



909040 001

PAGE 1 OF 361

McMulle-1 / Me/P-42  
Drilling  
INFORMATION


ian.reid@bassoil.com.au on 11/14/2001 12:49:18 PM



To: kourosh.mehin@nre.vic.gov.au  
cc: (bcc: Kourosh Mehin/NRE)  
Subject: Checkshot data

Kourosh, for your information . the deepest check at 3338m and 2268msec is very close to prognosis . it appears to be within ~12msec of the top volcanics reflection

Ian  
Ian Reid  
Chief Operations Geologist  
Bass Strait Oil Company Ltd  
03 9614 0426

 - att1.htm

VSP STACK SUMMARY LISTING (TWO WAY CORRECTED TIMES)

Gun and Hydrophone Coordinates:

|                  |                        |       |     |
|------------------|------------------------|-------|-----|
| Gun Azimuth      |                        | 115.0 | DEG |
| Gun Offset       |                        | 45.0  | M   |
| Gun Depth        | From Schlumberger Zero | 30.0  | M   |
| Hydrophone Depth | From Schlumberger Zero | 35.0  | M   |
| SRD Depth        | From Schlumberger Zero | 25.0  | M   |

Other VSP constants:

|                               |             |
|-------------------------------|-------------|
| True Vertical Time Correction | YES         |
| Surface Velocity              | 1524.00 M/S |

| Stack number | Measured Depth (1) (M) | Measured Trans Time (MS) | True Vert. Depth from SRD (2) (M) | Corrected Trans Time (3) (MS) | Interval Velocity (4) (M/S) |
|--------------|------------------------|--------------------------|-----------------------------------|-------------------------------|-----------------------------|
| 31           | 1838.1                 | 708.99                   | 1812.6                            | 1430.39                       | 2917.61                     |
| 30           | 1888.1                 | 726.12                   | 1862.6                            | 1464.64                       | 3019.85                     |
| 29           | 1988.1                 | 759.22                   | 1962.5                            | 1530.84                       | 2700.20                     |
| 28           | 2038.1                 | 777.74                   | 2012.5                            | 1567.86                       | 3107.21                     |
| 27           | 2138.0                 | 809.88                   | 2112.4                            | 1632.14                       | 3364.31                     |
| 26           | 2188.1                 | 824.76                   | 2162.4                            | 1661.92                       | 3640.19                     |
| 25           | 2237.9                 | 838.44                   | 2212.2                            | 1689.27                       | 3634.30                     |
| 24           | 2288.1                 | 852.24                   | 2262.4                            | 1716.90                       | 3508.55                     |
| 23           | 2338.1                 | 866.49                   | 2312.4                            | 1745.39                       | 3665.75                     |
| 22           | 2388.1                 | 880.12                   | 2362.4                            | 1772.67                       | 3663.21                     |
| 21           | 2438.1                 | 893.76                   | 2412.4                            | 1799.96                       | 3590.21                     |
| 20           | 2488.1                 | 907.68                   | 2462.4                            | 1827.81                       | 3857.76                     |

|    |        |         |        |         |         |
|----|--------|---------|--------|---------|---------|
| 19 | 2538.1 | 920.64  | 2512.4 | 1853.73 | 3577.21 |
| 18 | 2588.1 | 934.61  | 2562.4 | 1881.68 | 3743.92 |
| 17 | 2638.0 | 947.93  | 2612.3 | 1908.33 | 3712.22 |
| 16 | 2688.1 | 961.43  | 2662.4 | 1935.32 | 3641.44 |
| 15 | 2738.1 | 975.15  | 2712.4 | 1962.77 | 3955.98 |
| 14 | 2788.0 | 987.76  | 2762.2 | 1987.99 | 3789.24 |
| 13 | 2838.0 | 1000.96 | 2812.2 | 2014.38 | 3964.73 |
| 12 | 2888.1 | 1013.59 | 2862.3 | 2039.64 | 4435.73 |
| 11 | 2938.1 | 1024.86 | 2912.3 | 2062.17 | 4151.27 |
| 10 | 2988.0 | 1036.88 | 2962.1 | 2086.20 | 4171.63 |
| 9  | 3038.0 | 1048.86 | 3012.1 | 2110.16 | 4016.46 |
| 8  | 3088.1 | 1061.33 | 3062.2 | 2135.10 | 4299.96 |
| 7  | 3138.1 | 1072.95 | 3112.2 | 2158.36 | 3922.46 |
| 6  | 3188.1 | 1085.68 | 3162.2 | 2183.84 | 3845.08 |
| 5  | 3238.0 | 1098.64 | 3212.1 | 2209.79 | 3785.85 |
| 4  | 3288.0 | 1111.82 | 3262.0 | 2236.18 | 3125.77 |
| 3  | 3338.1 | 1127.81 | 3312.1 | 2268.20 | 0.00    |

(1) Measured Depth is Cable Depth Referenced to Schlumberger Zero.  
(2) TVD is referenced to SRD (5)  
(3) TW Transit time with respect to SRD(5) corrected for Deviation  
(4) Interval Velocity corrected for Deviation.  
(5) SRD is Seismic Reference Depth.

#### VSP STACK SUMMARY LISTING

##### Gun and Hydrophone Coordinates:

|                  |                        |       |     |
|------------------|------------------------|-------|-----|
| Gun Azimuth      |                        | 115.0 | DEG |
| Gun Offset       |                        | 45.0  | M   |
| Gun Depth        | From Schlumberger Zero | 30.0  | M   |
| Hydrophone Depth | From Schlumberger Zero | 35.0  | M   |
| SRD Depth        | From Schlumberger Zero | 25.0  | M   |

##### Other VSP constants:

|                               |             |
|-------------------------------|-------------|
| True Vertical Time Correction | YES         |
| Surface Velocity              | 1524.00 M/S |

| Stack number | Measured Depth<br>(1)<br>(M) | Measured Trans Time<br>(MS) | True Vert. Depth from SRD (2)<br>(M) | Corrected Trans Time<br>(3)<br>(MS) | Interval Velocity<br>(4)<br>(M/S) |
|--------------|------------------------------|-----------------------------|--------------------------------------|-------------------------------------|-----------------------------------|
| 31           | 1838.1                       | 708.99                      | 1812.6                               | 715.19                              | 2917.61                           |
| 30           | 1888.1                       | 726.12                      | 1862.6                               | 732.32                              | 3019.85                           |
| 29           | 1988.1                       | 759.22                      | 1962.5                               | 765.42                              | 2700.20                           |
| 28           | 2038.1                       | 777.74                      | 2012.5                               | 783.93                              | 3107.21                           |
| 27           | 2138.0                       | 809.88                      | 2112.4                               | 816.07                              | 3364.31                           |
| 26           | 2188.1                       | 824.76                      | 2162.4                               | 830.96                              | 3640.19                           |
| 25           | 2237.9                       | 838.44                      | 2212.2                               | 844.64                              | 3634.30                           |
| 24           | 2288.1                       | 852.24                      | 2262.4                               | 858.45                              | 3508.55                           |

|    |        |         |        |         |         |
|----|--------|---------|--------|---------|---------|
| 23 | 2338.1 | 866.49  | 2312.4 | 872.70  | 3665.75 |
| 22 | 2388.1 | 880.12  | 2362.4 | 886.33  | 3663.21 |
| 21 | 2438.1 | 893.76  | 2412.4 | 899.98  | 3590.21 |
| 20 | 2488.1 | 907.68  | 2462.4 | 913.91  | 3857.76 |
| 19 | 2538.1 | 920.64  | 2512.4 | 926.86  | 3577.21 |
| 18 | 2588.1 | 934.61  | 2562.4 | 940.84  | 3743.92 |
| 17 | 2638.0 | 947.93  | 2612.3 | 954.17  | 3712.22 |
| 16 | 2688.1 | 961.43  | 2662.4 | 967.66  | 3641.44 |
| 15 | 2738.1 | 975.15  | 2712.4 | 981.39  | 3955.98 |
| 14 | 2788.0 | 987.76  | 2762.2 | 994.00  | 3789.24 |
| 13 | 2838.0 | 1000.96 | 2812.2 | 1007.19 | 3964.73 |
| 12 | 2888.1 | 1013.59 | 2862.3 | 1019.82 | 4435.73 |
| 11 | 2938.1 | 1024.86 | 2912.3 | 1031.08 | 4151.27 |
| 10 | 2988.0 | 1036.88 | 2962.1 | 1043.10 | 4171.63 |
| 9  | 3038.0 | 1048.86 | 3012.1 | 1055.08 | 4016.46 |
| 8  | 3088.1 | 1061.33 | 3062.2 | 1067.55 | 4299.96 |
| 7  | 3138.1 | 1072.95 | 3112.2 | 1079.18 | 3922.46 |
| 6  | 3188.1 | 1085.68 | 3162.2 | 1091.92 | 3845.08 |
| 5  | 3238.0 | 1098.64 | 3212.1 | 1104.89 | 3785.85 |
| 4  | 3288.0 | 1111.82 | 3262.0 | 1118.09 | 3125.77 |
| 3  | 3338.1 | 1127.81 | 3312.1 | 1134.10 | 0.00    |

(1) Measured Depth is Cable Depth Referenced to Schlumberger Zero.  
(2) TVD is referenced to SRD (5)  
(3) Transit time with respect to SRD(5) corrected for Deviation.  
(4) Interval Velocity corrected for Deviation.  
(5) SRD is Seismic Reference Depth.

## VSP STACK SUMMARY LISTING (TWO WAY CORRECTED TIMES)

## Gun and Hydrophone Coordinates:

Gun Azimuth 115.0 DEG  
Gun Offset 45.0 M  
Gun Depth From Schlumberger Zero 30.0 M  
Hydrophone Depth From Schlumberger Zero 35.0 M  
SRD Depth From Schlumberger Zero 25.0 M

## Other VSP constants:

True Vertical Time Correction YES  
Surface Velocity 1524.00 M/S

| Stack number | Measured Depth<br>(1)<br>(M) | Measured Trans Time<br>(MS) | True Vert. Depth from SRD (2)<br>(M) | Corrected Trans Time<br>(3)<br>(MS) | Average Velocity<br>(4)<br>(M/S) |
|--------------|------------------------------|-----------------------------|--------------------------------------|-------------------------------------|----------------------------------|
| 31           | 1838.1                       | 708.99                      | 1812.6                               | 1430.39                             | 2919.55                          |
| 30           | 1888.1                       | 726.12                      | 1862.6                               | 1464.64                             | 2991.34                          |
| 29           | 1988.1                       | 759.22                      | 1962.5                               | 1530.84                             | 2920.04                          |
| 28           | 2038.1                       | 777.74                      | 2012.5                               | 1567.86                             | 2975.92                          |

|    |        |         |        |         |         |
|----|--------|---------|--------|---------|---------|
| 27 | 2138.0 | 809.88  | 2112.4 | 1632.14 | 3176.42 |
| 26 | 2188.1 | 824.76  | 2162.4 | 1661.92 | 3495.18 |
| 25 | 2237.9 | 838.44  | 2212.2 | 1689.27 | 3637.85 |
| 24 | 2288.1 | 852.24  | 2262.4 | 1716.90 | 3570.64 |
| 23 | 2338.1 | 866.49  | 2312.4 | 1745.39 | 3585.38 |
| 22 | 2388.1 | 880.12  | 2362.4 | 1772.67 | 3665.05 |
| 21 | 2438.1 | 893.76  | 2412.4 | 1799.96 | 3626.83 |
| 20 | 2488.1 | 907.68  | 2462.4 | 1827.81 | 3718.21 |
| 19 | 2538.1 | 920.64  | 2512.4 | 1853.73 | 3711.08 |
| 18 | 2588.1 | 934.61  | 2562.4 | 1881.68 | 3658.60 |
| 17 | 2638.0 | 947.93  | 2612.3 | 1908.33 | 3728.67 |
| 16 | 2688.1 | 961.43  | 2662.4 | 1935.32 | 3677.26 |
| 15 | 2738.1 | 975.15  | 2712.4 | 1962.77 | 3790.79 |
| 14 | 2788.0 | 987.76  | 2762.2 | 1987.99 | 3871.24 |
| 13 | 2838.0 | 1000.96 | 2812.2 | 2014.38 | 3876.01 |
| 12 | 2888.1 | 1013.59 | 2862.3 | 2039.64 | 4184.62 |
| 11 | 2938.1 | 1024.86 | 2912.3 | 2062.17 | 4289.69 |
| 10 | 2988.0 | 1036.88 | 2962.1 | 2086.20 | 4163.05 |
| 9  | 3038.0 | 1048.86 | 3012.1 | 2110.16 | 4092.95 |
| 8  | 3088.1 | 1061.33 | 3062.2 | 2135.10 | 4152.13 |
| 7  | 3138.1 | 1072.95 | 3112.2 | 2158.36 | 4100.37 |
| 6  | 3188.1 | 1085.68 | 3162.2 | 2183.84 | 3884.56 |
| 5  | 3238.0 | 1098.64 | 3212.1 | 2209.79 | 3817.56 |
| 4  | 3288.0 | 1111.82 | 3262.0 | 2236.18 | 3417.13 |
| 3  | 3338.1 | 1127.81 | 3312.1 | 2268.20 | 0.00    |

- (1) Measured Depth is Cable Depth Referenced to Schlumberger Zero.  
(2) TVD is referenced to SRD (5)  
(3) TW Transit time with respect to SRD(5) corrected for Deviation  
(4) Average Velocity corrected for Deviation.  
Average Velocity computed on 150 FT across each level.  
(5) SRD is Seismic Reference Depth.

## VSP STACK SUMMARY LISTING

## Gun and Hydrophone Coordinates:

|                  |                        |       |     |
|------------------|------------------------|-------|-----|
| Gun Azimuth      |                        | 115.0 | DEG |
| Gun Offset       |                        | 45.0  | M   |
| Gun Depth        | From Schlumberger Zero | 30.0  | M   |
| Hydrophone Depth | From Schlumberger Zero | 35.0  | M   |
| SRD Depth        | From Schlumberger Zero | 25.0  | M   |

## Other VSP constants:

|                               |             |
|-------------------------------|-------------|
| True Vertical Time Correction | YES         |
| Surface Velocity              | 1524.00 M/S |

| Stack number | Measured Depth<br>(1)<br>(M) | Measured Trans Time<br>(MS) | True Vert. Depth from SRD (2)<br>(M) | Corrected Trans Time<br>(3)<br>(MS) | Average Velocity<br>(4)<br>(M/S) |
|--------------|------------------------------|-----------------------------|--------------------------------------|-------------------------------------|----------------------------------|
|--------------|------------------------------|-----------------------------|--------------------------------------|-------------------------------------|----------------------------------|

|    |        |         |        |         |         |
|----|--------|---------|--------|---------|---------|
| 31 | 1838.1 | 708.99  | 1812.6 | 715.19  | 2919.55 |
| 30 | 1888.1 | 726.12  | 1862.6 | 732.32  | 2991.34 |
| 29 | 1988.1 | 759.22  | 1962.5 | 765.42  | 2920.04 |
| 28 | 2038.1 | 777.74  | 2012.5 | 783.93  | 2975.92 |
| 27 | 2138.0 | 809.88  | 2112.4 | 816.07  | 3176.42 |
| 26 | 2188.1 | 824.76  | 2162.4 | 830.96  | 3495.18 |
| 25 | 2237.9 | 838.44  | 2212.2 | 844.64  | 3637.85 |
| 24 | 2288.1 | 852.24  | 2262.4 | 858.45  | 3570.64 |
| 23 | 2338.1 | 866.49  | 2312.4 | 872.70  | 3585.38 |
| 22 | 2388.1 | 880.12  | 2362.4 | 886.33  | 3665.05 |
| 21 | 2438.1 | 893.76  | 2412.4 | 899.98  | 3626.83 |
| 20 | 2488.1 | 907.68  | 2462.4 | 913.91  | 3718.21 |
| 19 | 2538.1 | 920.64  | 2512.4 | 926.86  | 3711.08 |
| 18 | 2588.1 | 934.61  | 2562.4 | 940.84  | 3658.60 |
| 17 | 2638.0 | 947.93  | 2612.3 | 954.17  | 3728.67 |
| 16 | 2688.1 | 961.43  | 2662.4 | 967.66  | 3677.26 |
| 15 | 2738.1 | 975.15  | 2712.4 | 981.39  | 3790.79 |
| 14 | 2788.0 | 987.76  | 2762.2 | 994.00  | 3871.24 |
| 13 | 2838.0 | 1000.96 | 2812.2 | 1007.19 | 3876.01 |
| 12 | 2888.1 | 1013.59 | 2862.3 | 1019.82 | 4184.62 |
| 11 | 2938.1 | 1024.86 | 2912.3 | 1031.08 | 4289.69 |
| 10 | 2988.0 | 1036.88 | 2962.1 | 1043.10 | 4163.05 |
| 9  | 3038.0 | 1048.86 | 3012.1 | 1055.08 | 4092.95 |
| 8  | 3088.1 | 1061.33 | 3062.2 | 1067.55 | 4152.13 |
| 7  | 3138.1 | 1072.95 | 3112.2 | 1079.18 | 4100.37 |
| 6  | 3188.1 | 1085.68 | 3162.2 | 1091.92 | 3884.56 |
| 5  | 3238.0 | 1098.64 | 3212.1 | 1104.89 | 3817.56 |
| 4  | 3288.0 | 1111.82 | 3262.0 | 1118.09 | 3417.13 |
| 3  | 3338.1 | 1127.81 | 3312.1 | 1134.10 | 0.00    |

(1) Measured Depth is Cable Depth Referenced to Schlumberger Zero.

(2) TVD is referenced to SRD (5)

(3) Transit time with respect to SRD(5) corrected for Deviation.

(4) Average Velocity corrected for Deviation.

Average Velocity computed on 150 FT across each level.

(5) SRD is Seismic Reference Depth.

ian@petroconsult.com.au on 11/14/2001 04:39:19 AM



To: kourosh.mehin@nre.vic.gov.au  
cc: (bcc: Kourosh Mehin/NRE)  
Subject: second pds file

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Kourosh, second file  
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- DSI\_STC\_MONOPOLE\_DIPOLE\_075.PDS

|      |  |            |      |
|------|--|------------|------|
| DTF  | Delta-T Fluid  | 189        | US/F |
| DWC2 | Digitizer Word Count 2   | 512        |      |
| DWC4 | Digitizer Word Count 4   | 512        |      |
| DWCX | Digitizer Word Count X   | 512        |      |
| FILG | Label Fill Gap Control - Monopole P&S                                    | COMP_SHEAR |      |
| FMLL | Slowness Lower Limit - FMD   | 40         | US/F |
| FMRC | Restart Control - FMD  | CONTINUE   |      |
| FMUL | Slowness Upper Limit - FMD   | 180        | US/F |
| ITTS | Integrated Transit Time Source   | DTCO       |      |
| LFC  | Label Formation Character - Monopole P&S                                 | DYNAMIC    |      |
| MCS  | Mean Casing Slowness   | 57         | US/F |
| MTXG | Monopole Transmitter Geometry  | 186        | IN   |
| NMT  | HILT Nuclear Mud Type  | NOBARITE   |      |
| RSMN | Label Shear/Compressional Minimum Ratio - Monopole P&S                   | 1.4        |      |
| RSMX | Label Shear/Compressional Maximum Ratio - Monopole P&S                   | 2.12       |      |
| RX1G | Receiver 1 Geometry  | 294        | IN   |
| RX2G | Receiver 2 Geometry  | 300        | IN   |
| RX3G | Receiver 3 Geometry  | 306        | IN   |
| RX4G | Receiver 4 Geometry  | 312        | IN   |
| RX5G | Receiver 5 Geometry  | 318        | IN   |
| RX6G | Receiver 6 Geometry  | 324        | IN   |
| RX7G | Receiver 7 Geometry  | 330        | IN   |
| RX8G | Receiver 8 Geometry  | 336        | IN   |
| SAM2 | DSST Sonic Acquisition Mode 2 - Upper Dipole Mode                        | ODD        |      |
| SAM4 | DSST Sonic Acquisition Mode 4 - High Frequency Monopole Mode for P&S     | EVEN       |      |
| SAMX | DSST Sonic Acquisition Mode X - Both Dipoles or Monopole Mode for Expert | OFF        |      |
| SAS2 | STC Sonic Array Status - Upper Dipole                                    | 255        |      |
| SAS4 | STC Sonic Array Status - Monopole P&S                                    | 255        |      |
| SAS5 | Sonic Array Status - FMD   | 255        |      |
| SBO2 | STC Search Band Offset - Upper Dipole                                    | 3000       | US   |
| SBO4 | STC Search Band Offset - Monopole P&S                                    | 500        | US   |
| SBR4 | STC Baseline Removal - Monopole P&S                                      | ON         |      |
| SBW2 | STC Search Bandwidth - Upper Dipole                                      | 8000       | US   |
| SBW4 | STC Search Bandwidth - Monopole P&S                                      | 2000       | US   |
| SFC2 | STC Formation Character - Upper Dipole                                   | SELECTABLE |      |
| SFC4 | STC Formation Character - Monopole P&S                                   | SELECTABLE |      |
| SFM2 | STC Filter - Upper Dipole  | B1-3K      |      |
| SFM4 | STC Filter - Monopole P&S  | B3-20K     |      |
| SHLL | Label Slowness Lower Limit - Monopole P&S Shear                          | 75         | US/F |
| SHUL | Label Slowness Upper Limit - Monopole P&S Shear                          | 180        | US/F |
| SLL2 | STC Slowness Lower Limit - Upper Dipole                                  | 75         | US/F |
| SLL4 | STC Slowness Lower Limit - Monopole P&S                                  | 40         | US/F |
| SOCN | Standoff Distance  | 0          | IN   |
| SOCO | Standoff Correction Option   | NO         |      |
| SST2 | STC Slowness Step - Upper Dipole   | 4          | US/F |
| SST4 | STC Slowness Step - Monopole P&S   | 2          | US/F |
| SSW2 | STC Source Waveform - Upper Dipole                                       | WF_SAM2    |      |
| SSW4 | STC Source Waveform - Monopole P&S                                       | WF_SAM4    |      |
| STLL | Label Slowness Lower Limit - Monopole Stoneley                           | 180        | US/F |
| STUL | Label Slowness Upper Limit - Monopole Stoneley                           | 780        | US/F |
| SUL2 | STC Slowness Upper Limit - Upper Dipole                                  | 475        | US/F |
| SUL4 | STC Slowness Upper Limit - Monopole P&S                                  | 240        | US/F |
| SWD2 | STC Slowness Width - Upper Dipole  | 40         | US/F |
| SWD4 | STC Slowness Width - Monopole P&S  | 10         | US/F |
| TBF2 | STC Time for Baseline Fill - Upper Dipole                                | 0          | US   |
| TBF4 | STC Time for Baseline Fill - Monopole P&S                                | 300        | US   |
| TLL2 | STC Time Lower Limit - Upper Dipole                                      | 600        | US   |
| TLL4 | STC Time Lower Limit - Monopole P&S                                      | 150        | US   |
| TST2 | STC Time Step - Upper Dipole   | 200        | US   |
| TST4 | STC Time Step - Monopole P&S   | 50         | US   |
| TUL2 | STC Time Upper Limit - Upper Dipole                                      | 12225      | US   |
| TUL4 | STC Time Upper Limit - Monopole P&S                                      | 3660       | US   |
| TWD2 | STC Time Width - Upper Dipole  | 2000       | US   |
| TWD4 | STC Time Width - Monopole P&S  | 1000       | US   |
| TWI2 | STC Integration Time Window - Upper Dipole                               | 1600       | US   |
| TWI4 | STC Integration Time Window - Monopole P&S                               | 500        | US   |
| TWSX | Transmitter Waveform Select X  | 0          |      |
| UTXG | Upper Dipole Transmitter Geometry  | 162        | IN   |

Format: DSI\_STC\_MONOPOLE\_DIPOLE Vertical Scale: 1:200 Graphics File Created: 14-Nov-2001 02:52

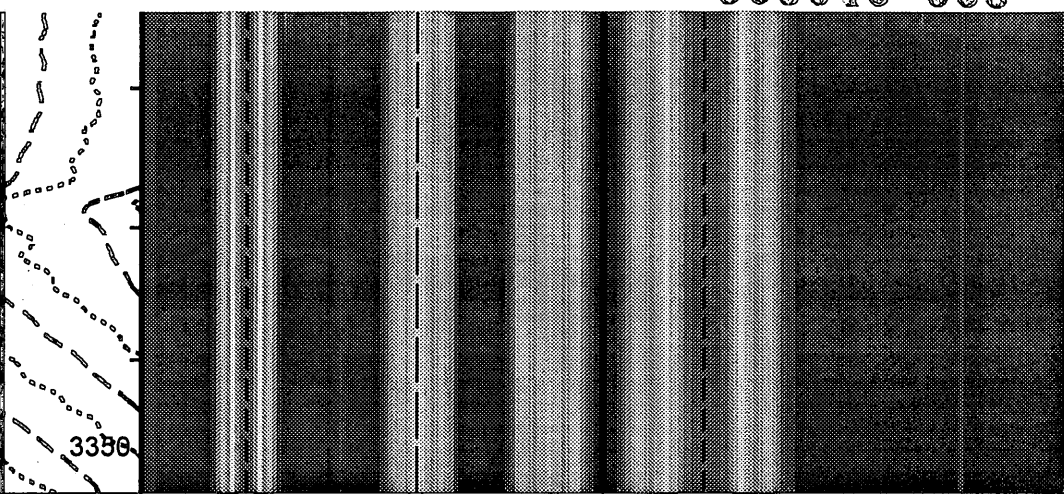
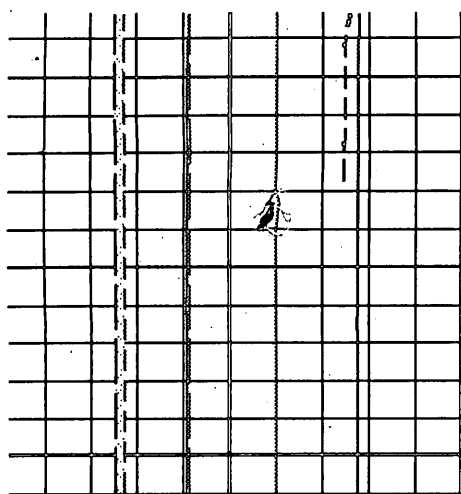
OP System Version: 9C2-303  
MCM



|           |          |        |          |
|-----------|----------|--------|----------|
| HALS-B    | OP92-KP2 | DSST-B | OP92-KP2 |
| HILTB-FTB | OP92-KP2 | DTC-A  | OP92-KP2 |
| BSP       | 9C2-303  |        |          |

Output DLIS Files

|         |                          |       |          |                   |
|---------|--------------------------|-------|----------|-------------------|
| DEFAULT | HALS_DSI_TLD_MCFL_075LUP | FN:77 | PRODUCER | 14-Nov-2001 02:52 |
| PEX_BUP | HALS_DSI_TLD_MCFL_075LUP | FN:78 | PRODUCER | 14-Nov-2001 01:52 |





|  |  |  |  |
|--|--|--|--|
| <b>Bit Size (BS)</b><br>6 (IN) 16                          | <b>Tension (TENS) (LBF)</b><br>1000 0                  | <b>Delta-T Comp / RA - P &amp; S (DTRP)</b><br>40 (US/F) 240   | <b>Delta-T Shear / RA - Upper Dipole (DT2R)</b><br>75 (US/F) 475   |
| <b>Delta-T Shear - Upper Dipole (DT2)</b><br>240 (US/F) 40 | <b>Calibrated Downhole Force (CDF) (LBF)</b><br>1000 0 | <b>Delta-T Shear / RA - P &amp; S (DTRS)</b><br>40 (US/F) 240  | Min  Max<br><b>Rec.Array U.Dipole Slow Proj. CVDL (SPR2)</b><br>75 (US/F) 475 |
| <b>Delta-T Comp - P &amp; S (DT4P)</b><br>240 (US/F) 40    |  | Min  Max<br><b>Rec.Array P&amp;S Slow Proj. CVDL (SPR4)</b><br>40 (US/F) 240 |  |
| <b>Delta-T Shear - P &amp; S (DT4S)</b><br>240 (US/F) 40   |  |  |  |
| <b>Delta-T Comp - FMD (DT5)</b><br>240 (US/F) 40           |  |  |  |
| <b>HILT Caliper (HCAL)</b><br>6 (IN) 16                    |  |  |  |
| <b>Gamma Ray (ECGR)</b><br>0 (GAPI) 200                    |  |  |  |
| Washout<br>From BS to HCAL                                 |  |  |  |
| Mudcake<br>From HCAL to BS                                 |  |  |  |

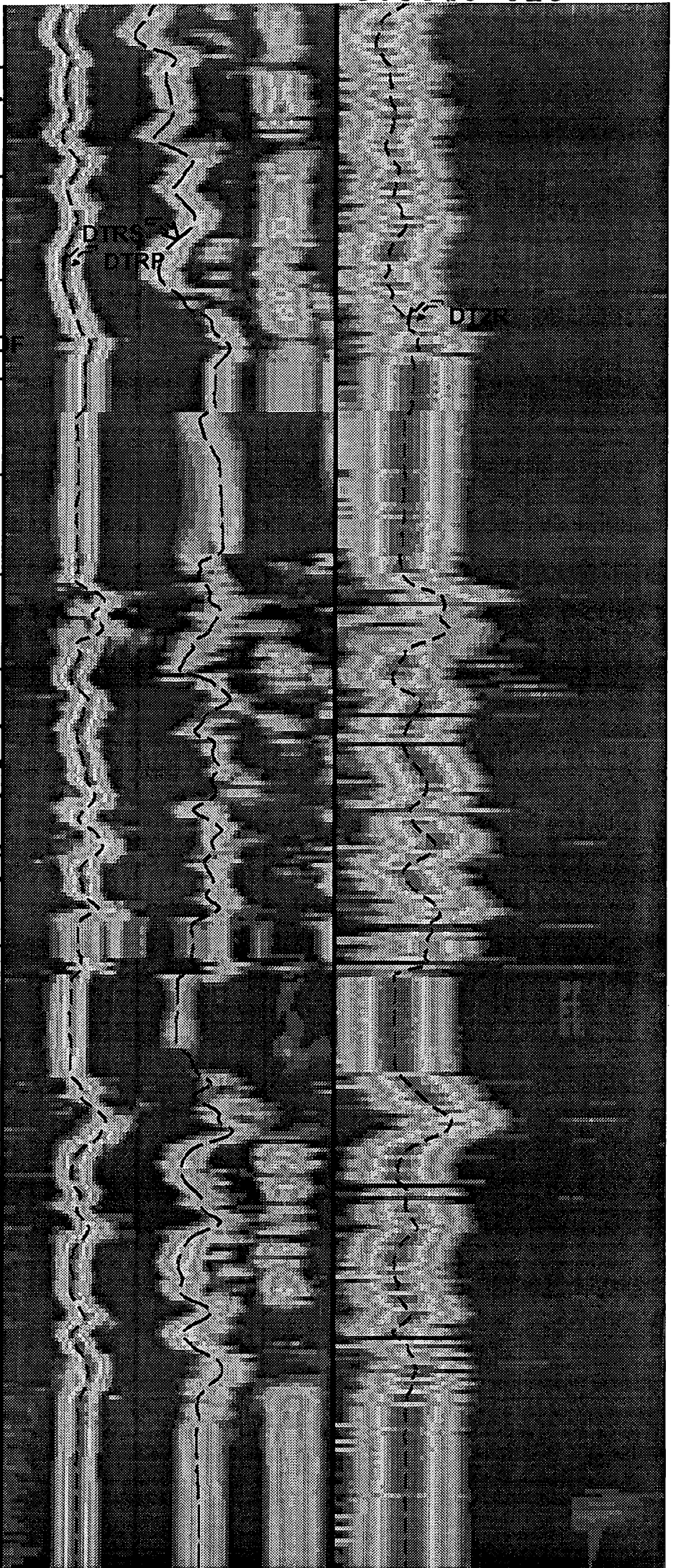
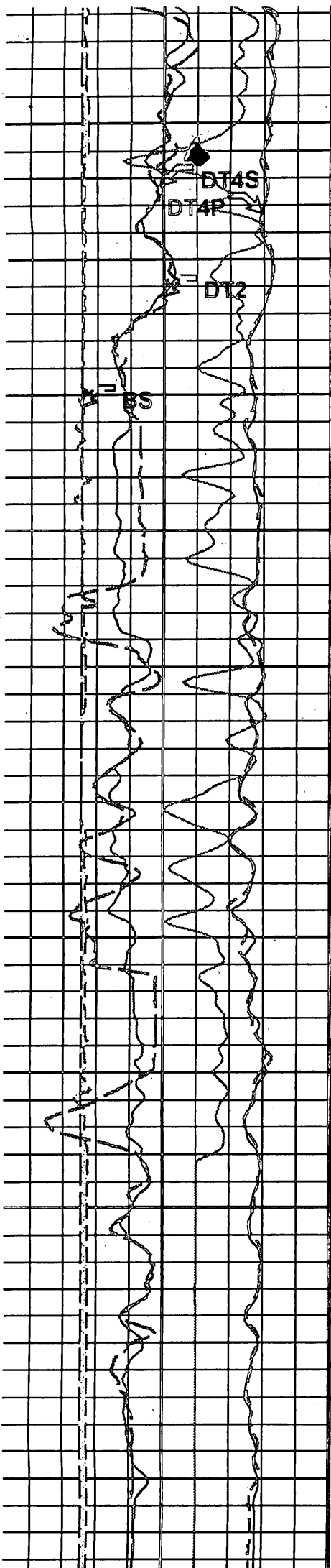
**PIP SUMMARY**

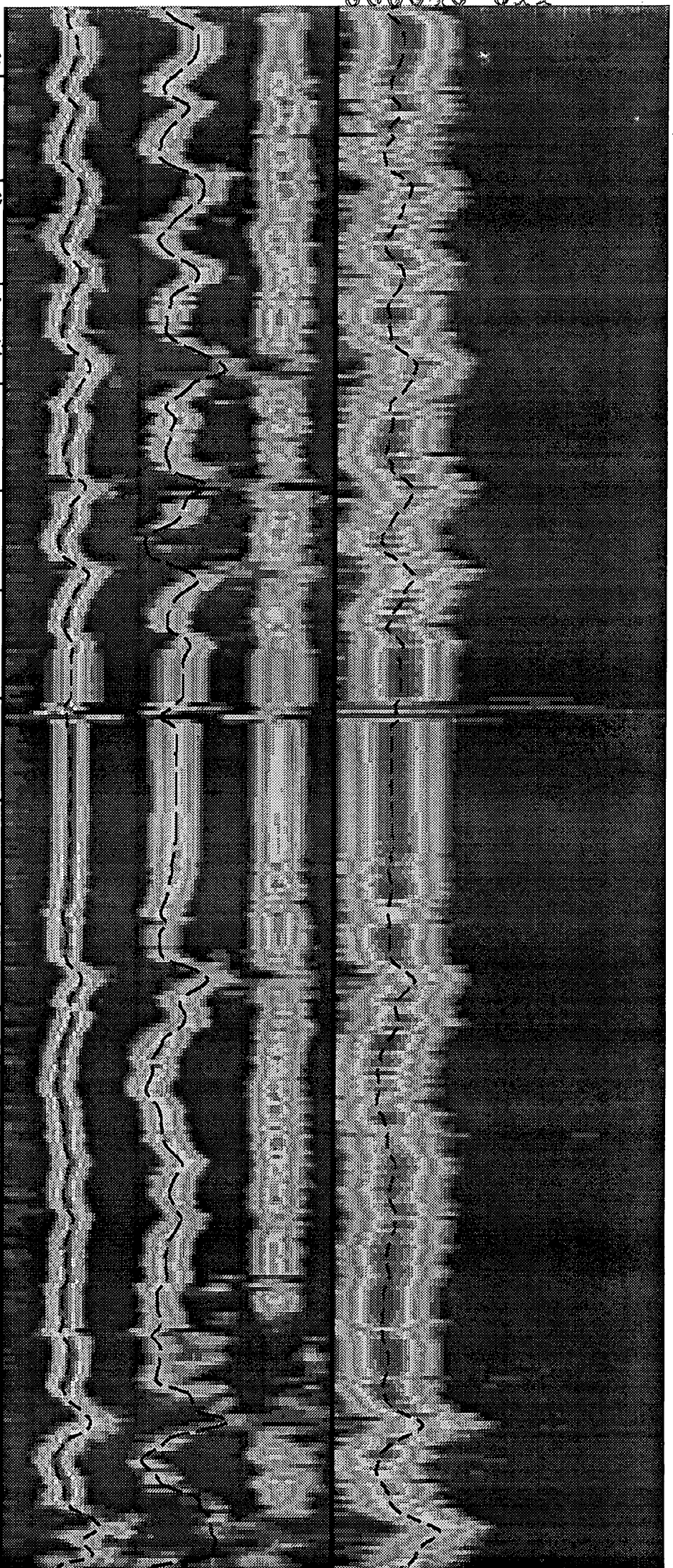
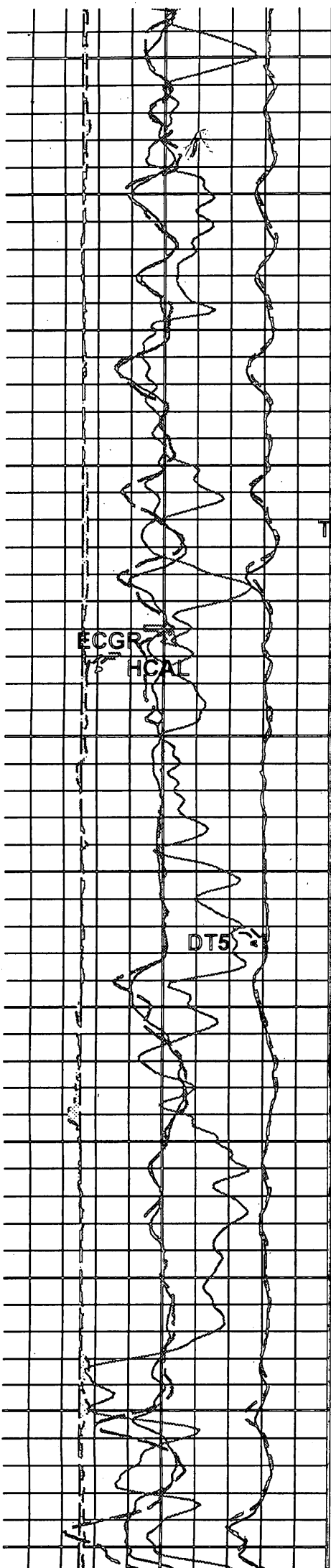
- └ Integrated Transit Time Minor Pip Every 1 MS
- └ Integrated Transit Time Major Pip Every 10 MS

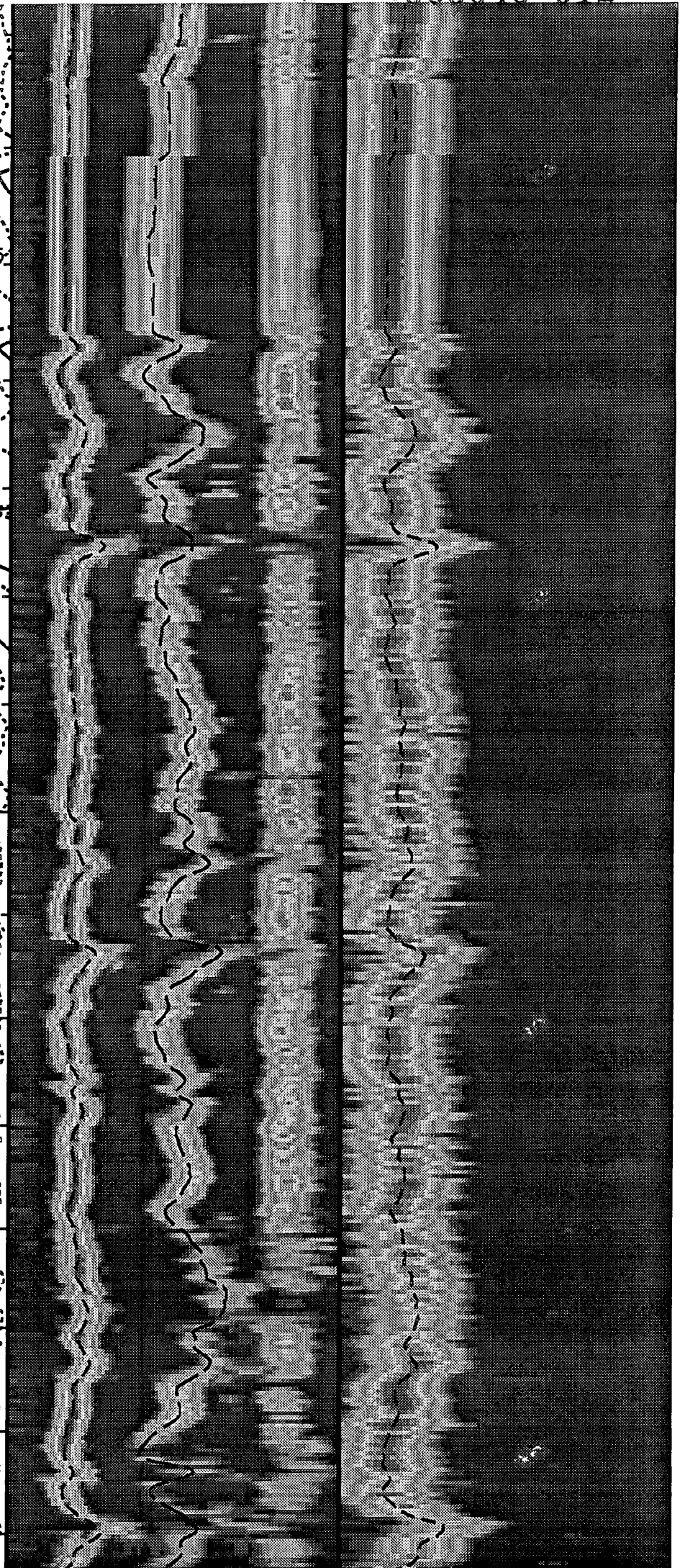
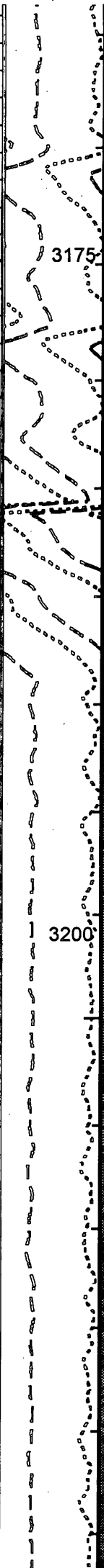
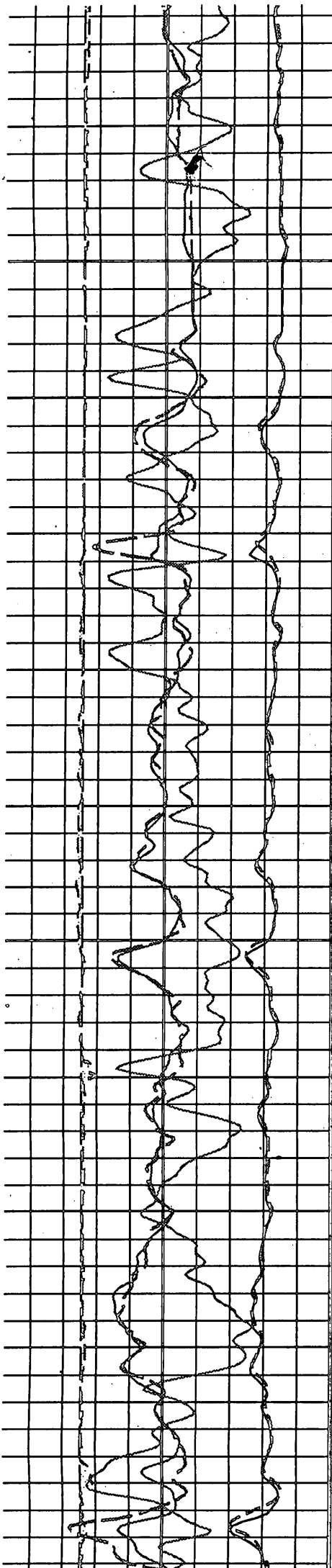
Time Mark Every 60 S

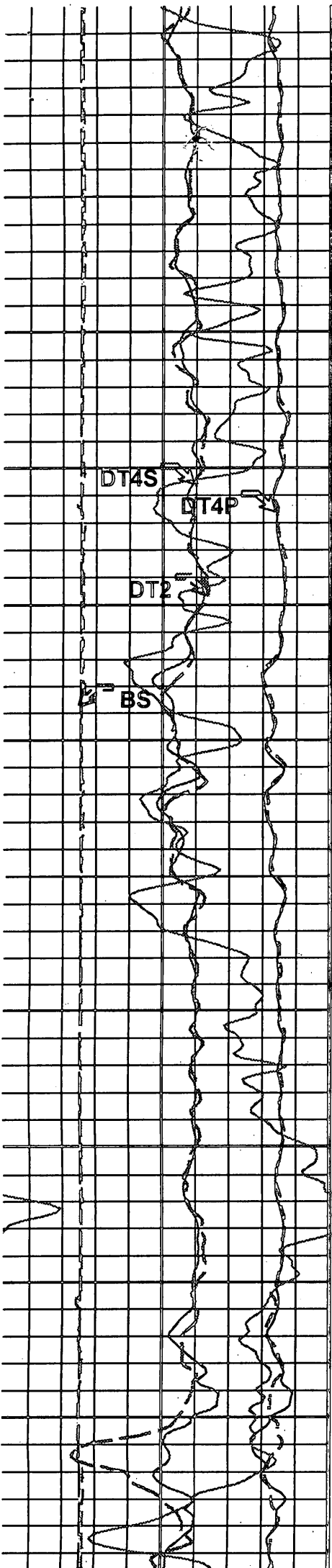
**Parameters**

| DLIS Name | Description   | Value     |
|-----------|---|-----------|
| BHS       | Borehole Status   | OPEN      |
| BS        | Bit Size  | 8.500 IN  |
| CASF      | Label Casing Function - Monopole P&S                    | 50        |
| COLL      | Label Slowness Lower Limit - Monopole P&S Compressional | 40 US/F   |
| COUL      | Label Slowness Upper Limit - Monopole P&S Compressional | 180 US/F  |
| DDE2      | Digitizing Delay 2                                      | 0 US      |
| DDE4      | Digitizing Delay 4                                      | 0 US      |
| DDEX      | Digitizing Delay X                                      | 0 US      |
| DFD       | Drilling Fluid Density                                  | 1.12 G/C3 |
| DLCS      | Label Compressional Source - Dipole Shear               | USE       |
| DSHL      | Label Slowness Lower Limit - Dipole Shear               | 75 US/F   |
| DSHU      | Label Slowness Upper Limit - Dipole Shear               | 475 US/F  |
| DSI2      | Digitizer Sample Interval 2                             | 40 US     |
| DSI4      | Digitizer Sample Interval 4                             | 10 US     |
| DSIX      | Digitizer Sample Interval X                             | 40 US     |
| DTCS      | Compressional Delta-T Source for DTCO Channel           | PS_COMP   |





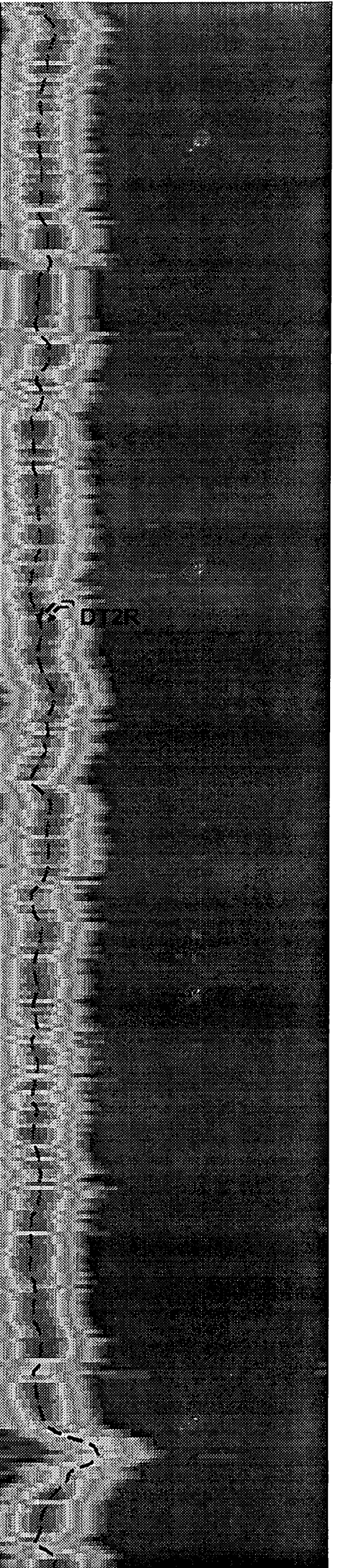
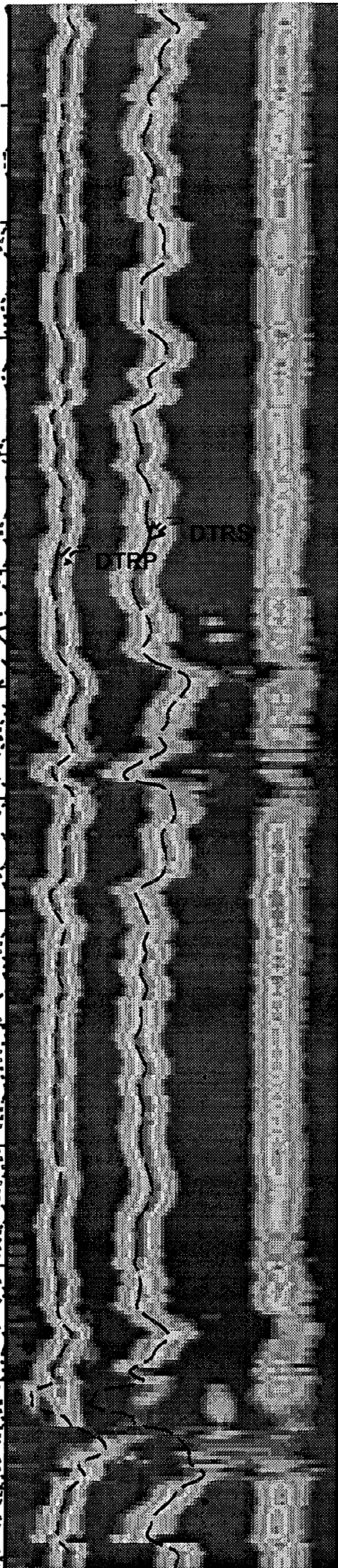




3125

3150

CDF



DT4S

DT4P

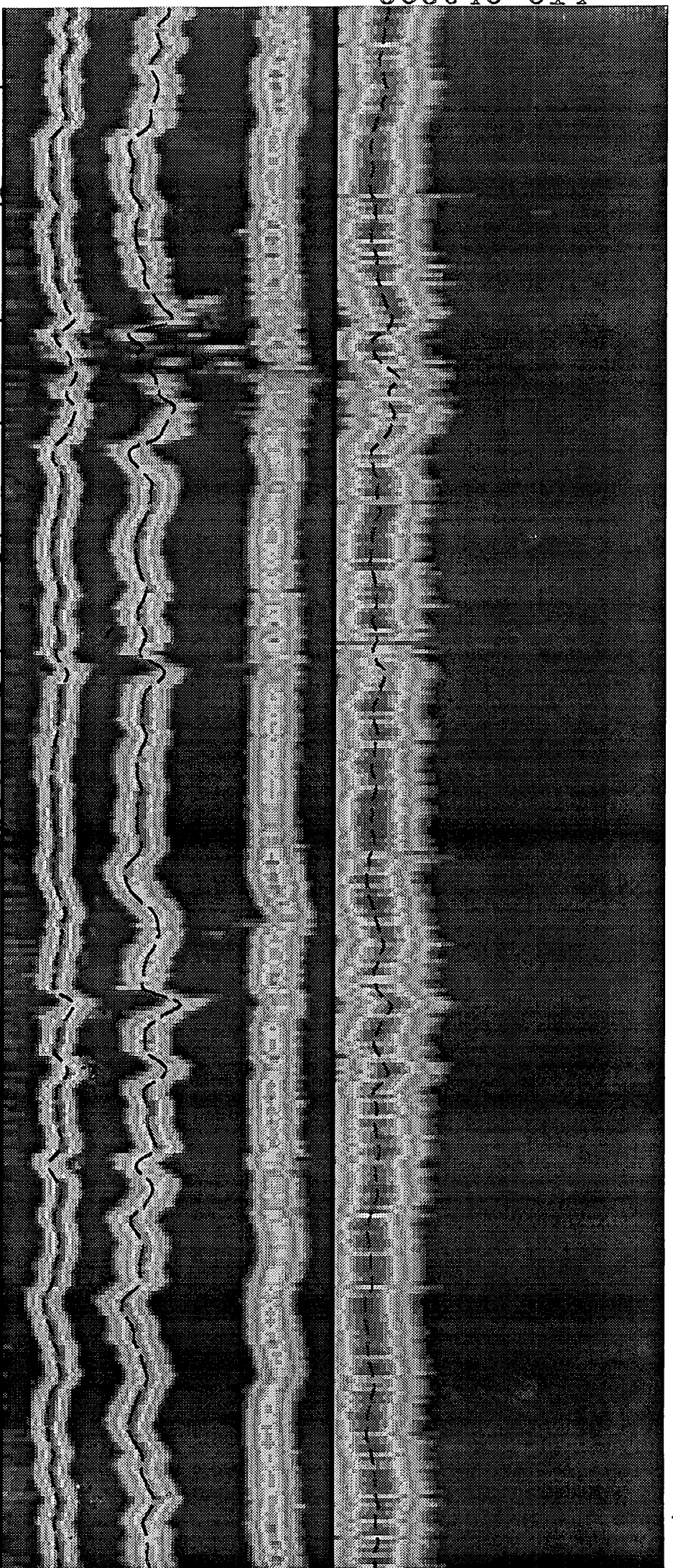
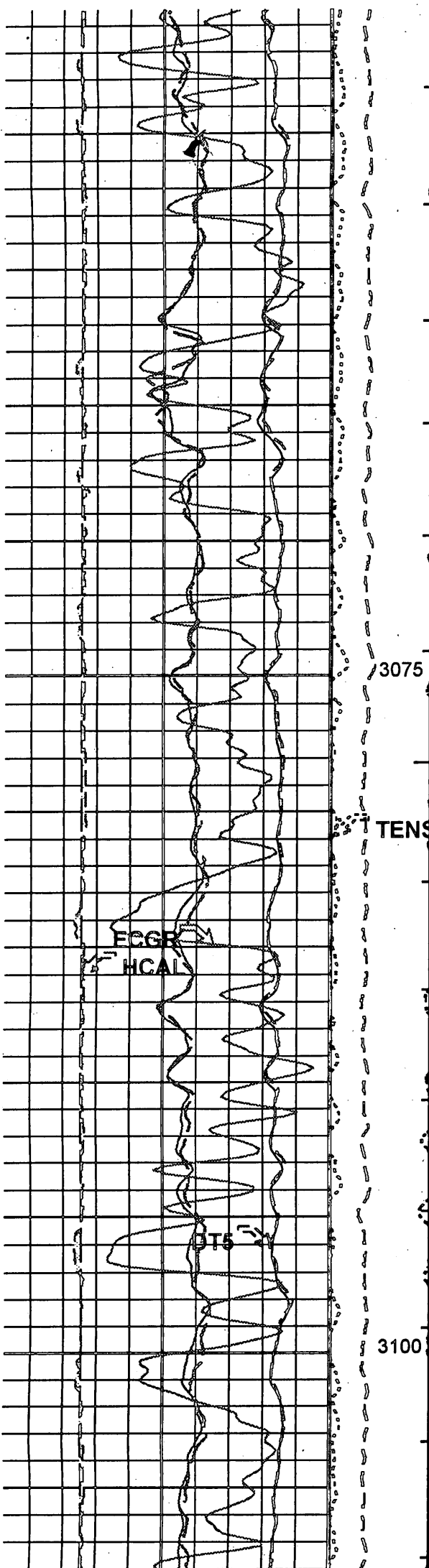
DT2

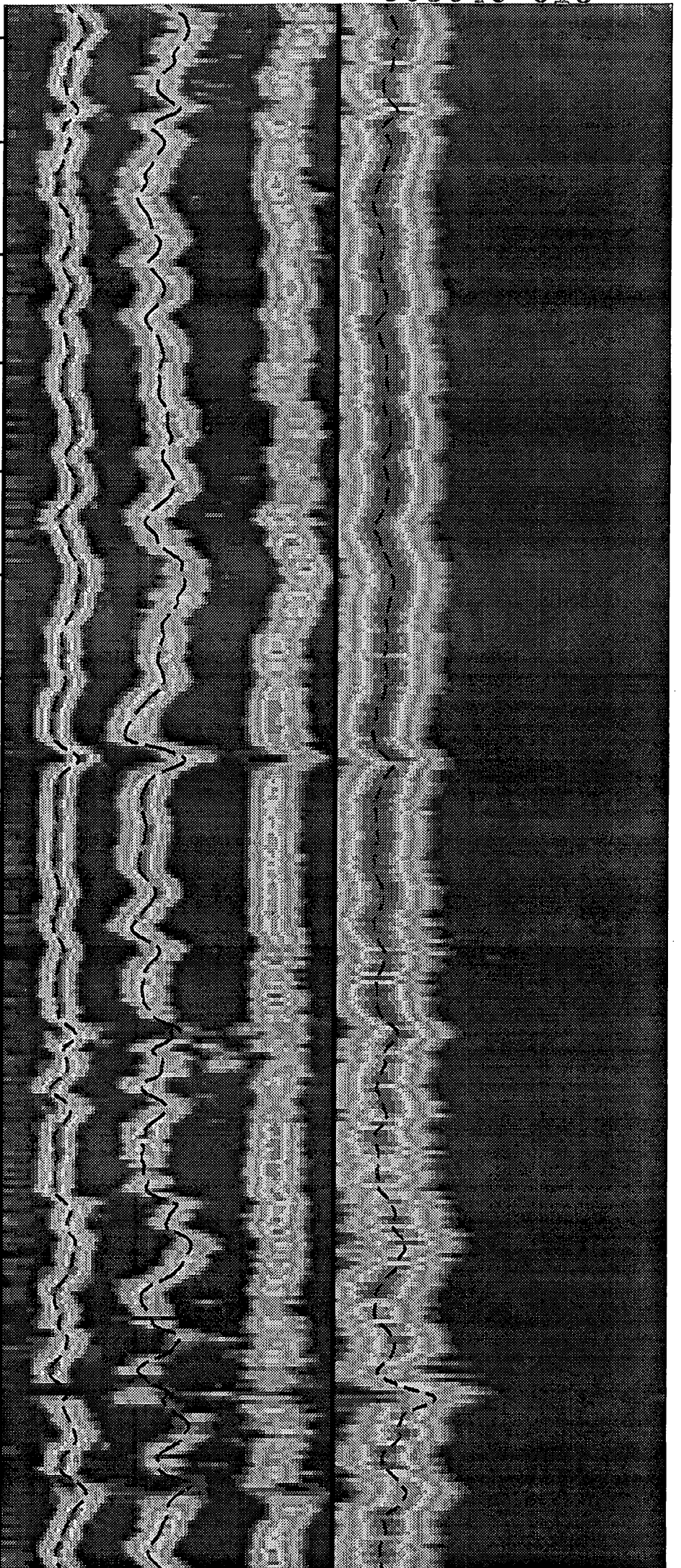
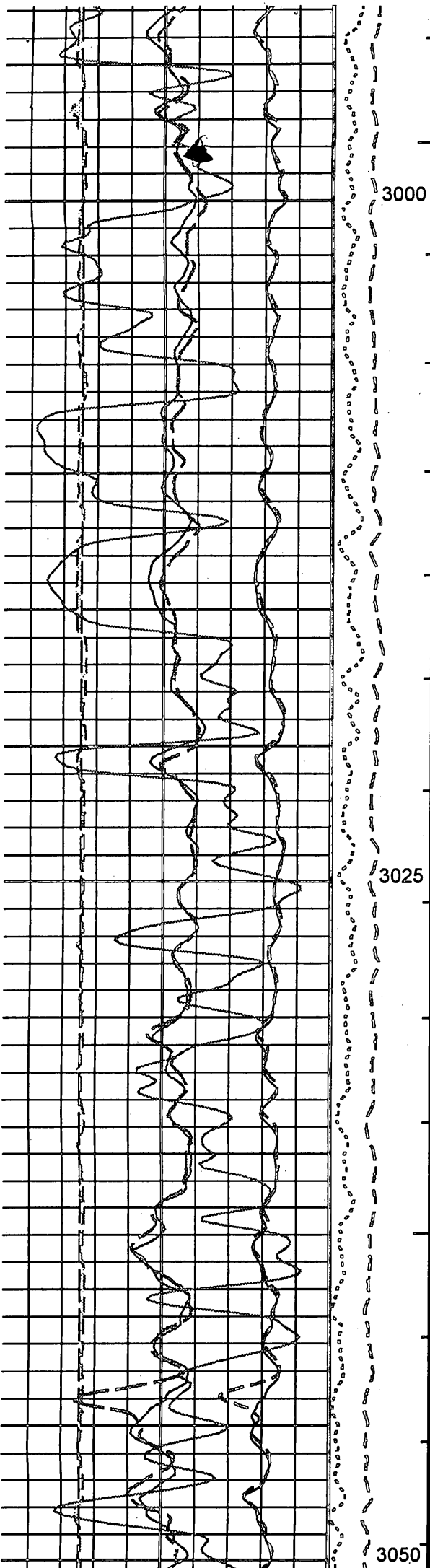
BS

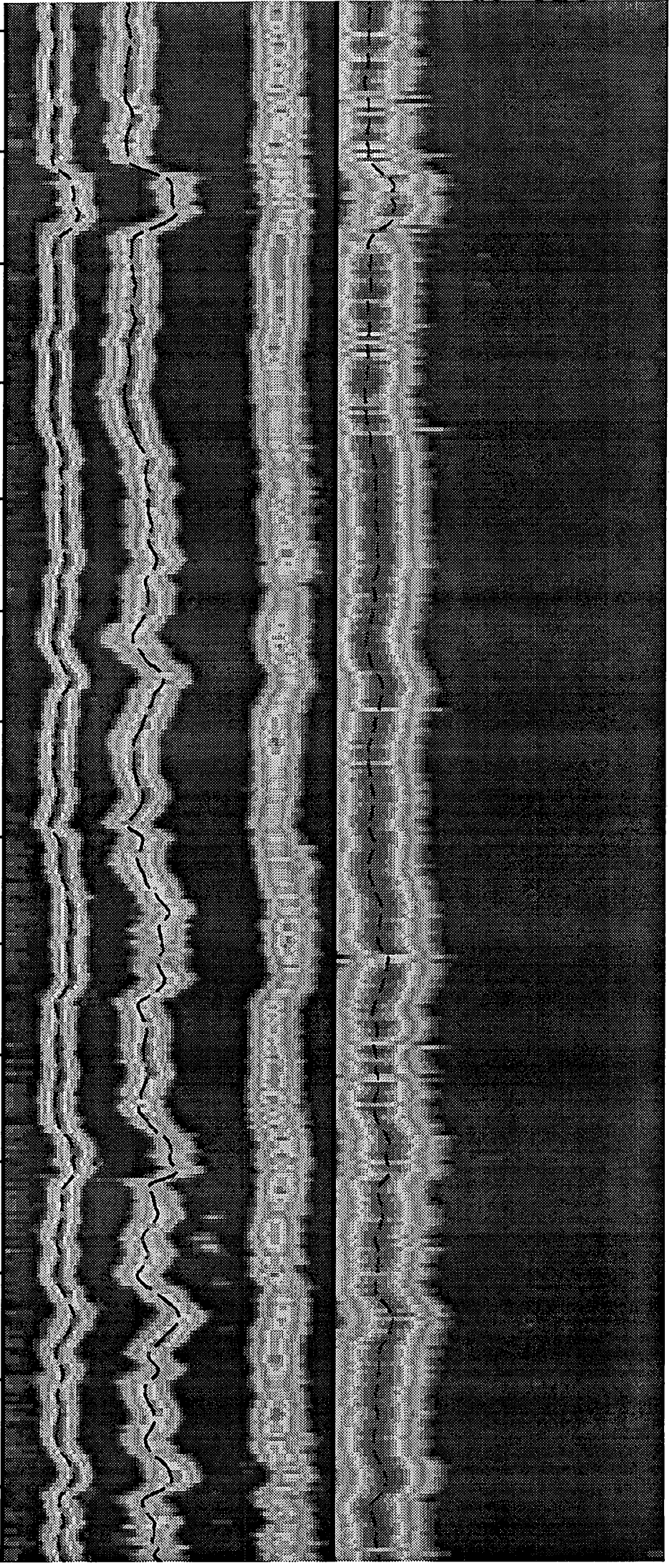
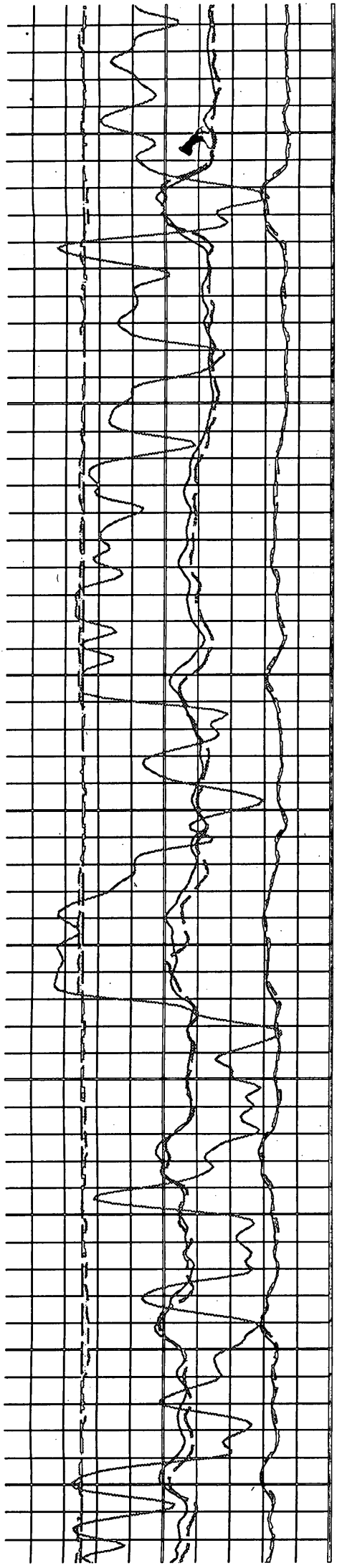
DTRP

DTRS

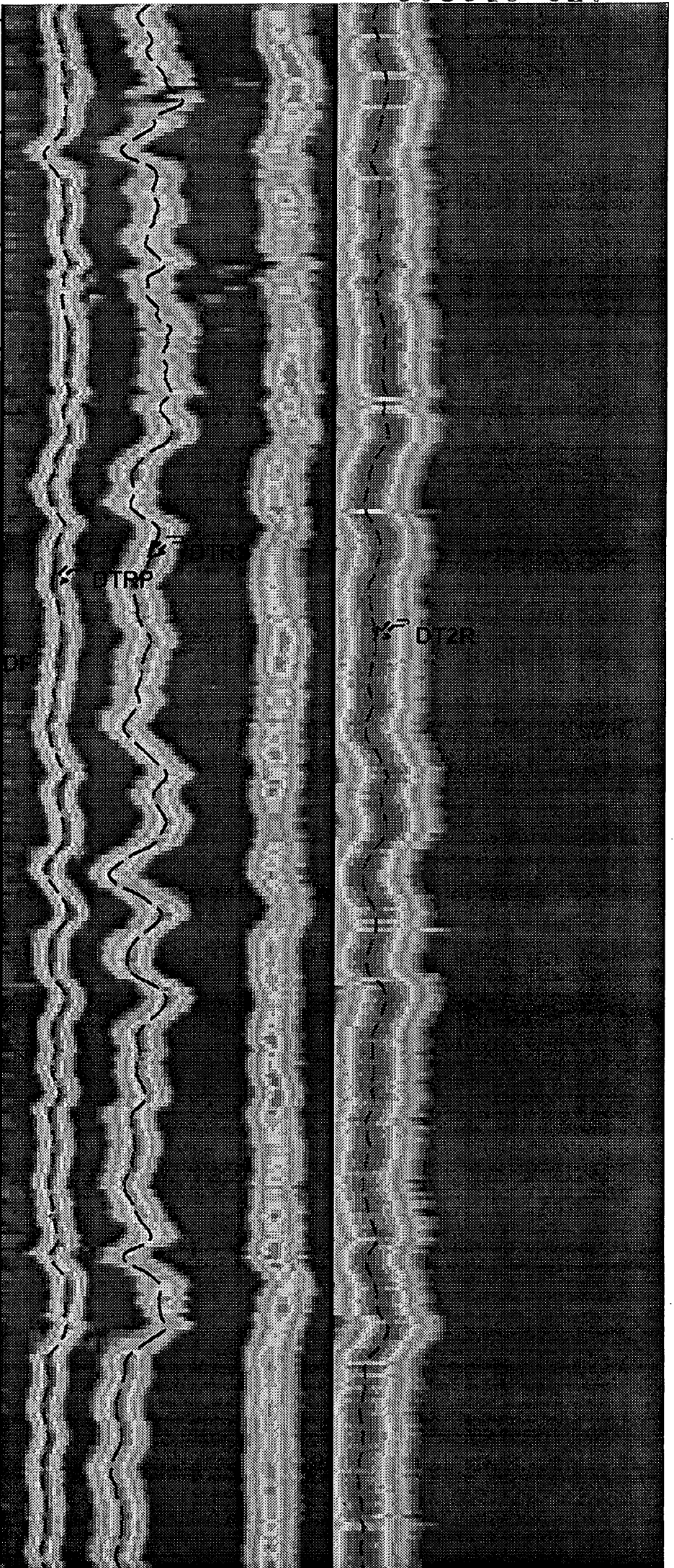
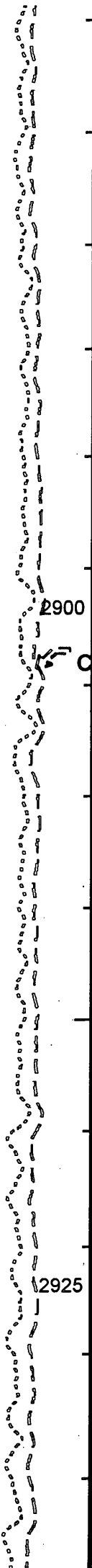
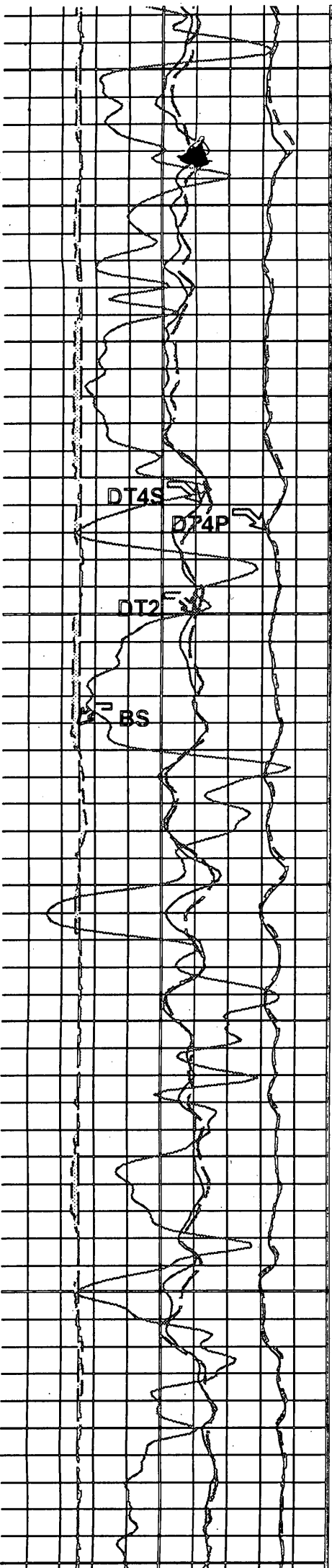
DT2R

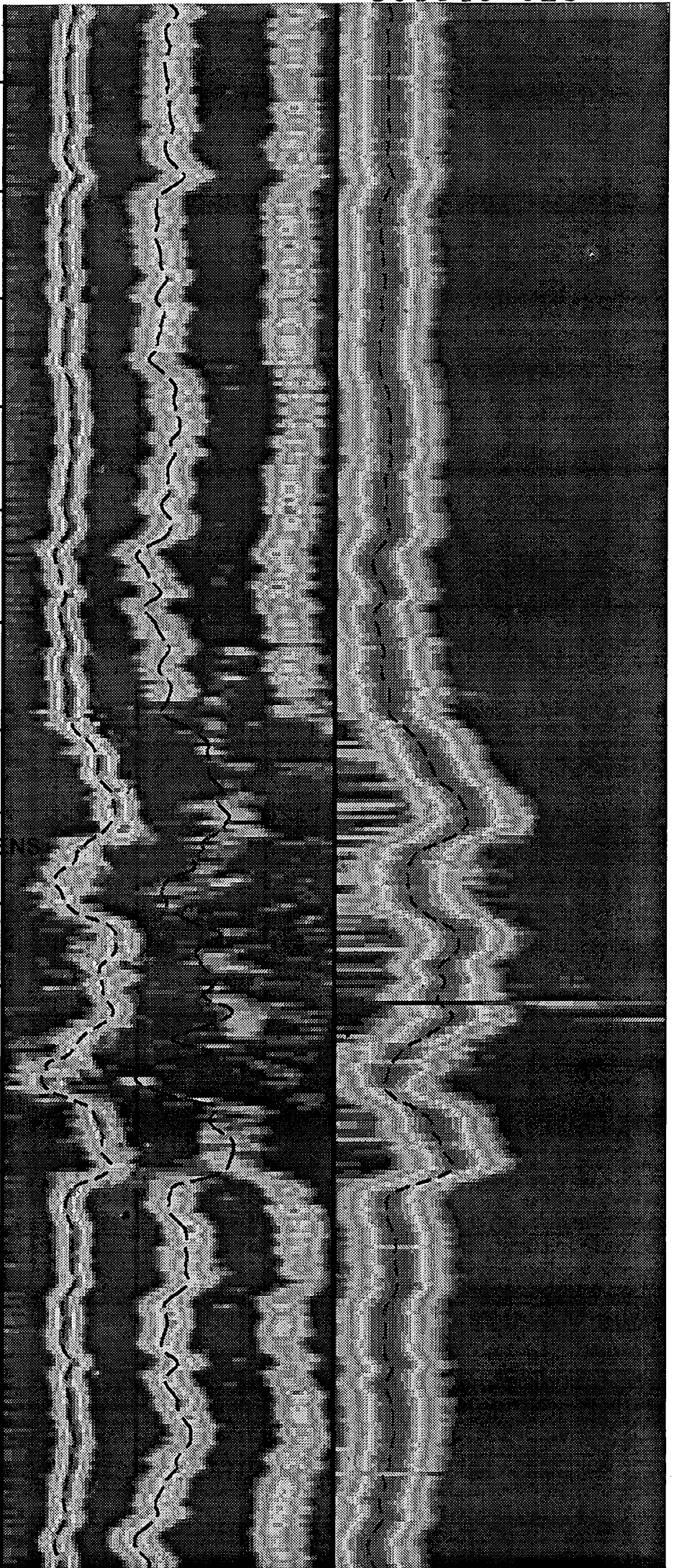
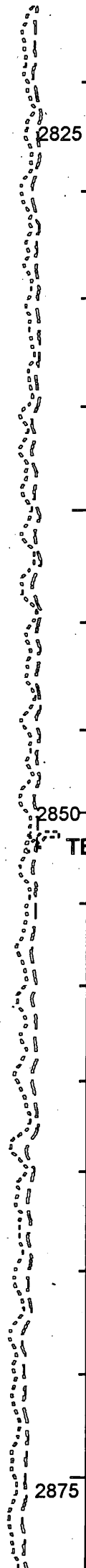
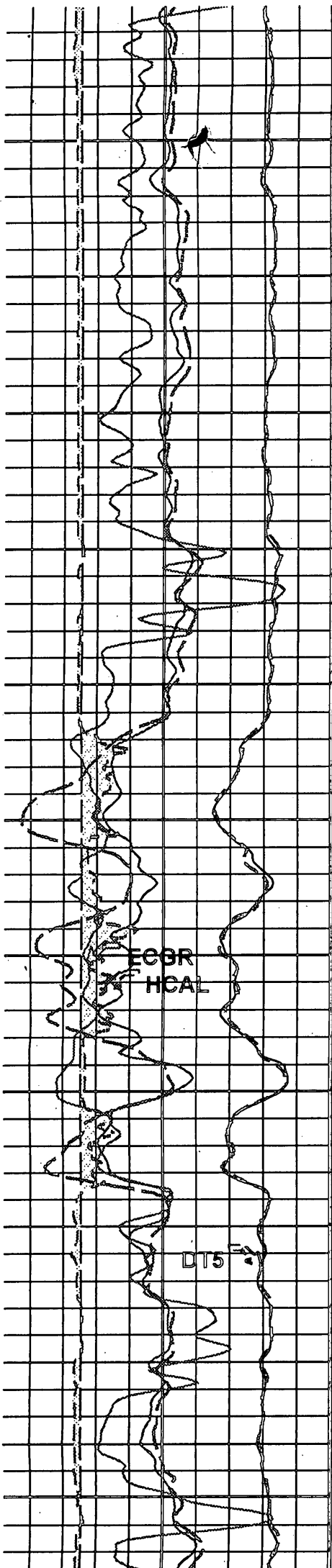


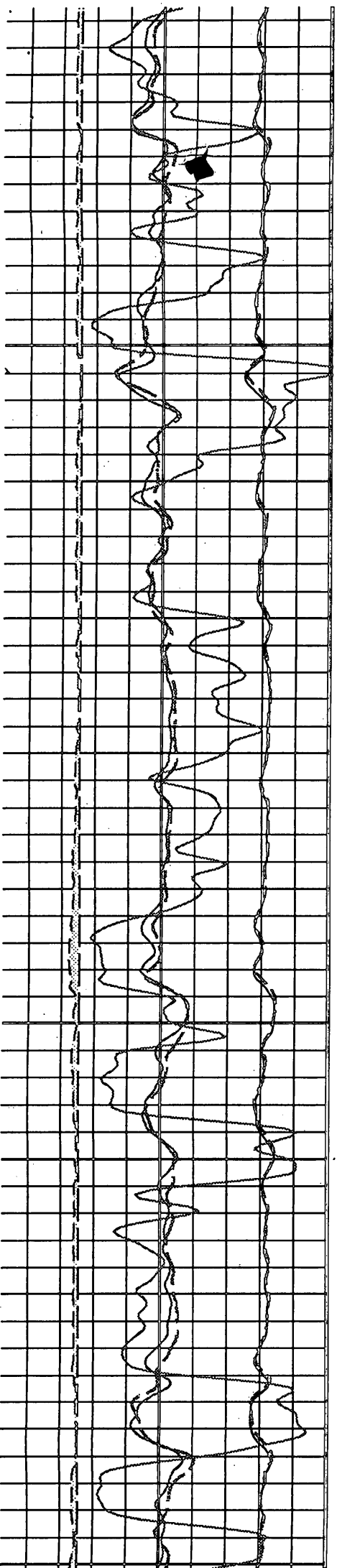




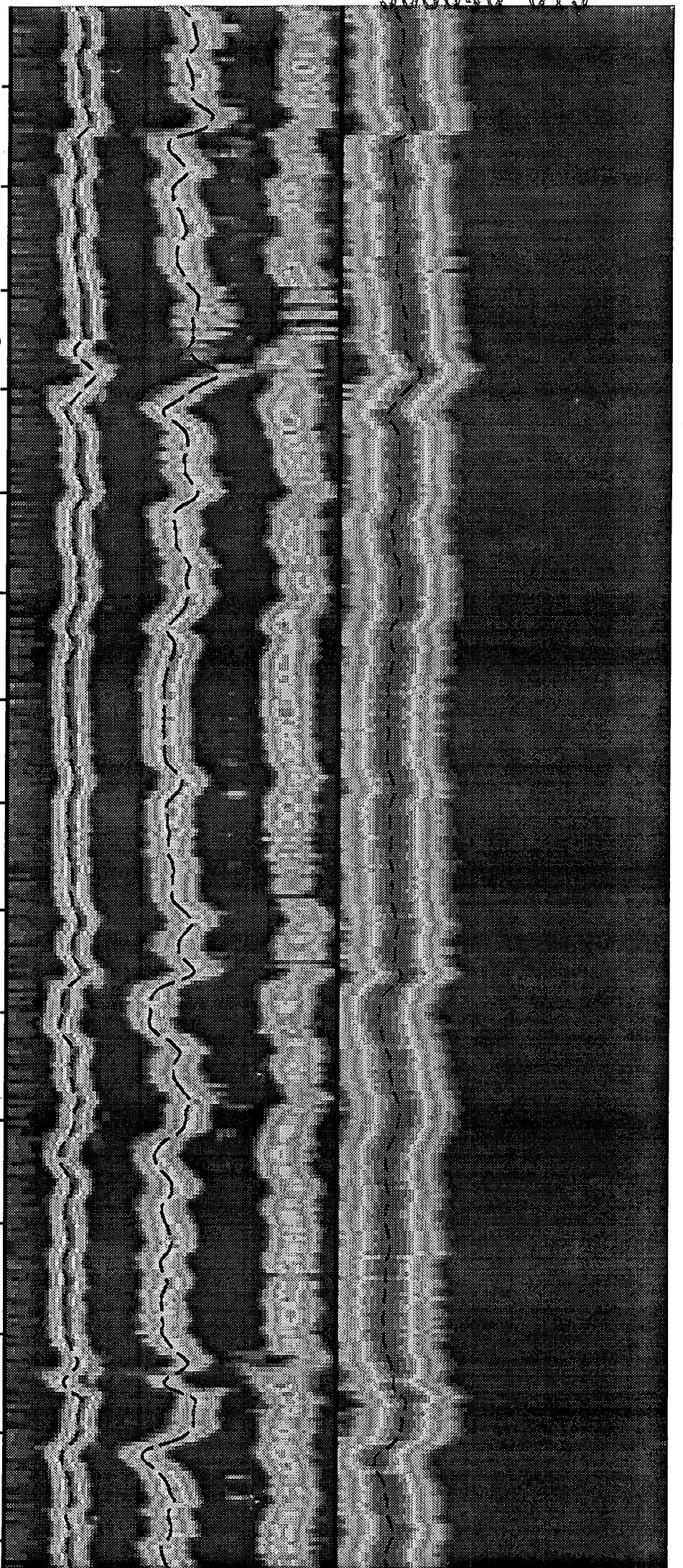


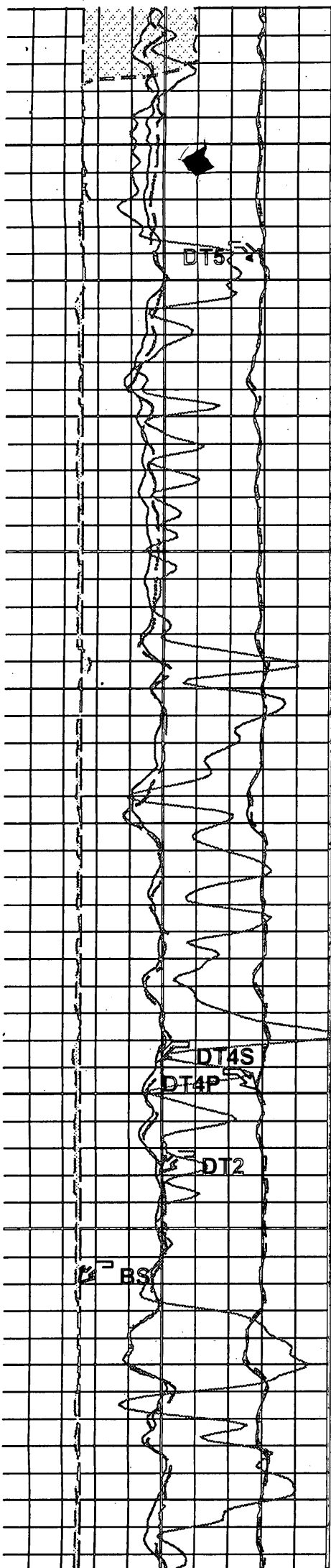






2800  
2775

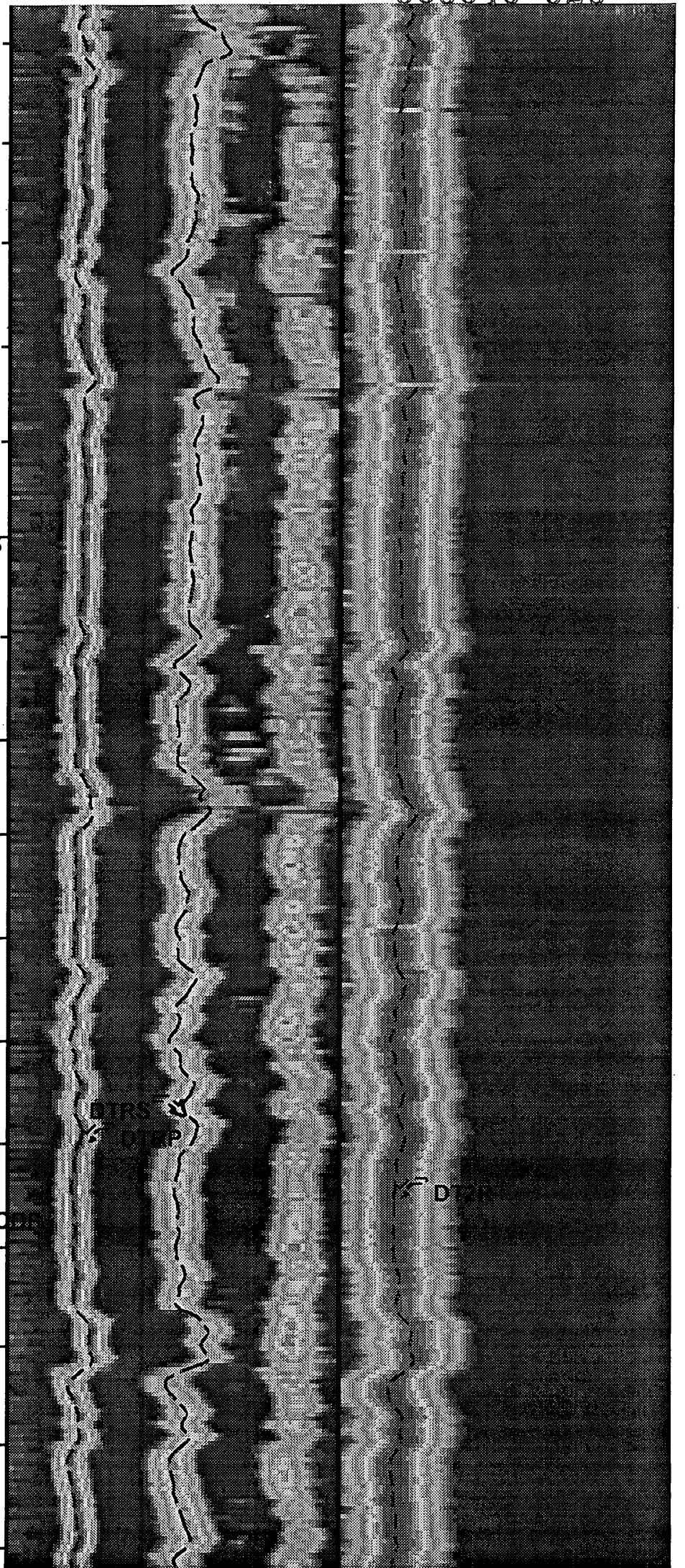




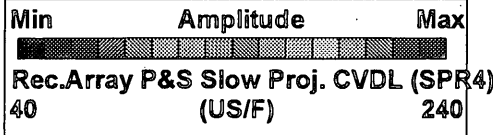
Handwritten notes in Arabic script, oriented vertically along the right side of the grid plot.

2725

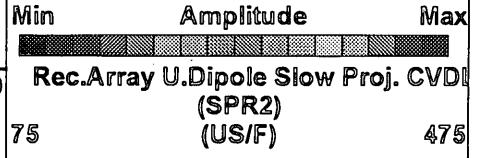
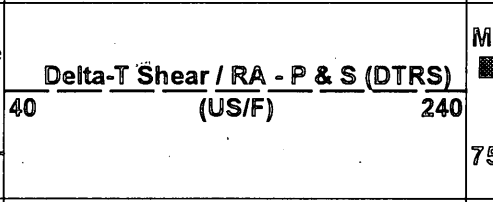
2750



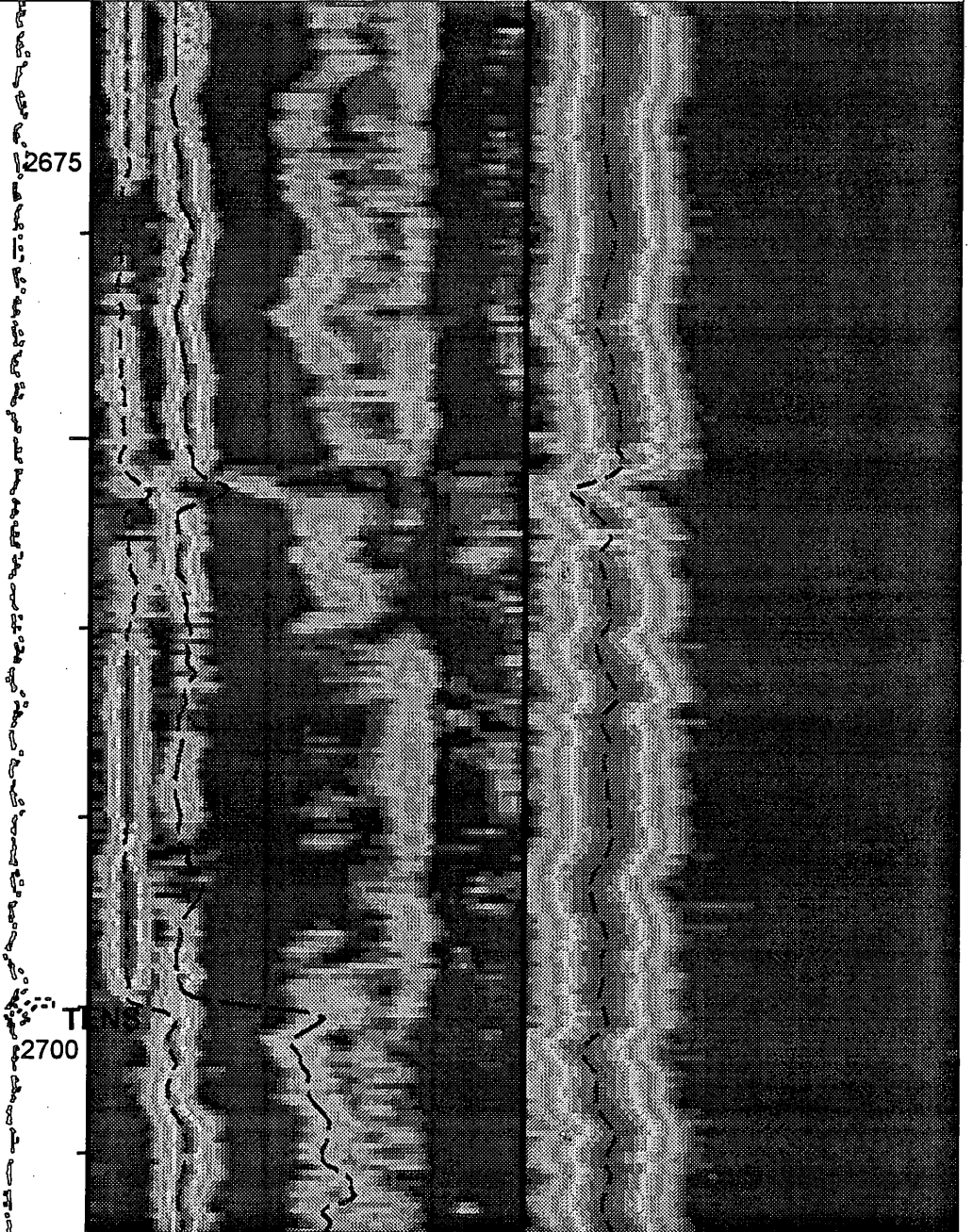
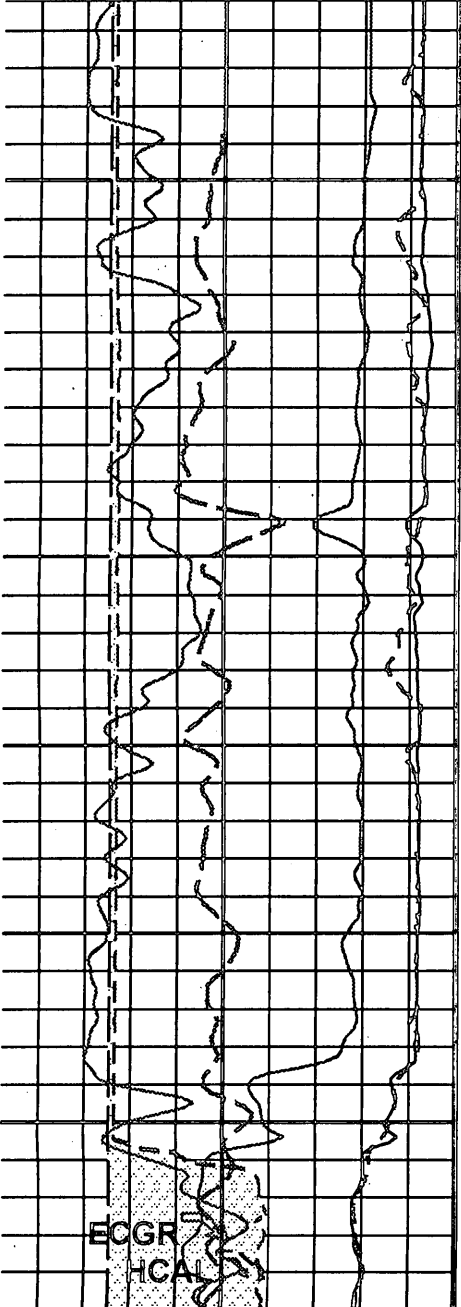
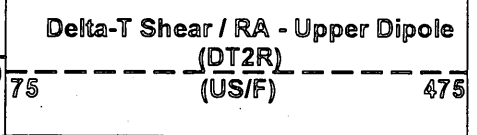
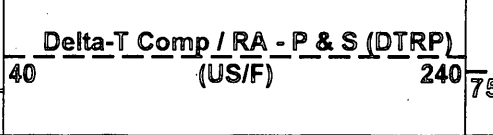
|                              |        |     |
|------------------------------|--------|-----|
| Gamma Ray (ECGR)             |        |     |
| 0                            | (GAPI) | 200 |
| HILT Caliper (HCAL)          |        |     |
| 6                            | (IN)   | 16  |
| Delta-T Comp - FMD (DT5)     |        |     |
| 240                          | (US/F) | 40  |
| Delta-T Shear - P & S (DT4S) |        |     |
| 240                          | (US/F) | 40  |
| Delta-T Comp - P & S (DT4P)  |        |     |
| 240                          | (US/F) | 40  |



|                                       |        |    |
|---------------------------------------|--------|----|
| Delta-T Shear - Upper Dipole (DT2)    |        |    |
| 240                                   | (US/F) | 40 |
| Calibrated Downhole Force (CDF) (LBF) |        |    |
| 1000                                  |        | 0  |



|                      |      |    |
|----------------------|------|----|
| Bit Size (BS)        |      |    |
| 6                    | (IN) | 16 |
| Tension (TENS) (LBF) |      |    |
| 1000                 |      | 0  |



**Output DLIS Files**

|         |                          |       |          |                   |          |          |
|---------|--------------------------|-------|----------|-------------------|----------|----------|
| DEFAULT | HALS_DSI_TLD_MCFL_075LUP | FN:77 | PRODUCER | 14-Nov-2001 02:52 | 3351.0 M | 2670.2 M |
| PEX_BUP | HALS_DSI_TLD_MCFL_075LUP | FN:78 | PRODUCER | 14-Nov-2001 01:52 | 3351.0 M | 2670.2 M |

**OP System Version: 9C2-303**

MCM

|           |          |        |          |
|-----------|----------|--------|----------|
| HALS-B    | OP92-KP2 | DSST-B | OP92-KP2 |
| HILTB-FTB | OP92-KP2 | DTC-A  | OP92-KP2 |
| BSP       | 9C2-303  |        |          |

**PIP SUMMARY**

- + Integrated Transit Time Minor Pip Every 1 MS
- Integrated Transit Time Major Pip Every 10 MS

 Time Mark Every 60 S

**Mudcake**  
From HCAL to BS

**Washout**  
From BS to HCAL



ian@petroconsult.com.au on 11/14/2001 04:38:42 AM

To: kourosh.mehin@nre.vic.gov.au  
cc: (bcc: Kourosh Mehin/NRE)  
Subject: Logng runs for Melville-1

---

Kourosh, I am up looking at the Melville-1 log runs - I am attaching the three displays on these 3 separate emails. There appear to be no zones of interest.

- 1) Platform express
- 2) DSI sonic
- 3) Quicklook evaluation from the rig

As 3 PDS files - I am sending from home as I have a cable internet and it is much faster than at BSOC offices. I might be a bit late sending the P & A programme as I am having a sleep in!

Ian

Ian S. A. Reid  
Terra Firma Technology Pty Ltd  
Ph +61 3 95072235  
Fax +61 3 95072236  
Mobile 0417 391 789

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- PEX\_NUCLEAR\_200\_075.PDS

909040 024

|              |   |           |      |
|--------------|---|-----------|------|
| SST4         | STC Slowness Step - Monopole P&S                | 2         | US/F |
| SSW1         | STC Source Waveform - Lower Dipole              | WF_SAM1   |      |
| SSW2         | STC Source Waveform - Upper Dipole              | WF_SAM2   |      |
| SSW4         | STC Source Waveform - Monopole P&S              | WF_SAM4   |      |
| STLL         | Label Slowness Lower Limit - Monopole Stoneley  | 180       | US/F |
| STUL         | Label Slowness Upper Limit - Monopole Stoneley  | 780       | US/F |
| SUL1         | STC Slowness Upper Limit - Lower Dipole         | 775       | US/F |
| SUL2         | STC Slowness Upper Limit - Upper Dipole         | 475       | US/F |
| SUL3         | STC Slowness Upper Limit - Monopole Stoneley    | 780       | US/F |
| SUL4         | STC Slowness Upper Limit - Monopole P&S         | 240       | US/F |
| SWD1         | STC Slowness Width - Lower Dipole               | 40        | US/F |
| SWD2         | STC Slowness Width - Upper Dipole               | 40        | US/F |
| SWD3         | STC Slowness Width - Monopole Stoneley          | 40        | US/F |
| SWD4         | STC Slowness Width - Monopole P&S               | 10        | US/F |
| TBF1         | STC Time for Baseline Fill - Lower Dipole       | 0         | US   |
| TBF2         | STC Time for Baseline Fill - Upper Dipole       | 0         | US   |
| TBF3         | STC Time for Baseline Fill - Monopole Stoneley  | 0         | US   |
| TBF4         | STC Time for Baseline Fill - Monopole P&S       | 300       | US   |
| TCOR         | HALS TLC Correction                             | OFF       |      |
| TD           | Total Depth                                     | 3345      | M    |
| TDD          | Total Depth - Driller                           | 3345.00   | M    |
| TDL          | Total Depth - Logger                            | -50000.00 | M    |
| TLL1         | STC Time Lower Limit - Lower Dipole             | 600       | US   |
| TLL2         | STC Time Lower Limit - Upper Dipole             | 600       | US   |
| TLL3         | STC Time Lower Limit - Monopole Stoneley        | 600       | US   |
| TLL4         | STC Time Lower Limit - Monopole P&S             | 150       | US   |
| TST1         | STC Time Step - Lower Dipole                    | 200       | US   |
| TST2         | STC Time Step - Upper Dipole                    | 200       | US   |
| TST3         | STC Time Step - Monopole Stoneley               | 200       | US   |
| TST4         | STC Time Step - Monopole P&S                    | 50        | US   |
| TUL1         | STC Time Upper Limit - Lower Dipole             | 13525     | US   |
| TUL2         | STC Time Upper Limit - Upper Dipole             | 12225     | US   |
| TUL3         | STC Time Upper Limit - Monopole Stoneley        | 12000     | US   |
| TUL4         | STC Time Upper Limit - Monopole P&S             | 3660      | US   |
| TWD1         | STC Time Width - Lower Dipole                   | 2000      | US   |
| TWD2         | STC Time Width - Upper Dipole                   | 2000      | US   |
| TWD3         | STC Time Width - Monopole Stoneley              | 2000      | US   |
| TWD4         | STC Time Width - Monopole P&S                   | 1000      | US   |
| TWI1         | STC Integration Time Window - Lower Dipole      | 1600      | US   |
| TWI2         | STC Integration Time Window - Upper Dipole      | 1600      | US   |
| TWI3         | STC Integration Time Window - Monopole Stoneley | 2400      | US   |
| TWI4         | STC Integration Time Window - Monopole P&S      | 500       | US   |
| TWRX         | Transmitter Waveform Sample Rate X              | 5         | US   |
| TWS          | Temperature of Connate Water Sample             | 37.78     | DEGC |
| TWSX         | Transmitter Waveform Select X                   | 0         |      |
| UNSPK        | HALS Despiking Filter Option                    | OFF       |      |
| UNSPK_THOLD  | HALS Despiking Filter Threshold (in %)          | 20        | %    |
| UNSPK_WINDOW | HALS Despiking Filter Window (inches)           | 6         | IN   |
| UTXG         | Upper Dipole Transmitter Geometry               | 162       | IN   |
| WFDTS1       | SAM1 Waveform Delta for Spectrum                | 0         | US/F |
| WFDTS2       | SAM2 Waveform Delta for Spectrum                | 0         | US/F |
| WFDTS3       | SAM3 Waveform Delta for Spectrum                | 0         | US/F |
| WFDTS4       | SAM4 Waveform Delta for Spectrum                | 0         | US/F |
| WFDTSX       | SAMX Waveform Delta for Spectrum                | 0         | US/F |
| WFLLS1       | SAM1 Waveform Lower Limit for Spectrum          | 0         | US   |
| WFLLS2       | SAM2 Waveform Lower Limit for Spectrum          | 0         | US   |
| WFLLS3       | SAM3 Waveform Lower Limit for Spectrum          | 0         | US   |
| WFLLS4       | SAM4 Waveform Lower Limit for Spectrum          | 0         | US   |
| WFLLSX       | SAMX Waveform Lower Limit for Spectrum          | 0         | US   |
| WFM1         | Waveform Mode 1                                 | W1        |      |
| WFM2         | Waveform Mode 2                                 | W1        |      |
| WFM3         | Waveform Mode 3                                 | W1        |      |
| WFM4         | Waveform Mode 4                                 | W1        |      |
| WFM5         | Waveform Mode 5                                 | W1        |      |
| WFMX         | Waveform Mode X                                 | W1        |      |
| WFULS1       | SAM1 Waveform Upper Limit for Spectrum          | 20000     | US   |
| WFULS2       | SAM2 Waveform Upper Limit for Spectrum          | 20000     | US   |
| WFULS3       | SAM3 Waveform Upper Limit for Spectrum          | 20000     | US   |
| WFULS4       | SAM4 Waveform Upper Limit for Spectrum          | 5000      | US   |
| WFULSX       | SAMX Waveform Upper Limit for Spectrum          | 20000     | US   |

Format: PEX\_NUCLEAR\_200

Vertical Scale: 1:200

Graphics File Created: 14-Nov-2001 02:52

### OP System Version: 9C2-303

MCM

|           |          |        |          |
|-----------|----------|--------|----------|
| HALS-B    | OP92-KP2 | DSST-B | OP92-KP2 |
| HILTB-FTB | OP92-KP2 | DTC-A  | OP92-KP2 |
| BSP       | 9C2-303  |        |          |

### Output DLIS Files

|         |                          |       |          |                   |
|---------|--------------------------|-------|----------|-------------------|
| DEFAULT | HALS_DSI_TLD_MCFL_075LUP | FN:77 | PRODUCER | 14-Nov-2001 02:52 |
| PEX_BUP | HALS_DSI_TLD_MCFL_075LUP | FN:78 | PRODUCER | 14-Nov-2001 01:52 |



|           |  |             |      |
|-----------|--|-------------|------|
| MHC0      | MCFL B0 Contrast Correction Coefficient                                  | 2.2e-005    | OHMS |
| MHC1      | MCFL B1 Contrast Correction Coefficient                                  | 3.2e-005    | OHMS |
| MHCC      | MCFL High Contrast Correction Switch                                     | NO          |      |
| MPOF      | MCFL Processing Operation Mode   | ON          |      |
| MSA       | Minimum Sonic Amplitude  | 19.7824     | MV   |
| MST       | Mud Sample Temperature   | 18.00       | DEGC |
| MTXG      | Monopole Transmitter Geometry  | 186         | IN   |
| MWCO      | Mud Weight Correction Option   | YES         |      |
| NAAC      | HRDD APS Activation Correction   | OFF         |      |
| NMT       | HILT Nuclear Mud Type  | NOBARITE    |      |
| NPRM      | HRDD Processing Mode   | StdRes      |      |
| NSAR      | HRDD Depth Sampling Rate   | 1           | IN   |
| NWS1      | Number Waveforms Stacked 1   | 1           |      |
| NWS2      | Number Waveforms Stacked 2   | 1           |      |
| NWS3      | Number Waveforms Stacked 3   | 1           |      |
| NWS4      | Number Waveforms Stacked 4   | 1           |      |
| NWS5      | Number Waveforms Stacked 5   | 1           |      |
| NWSX      | Number Waveforms Stacked X   | 1           |      |
| PBVSADP   | Use alternate depth channel for playback                                 | NO          |      |
| PHIMAX    | HILT max porosity  | 35          | PU   |
| PTCO      | Pressure/Temperature Correction Option                                   | YES         |      |
| RATE      | Firing Rate  | R7          |      |
| RIMP      | HALS Right Image Processing  | ShallowRaw  |      |
| RMFS      | Resistivity of Mud Filtrate Sample                                       | 0.1110      | OHMM |
| RSMN      | Label Shear/Compressional Minimum Ratio - Monopole P&S                   | 1.4         |      |
| RSMX      | Label Shear/Compressional Maximum Ratio - Monopole P&S                   | 2.12        |      |
| RTCOMP    | HALS Rt Computation  | Hals_LowRes |      |
| RTRE      | HALS Resistivity Threshold   | 100000      | OHMM |
| RW        | Resistivity of Connate Water   | 1.0000      | OHMM |
| RX1G      | Receiver 1 Geometry  | 294         | IN   |
| RX2G      | Receiver 2 Geometry  | 300         | IN   |
| RX3G      | Receiver 3 Geometry  | 306         | IN   |
| RX4G      | Receiver 4 Geometry  | 312         | IN   |
| RX5G      | Receiver 5 Geometry  | 318         | IN   |
| RX6G      | Receiver 6 Geometry  | 324         | IN   |
| RX7G      | Receiver 7 Geometry  | 330         | IN   |
| RX8G      | Receiver 8 Geometry  | 336         | IN   |
| SAM1      | DSST Sonic Acquisition Mode 1 - Lower Dipole Mode                        | OFF         |      |
| SAM2      | DSST Sonic Acquisition Mode 2 - Upper Dipole Mode                        | ODD         |      |
| SAM3      | DSST Sonic Acquisition Mode 3 - Low Frequency Monopole Mode for Stoneley | OFF         |      |
| SAM4      | DSST Sonic Acquisition Mode 4 - High Frequency Monopole Mode for P&S     | EVEN        |      |
| SAM5      | DSST Sonic Acquisition Mode 5 - High Frequency Monopole Mode for FMD     | ODD         |      |
| SAMX      | DSST Sonic Acquisition Mode X - Both Dipoles or Monopole Mode for Expert | OFF         |      |
| SAS1      | STC Sonic Array Status - Lower Dipole                                    | 255         |      |
| SAS2      | STC Sonic Array Status - Upper Dipole                                    | 255         |      |
| SAS3      | STC Sonic Array Status - Monopole Stoneley                               | 255         |      |
| SAS4      | STC Sonic Array Status - Monopole P&S                                    | 255         |      |
| SAS5      | Sonic Array Status - FMD   | 255         |      |
| SBO1      | STC Search Band Offset - Lower Dipole                                    | 3000        | US   |
| SBO2      | STC Search Band Offset - Upper Dipole                                    | 3000        | US   |
| SBO3      | STC Search Band Offset - Monopole Stoneley                               | 3000        | US   |
| SBO4      | STC Search Band Offset - Monopole P&S                                    | 500         | US   |
| SBR4      | STC Baseline Removal - Monopole P&S                                      | ON          |      |
| SBW1      | STC Search Bandwidth - Lower Dipole                                      | 8000        | US   |
| SBW2      | STC Search Bandwidth - Upper Dipole                                      | 8000        | US   |
| SBW3      | STC Search Bandwidth - Monopole Stoneley                                 | 8000        | US   |
| SBW4      | STC Search Bandwidth - Monopole P&S                                      | 2000        | US   |
| SDAT      | Standoff Data Source   | SOCN        |      |
| SEXP_HILT | HILT Saturation Exponent   | 2           |      |
| SFC1      | STC Formation Character - Lower Dipole                                   | SELECTABLE  |      |
| SFC2      | STC Formation Character - Upper Dipole                                   | SELECTABLE  |      |
| SFC3      | STC Formation Character - Monopole Stoneley                              | SELECTABLE  |      |
| SFC4      | STC Formation Character - Monopole P&S                                   | SELECTABLE  |      |
| SFM1      | STC Filter - Lower Dipole  | B1-3K       |      |
| SFM2      | STC Filter - Upper Dipole  | B1-3K       |      |
| SFM3      | STC Filter - Monopole Stoneley   | B.5-1.5K    |      |
| SFM4      | STC Filter - Monopole P&S  | B3-20K      |      |
| SHLL      | Label Slowness Lower Limit - Monopole P&S Shear                          | 75          | US/F |
| SHT       | Surface Hole Temperature   | 15          | DEGC |
| SHUL      | Label Slowness Upper Limit - Monopole P&S Shear                          | 180         | US/F |
| SLL1      | STC Slowness Lower Limit - Lower Dipole                                  | 75          | US/F |
| SLL2      | STC Slowness Lower Limit - Upper Dipole                                  | 75          | US/F |
| SLL3      | STC Slowness Lower Limit - Monopole Stoneley                             | 180         | US/F |
| SLL4      | STC Slowness Lower Limit - Monopole P&S                                  | 40          | US/F |
| SOCN      | Standoff Distance  | 0           | IN   |
| SOCO      | Standoff Correction Option   | NO          |      |
| SPCO      | HALS-B Special Power Connection  | ON          |      |
| SPFS      | Sonic Porosity Formula   | RAYMER_HUNT |      |
| SPNV      | SP Next Value  | 0           | MV   |
| SPSO      | Sonic Porosity Source  | DTCO        |      |
| SST1      | STC Slowness Step - Lower Dipole   | 4           | US/F |
| SST2      | STC Slowness Step - Upper Dipole   | 4           | US/F |
| SST3      | STC Slowness Step - Monopole Stoneley                                    | 4           | US/F |

|                  |   |                  |      |
|------------------|---|------------------|------|
| DSHU             | Label Slowness Upper Limit - Dipole Shear         | 475              | US/F |
| DSI1             | Digitizer Sample Interval 1                       | 40               | US   |
| DSI2             | Digitizer Sample Interval 2                       | 40               | US   |
| DSI3             | Digitizer Sample Interval 3                       | 40               | US   |
| DSI4             | Digitizer Sample Interval 4                       | 10               | US   |
| DSI5             | Digitizer Sample Interval 5                       | 10               | US   |
| DSIX             | Digitizer Sample Interval X                       | 40               | US   |
| DTCS             | Compressional Delta-T Source for DTCO Channel     | PS_COMP          |      |
| DTF              | Delta-T Fluid                                     | 189              | US/F |
| DTM              | Delta-T Matrix                                    | 56               | US/F |
| DTSS             | Shear Delta-T Source for DTSM Channel             | UPPER_DIPOLE     |      |
| DWC1             | Digitizer Word Count 1                            | 512              |      |
| DWC2             | Digitizer Word Count 2                            | 512              |      |
| DWC3             | Digitizer Word Count 3                            | 512              |      |
| DWC4             | Digitizer Word Count 4                            | 512              |      |
| DWC5             | Digitizer Word Count 5                            | 512              |      |
| DWCX             | Digitizer Word Count X                            | 512              |      |
| EXSICL           | External Shale Indicator Clean Value              | 20               |      |
| EXSISH           | External Shale Indicator Shale Value              | 200              |      |
| FCD              | Future Casing (Outer) Diameter                    | 7                | IN   |
| FCF              | CBL Fluid Compensation Factor                     | 1                |      |
| FD               | Fluid Density                                     | 1                | G/C3 |
| FEXP             | Form Factor Exponent                              | 2                |      |
| FGM5             | First Motion Gate Moveout 5                       | 40               | US/F |
| FILG             | Label Fill Gap Control - Monopole P&S             | COMP_SHEAR       |      |
| FMG5             | First Motion Minimum Gate 5                       | 500              | US   |
| FMLL             | Slowness Lower Limit - FMD                        | 40               | US/F |
| FMRC             | Restart Control - FMD                             | CONTINUE         |      |
| FMT5             | First Motion Threshold 5                          | UP               |      |
| FMUL             | Slowness Upper Limit - FMD                        | 180              | US/F |
| FNUM             | Form Factor Numerator                             | 1                |      |
| FPHI             | Form Factor Porosity Source                       | PXND HILT        |      |
| FPM              | Processing Mode - FMD                             | DFMD             |      |
| FSAL             | Formation Salinity                                | -50000           | PPM  |
| FSCO             | Formation Salinity Correction Option              | NO               |      |
| GCSE             | Generalized Caliper Selection                     | HCAL             |      |
| GDEV             | Average Angular Deviation of Borehole from Normal | 0                | DEG  |
| GDT1             | Gain Delta-T 1                                    | 800              | US/F |
| GDT2             | Gain Delta-T 2                                    | 800              | US/F |
| GDT3             | Gain Delta-T 3                                    | 800              | US/F |
| GDT4             | Gain Delta-T 4                                    | 160              | US/F |
| GDT5             | Gain Delta-T 5                                    | 160              | US/F |
| GDTX             | Gain Delta-T X                                    | 800              | US/F |
| GGRD             | Geothermal Gradient                               | 0.018227         | DC/M |
| GIN1             | Gain Interval 1                                   | 15360            | US   |
| GIN2             | Gain Interval 2                                   | 15360            | US   |
| GIN3             | Gain Interval 3                                   | 15360            | US   |
| GIN4             | Gain Interval 4                                   | 2560             | US   |
| GIN5             | Gain Interval 5                                   | 1600             | US   |
| GINX             | Gain Interval X                                   | 15360            | US   |
| GOBO             | Good Bond   | 2                | MV   |
| GRCC             | HALS Groningen Correction                         | OFF              |      |
| GRSE             | Generalized Mud Resistivity Selection             | HALS_RESIST      |      |
| GTSE             | Generalized Temperature Selection                 | LINEAR_ESTIMATE  |      |
| HACPP            | Accelerometer PROM Presence                       | PRESENT_DOWNHOLE |      |
| HART             | Accelerometer Reference Temperature               | 20               | DEGC |
| HDCOD            | HILT Density Coal detection                       | 2                | G/C3 |
| HDSAD            | HILT Density Salt detection                       | 2.1              | G/C3 |
| HILT_GAS_DENSITY | HILT Gas Downhole Density                         | 0                | G/C3 |
| HILT_GAS_OPTION  | HILT Gas Computation Option                       | OFF              |      |
| HLAC             | HALS-B Loop A Coefficient                         | LOW              |      |
| HLMO             | HALS Logging Mode                                 | STAN             |      |
| HMSO             | HALS Mechanical Standoff                          | 1.5              | IN   |
| HNCOD            | HILT Neutron Coal detection                       | 45               | PU   |
| HNSAD            | HILT Neutron Salt detection                       | 5                | PU   |
| HPHIECUT         | HILT effective Porosity Cutoff                    | 5                | PU   |
| HRUN             | HALS-B Record Uncalibrated Channels               | NO               |      |
| HSCO             | Hole Size Correction Option                       | YES              |      |
| HSIS             | HILT Shale Indicator Selection                    | GR               |      |
| HSWCUT           | HILT Water Saturation from AITH cutoff            | 50               | %    |
| HVCS             | Integrated Hole Volume Caliper Selection          | HCAL             |      |
| IMOS             | HALS Image Orientation                            | OFF              |      |
| ITTS             | Integrated Transit Time Source                    | DTCO             |      |
| LFC              | Label Formation Character - Monopole P&S          | DYNAMIC          |      |
| LIMP             | HALS Left Image Processing                        | DeepRaw          |      |
| LOP1             | HALS-B Mode 1 Loop Mode                           | OFF              |      |
| LOP2             | HALS-B Mode 2 Loop Mode                           | OFF              |      |
| LOP3             | HALS-B Mode 3 Loop Mode                           | OFF              |      |
| LTXG             | Lower Dipole Transmitter Geometry                 | 156              | IN   |
| MAI5             | Slowness Averaging Interval - FMD                 | 42               | IN   |
| MATR             | Rock Matrix for Neutron Porosity Corrections      | LIMESTONE        |      |
| MCCO             | Mud Cake Correction Option                        | YES              |      |
| MCI              | Minimum Cemented Interval                         | 4.51523          | M    |
| MCOR             | Mud Correction                                    | NATU             |      |
| MCS              | Mean Casing Slowness                              | 57               | US/F |
| MDEN             | Matrix Density                                    | 2.71             | G/C3 |
| MDS5             | Multishot Delta-T Scatter - FMD                   | 20               | US   |

3350

Image: Shallow Raw Conductivities (MMHO)

909040 027

|                             |     |   |  |   |  |
|-----------------------------|-----|---|--|---|--|
| SP (SP)<br>(MV)             | 20  | Std. Res. Density Standoff (DSOZ)<br>2.5 (IN) 0     | Laterolog Deep Resistivity (HLLD)<br>(OHMM) 2000         | Calibrated Downhole Force (CDF) (LBF)<br>1000 0 | Density Correction (HDRA)<br>(G/C3) 0.25         |
| Bit Size (BS)<br>(IN)       | 16  | Std. Res. Resistivity Standoff (RSOZ)<br>2.5 (IN) 0 | Laterolog Shallow Resistivity (HLLS)<br>(OHMM) 2000      | Tension (TENS) (LBF)<br>1000 0                  | Std. Res. Formation Pe (PEFZ)<br>(---) 10        |
| HILT Caliper (HCAL)<br>(IN) | 16  |   | Std. Res. Invaded Zone Resistivity (RXOZ)<br>(OHMM) 2000 |   | Std. Res. Formation Density (RHO)<br>(G/C3) 2.95 |
| Gamma Ray (ECGR)<br>(GAPI)  | 200 |   |  |   | Neutron Porosity (TNPH)<br>(V/V) -0.15           |
| Washout<br>From BS to HCAL  |     |   | Crossover<br>From RHOZ to TNPH                           |   |  |
| Mudcake<br>From HCAL to BS  |     |   |  |   |  |

## PIP SUMMARY

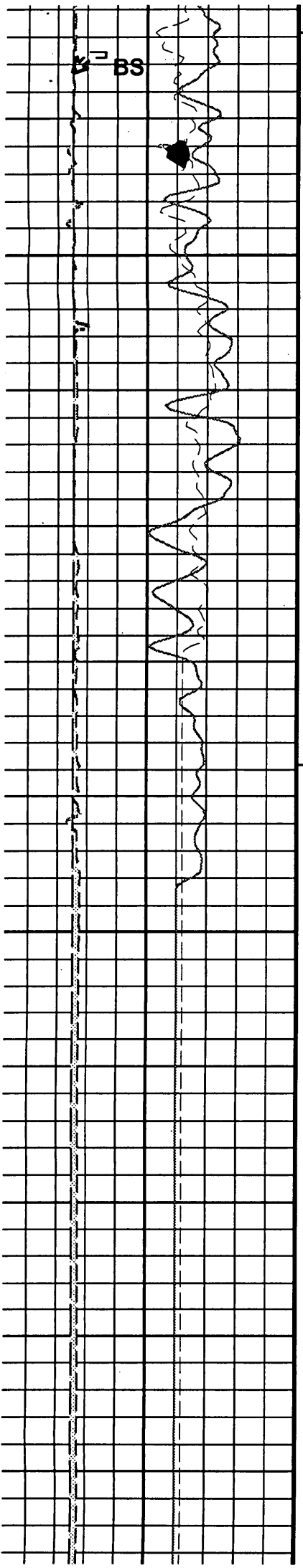
- └ Integrated Hole Volume Minor Pip Every 1 M3
- └ Integrated Hole Volume Major Pip Every 10 M3
  - └ Integrated Cement Volume Minor Pip Every 1 M3
  - └ Integrated Cement Volume Major Pip Every 10 M3

Time Mark Every 60 S

## Parameters

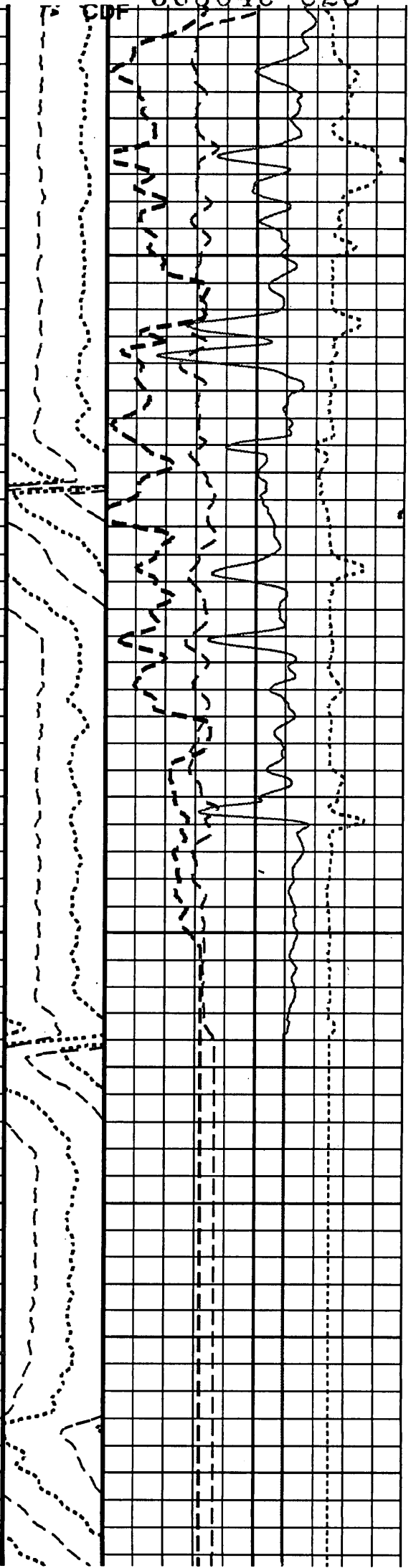
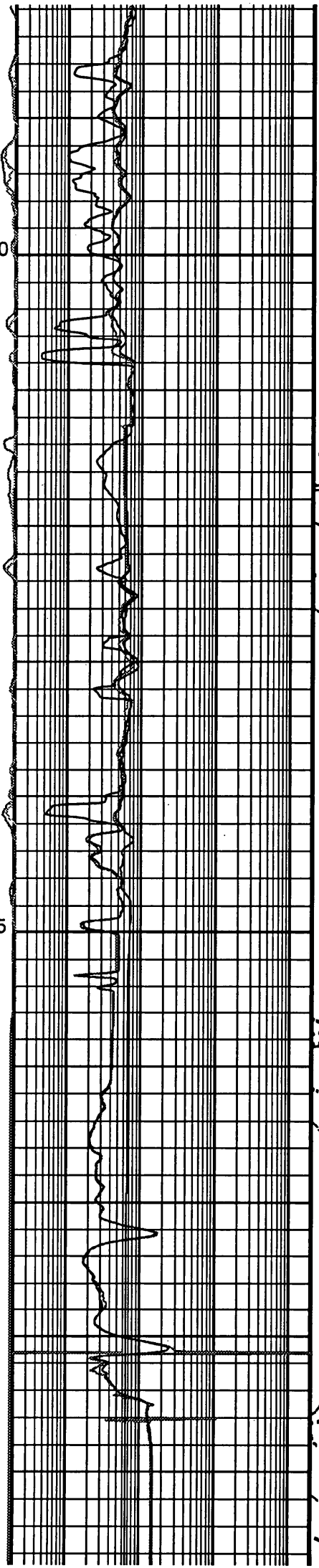
| DLIS Name     | Description  | Value               |
|---------------|--|---------------------|
| A2EX          | HALS Type of Image                                       | Conductivities      |
| AGOS          | HALS-B A2 Extended (Groningen effect)                    | OFF                 |
| ALTDPCAN      | HALS-GPIT OFFSET   | -90 IN              |
| ARIP_LTS      | Name of alternate depth channel                          | SpeedCorrectedDepth |
| ARIP_SHOULDER | HALS Long Tool String Correction                         | OFF                 |
| BARS_MTR1     | HALS Shoulder Correction                                 | OFF                 |
| BHCC          | Length for Monopole Transmitter to Receiver 1            | 2.7432 M            |
| BHFL          | HALS Borehole Correction                                 | ON                  |
| BHS           | Borehole Fluid Type                                      | WATER               |
| BHT           | Borehole Status  | OPEN                |
| BILI          | Bottom Hole Temperature (used in calculations)           | 105 DEGC            |
| BS            | Bond Index Level for Zone Isolation                      | 0.8                 |
| BSAL          | Bit Size   | 8.500 IN            |
| BSCO          | Borehole Salinity  | 32000.00 PPM        |
| CASF          | Borehole Salinity Correction Option                      | YES                 |
| CCCO          | Label Casing Function - Monopole P&S                     | 50                  |
| CDTS          | Casing & Cement Thickness Correction Option              | NO                  |
| COLL          | C-Delta-T Shale  | 100 US/F            |
| COUL          | Label Slowness Lower Limit - Monopole P&S Compressional  | 40 US/F             |
| CSIZ          | Label Slowness Upper Limit - Monopole P&S Compressional  | 180 US/F            |
| CSTR          | Current Casing Size                                      | 9.625 IN            |
| CWEI          | Compressive Strength of Cement                           | 0 KPAA              |
| DDE1          | Casing Weight  | 47.00 LB/F          |
| DDE2          | Digitizing Delay 1                                       | 0 US                |
| DDE3          | Digitizing Delay 2                                       | 0 US                |
| DDE4          | Digitizing Delay 3                                       | 0 US                |
| DDE5          | Digitizing Delay 4                                       | 0 US                |
| DDEX          | Digitizing Delay 5                                       | 0 US                |
| DFD           | Digitizing Delay X                                       | 0 US                |
| DHC           | Drilling Fluid Density                                   | 1.12 G/C3           |
| DHOP          | Density Hole Correction                                  | BS                  |
|               | Diameter & Eccentering used in HALS Borehole Corrections | Caliper_Centered    |
| DLCS          | Label Compressional Source - Dipole Shear                | USE                 |
| DLHS          | Label Hole Diameter Source for SOBS Channel              | AUTO                |
| DPPM          | Density Porosity Processing Mode                         | HIRS                |
| DSHL          | Label Slowness Lower Limit - Dipole Shear                | 75 US/F             |

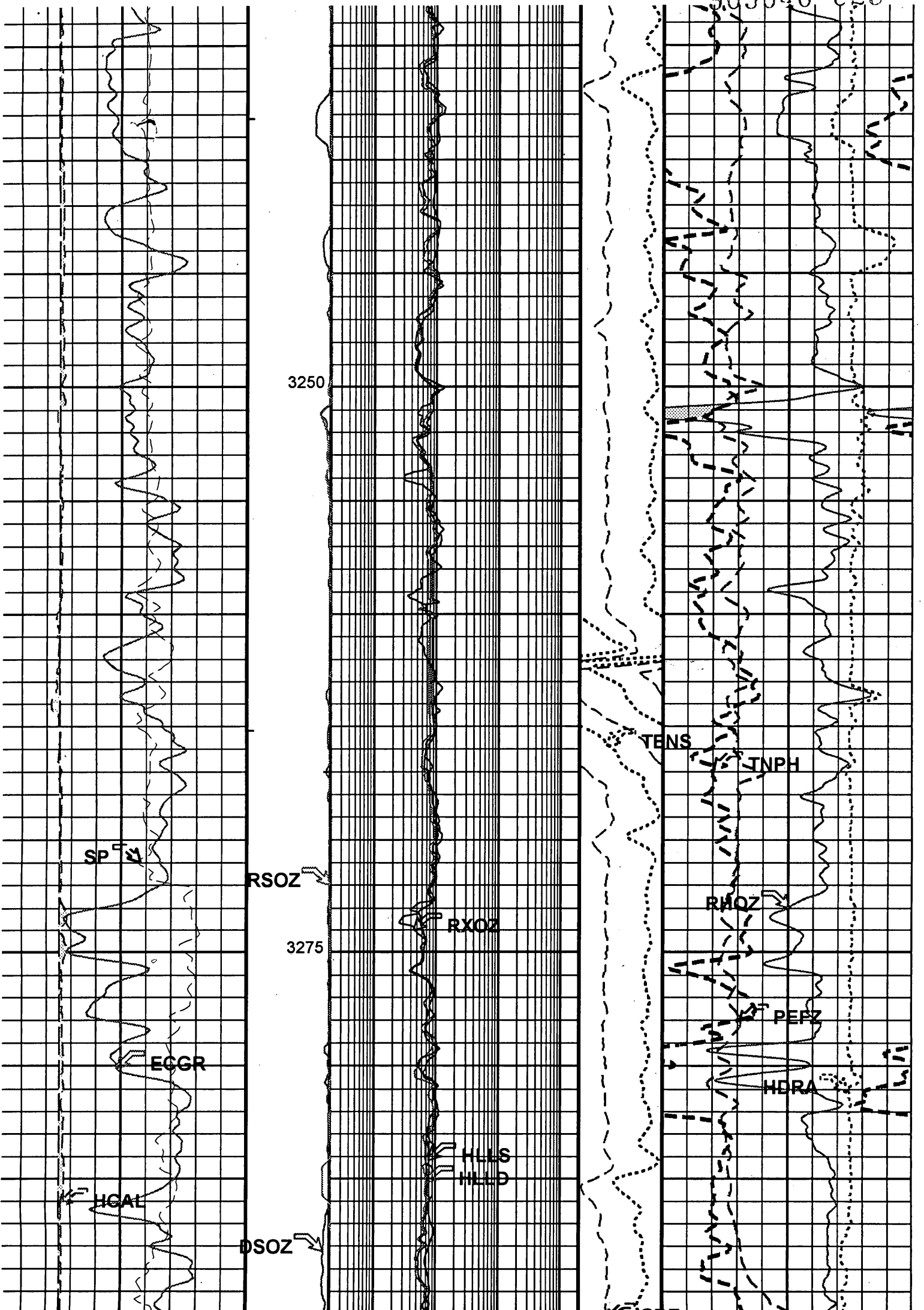
CDP

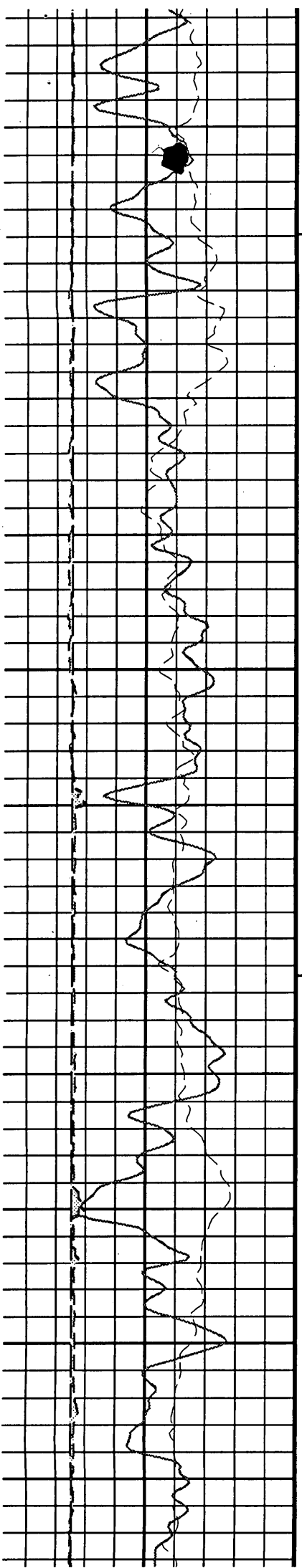


3300

3325

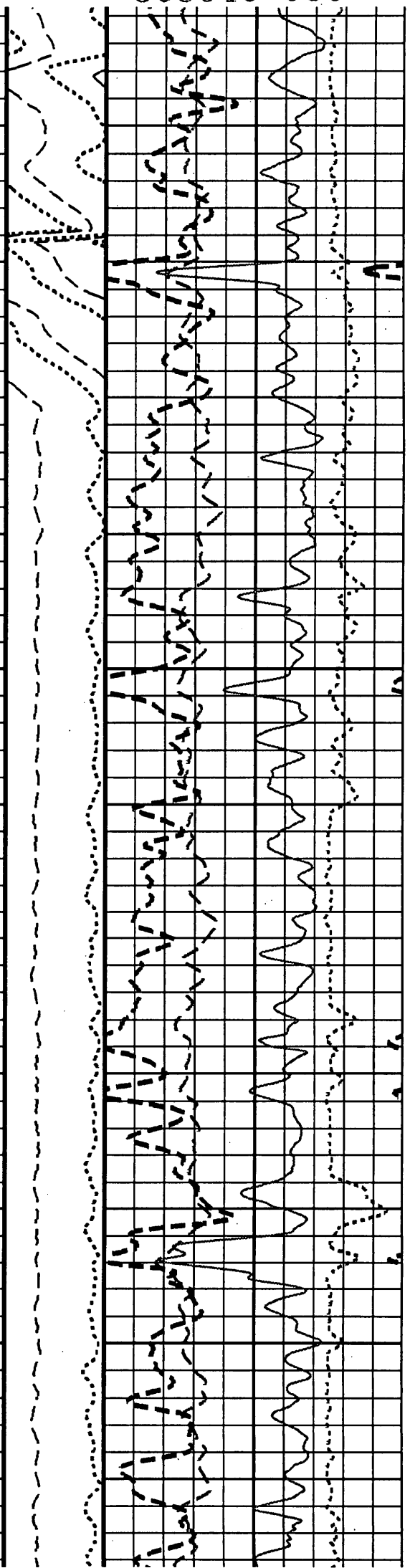
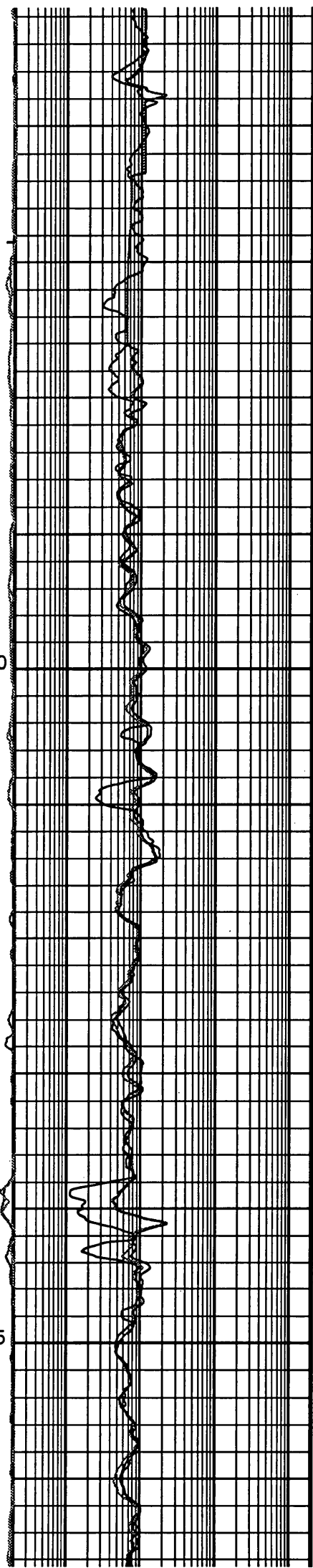






3200

3225



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HDRA

ECGR

HCAL

BS

HLLD

HLLS

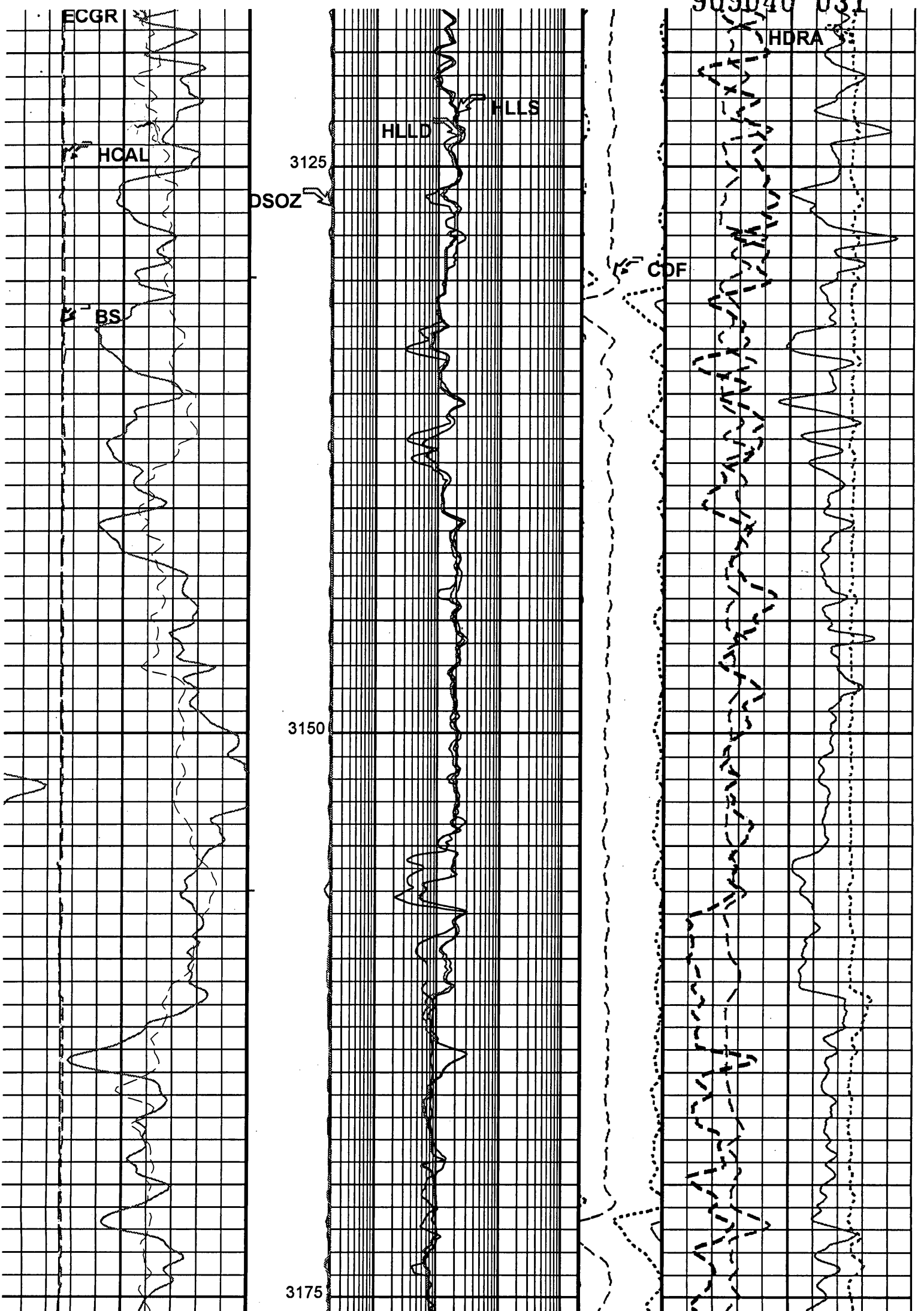
DSOZ

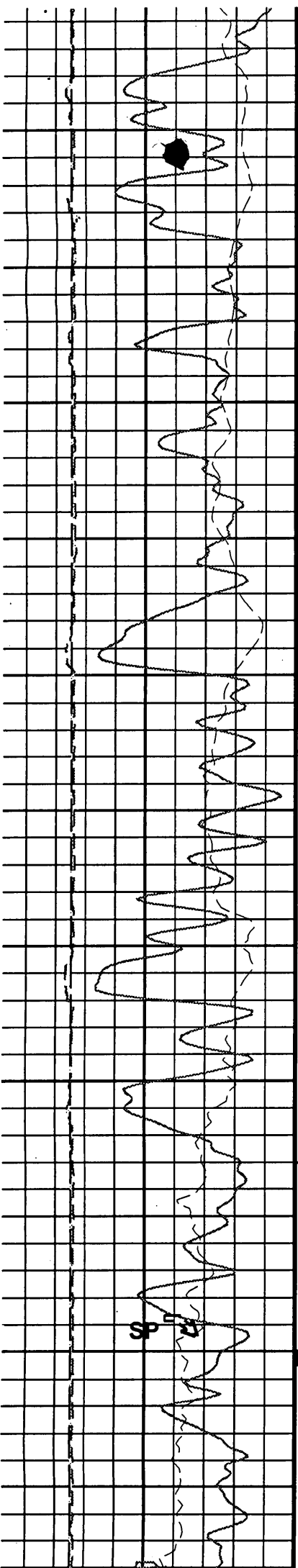
CDF

3125

3150

3175



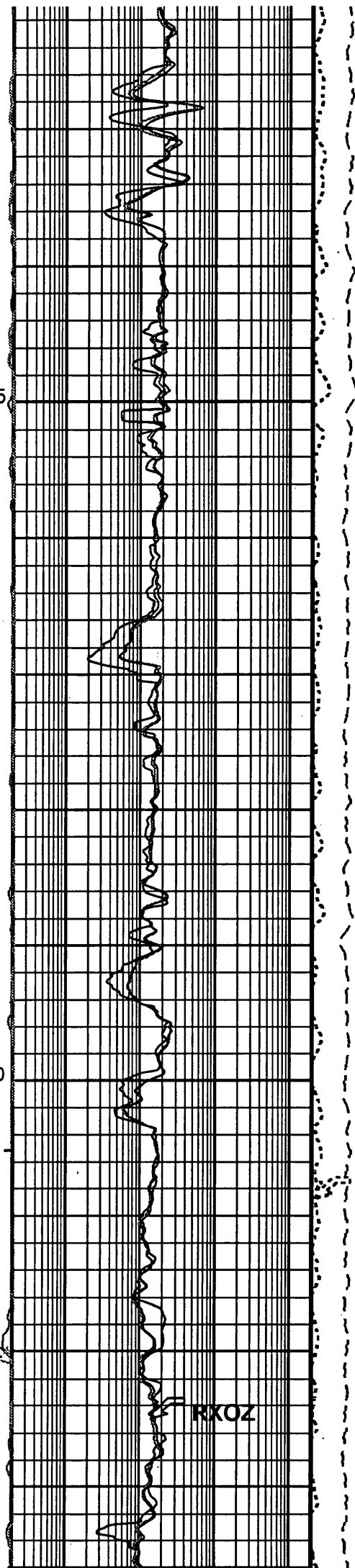


3075

3100

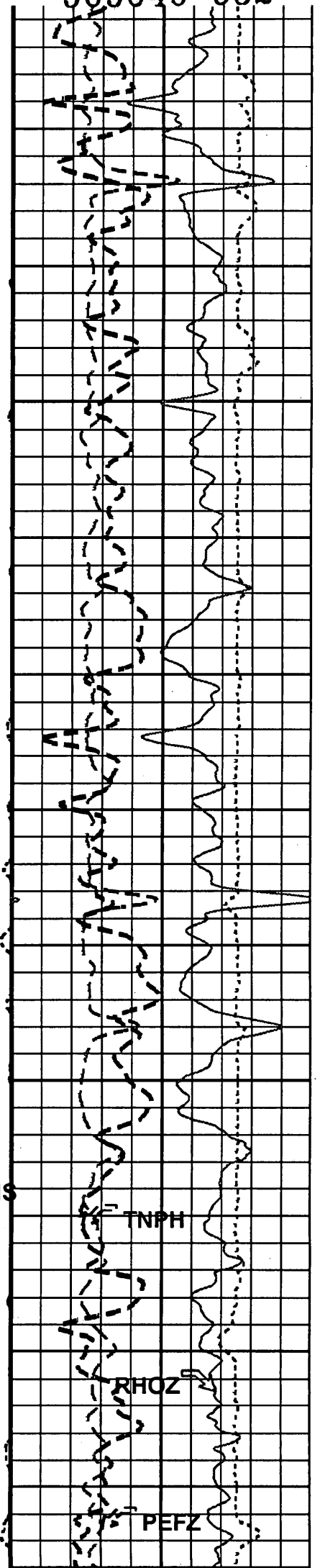
SP

RSOZ



RKOZ

TENS

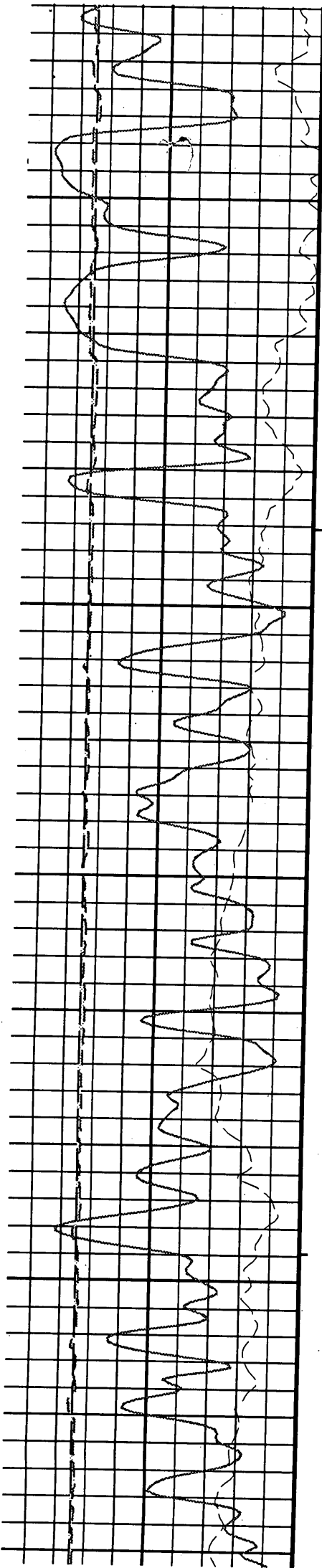


TNPH

RHOZ

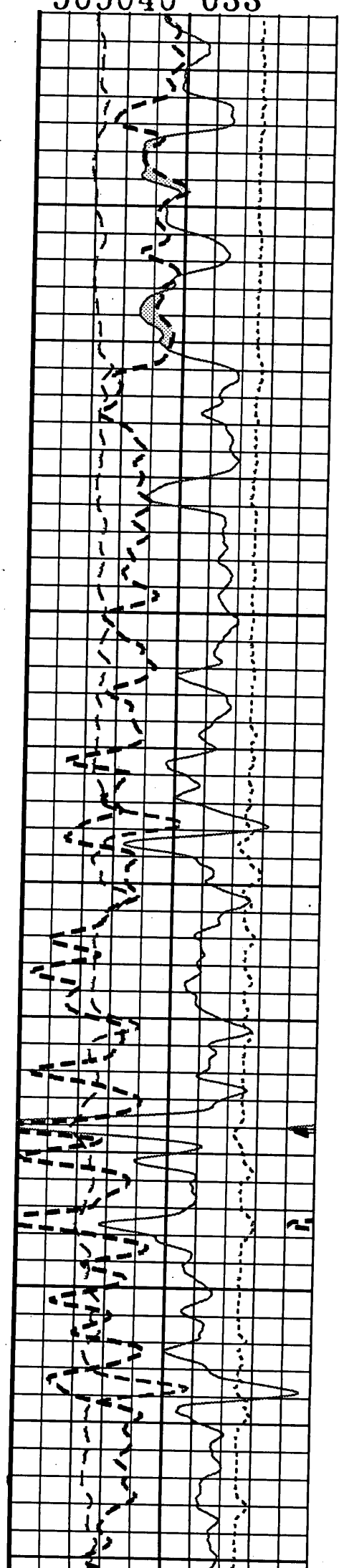
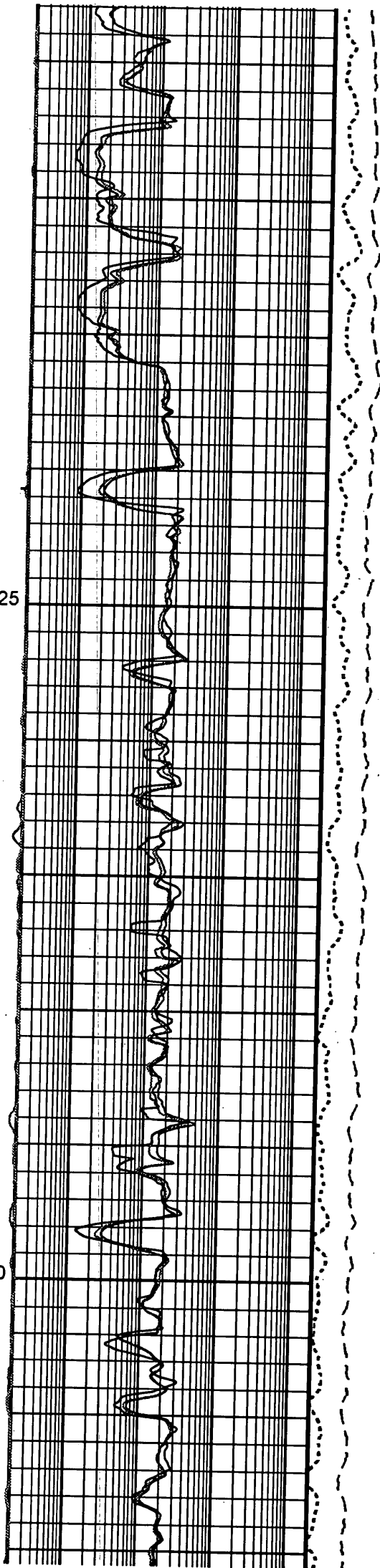
PEFZ

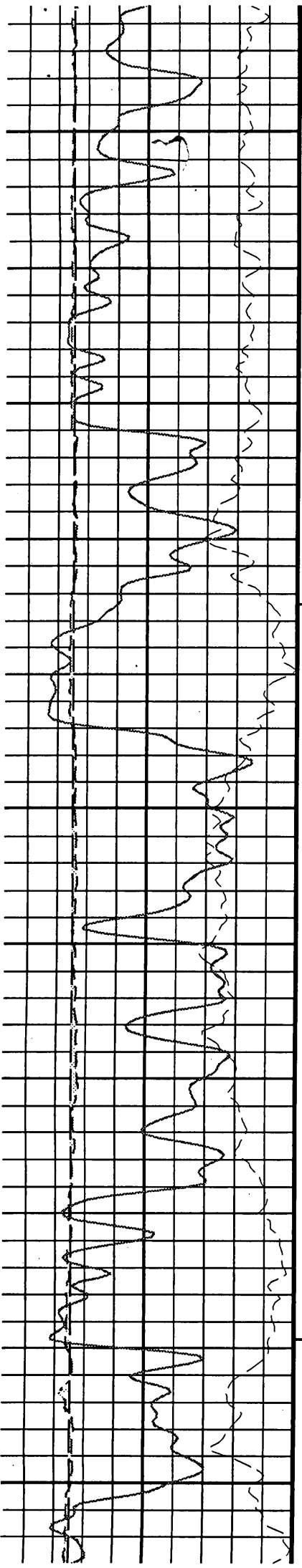




3025

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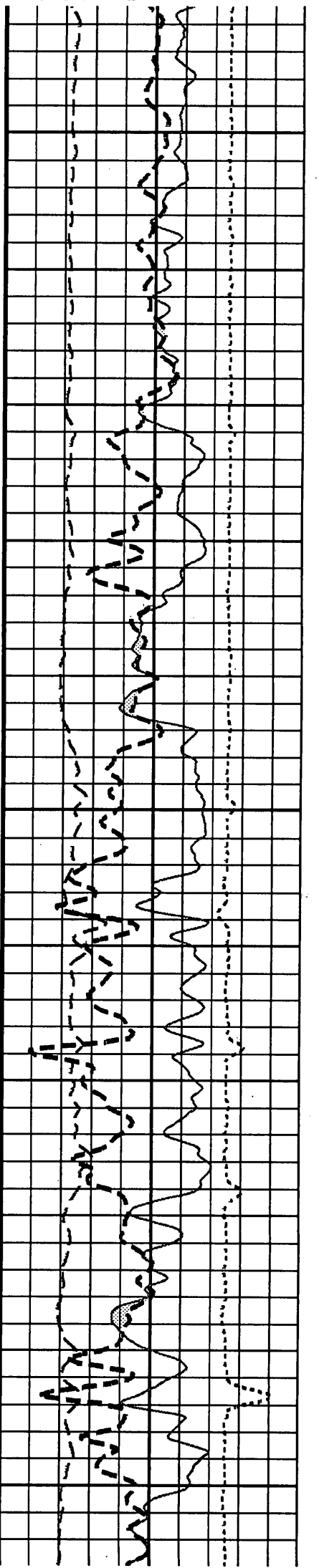
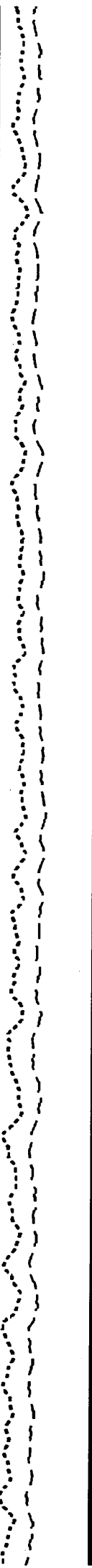
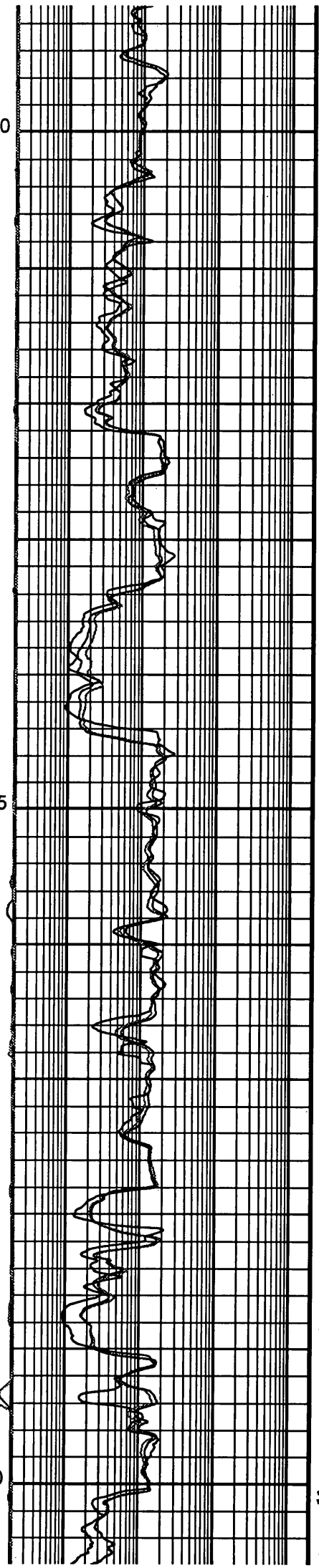


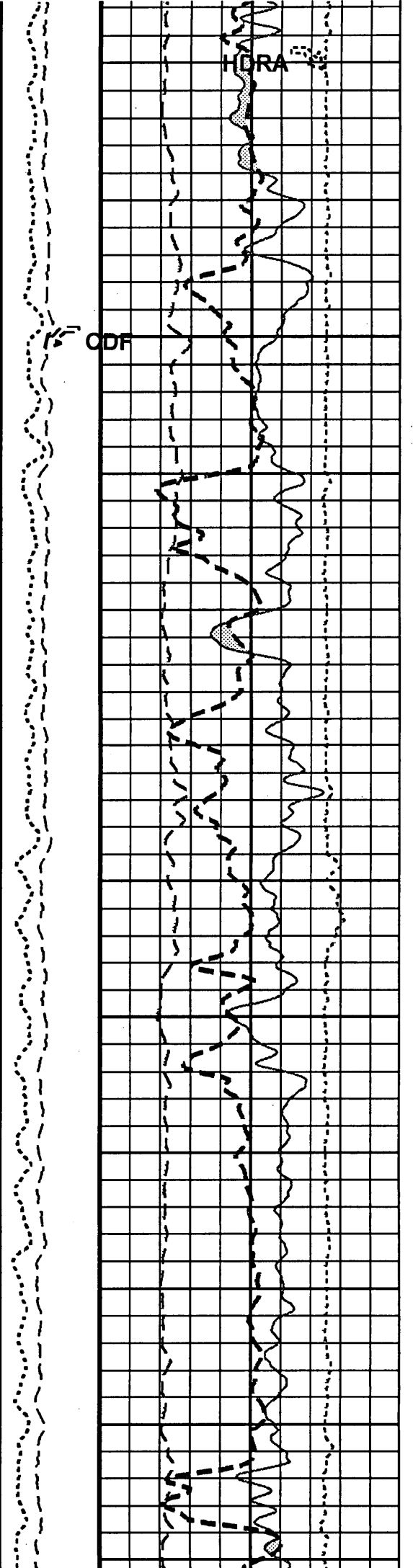
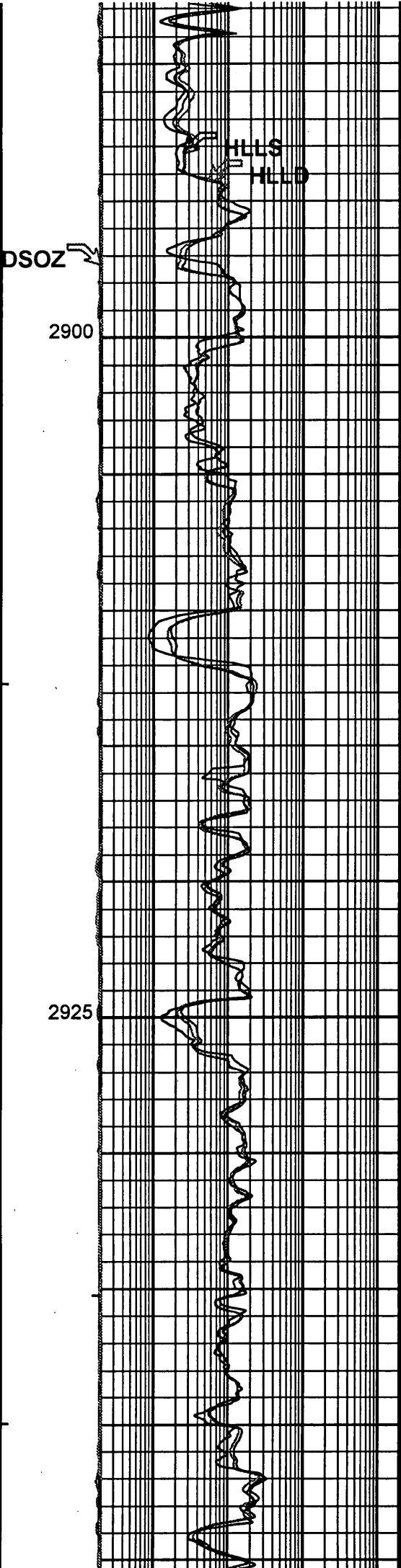
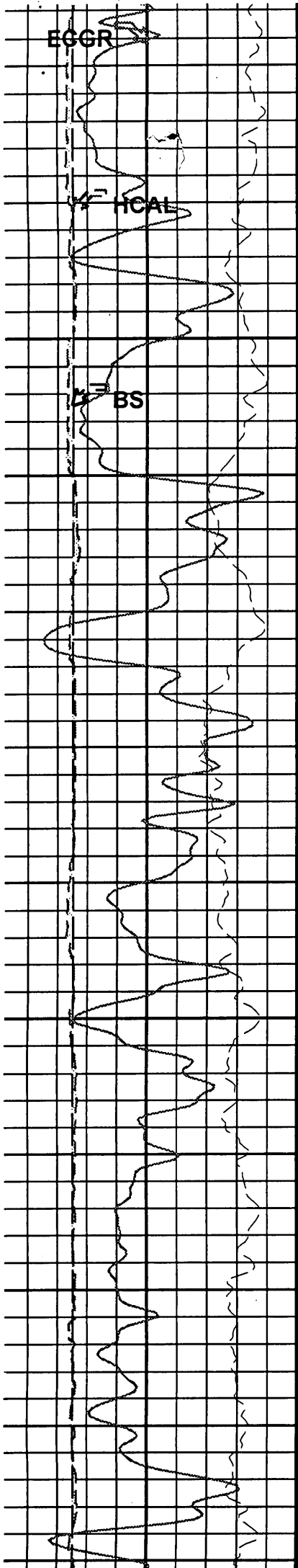


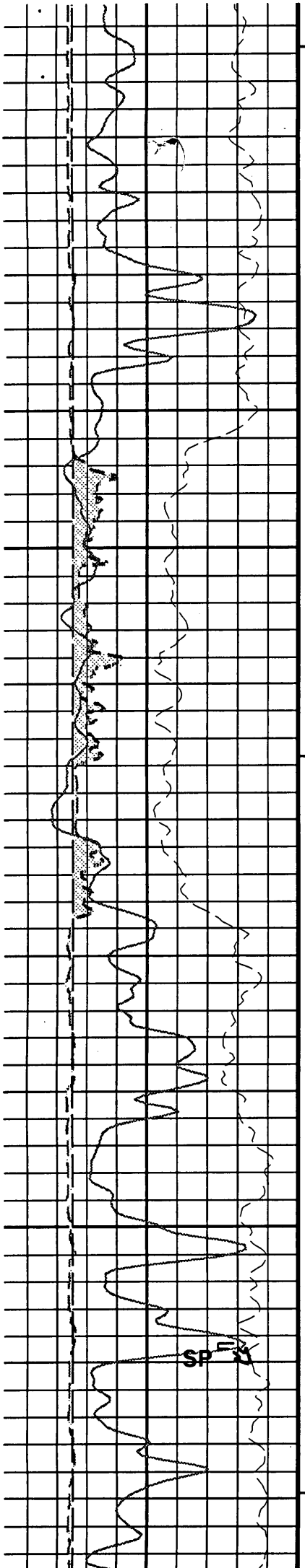
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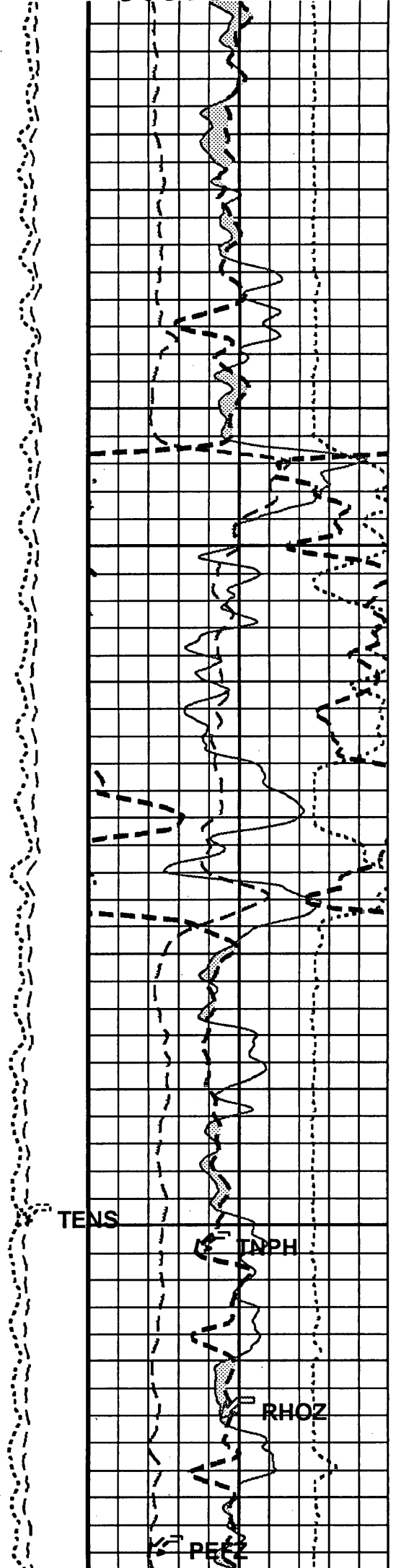
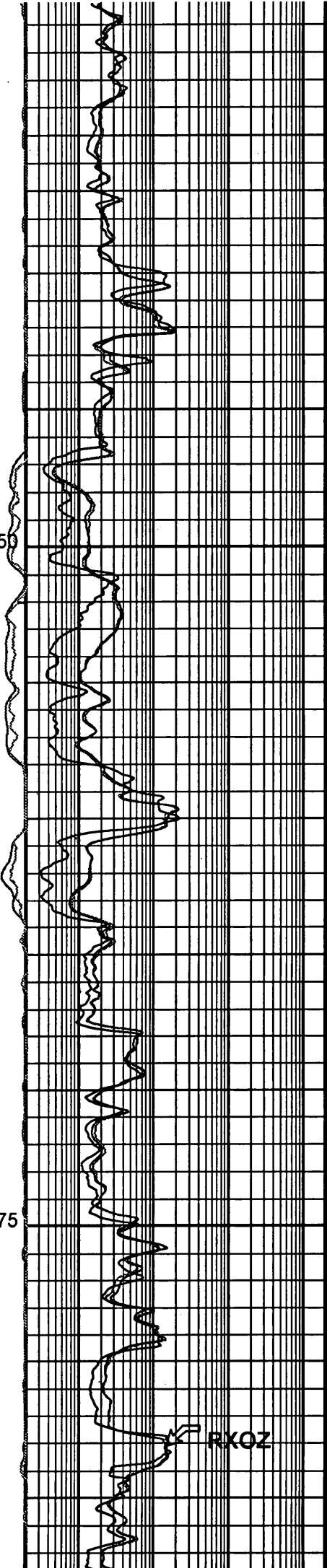


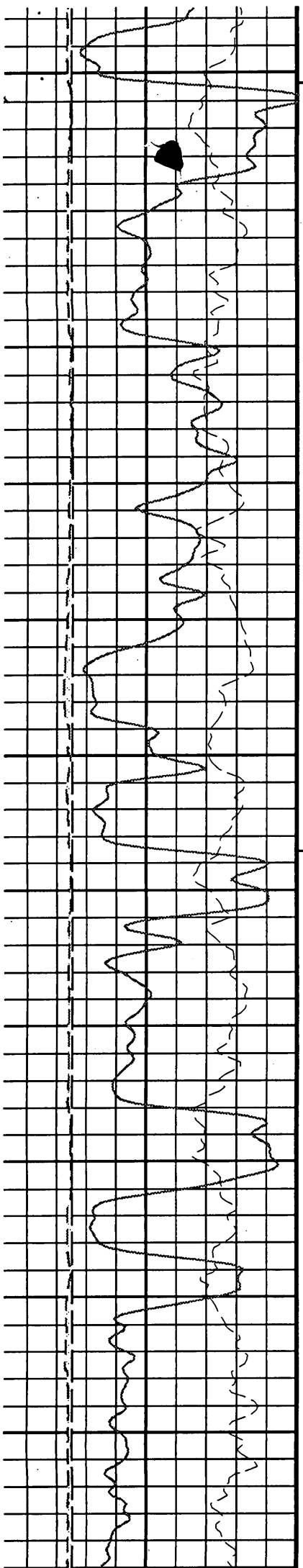




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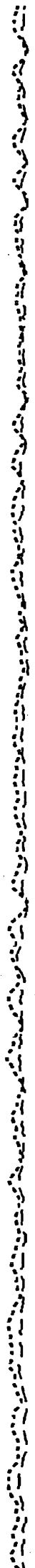
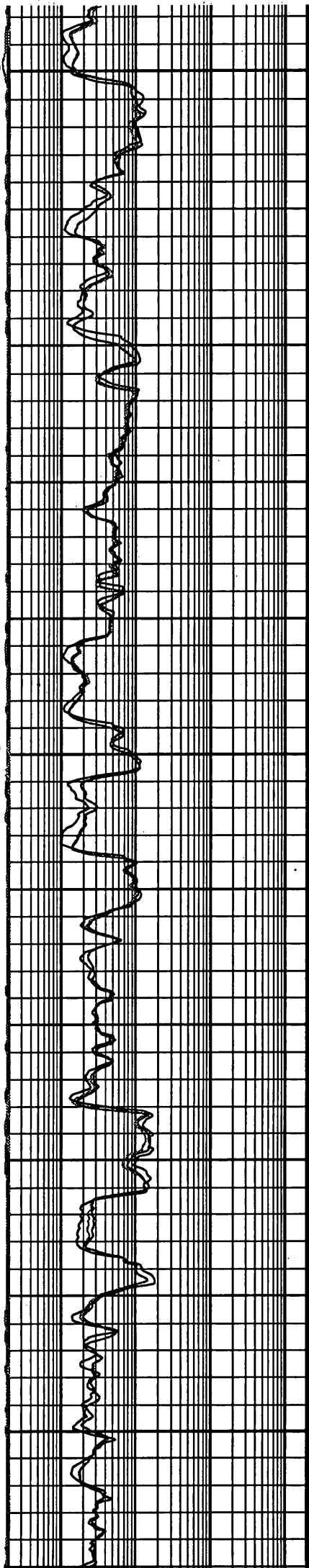




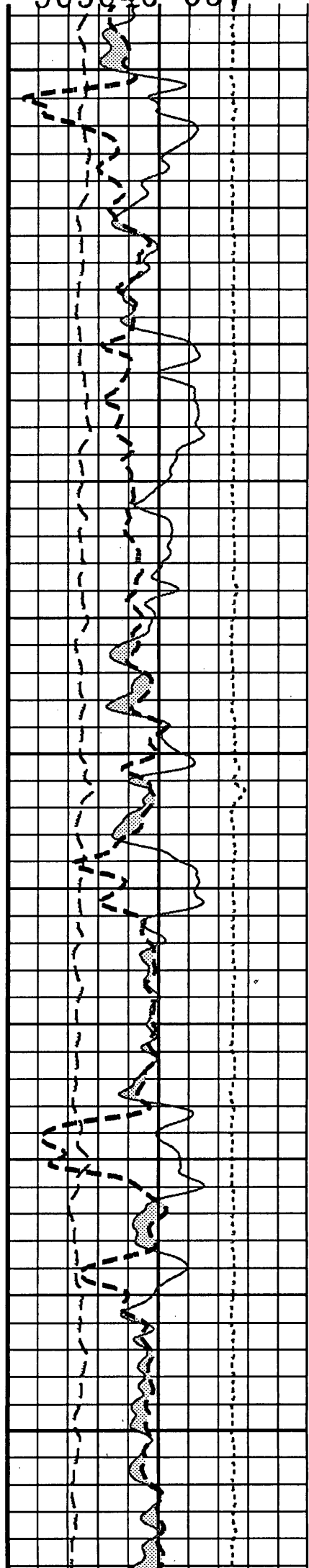
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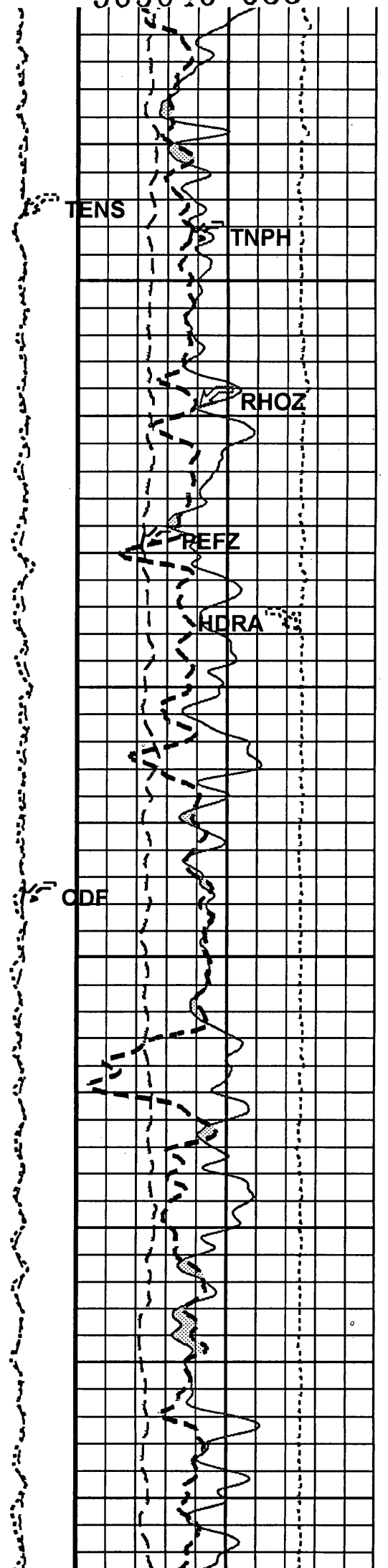
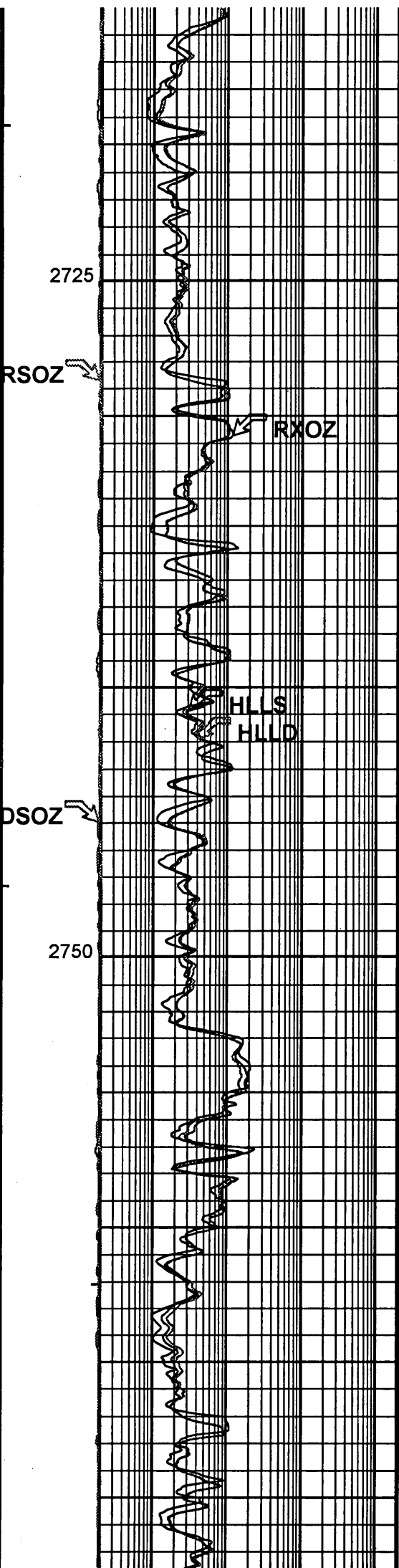
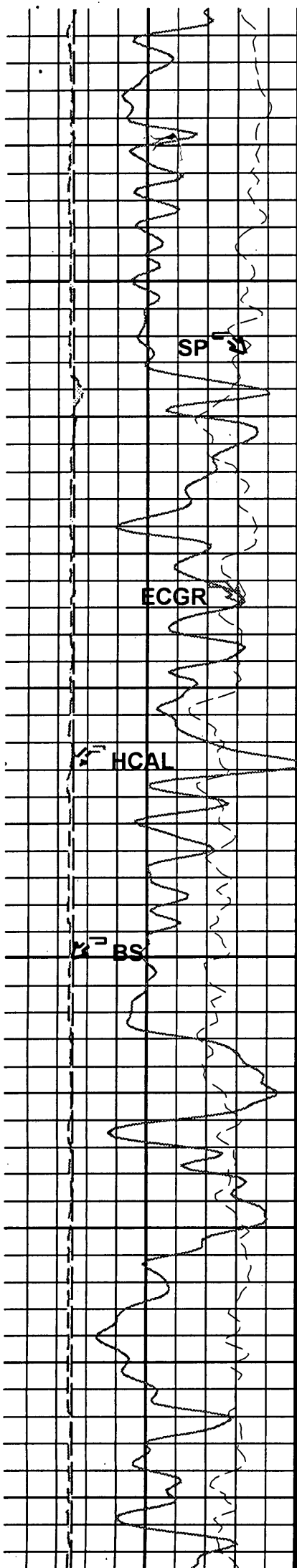
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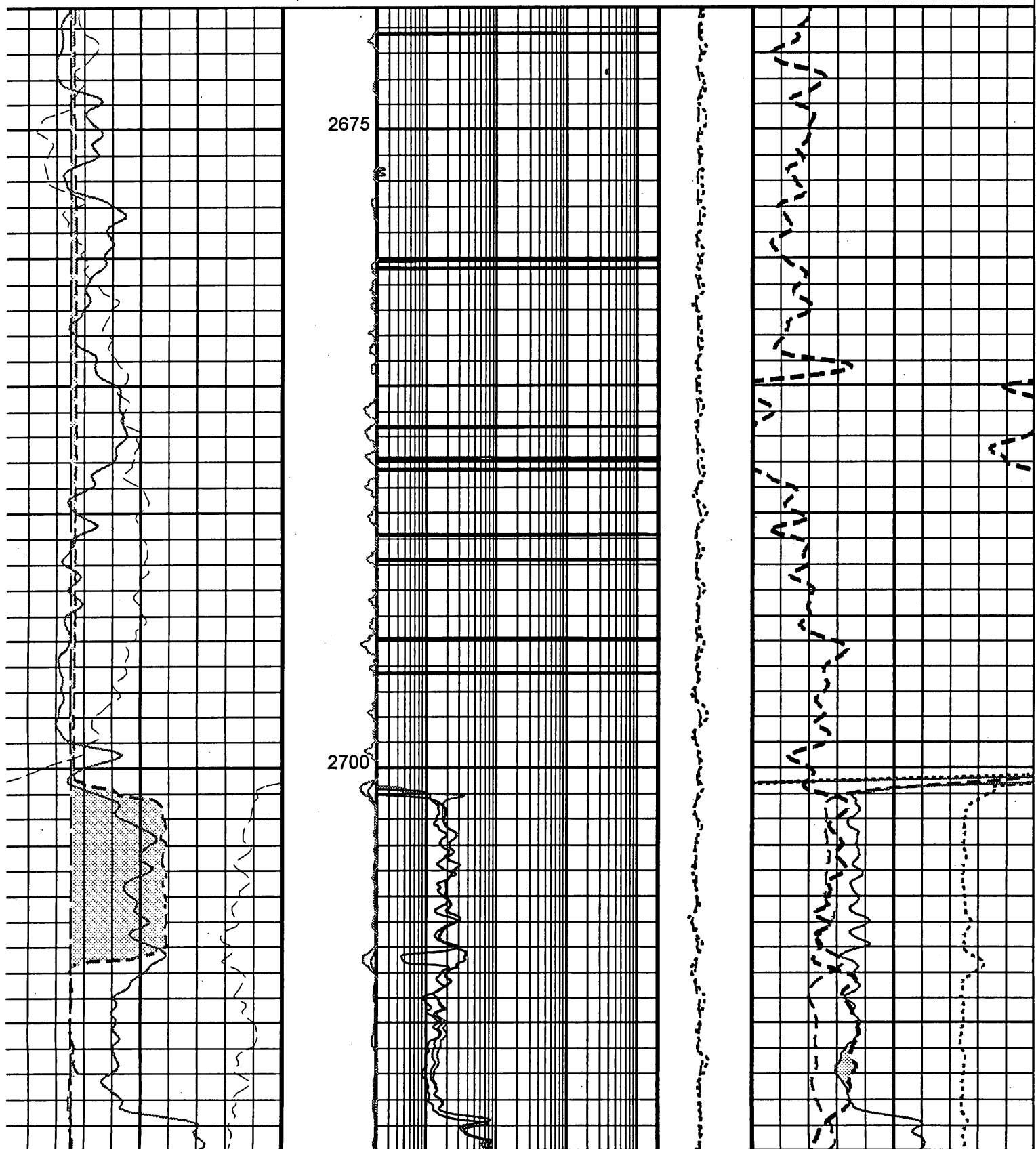
909040 037





|               |         |                                       |                                      |        |      |                                       |                               |      |
|---------------|---------|---------------------------------------|--------------------------------------|--------|------|---------------------------------------|-------------------------------|------|
| 5             | (IN)    | 16                                    | 0.2                                  | (OHMM) | 2000 | 1.95                                  | (G/C3)                        | 2.95 |
| Bit Size (BS) |         | Std. Res. Resistivity Standoff (RSOZ) | Laterolog Shallow Resistivity (HLLS) |        |      | Tension (TENS) (LBF)                  | Std. Res. Formation Pe (PEFZ) |      |
| (IN)          |         |                                       | (OHMM)                               |        |      |                                       | (—)                           |      |
|               |         | 2.5 (IN)                              | 0.2                                  | (OHMM) | 2000 | 1000                                  |                               | 10   |
|               |         |                                       |                                      |        |      | 909040 039                            |                               |      |
| -80           | SP (SP) | Std. Res. Density Standoff (DSOZ)     | Laterolog Deep Resistivity (HLLD)    |        |      | Calibrated Downhole Force (CDF) (LBF) | Density Correction (HDRA)     |      |
| (MV)          |         |                                       | (OHMM)                               |        |      |                                       | (G/C3)                        |      |
|               |         | 2.5 (IN)                              | 0.2                                  | (OHMM) | 2000 | 1000                                  | -0.75                         | 0.25 |
|               |         |                                       |                                      |        |      |                                       |                               |      |

Image: Shallow Raw Conductivities (MMHO)



**Output DLIS Files**

|         |                          |       |          |                   |          |          |
|---------|--------------------------|-------|----------|-------------------|----------|----------|
| DEFAULT | HALS_DSI_TLD_MCFL_075LUP | FN:77 | PRODUCER | 14-Nov-2001 02:52 | 3351.0 M | 2670.2 M |
| PEX_BUP | HALS_DSI_TLD_MCFL_075LUP | FN:78 | PRODUCER | 14-Nov-2001 01:52 | 3351.0 M | 2670.2 M |

**Integrated Hole/Cement Volume Summary**

Hole Volume = 23.93 M3  
 Cement Volume = 7.91 M3 (assuming 7.00 IN casing O.D.)  
 Computed from 3344.9 M to 2700.1 M using data channel(s) HCAL

**OP System Version: 9C2-303**

MCM

|           |          |        |          |
|-----------|----------|--------|----------|
| HALS-B    | OP92-KP2 | DSST-B | OP92-KP2 |
| HILTB-FTB | OP92-KP2 | DTC-A  | OP92-KP2 |
| BSP       | 9C2-303  |        |          |

**PIP SUMMARY**

- ┌ Integrated Hole Volume Minor Pip Every 1 M3
- ┌ Integrated Hole Volume Major Pip Every 10 M3
  - └ Integrated Cement Volume Minor Pip Every 1 M3
  - └ Integrated Cement Volume Major Pip Every 10 M3

Time Mark Every 60 S

|                                |  |  |
|--------------------------------|--|--|
| Mudcake<br>From HCAL to BS     |  |  |
| Washout<br>From BS to HCAL     |  |  |
| Gamma Ray (ECGR)<br>(GAPI) 200 |  |  |
| HILT Caliper (HCAL)            |  |  |

Std. Res. Invaded Zone Resistivity  
(RXOZ)

|  |  |  |
|--|--|--|
| Crossover<br>From RHOZ to TNPH         |  |  |
| Neutron Porosity (TNPH)<br>(V/V) -0.15 |  |  |
| Std. Res. Formation Density (RHO)      |  |  |





To: kourosh.mehin@nre.vic.gov.au  
cc: (bcc: Kourosh Mehin/NRE)  
Subject: third and last file

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Kourosh - last file  
Ian  
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- Quicklook\_075.PDS

|              |   |           |      |
|--------------|---|-----------|------|
| SST4         | STC Slowness Step - Monopole P&S                | 2         | US/F |
| SSW1         | STC Source Waveform - Lower Dipole              | WF_SAM1   |      |
| SSW2         | STC Source Waveform - Upper Dipole              | WF_SAM2   |      |
| SSW4         | STC Source Waveform - Monopole P&S              | WF_SAM4   |      |
| STLL         | Label Slowness Lower Limit - Monopole Stoneley  | 180       | US/F |
| STUL         | Label Slowness Upper Limit - Monopole Stoneley  | 780       | US/F |
| SUL1         | STC Slowness Upper Limit - Lower Dipole         | 775       | US/F |
| SUL2         | STC Slowness Upper Limit - Upper Dipole         | 475       | US/F |
| SUL3         | STC Slowness Upper Limit - Monopole Stoneley    | 780       | US/F |
| SUL4         | STC Slowness Upper Limit - Monopole P&S         | 240       | US/F |
| SWD1         | STC Slowness Width - Lower Dipole               | 40        | US/F |
| SWD2         | STC Slowness Width - Upper Dipole               | 40        | US/F |
| SWD3         | STC Slowness Width - Monopole Stoneley          | 40        | US/F |
| SWD4         | STC Slowness Width - Monopole P&S               | 10        | US/F |
| TBF1         | STC Time for Baseline Fill - Lower Dipole       | 0         | US   |
| TBF2         | STC Time for Baseline Fill - Upper Dipole       | 0         | US   |
| TBF3         | STC Time for Baseline Fill - Monopole Stoneley  | 0         | US   |
| TBF4         | STC Time for Baseline Fill - Monopole P&S       | 300       | US   |
| TCOR         | HALS TLC Correction                             | OFF       |      |
| TD           | Total Depth                                     | 3345      | M    |
| TDD          | Total Depth - Driller                           | 3345.00   | M    |
| TDL          | Total Depth - Logger                            | -50000.00 | M    |
| TLL1         | STC Time Lower Limit - Lower Dipole             | 600       | US   |
| TLL2         | STC Time Lower Limit - Upper Dipole             | 600       | US   |
| TLL3         | STC Time Lower Limit - Monopole Stoneley        | 600       | US   |
| TLL4         | STC Time Lower Limit - Monopole P&S             | 150       | US   |
| TST1         | STC Time Step - Lower Dipole                    | 200       | US   |
| TST2         | STC Time Step - Upper Dipole                    | 200       | US   |
| TST3         | STC Time Step - Monopole Stoneley               | 200       | US   |
| TST4         | STC Time Step - Monopole P&S                    | 50        | US   |
| TUL1         | STC Time Upper Limit - Lower Dipole             | 13525     | US   |
| TUL2         | STC Time Upper Limit - Upper Dipole             | 12225     | US   |
| TUL3         | STC Time Upper Limit - Monopole Stoneley        | 12000     | US   |
| TUL4         | STC Time Upper Limit - Monopole P&S             | 3660      | US   |
| TWD1         | STC Time Width - Lower Dipole                   | 2000      | US   |
| TWD2         | STC Time Width - Upper Dipole                   | 2000      | US   |
| TWD3         | STC Time Width - Monopole Stoneley              | 2000      | US   |
| TWD4         | STC Time Width - Monopole P&S                   | 1000      | US   |
| TWI1         | STC Integration Time Window - Lower Dipole      | 1600      | US   |
| TWI2         | STC Integration Time Window - Upper Dipole      | 1600      | US   |
| TWI3         | STC Integration Time Window - Monopole Stoneley | 2400      | US   |
| TWI4         | STC Integration Time Window - Monopole P&S      | 500       | US   |
| TWRX         | Transmitter Waveform Sample Rate X              | 5         | US   |
| TWS          | Temperature of Connate Water Sample             | 37.78     | DEGC |
| TWSX         | Transmitter Waveform Select X                   | 0         |      |
| UNSPK        | HALS Despiking Filter Option                    | OFF       |      |
| UNSPK_HOLD   | HALS Despiking Filter Threshold (in %)          | 20        | %    |
| UNSPK_WINDOW | HALS Despiking Filter Window (inches)           | 6         | IN   |
| UTXG         | Upper Dipole Transmitter Geometry               | 162       | IN   |
| WFDTSP1      | SAM1 Waveform Delta for Spectrum                | 0         | US/F |
| WFDTSP2      | SAM2 Waveform Delta for Spectrum                | 0         | US/F |
| WFDTSP3      | SAM3 Waveform Delta for Spectrum                | 0         | US/F |
| WFDTSP4      | SAM4 Waveform Delta for Spectrum                | 0         | US/F |
| WFDTSPX      | SAMX Waveform Delta for Spectrum                | 0         | US/F |
| WFLSP1       | SAM1 Waveform Lower Limit for Spectrum          | 0         | US   |
| WFLSP2       | SAM2 Waveform Lower Limit for Spectrum          | 0         | US   |
| WFLSP3       | SAM3 Waveform Lower Limit for Spectrum          | 0         | US   |
| WFLSP4       | SAM4 Waveform Lower Limit for Spectrum          | 0         | US   |
| WFLSPX       | SAMX Waveform Lower Limit for Spectrum          | 0         | US   |
| WFM1         | Waveform Mode 1                                 | W1        |      |
| WFM2         | Waveform Mode 2                                 | W1        |      |
| WFM3         | Waveform Mode 3                                 | W1        |      |
| WFM4         | Waveform Mode 4                                 | W1        |      |
| WFM5         | Waveform Mode 5                                 | W1        |      |
| WFMX         | Waveform Mode X                                 | W1        |      |
| WFULSP1      | SAM1 Waveform Upper Limit for Spectrum          | 20000     | US   |
| WFULSP2      | SAM2 Waveform Upper Limit for Spectrum          | 20000     | US   |
| WFULSP3      | SAM3 Waveform Upper Limit for Spectrum          | 20000     | US   |
| WFULSP4      | SAM4 Waveform Upper Limit for Spectrum          | 5000      | US   |
| WFULSPX      | SAMX Waveform Upper Limit for Spectrum          | 20000     | US   |

Format: Quicklook      Vertical Scale: 1:200      Graphics File Created: 14-Nov-2001 02:52

**OP System Version: 9C2-303**  
MCM

|           |          |        |          |
|-----------|----------|--------|----------|
| HALS-B    | OP92-KP2 | DSST-B | OP92-KP2 |
| HILTB-FTB | OP92-KP2 | DTC-A  | OP92-KP2 |
| BSP       | 9C2-303  |        |          |

**Output DLIS Files**

|         |                          |       |          |                   |
|---------|--------------------------|-------|----------|-------------------|
| DEFAULT | HALS_DSI_TLD_MCFL_075LUP | FN:77 | PRODUCER | 14-Nov-2001 02:52 |
| PEX_BUP | HALS_DSI_TLD_MCFL_075LUP | FN:78 | PRODUCER | 14-Nov-2001 01:52 |

|           |  |             |      |
|-----------|--|-------------|------|
| MHC0      | MCFL B0 Contrast Correction Coefficient                                  | 2.2e-005    | OHMS |
| MHC1      | MCFL B1 Contrast Correction Coefficient                                  | 3.2e-005    | OHMS |
| MHCC      | MCFL High Contrast Correction Switch                                     | NO          |      |
| MPOF      | MCFL Processing Operation Mode   | ON          |      |
| MSA       | Minimum Sonic Amplitude  | 19.7824     | MV   |
| MST       | Mud Sample Temperature   | 18.00       | DEGC |
| MTXG      | Monopole Transmitter Geometry  | 186         | IN   |
| MWCO      | Mud Weight Correction Option   | YES         |      |
| NAAC      | HRDD APS Activation Correction   | OFF         |      |
| NMT       | HILT Nuclear Mud Type  | NOBARITE    |      |
| NPRM      | HRDD Processing Mode   | StdRes      |      |
| NSAR      | HRDD Depth Sampling Rate   | 1           | IN   |
| NWS1      | Number Waveforms Stacked 1   | 1           |      |
| NWS2      | Number Waveforms Stacked 2   | 1           |      |
| NWS3      | Number Waveforms Stacked 3   | 1           |      |
| NWS4      | Number Waveforms Stacked 4   | 1           |      |
| NWS5      | Number Waveforms Stacked 5   | 1           |      |
| NWSX      | Number Waveforms Stacked X   | 1           |      |
| PBVSADP   | Use alternate depth channel for playback                                 | NO          |      |
| PHIMAX    | HILT max porosity  | 35          | PU   |
| PTCO      | Pressure/Temperature Correction Option                                   | YES         |      |
| RATE      | Firing Rate  | R7          |      |
| RIMP      | HALS Right Image Processing  | ShallowRaw  |      |
| RMFS      | Resistivity of Mud Filtrate Sample                                       | 0.1110      | OHMM |
| RSMN      | Label Shear/Compressional Minimum Ratio - Monopole P&S                   | 1.4         |      |
| RSMX      | Label Shear/Compressional Maximum Ratio - Monopole P&S                   | 2.12        |      |
| RTCOMP    | HALS Rt Computation  | Hals_LowRes |      |
| RTRE      | HALS Resistivity Threshold   | 100000      | OHMM |
| RW        | Resistivity of Connate Water   | 1.0000      | OHMM |
| RX1G      | Receiver 1 Geometry  | 294         | IN   |
| RX2G      | Receiver 2 Geometry  | 300         | IN   |
| RX3G      | Receiver 3 Geometry  | 306         | IN   |
| RX4G      | Receiver 4 Geometry  | 312         | IN   |
| RX5G      | Receiver 5 Geometry  | 318         | IN   |
| RX6G      | Receiver 6 Geometry  | 324         | IN   |
| RX7G      | Receiver 7 Geometry  | 330         | IN   |
| RX8G      | Receiver 8 Geometry  | 336         | IN   |
| SAM1      | DSST Sonic Acquisition Mode 1 - Lower Dipole Mode                        | OFF         |      |
| SAM2      | DSST Sonic Acquisition Mode 2 - Upper Dipole Mode                        | ODD         |      |
| SAM3      | DSST Sonic Acquisition Mode 3 - Low Frequency Monopole Mode for Stoneley | OFF         |      |
| SAM4      | DSST Sonic Acquisition Mode 4 - High Frequency Monopole Mode for P&S     | EVEN        |      |
| SAM5      | DSST Sonic Acquisition Mode 5 - High Frequency Monopole Mode for FMD     | ODD         |      |
| SAMX      | DSST Sonic Acquisition Mode X - Both Dipoles or Monopole Mode for Expert | OFF         |      |
| SAS1      | STC Sonic Array Status - Lower Dipole                                    | 255         |      |
| SAS2      | STC Sonic Array Status - Upper Dipole                                    | 255         |      |
| SAS3      | STC Sonic Array Status - Monopole Stoneley                               | 255         |      |
| SAS4      | STC Sonic Array Status - Monopole P&S                                    | 255         |      |
| SAS5      | Sonic Array Status - FMD   | 255         |      |
| SBO1      | STC Search Band Offset - Lower Dipole                                    | 3000        | US   |
| SBO2      | STC Search Band Offset - Upper Dipole                                    | 3000        | US   |
| SBO3      | STC Search Band Offset - Monopole Stoneley                               | 3000        | US   |
| SBO4      | STC Search Band Offset - Monopole P&S                                    | 500         | US   |
| SBR4      | STC Baseline Removal - Monopole P&S                                      | ON          |      |
| SBW1      | STC Search Bandwidth - Lower Dipole                                      | 8000        | US   |
| SBW2      | STC Search Bandwidth - Upper Dipole                                      | 8000        | US   |
| SBW3      | STC Search Bandwidth - Monopole Stoneley                                 | 8000        | US   |
| SBW4      | STC Search Bandwidth - Monopole P&S                                      | 2000        | US   |
| SDAT      | Standoff Data Source   | SOCN        |      |
| SEXP_HILT | HILT Saturation Exponent   | 2           |      |
| SFC1      | STC Formation Character - Lower Dipole                                   | SELECTABLE  |      |
| SFC2      | STC Formation Character - Upper Dipole                                   | SELECTABLE  |      |
| SFC3      | STC Formation Character - Monopole Stoneley                              | SELECTABLE  |      |
| SFC4      | STC Formation Character - Monopole P&S                                   | SELECTABLE  |      |
| SFM1      | STC Filter - Lower Dipole  | B1-3K       |      |
| SFM2      | STC Filter - Upper Dipole  | B1-3K       |      |
| SFM3      | STC Filter - Monopole Stoneley   | B.5-1.5K    |      |
| SFM4      | STC Filter - Monopole P&S  | B3-20K      |      |
| SHLL      | Label Slowness Lower Limit - Monopole P&S Shear                          | 75          | US/F |
| SHT       | Surface Hole Temperature   | 15          | DEGC |
| SHUL      | Label Slowness Upper Limit - Monopole P&S Shear                          | 180         | US/F |
| SLL1      | STC Slowness Lower Limit - Lower Dipole                                  | 75          | US/F |
| SLL2      | STC Slowness Lower Limit - Upper Dipole                                  | 75          | US/F |
| SLL3      | STC Slowness Lower Limit - Monopole Stoneley                             | 180         | US/F |
| SLL4      | STC Slowness Lower Limit - Monopole P&S                                  | 40          | US/F |
| SOCN      | Standoff Distance  | 0           | IN   |
| SOCO      | Standoff Correction Option   | NO          |      |
| SPCO      | HALS-B Special Power Connection  | ON          |      |
| SPFS      | Sonic Porosity Formula   | RAYMER_HUNT |      |
| SPNV      | SP Next Value  | 0           | MV   |
| SPSO      | Sonic Porosity Source  | DTCO        |      |
| SST1      | STC Slowness Step - Lower Dipole   | 4           | US/F |
| SST2      | STC Slowness Step - Upper Dipole   | 4           | US/F |
| SST3      | STC Slowness Step - Monopole Stoneley                                    | 4           | US/F |

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|                  |   |                  |      |
|------------------|---|------------------|------|
| DSHU             | Label Slowness Upper Limit - Dipole Shear         | 475              | US/F |
| DSI1             | Digitizer Sample Interval 1                       | 40               | US   |
| DSI2             | Digitizer Sample Interval 2                       | 40               | US   |
| DSI3             | Digitizer Sample Interval 3                       | 40               | US   |
| DSI4             | Digitizer Sample Interval 4                       | 10               | US   |
| DSI5             | Digitizer Sample Interval 5                       | 10               | US   |
| DSIX             | Digitizer Sample Interval X                       | 40               | US   |
| DTCS             | Compressional Delta-T Source for DTCO Channel     | PS_COMP          |      |
| DTF              | Delta-T Fluid                                     | 189              | US/F |
| DTM              | Delta-T Matrix                                    | 56               | US/F |
| DTSS             | Shear Delta-T Source for DTSM Channel             | UPPER_DIPOLE     |      |
| DWC1             | Digitizer Word Count 1                            | 512              |      |
| DWC2             | Digitizer Word Count 2                            | 512              |      |
| DWC3             | Digitizer Word Count 3                            | 512              |      |
| DWC4             | Digitizer Word Count 4                            | 512              |      |
| DWC5             | Digitizer Word Count 5                            | 512              |      |
| DWCX             | Digitizer Word Count X                            | 512              |      |
| EXSICL           | External Shale Indicator Clean Value              | 20               |      |
| EXSISH           | External Shale Indicator Shale Value              | 200              |      |
| FCD              | Future Casing (Outer) Diameter                    | 7                | IN   |
| FCF              | CBL Fluid Compensation Factor                     | 1                |      |
| FD               | Fluid Density                                     | 1                | G/C3 |
| FEXP             | Form Factor Exponent                              | 2                |      |
| FGM5             | First Motion Gate Moveout 5                       | 40               | US/F |
| FILG             | Label Fill Gap Control - Monopole P&S             | COMP_SHEAR       |      |
| FMG5             | First Motion Minimum Gate 5                       | 500              | US   |
| FMLL             | Slowness Lower Limit - FMD                        | 40               | US/F |
| FMRC             | Restart Control - FMD                             | CONTINUE         |      |
| FMT5             | First Motion Threshold 5                          | UP               |      |
| FMUL             | Slowness Upper Limit - FMD                        | 180              | US/F |
| FNUM             | Form Factor Numerator                             | 1                |      |
| FPHI             | Form Factor Porosity Source                       | PXND_HILT        |      |
| FPM              | Processing Mode - FMD                             | DFMD             |      |
| FSAL             | Formation Salinity                                | -50000           | PPM  |
| FSCO             | Formation Salinity Correction Option              | NO               |      |
| GCSE             | Generalized Caliper Selection                     | HCAL             |      |
| GDEV             | Average Angular Deviation of Borehole from Normal | 0                | DEG  |
| GDT1             | Gain Delta-T 1                                    | 800              | US/F |
| GDT2             | Gain Delta-T 2                                    | 800              | US/F |
| GDT3             | Gain Delta-T 3                                    | 800              | US/F |
| GDT4             | Gain Delta-T 4                                    | 160              | US/F |
| GDT5             | Gain Delta-T 5                                    | 160              | US/F |
| GDTX             | Gain Delta-T X                                    | 800              | US/F |
| GGRD             | Geothermal Gradient                               | 0.018227         | DC/M |
| GIN1             | Gain Interval 1                                   | 15360            | US   |
| GIN2             | Gain Interval 2                                   | 15360            | US   |
| GIN3             | Gain Interval 3                                   | 15360            | US   |
| GIN4             | Gain Interval 4                                   | 2560             | US   |
| GIN5             | Gain Interval 5                                   | 1600             | US   |
| GINX             | Gain Interval X                                   | 15360            | US   |
| GOBO             | Good Bond   | 2                | MV   |
| GRCC             | HALS Groningen Correction                         | OFF              |      |
| GRSE             | Generalized Mud Resistivity Selection             | HALS_RESIST      |      |
| GTSE             | Generalized Temperature Selection                 | LINEAR_ESTIMATE  |      |
| HACPP            | Accelerometer PROM Presence                       | PRESENT_DOWNHOLE |      |
| HART             | Accelerometer Reference Temperature               | 20               | DEGC |
| HDCOD            | HILT Density Coal detection                       | 2                | G/C3 |
| HDSAD            | HILT Density Salt detection                       | 2.1              | G/C3 |
| HILT_GAS_DENSITY | HILT Gas Downhole Density                         | 0                | G/C3 |
| HILT_GAS_OPTION  | HILT Gas Computation Option                       | OFF              |      |
| HLAC             | HALS-B Loop A Coefficient                         | LOW              |      |
| HLMO             | HALS Logging Mode                                 | STAN             |      |
| HMSO             | HALS Mechanical Standoff                          | 1.5              | IN   |
| HNCOD            | HILT Neutron Coal detection                       | 45               | PU   |
| HNSAD            | HILT Neutron Salt detection                       | 5                | PU   |
| HPHIECUT         | HILT effective Porosity Cutoff                    | 5                | PU   |
| HRUN             | HALS-B Record Uncalibrated Channels               | NO               |      |
| HSCO             | Hole Size Correction Option                       | YES              |      |
| HSIS             | HILT Shale Indicator Selection                    | GR               |      |
| HSWCUT           | HILT Water Saturation from AITH cutoff            | 50               | %    |
| HVCS             | Integrated Hole Volume Caliper Selection          | HCAL             |      |
| IMOS             | HALS Image Orientation                            | OFF              |      |
| ITTS             | Integrated Transit Time Source                    | DTCO             |      |
| LFC              | Label Formation Character - Monopole P&S          | DYNAMIC          |      |
| LIMP             | HALS Left Image Processing                        | DeepRaw          |      |
| LOP1             | HALS-B Mode 1 Loop Mode                           | OFF              |      |
| LOP2             | HALS-B Mode 2 Loop Mode                           | OFF              |      |
| LOP3             | HALS-B Mode 3 Loop Mode                           | OFF              |      |
| LTXG             | Lower Dipole Transmitter Geometry                 | 156              | IN   |
| MAI5             | Slowness Averaging Interval - FMD                 | 42               | IN   |
| MATR             | Rock Matrix for Neutron Porosity Corrections      | LIMESTONE        |      |
| MCCO             | Mud Cake Correction Option                        | YES              |      |
| MCI              | Minimum Cemented Interval                         | 4.51523          | M    |
| MCOR             | Mud Correction                                    | NATU             |      |
| MCS              | Mean Casing Slowness                              | 57               | US/F |
| MDEN             | Matrix Density                                    | 2.71             | G/C3 |
| MDS5             | Multishot Delta-T Scatter - FMD                   | 20               | US   |

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HALS  
Image  
(HRIMW)  
(---)

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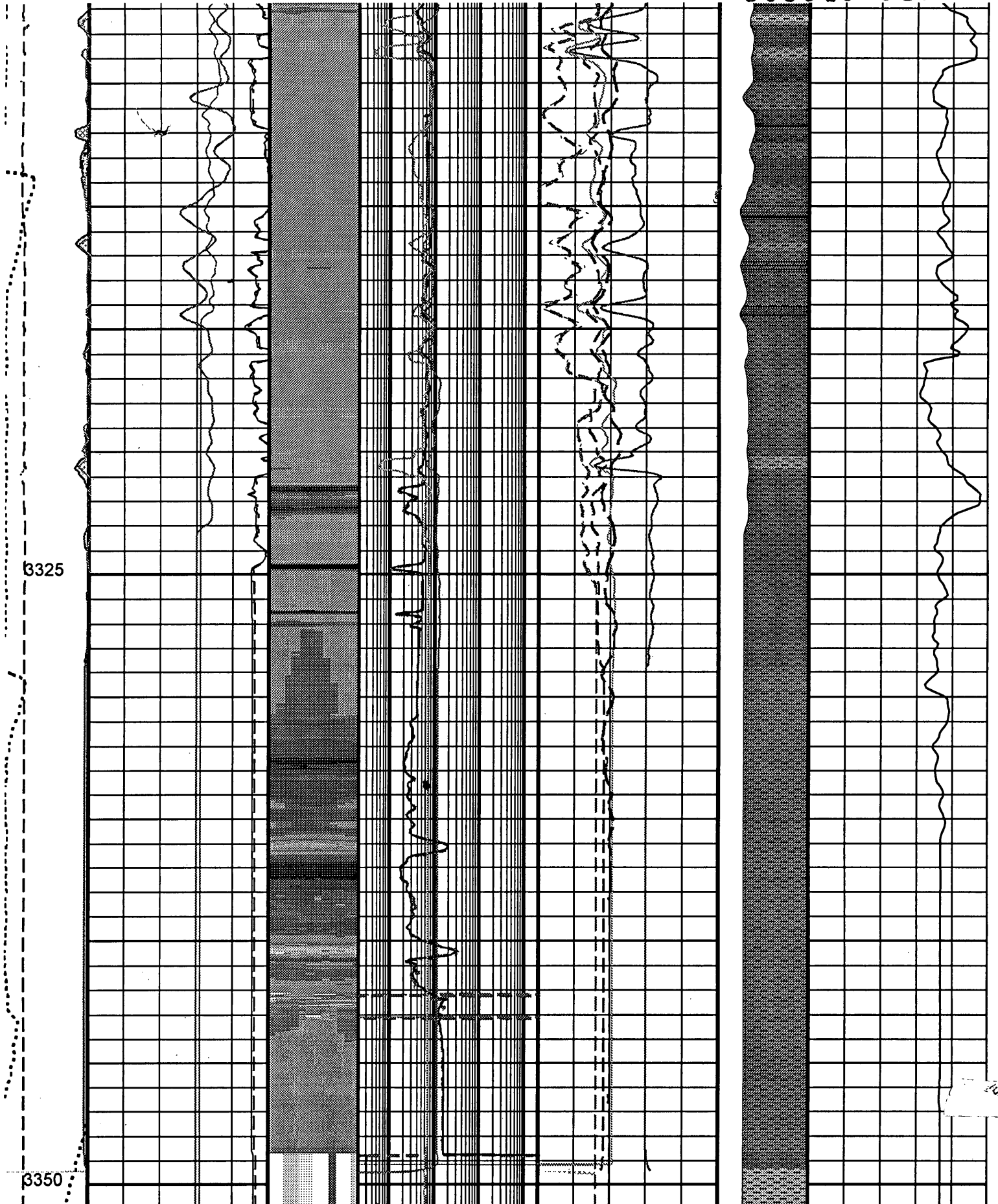
|                                       |                               |  |  |
|---------------------------------------|-------------------------------|--|--|
| Resistivity Stand-off                 | Computed Micro Inverse (HMIN) | HILT/HALS True Resistivity (HART)          | Std. Res. Formation Pe (PEFZ)            |
|                                       | 50 (OHMM) 0.5                 | 0.2 (OHMM) 2000                            | (---) 10                                 |
| Tension (TENS) (LBF)                  | Computed Micro Normal (HMNO)  | High Resolution Shallow Resistivity (HRLS) | Hilt Porosity CrossPlot (PXND_HILT)      |
|                                       | 50 (OHMM) 0.5                 | 0.2 (OHMM) 2000                            | 0.45 (V/V) -0.15                         |
| HILT Caliper (HCAL) (IN)              | SP (SP) (MV)                  | Std. Res. Invaded Zone Resistivity (RXOZ)  | Std. Res. Formation Density (RHOZ)       |
|                                       | -80 (MV) 20                   | 0.2 (OHMM) 2000                            | 1.95 (G/C3) 2.95                         |
| Std. Res. Density Standoff (DSOZ)     | Permeable                     | Hilt Apparent Water Resistivity (RWA_HILT) | Sonic Porosity (SPHI)                    |
|                                       |                               | 50 (MM) 0                                  | 0.002 (OHMM) 20                          |
| Std. Res. Resistivity Standoff (RSOZ) | Permeable                     | Hilt Water Filled Resistivity (RO_HILT)    | Env.Corr.Thermal Neutron Porosity (TNPH) |
|                                       |                               | 50 (MM) 0                                  | 0.2 (OHMM) 2000                          |
| Gas                                   |                               |  |  |

PIP SUMMARY

Time Mark Every 60 S

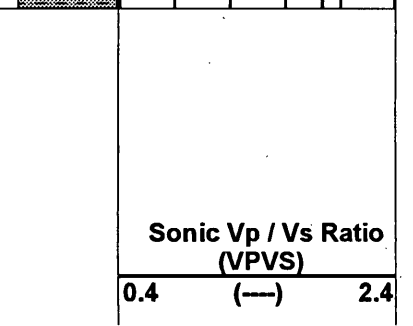
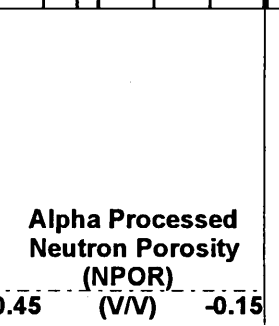
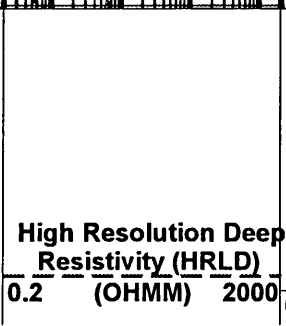
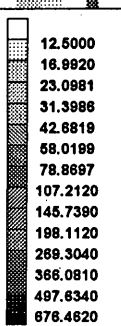
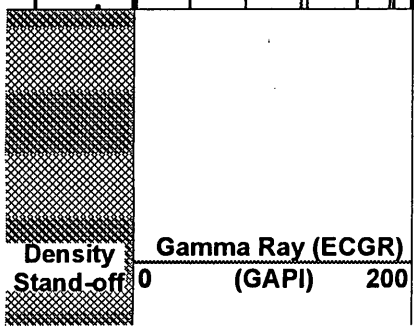
Parameters

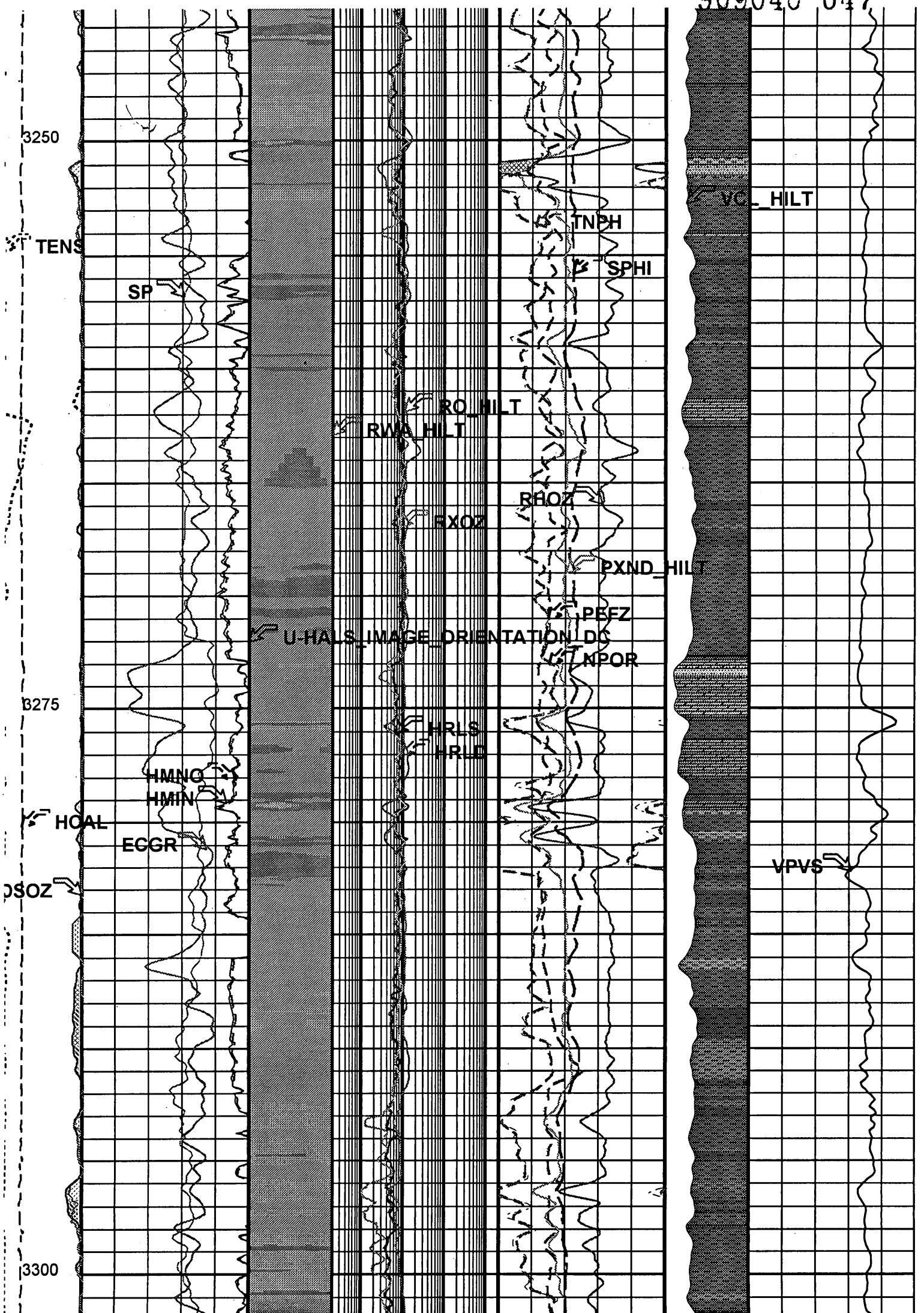
| DLIS Name     | Description  | Value               |
|---------------|--|---------------------|
| A2EX          | HALS Type of Image                                       | Conductivities      |
| AGOS          | HALS-B A2 Extended (Groningen effect)                    | OFF                 |
| ALTDPCAN      | HALS-GPIT OFFSET   | -90 IN              |
| ARIP_LTS      | Name of alternate depth channel                          | SpeedCorrectedDepth |
| ARIP_SHOULDER | HALS Long Tool String Correction                         | OFF                 |
| BAR5_MTR1     | HALS Shoulder Correction                                 | OFF                 |
| BHCC          | Length for Monopole Transmitter to Receiver 1            | 2.7432 M            |
| BHFL          | HALS Borehole Correction                                 | ON                  |
| BHS           | Borehole Fluid Type                                      | WATER               |
| BHT           | Borehole Status  | OPEN                |
| BILI          | Bottom Hole Temperature (used in calculations)           | 105 DEGC            |
| BS            | Bond Index Level for Zone Isolation                      | 0.8                 |
| BSAL          | Bit Size   | 8.500 IN            |
| BSCO          | Borehole Salinity  | 32000.00 PPM        |
| CASF          | Borehole Salinity Correction Option                      | YES                 |
| CCCO          | Label Casing Function - Monopole P&S                     | 50                  |
| CDTS          | Casing & Cement Thickness Correction Option              | NO                  |
| COLL          | C-Delta-T Shale  | 100 US/F            |
| COUL          | Label Slowness Lower Limit - Monopole P&S Compressional  | 40 US/F             |
| CSIZ          | Label Slowness Upper Limit - Monopole P&S Compressional  | 180 US/F            |
| CSTR          | Current Casing Size                                      | 9.625 IN            |
| CWEI          | Compressive Strength of Cement                           | 0 KPAA              |
| DDE1          | Casing Weight  | 47.00 LB/F          |
| DDE2          | Digitizing Delay 1                                       | 0 US                |
| DDE3          | Digitizing Delay 2                                       | 0 US                |
| DDE4          | Digitizing Delay 3                                       | 0 US                |
| DDE5          | Digitizing Delay 4                                       | 0 US                |
| DDEX          | Digitizing Delay 5                                       | 0 US                |
| DFD           | Digitizing Delay X                                       | 0 US                |
| DHC           | Drilling Fluid Density                                   | 1.12 G/C3           |
| DHOP          | Density Hole Correction                                  | BS                  |
| DLCS          | Diameter & Eccentering used in HALS Borehole Corrections | Caliper_Centered    |
| DLHS          | Label Compressional Source - Dipole Shear                | USE                 |
| DPPM          | Label Hole Diameter Source for SOBS Channel              | AUTO                |
| DSHL          | Density Porosity Processing Mode                         | HIRS                |
|               | Label Slowness Lower Limit - Dipole Shear                | 75 US/F             |



3325

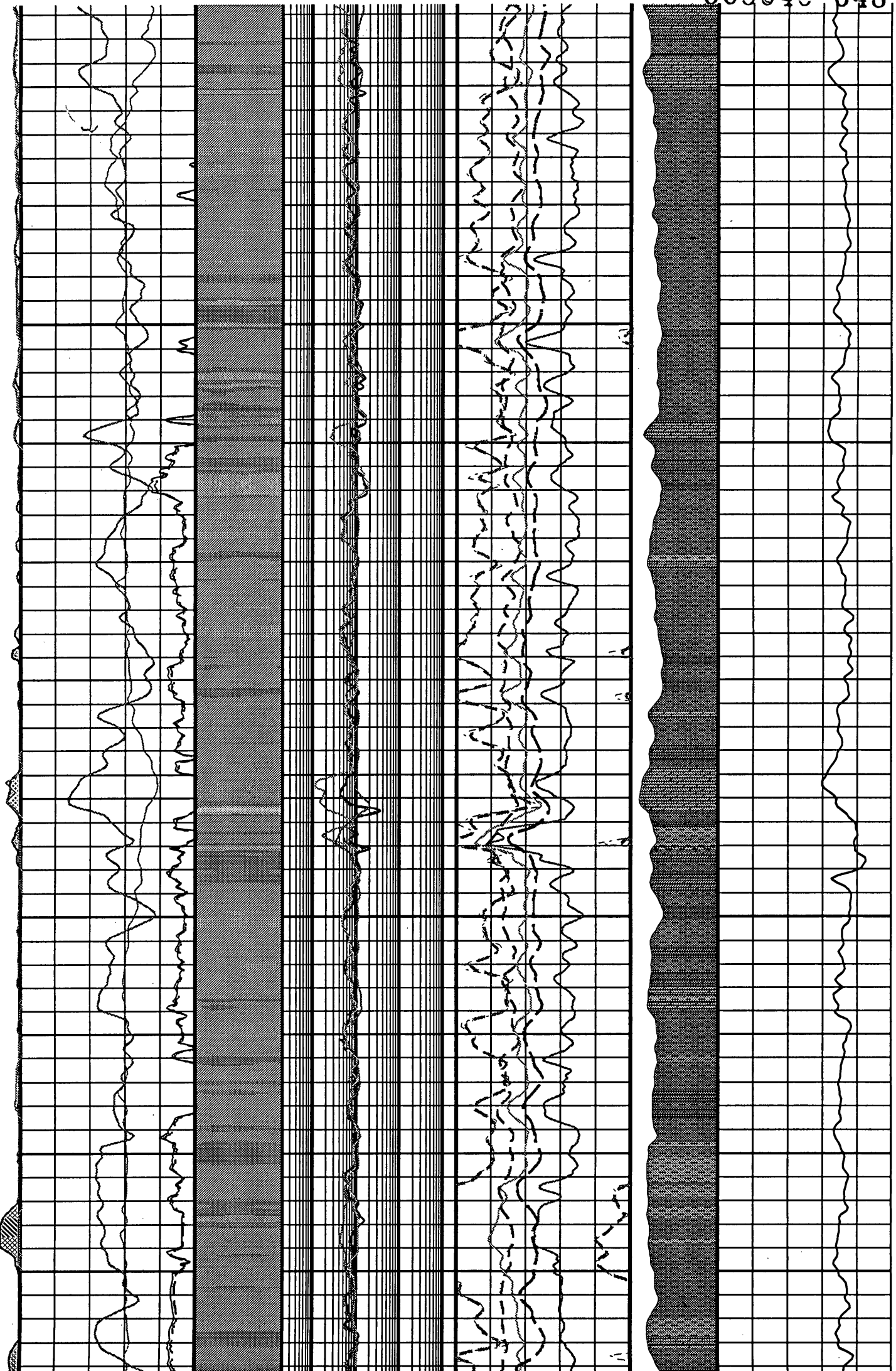
3350





3200

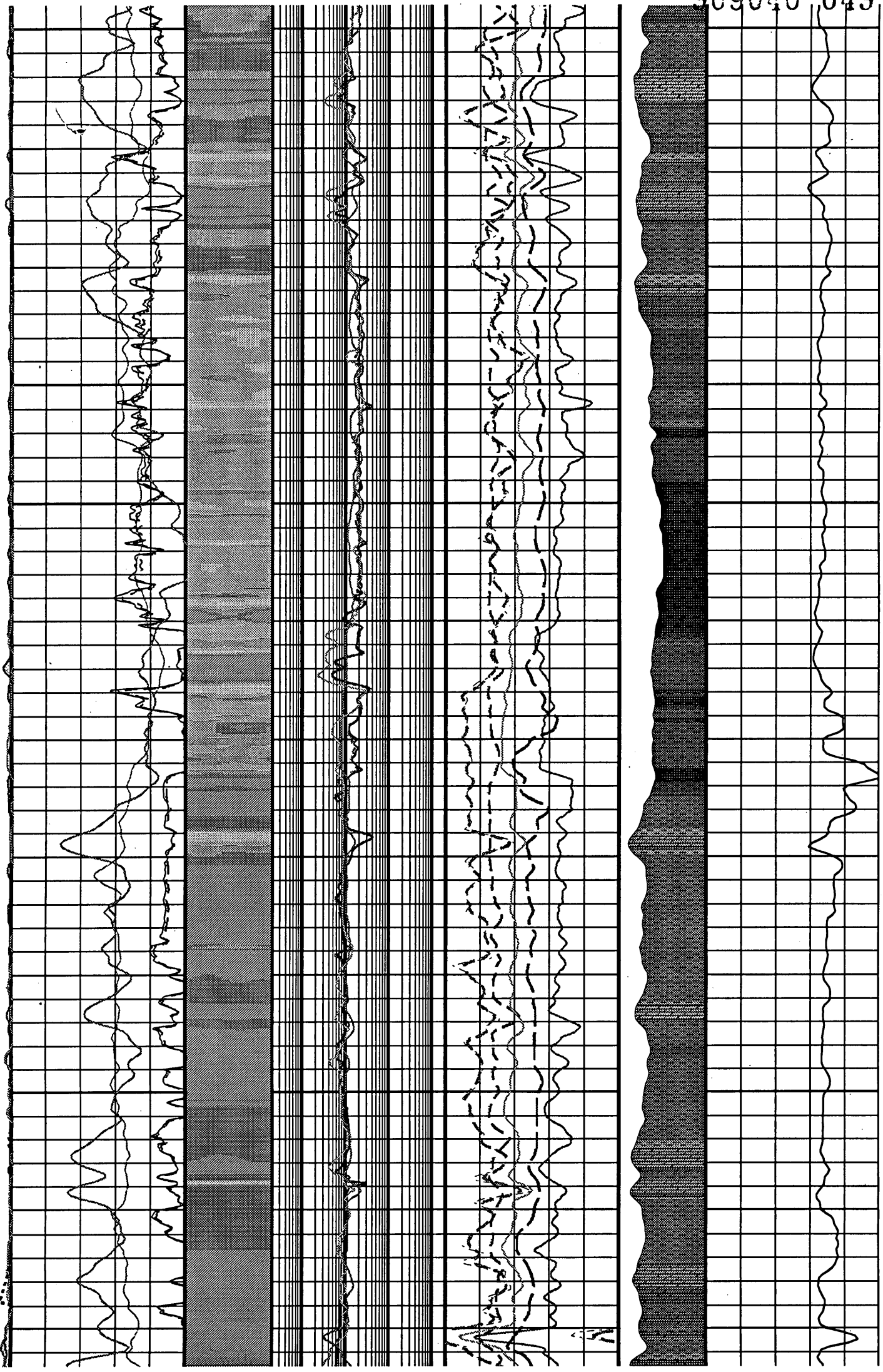
3225

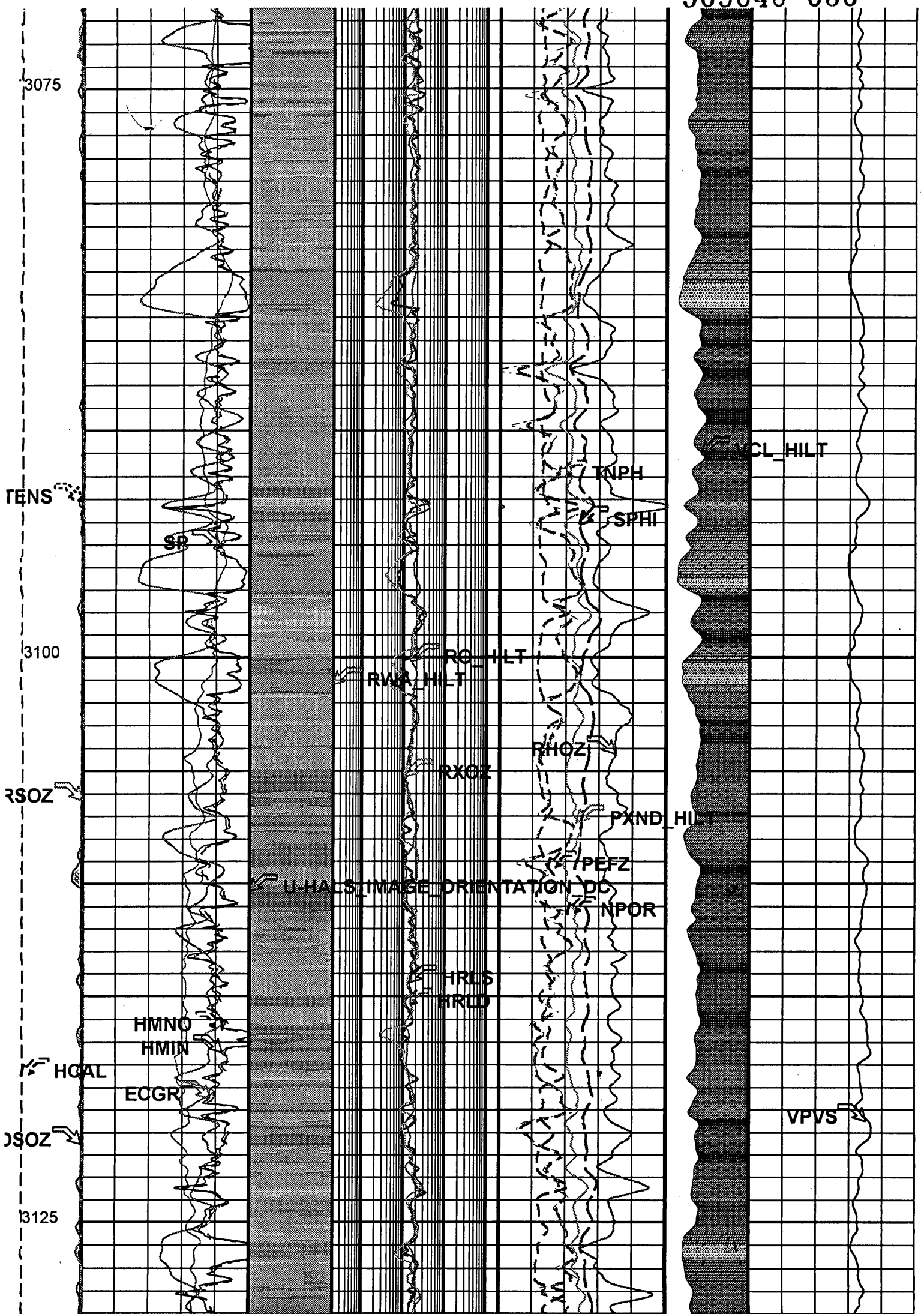




3150

3175

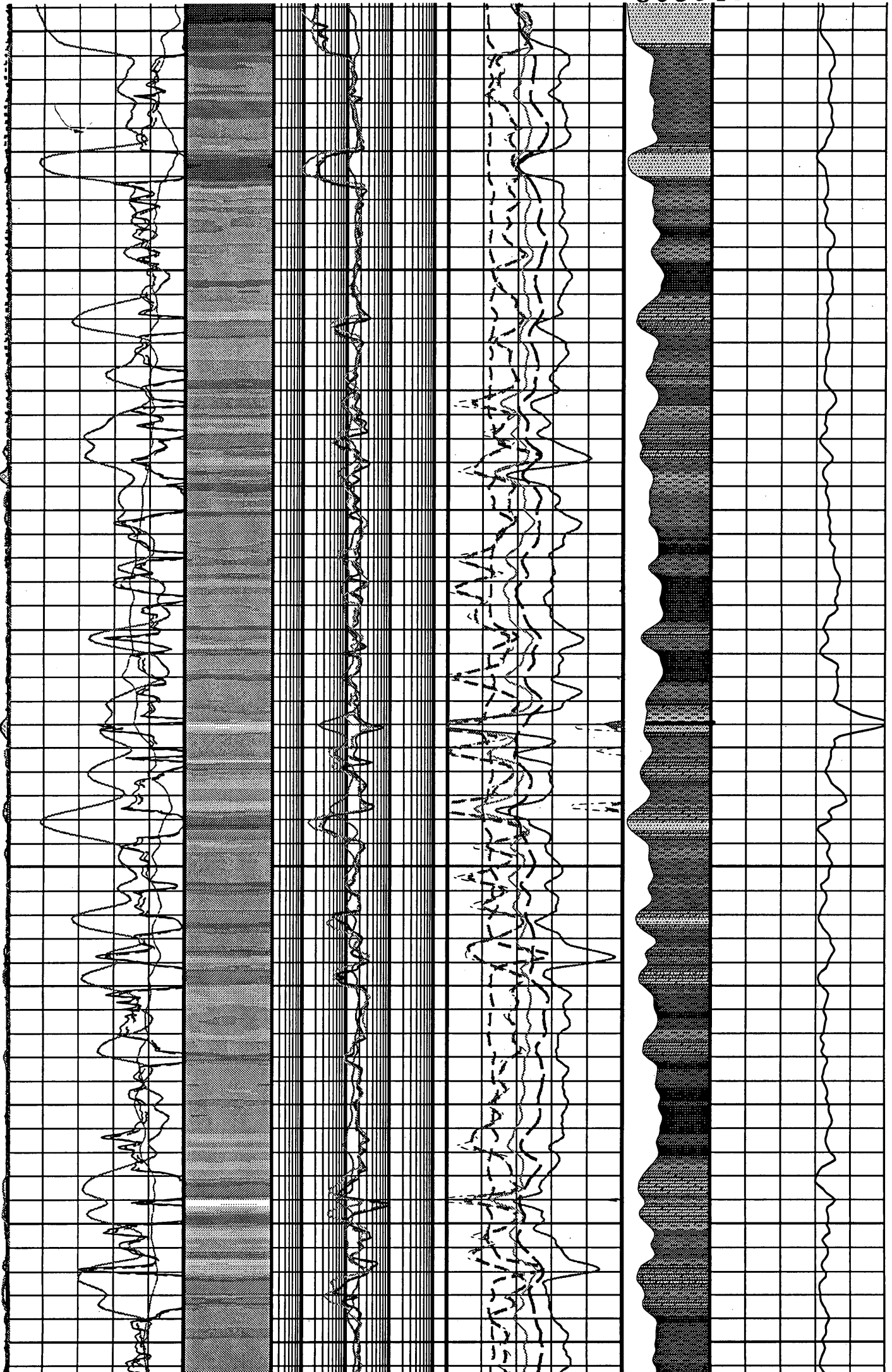




909040 051

3025

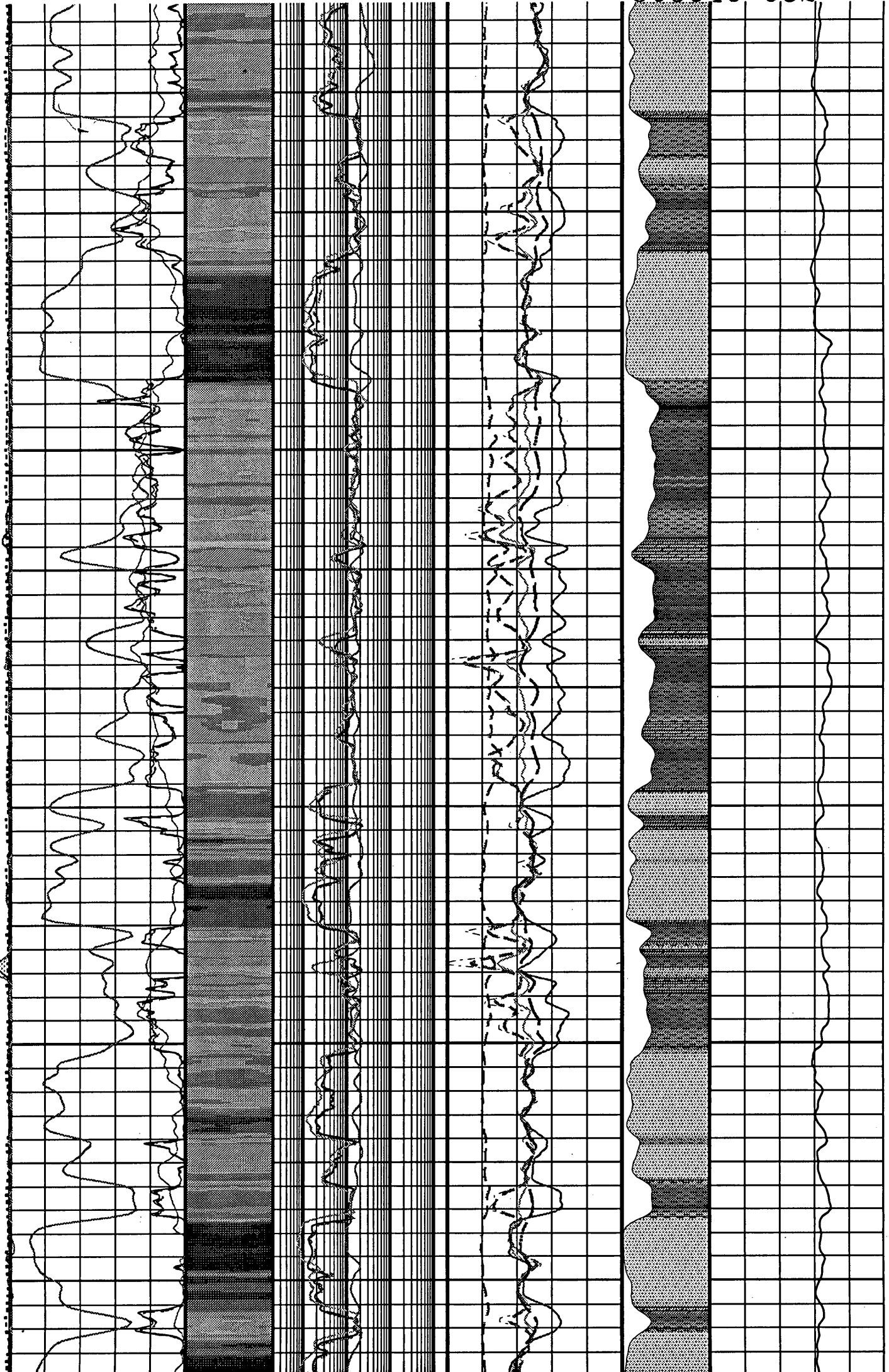
3050



909040 052

2975

3000

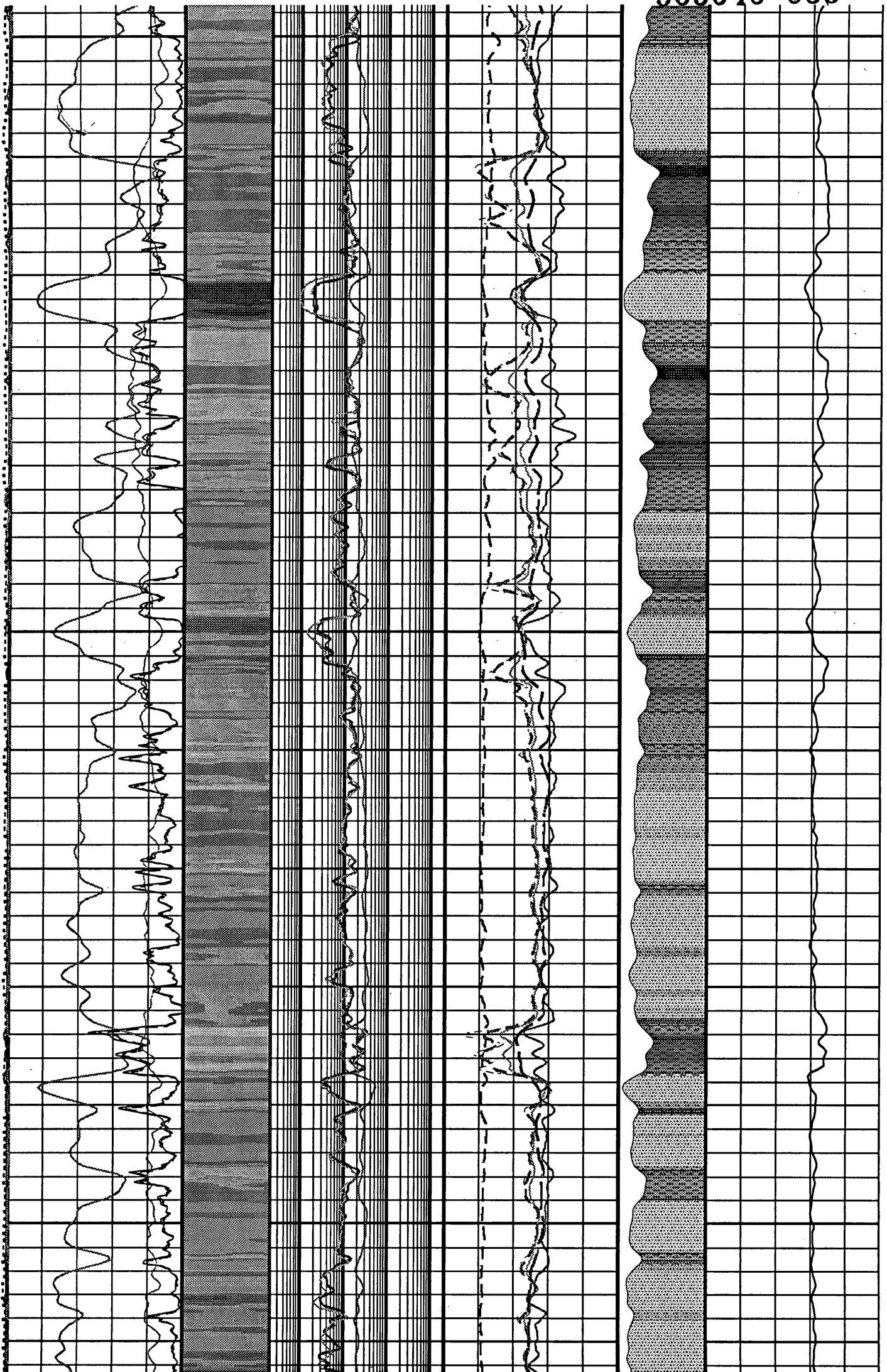


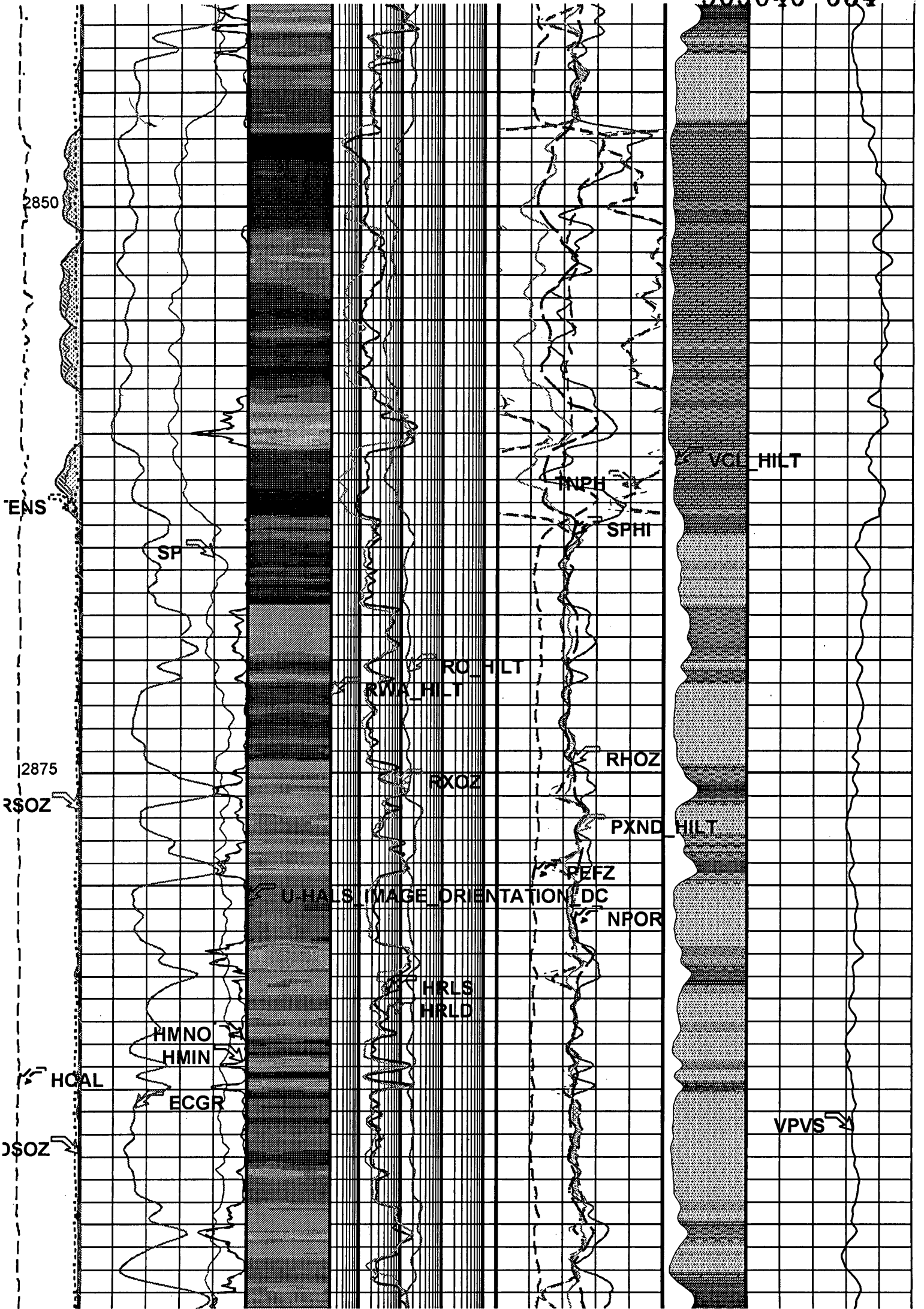
909040 053

2900

2925

2950





2850

ENS

SP

2875

RZOZ

RO\_HILT

RWA\_HILT

RHOZ

RZOZ

PXND\_HILT

REFZ

U-HALS IMAGE ORIENTATION DC

NPOR

HRLS

HRLD

HMNO

HMIN

HCAL

ECGR

DZOZ

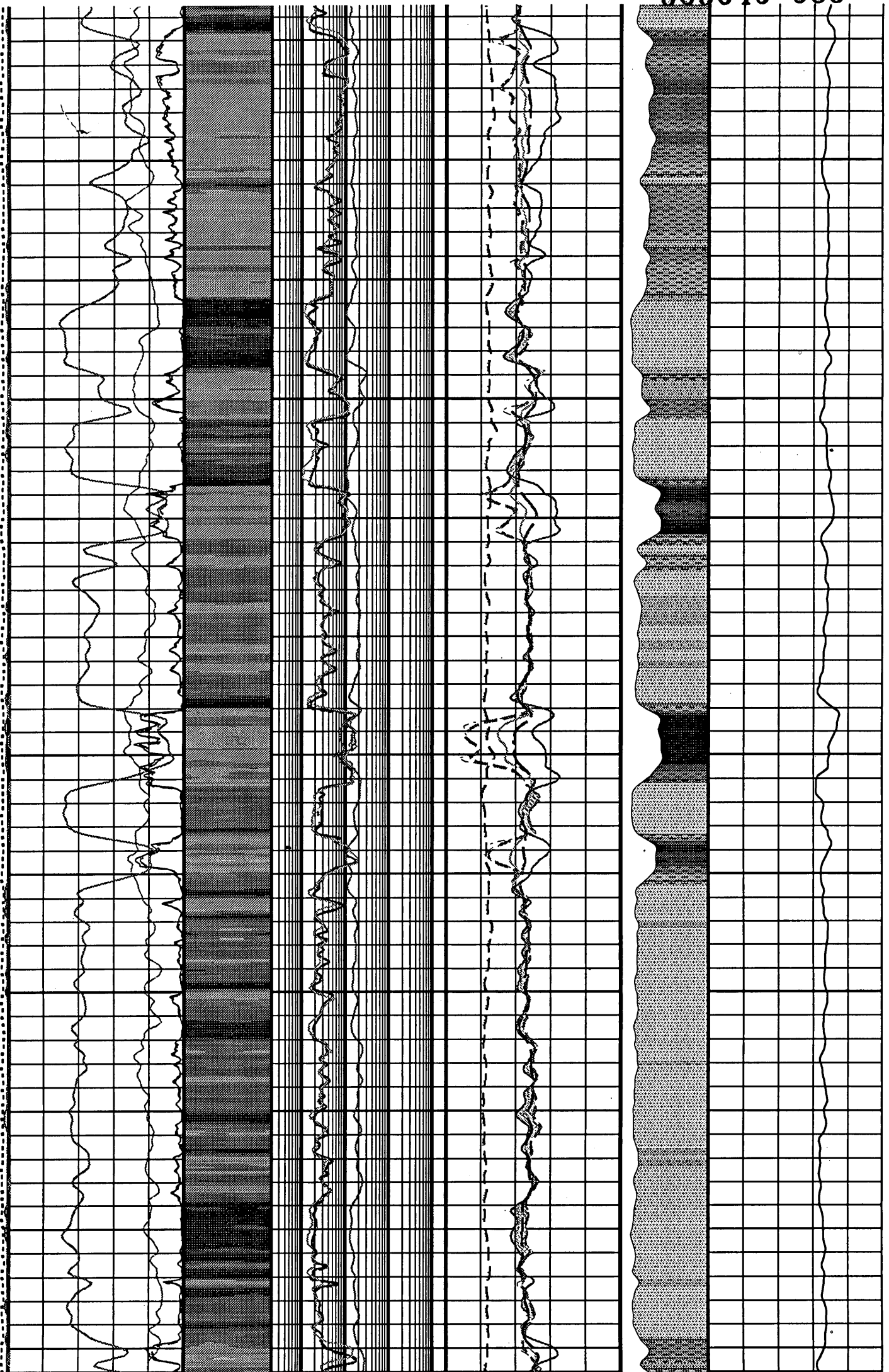
VCE\_HILT

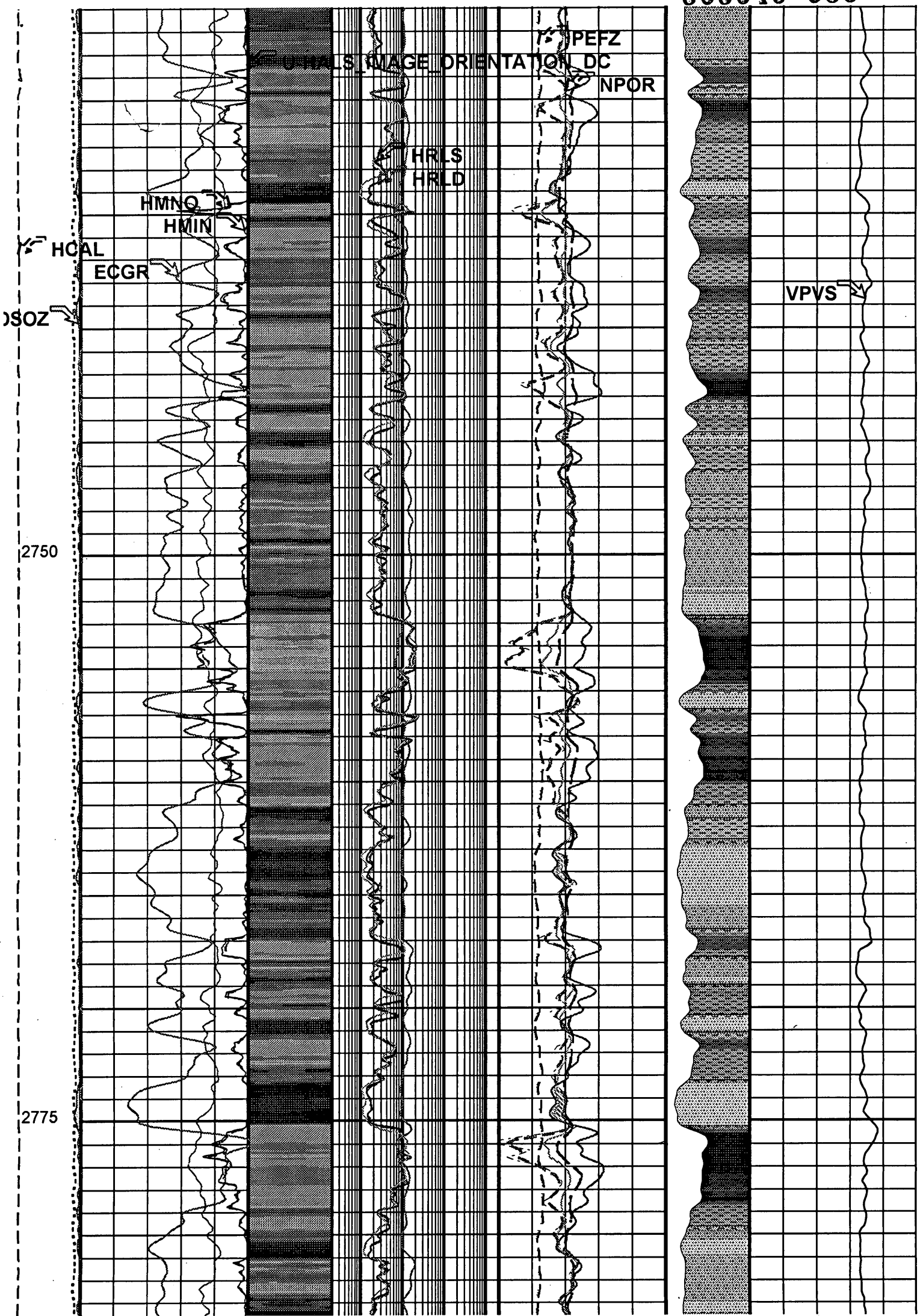
VPVS

909040 055

2800

2825









Output DLIS Files

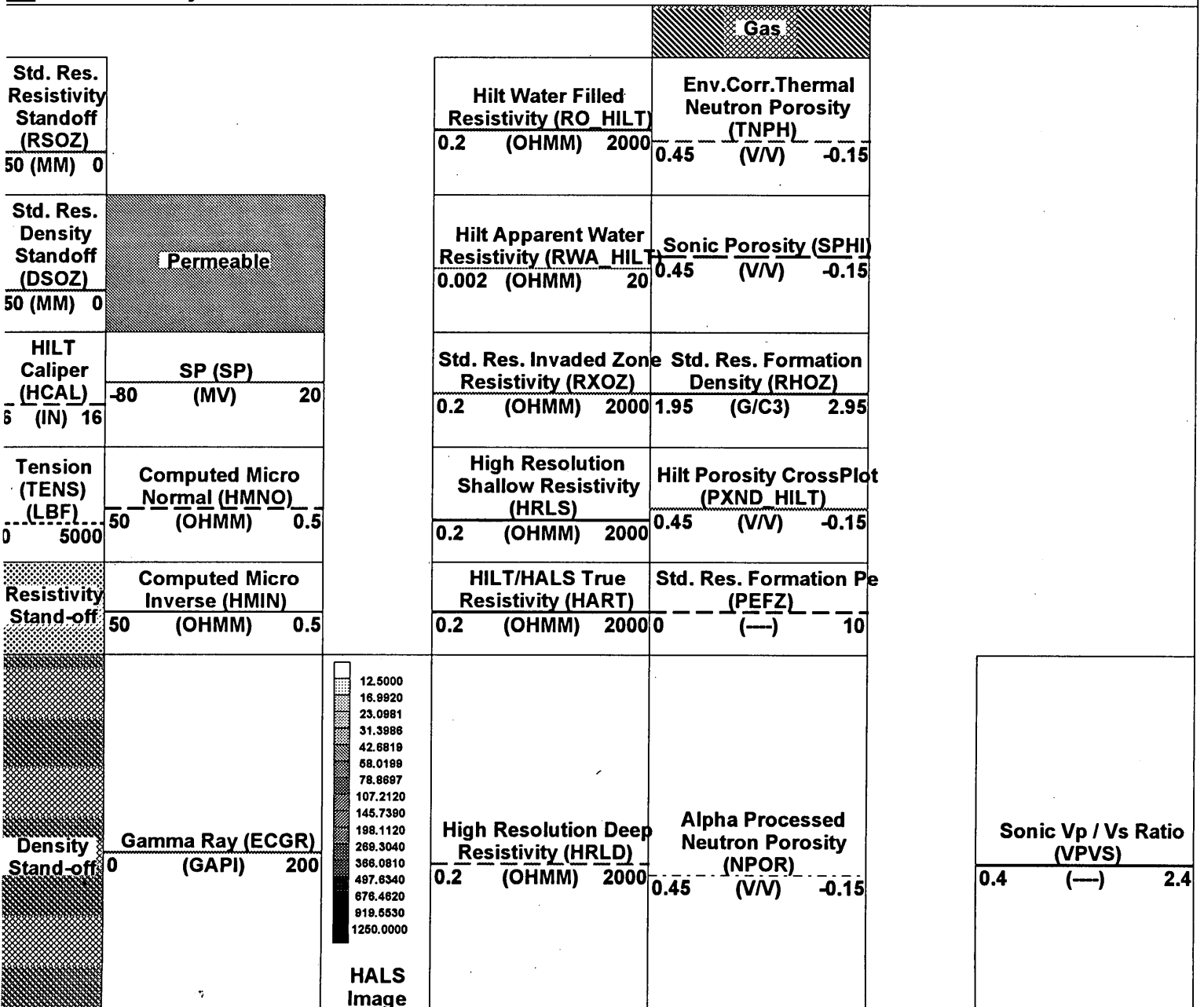
|         |                          |       |          |                   |          |          |
|---------|--------------------------|-------|----------|-------------------|----------|----------|
| DEFAULT | HALS_DSI_TLD_MCFL_075LUP | FN:77 | PRODUCER | 14-Nov-2001 02:52 | 3351.0 M | 2670.2 M |
| PEX_BUP | HALS_DSI_TLD_MCFL_075LUP | FN:78 | PRODUCER | 14-Nov-2001 01:52 | 3351.0 M | 2670.2 M |

OP System Version: 9C2-303  
MCM

|           |          |        |          |
|-----------|----------|--------|----------|
| HALS-B    | OP92-KP2 | DSST-B | OP92-KP2 |
| HILTB-FTB | OP92-KP2 | DTC-A  | OP92-KP2 |
| BSP       | 9C2-303  |        |          |

PIP SUMMARY

Time Mark Every 60 S



ian@petroconsult.com.au on 11/14/2001 06:24:44 AM



To: kourosh.mehin@nre.vic.gov.au  
cc: (bcc: Kourosh Mehin/NRE)  
Subject: Melville-1 log evaluation - water bearing

---

Kourosh, I have just talked with Don Clarke of Schlumberger who has confirmed all zones in Melville-1 water bearing - instructing rig to continue with 'dry hole' logging run

See attached pds file

Regards

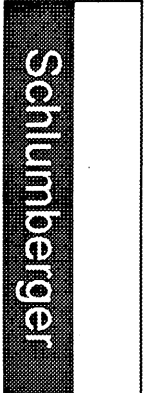
Ian

Ian S. A. Reid  
Terra Firma Technology Pty Ltd  
Ph +61 3 95072235  
Fax +61 3 95072236  
Mobile 0417 391 789

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- melville1\_elan\_quicklook\_draft1.pds



PERTH W.A.  
DATA SERVICES  
INTERPRETATION

# ELANPlus\*

## Quick Look

### Formation Evaluation

\*A Mark of Schlumberger

Using the following logs:

**COMPANY:** BASS STRAIT OIL COMPANY Ltd.  
**WELL:** MELVILLE-1  
**FIELD:** MELVILLE  
**RIG:** OCEAN BOUNTY  
**STATE:** VICTORIA  
**COUNTRY:** AUSTRALIA  
**Date Logged:** 13-NOV-2001  
**Well Location:** Date Processed: 14-NOV-2001  
**Elevations:** Easting: 585729.8 m Northing: 5717796.0 m  
**API Number:** KB: 25 m DF: GL: 75 m  
**Job Number:**

FOLD HERE The well name, location and borehole reference data were furnished by the customer.

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretations made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

|                   |             |                          |                       |
|-------------------|-------------|--------------------------|-----------------------|
| Field Recording:  | Location:   | Software Version:        | Engineer:             |
| Office Recording: | ICS Center: | Baseline: GeoFrame 3.8.1 | Log Analyst: D.Clarke |

|  |                        |                 |
|--|------------------------|-----------------|
| Mud and Borehole Measurements:                 |                        |                 |
| Rm @ Measured Temperature: 0.126ohm.m @ 18degC | BHT: 105degC           | Bitsize: 8.5in  |
| Rmf @ Measured Temperature 0.111ohm.m @ 18degC | Type Fluid in Hole:    | KCL/PHPA/GLYCOL |
| Rmc @ Measured Temperature 0.175ohm.m @ 18degC | Mud Density: 1.12g/cm3 |                 |

Remarks:

Quick Look formation evaluation based upon essential logs transmitted through IWW 3.0

Rwa=0.08 ohm.m @ 105 degC ( 27,000 ppm NaCl equiv)

Rmfa=0.06 ohm.m @ 105 degC (37,500 ppm NaCl equiv)

Volcanics from 2846m to 2864m has not been modelled, but coal beds are modelled as bituminous.

\*Mark of Schlumberger

909040 061

Moved Water

Moved Hydrocarbon

Water

Oil

Quartz

Coa

Bound Water

Kaolinite

Illite

Moved Water

Moved Hydrocarbon

Water

Oil

RHGA .FUN1 [A76293]  
2.5 (g/cm3) 3

SW

MD  
1 : 200  
m

QV .FUN1 [A7629344]  
0 (meq/cm3) 5

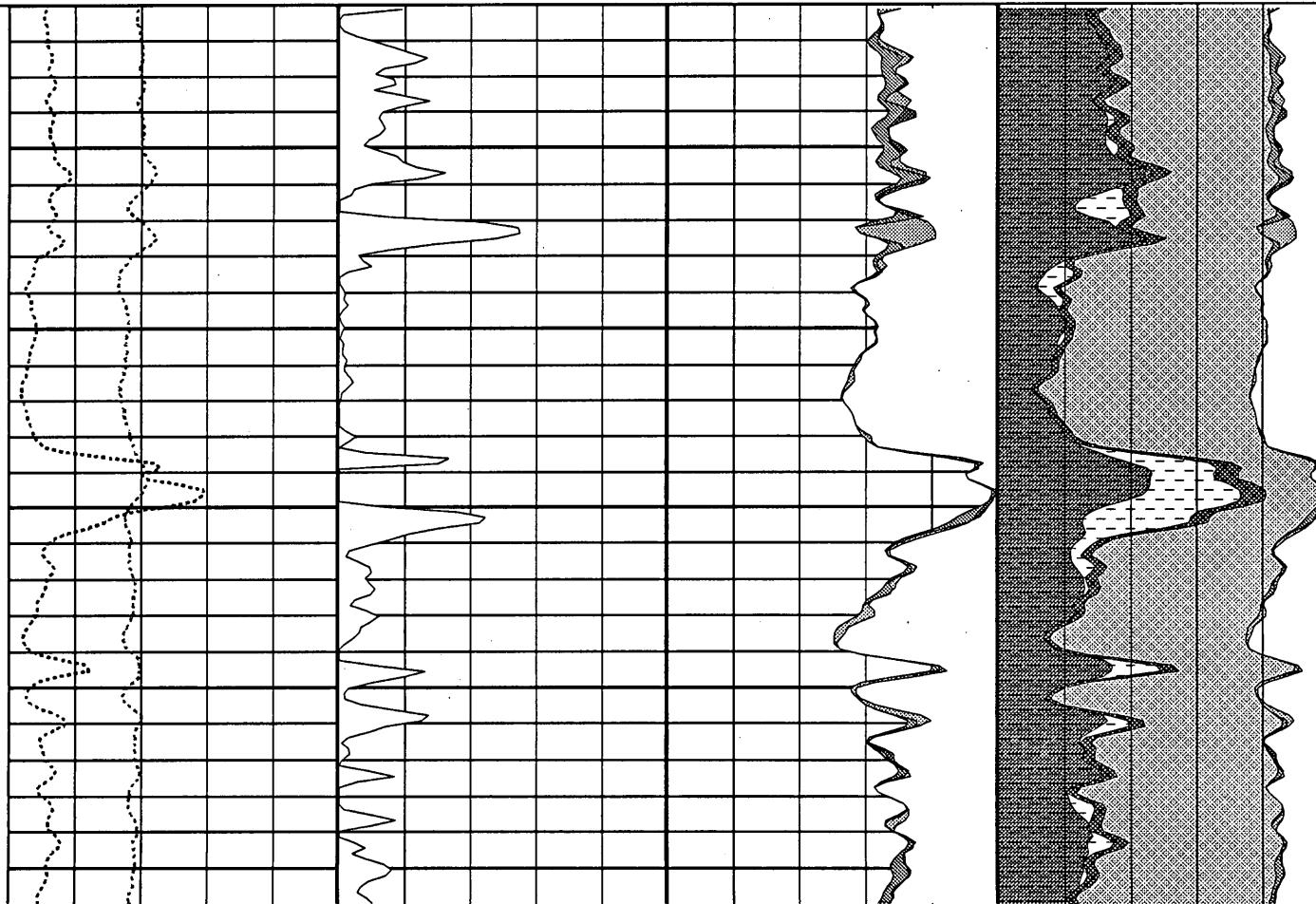
SUWI .FUN1 [A76293]  
1 (m3/m3) 0

Elan Fluid Analysis  
0.5 (V/V) 0

Volumetric Analysis  
1 (V/V) 0

MELVILLE-1 [Fun\_1]

2720

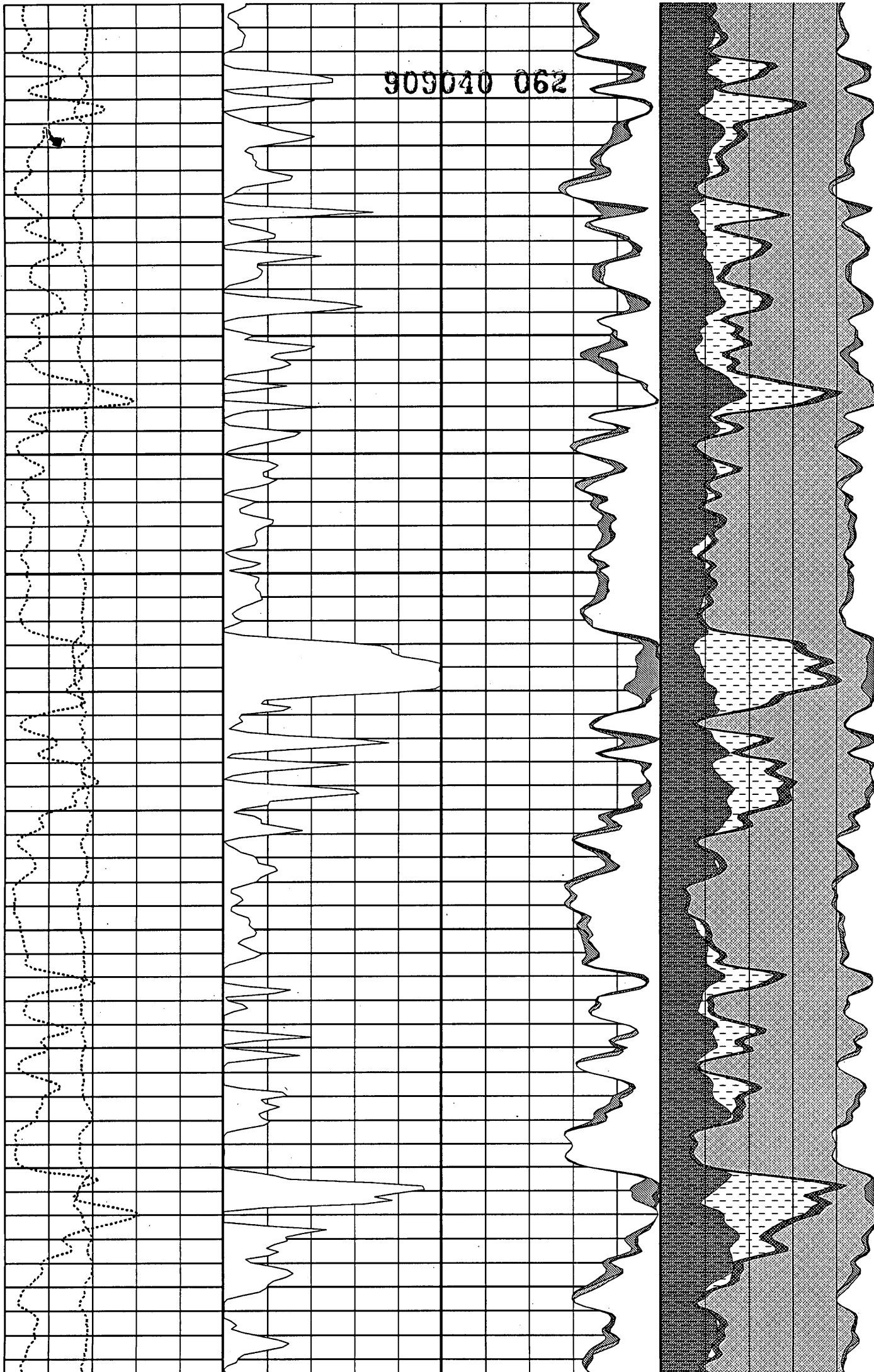


909040 062

2740

2760

2780

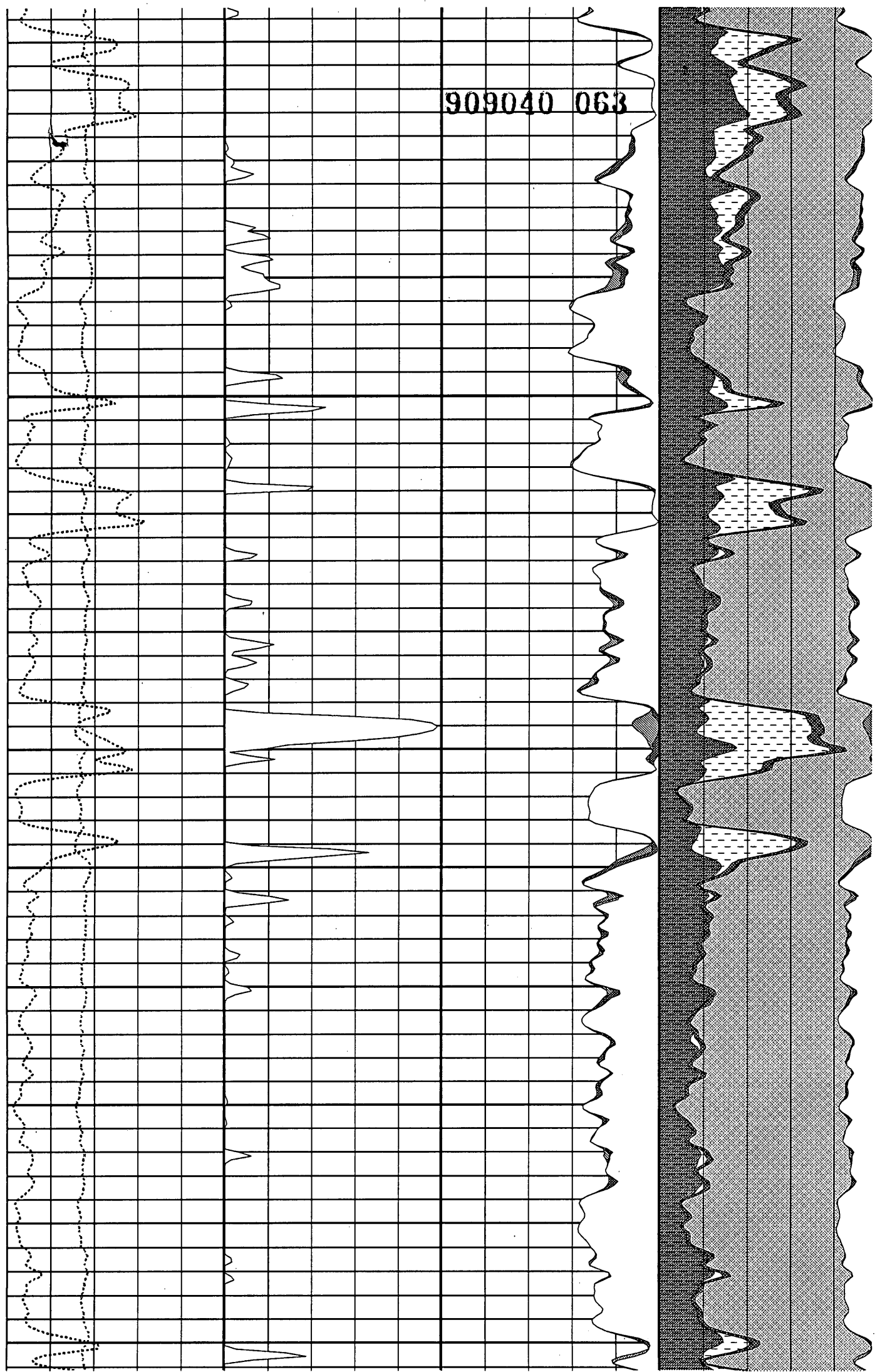


909040 063

2800

2820

2840

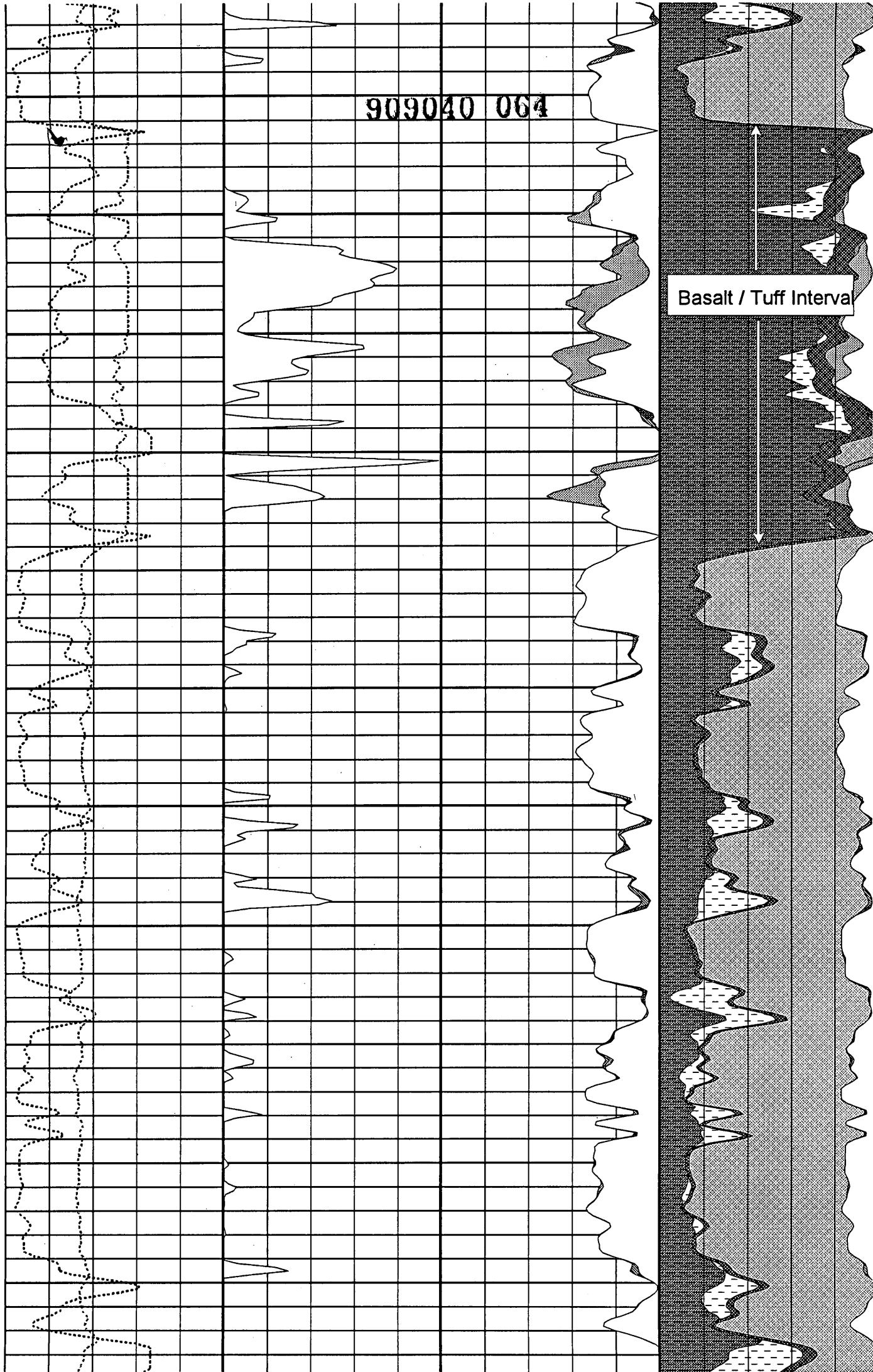


909040 064

2860

2880

Basalt / Tuff Interval



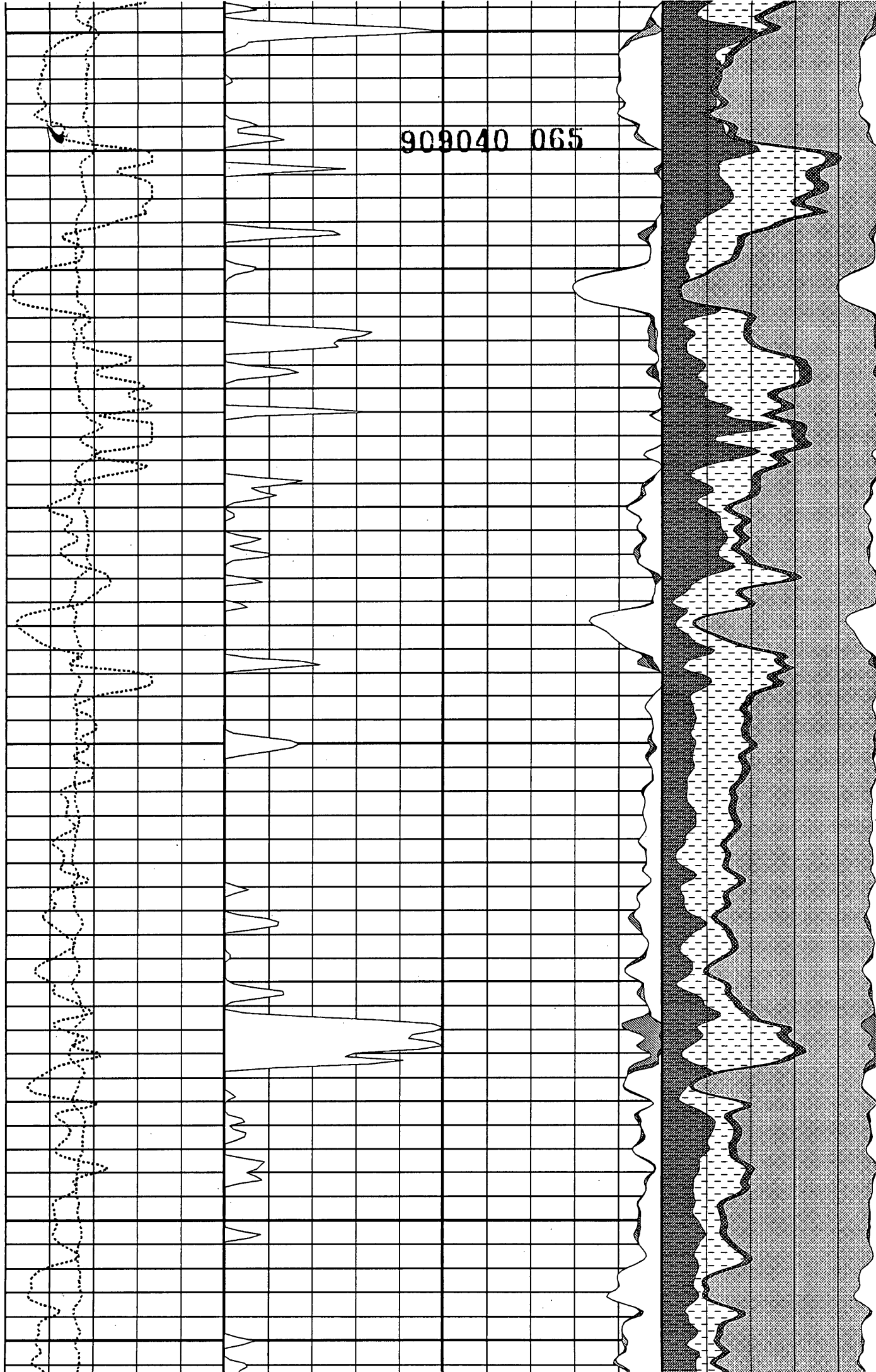


2900

909040 065

2920

2940

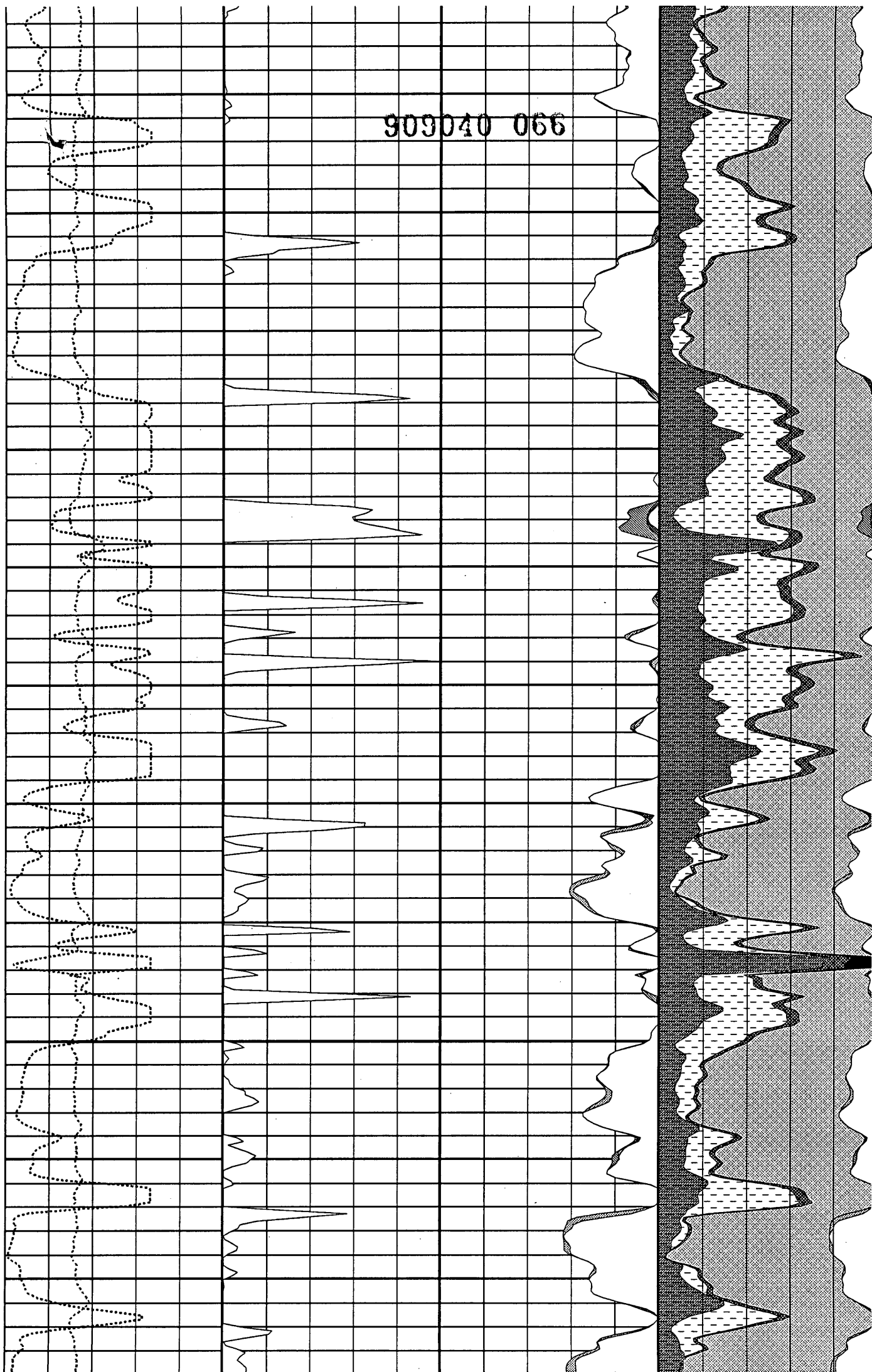


2960

909040 066

2980

3000

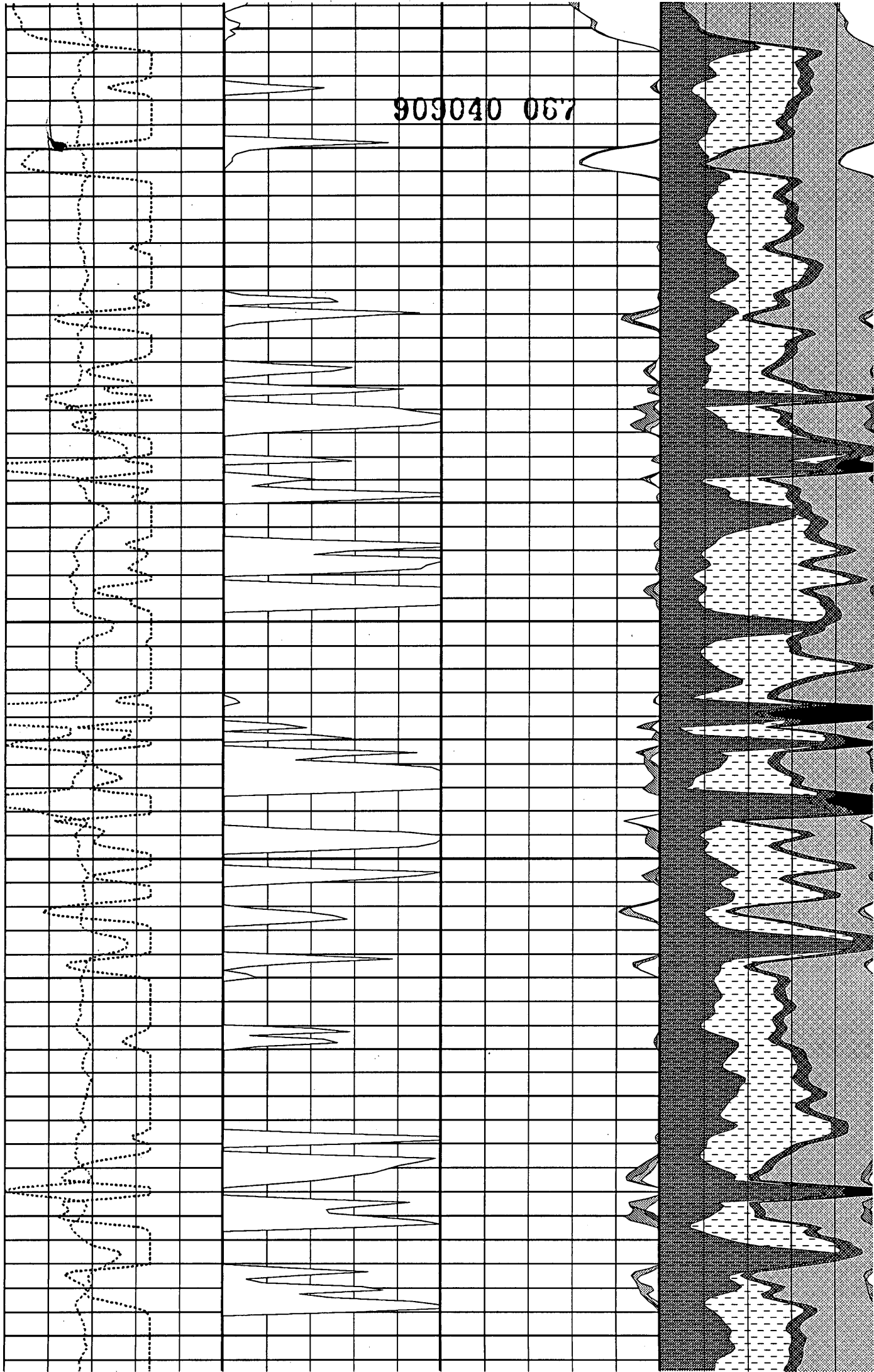


909040 067

3020

3040

3060

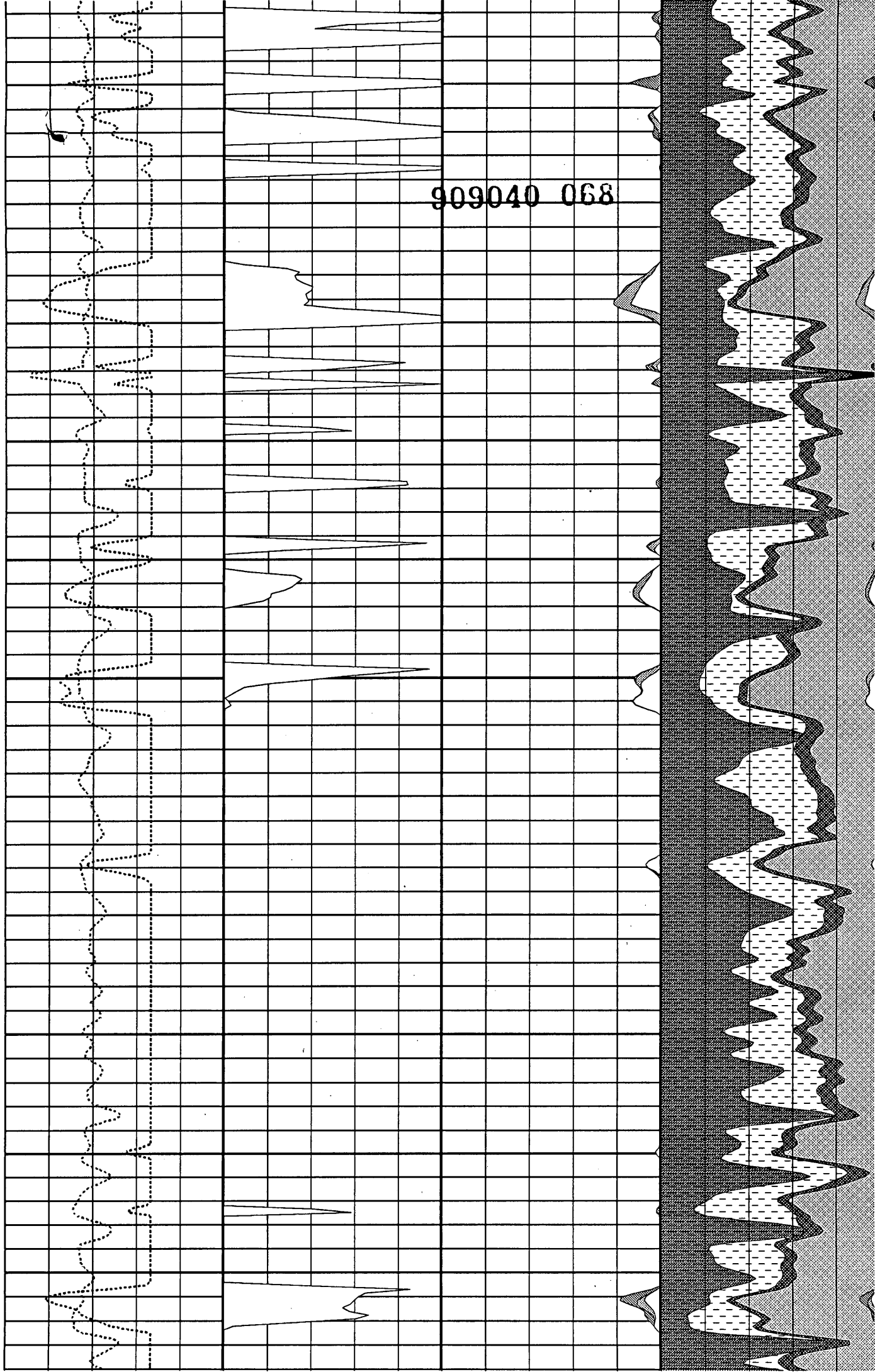


3080

909040 068

3100

3120

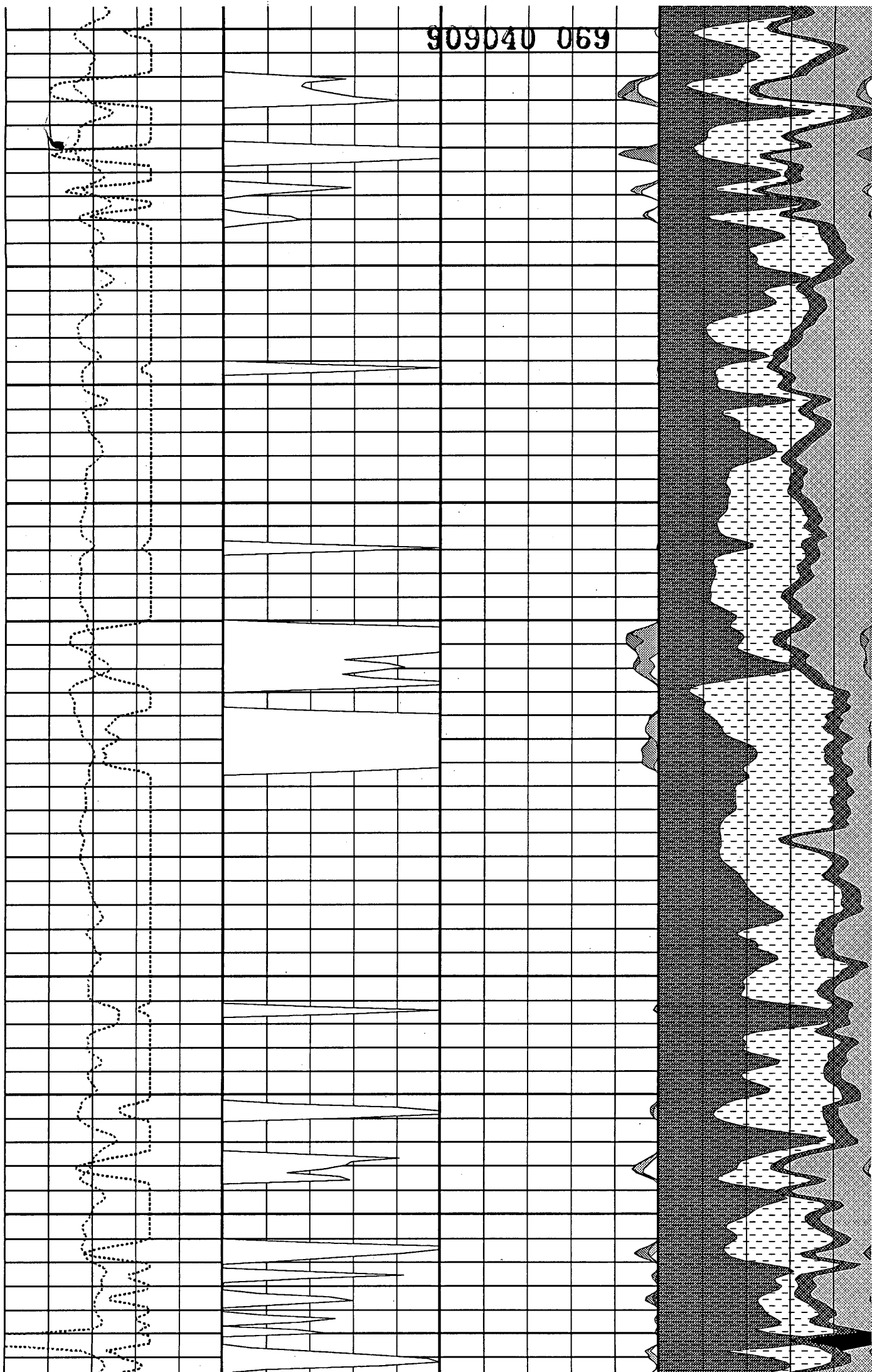


909040 069

3140

3160

3180

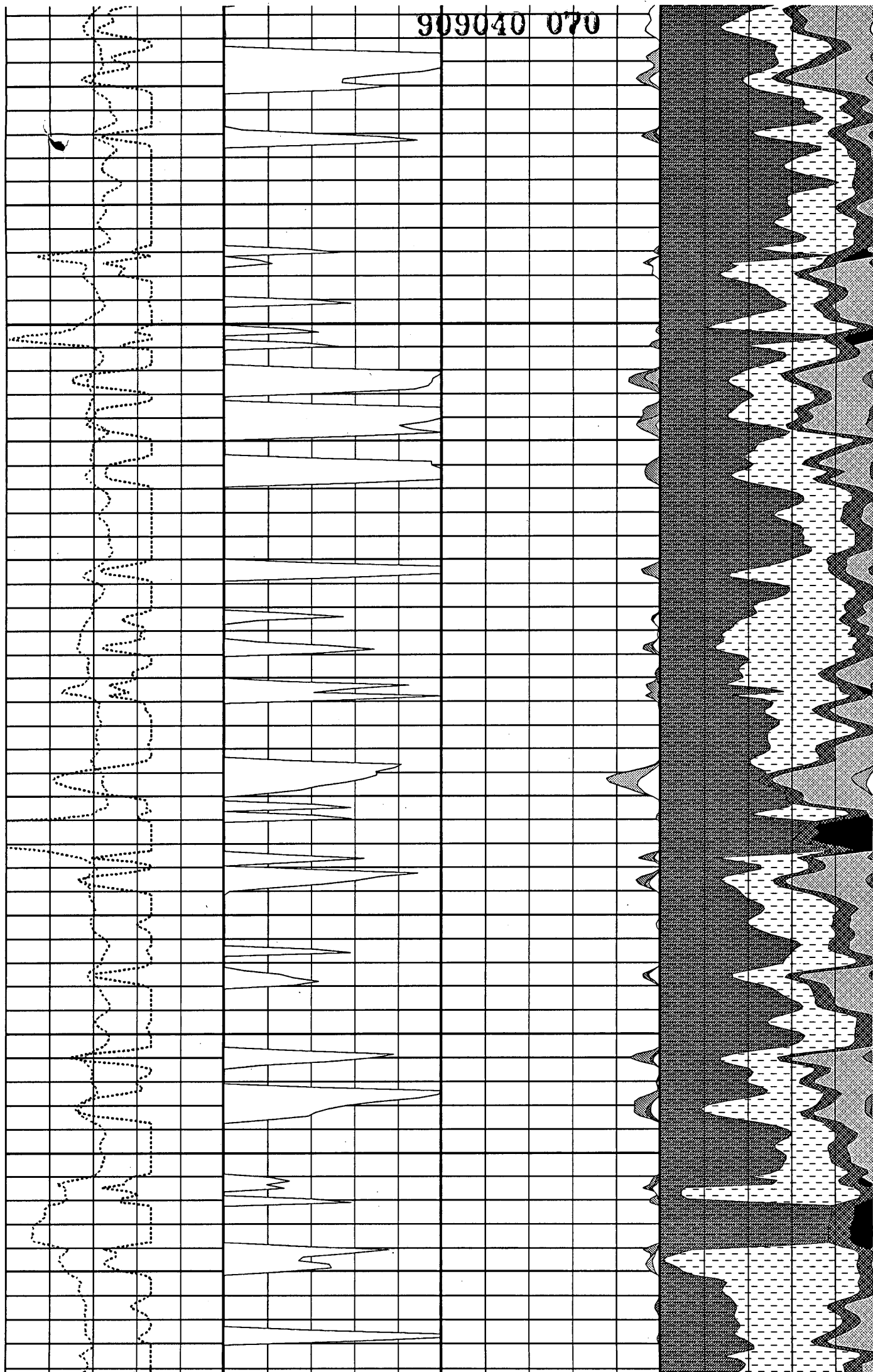


909040 070

3200

3220

3240

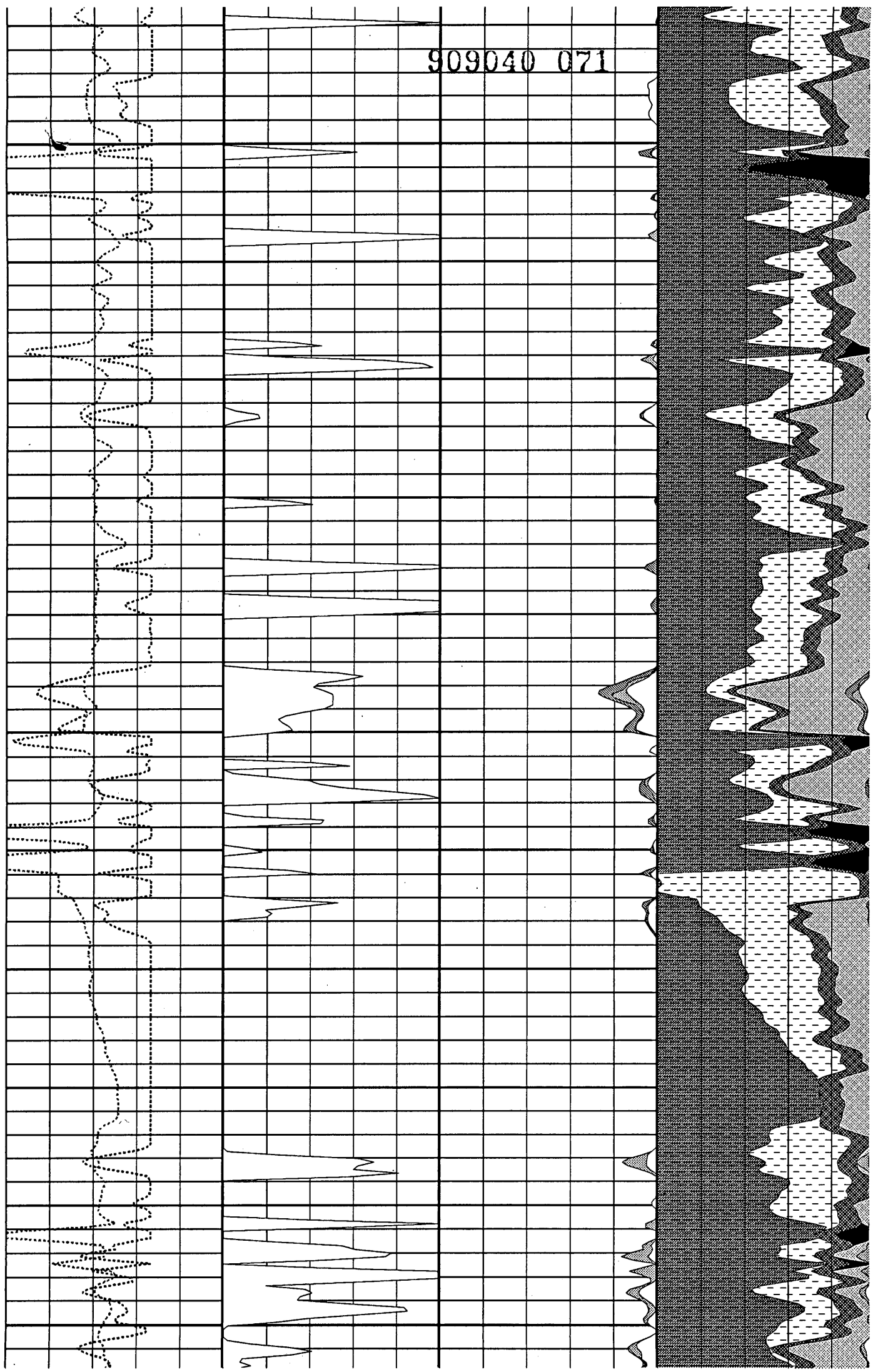


909040 071

3260

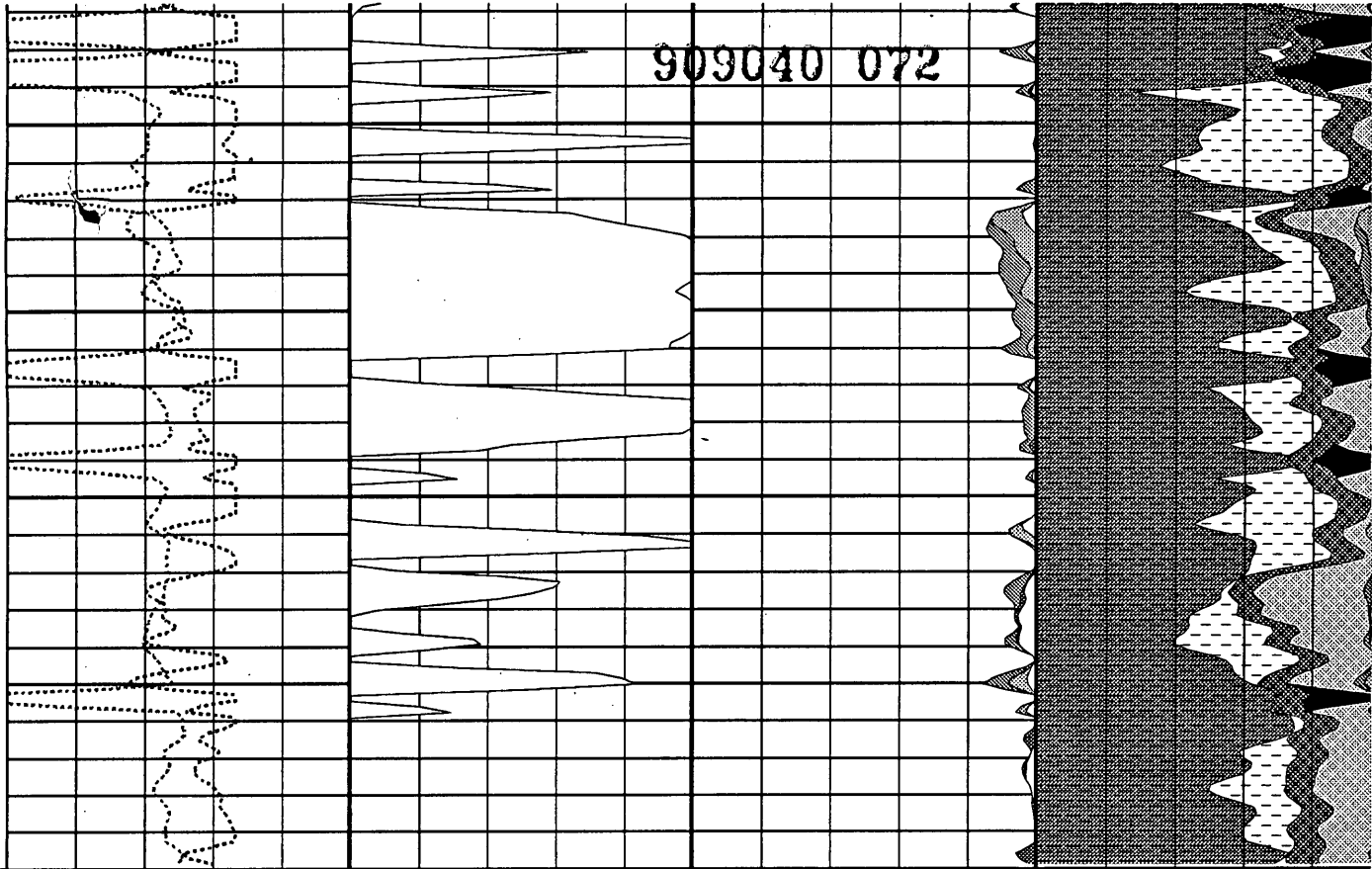
3280

3300



909040 072

3320

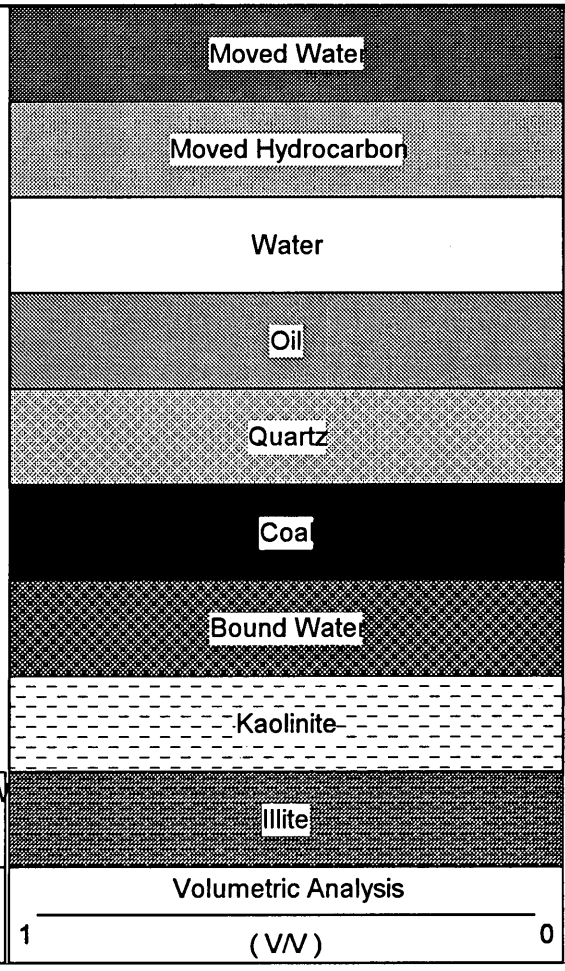


MELVILLE-1 [Fun\_1]

|                    |                                      |                                    |                                   |                                 |
|--------------------|--------------------------------------|------------------------------------|-----------------------------------|---------------------------------|
| MD<br>1 : 200<br>m | QV .FUN1 [A7629344]<br>0 (meq/cm3) 5 | SUWI .FUN1 [A76293]<br>1 (m3/m3) 0 | Moved Water                       | Moved Water                     |
|                    | RHGA .FUN1 [A76293]<br>2.5 (g/cm3) 3 | SW                                 | Moved Hydrocarbon                 | Moved Hydrocarbon               |
|                    |                                      |                                    | Water                             | Water                           |
|                    |                                      |                                    | Oil                               | Oil                             |
|                    |                                      |                                    | Elan Fluid Analysis<br>0.5 (VV) 0 | Quartz                          |
|                    |                                      |                                    |                                   | Coal                            |
|                    |                                      |                                    |                                   | Bound Water                     |
|                    |                                      |                                    |                                   | Kaolinite                       |
|                    |                                      |                                    |                                   | Illite                          |
|                    |                                      |                                    |                                   | Volumetric Analysis<br>1 (VV) 0 |



909040 073

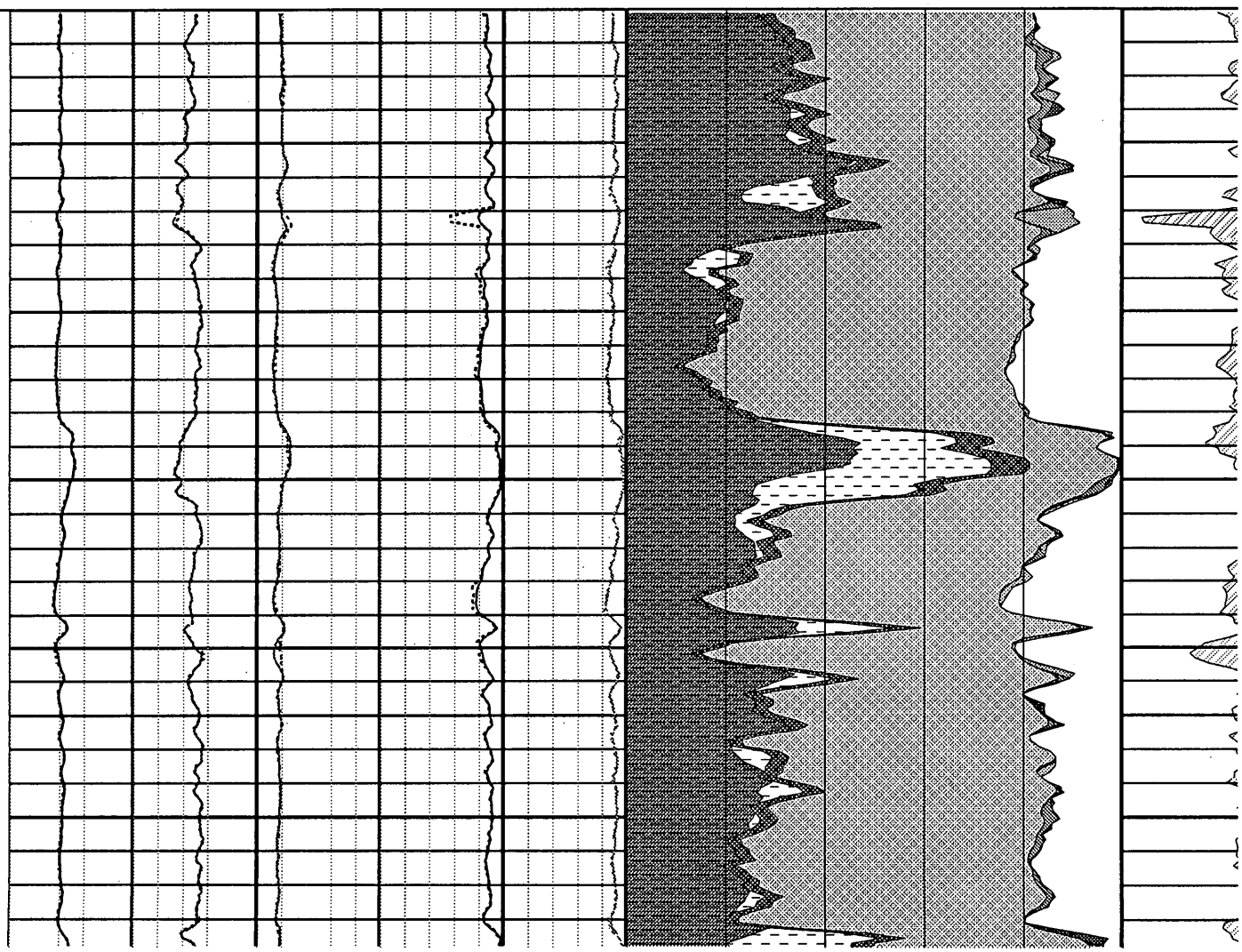


| RHOB_R              | NPHI_R             | U_R_C1   | CXDC_DW             | CUDC_DW             |
|---------------------|--------------------|----------|---------------------|---------------------|
| 1.5/cm <sup>3</sup> | 0.5/m <sup>3</sup> | 2 ( ) 22 | 5000/m <sup>3</sup> | 5000/m <sup>3</sup> |
| RHOB_C1             | NPHI_C1            | U_C1     | CXDC_C1             | CUDC_C1             |
| 1.5/cm <sup>3</sup> | 0.5/m <sup>3</sup> | 2 ( ) 22 | 5000/m <sup>3</sup> | 5000/m <sup>3</sup> |

MD  
1 : 200  
m

MELVILLE-1 [Comb\_1]

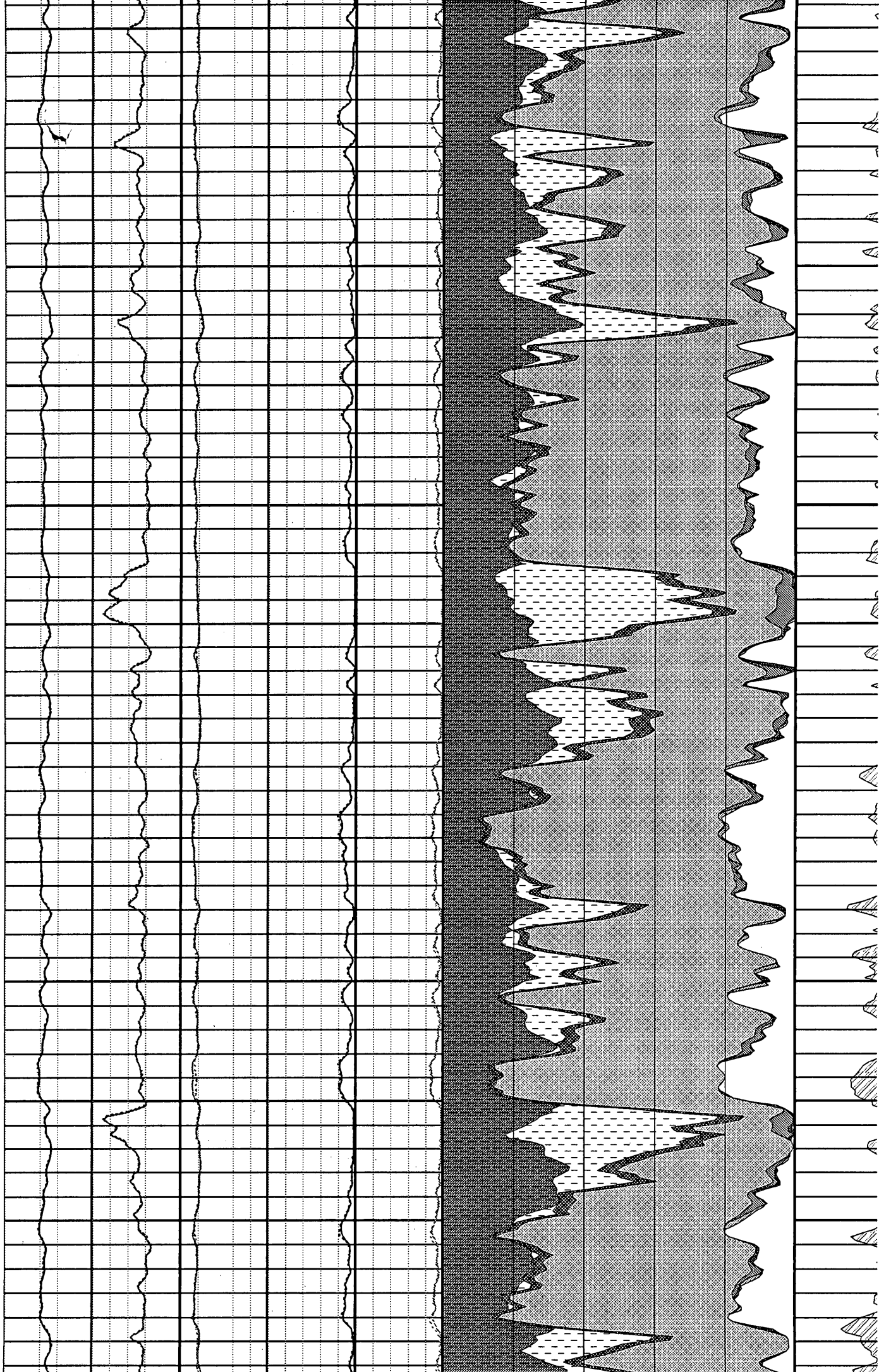
2720



2740

2760

2780

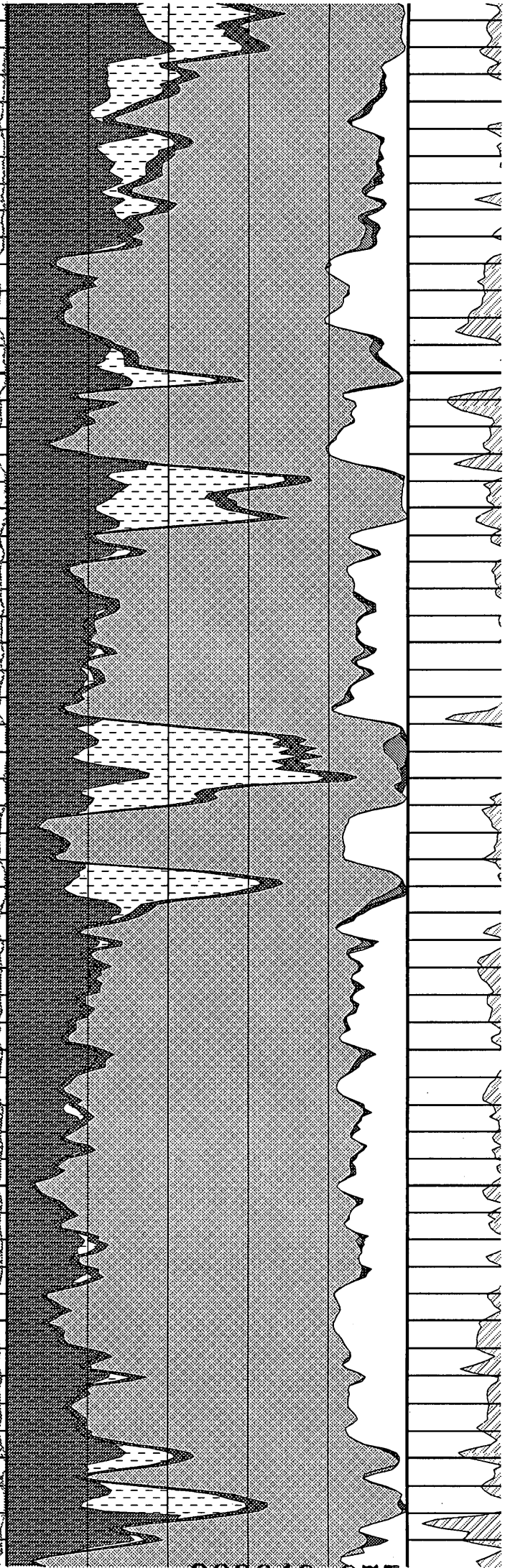
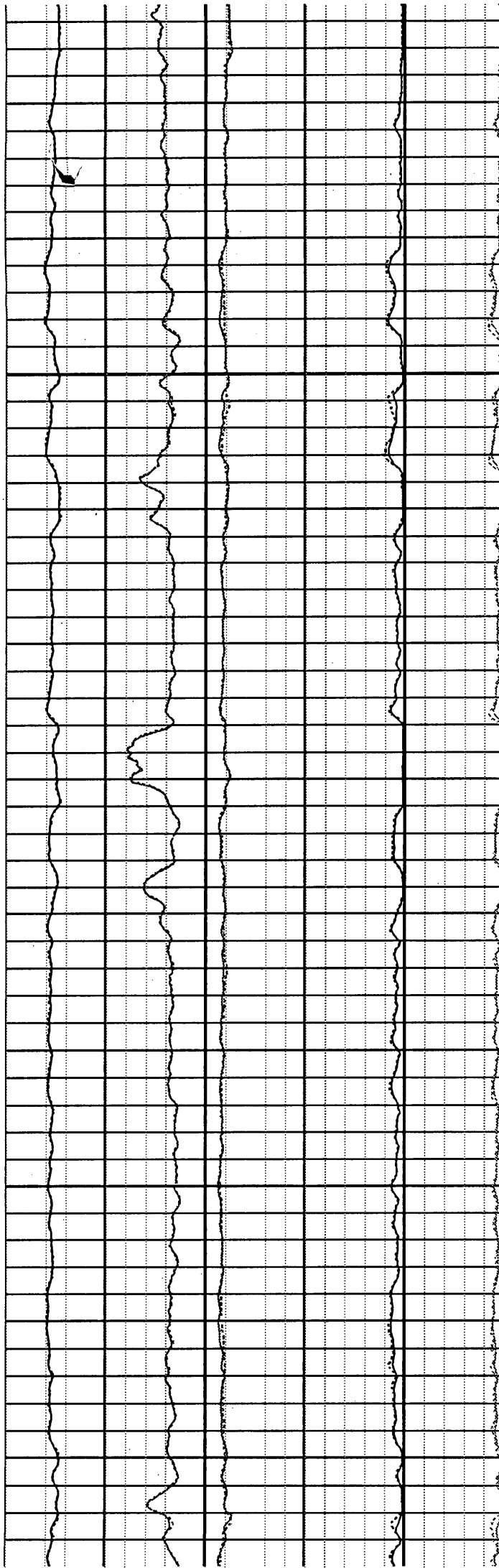


909040 074

2800

2820

2840

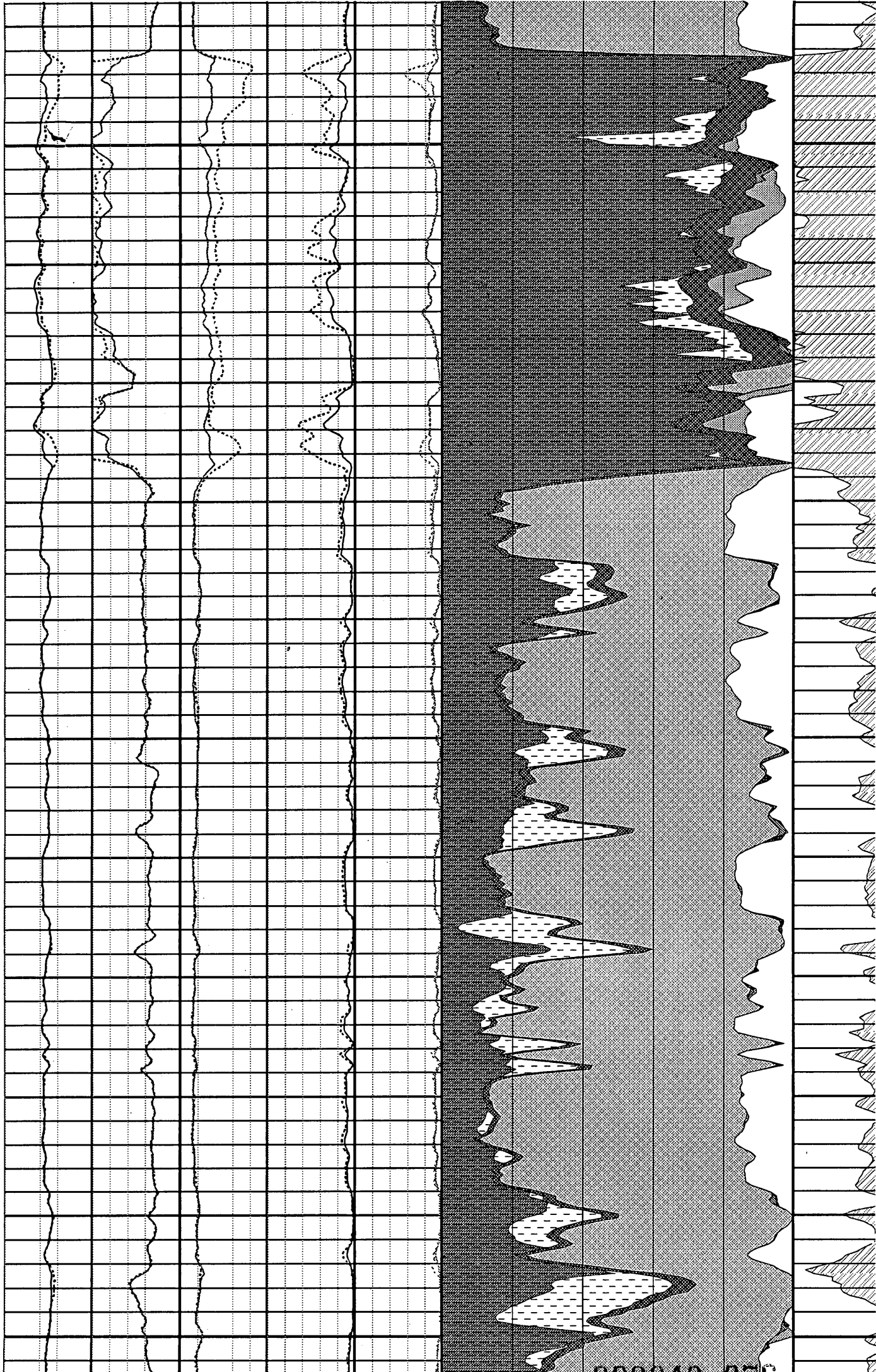


909040 075

2860

2880

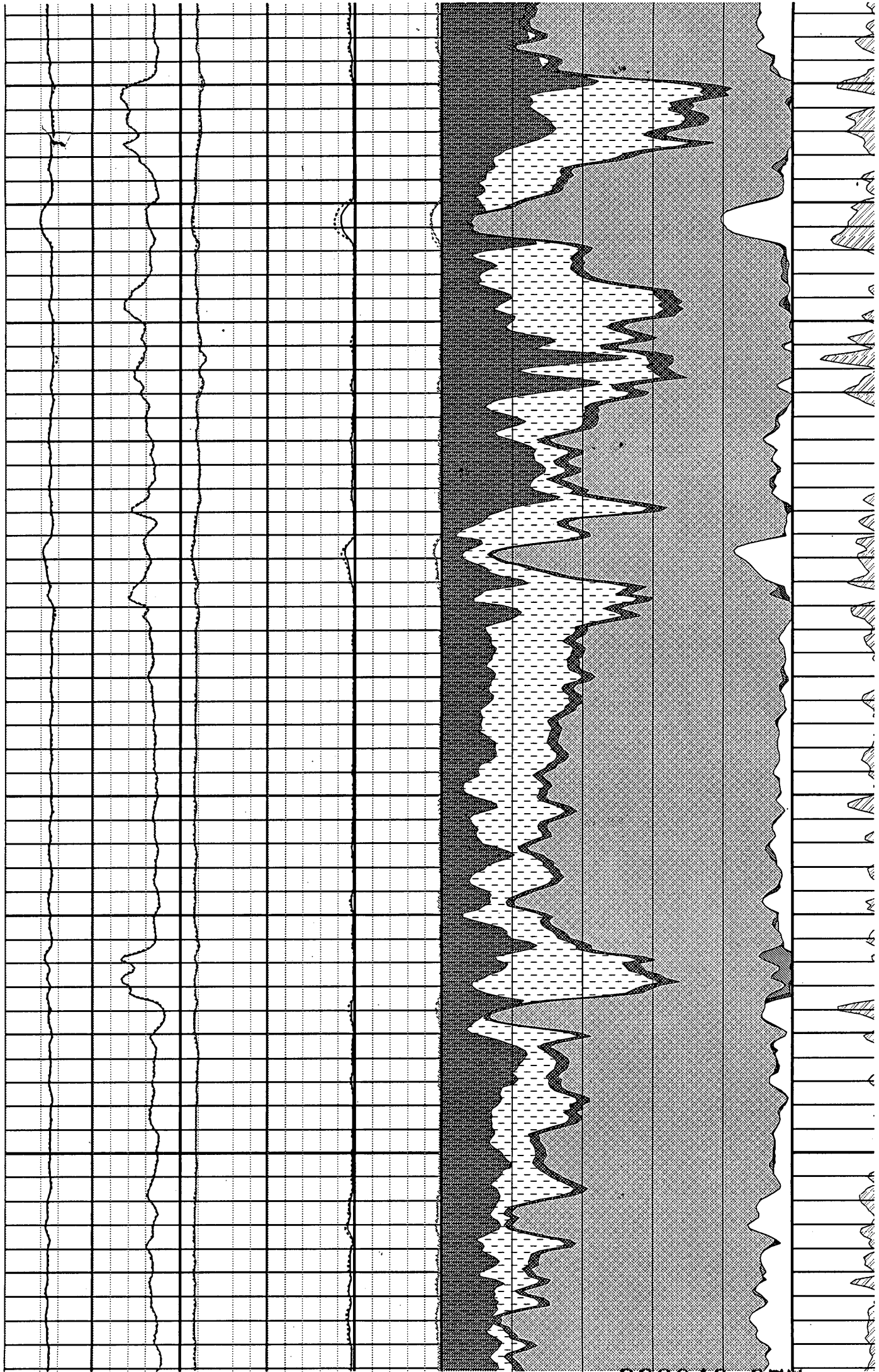
2900



909040 076

2920

2940

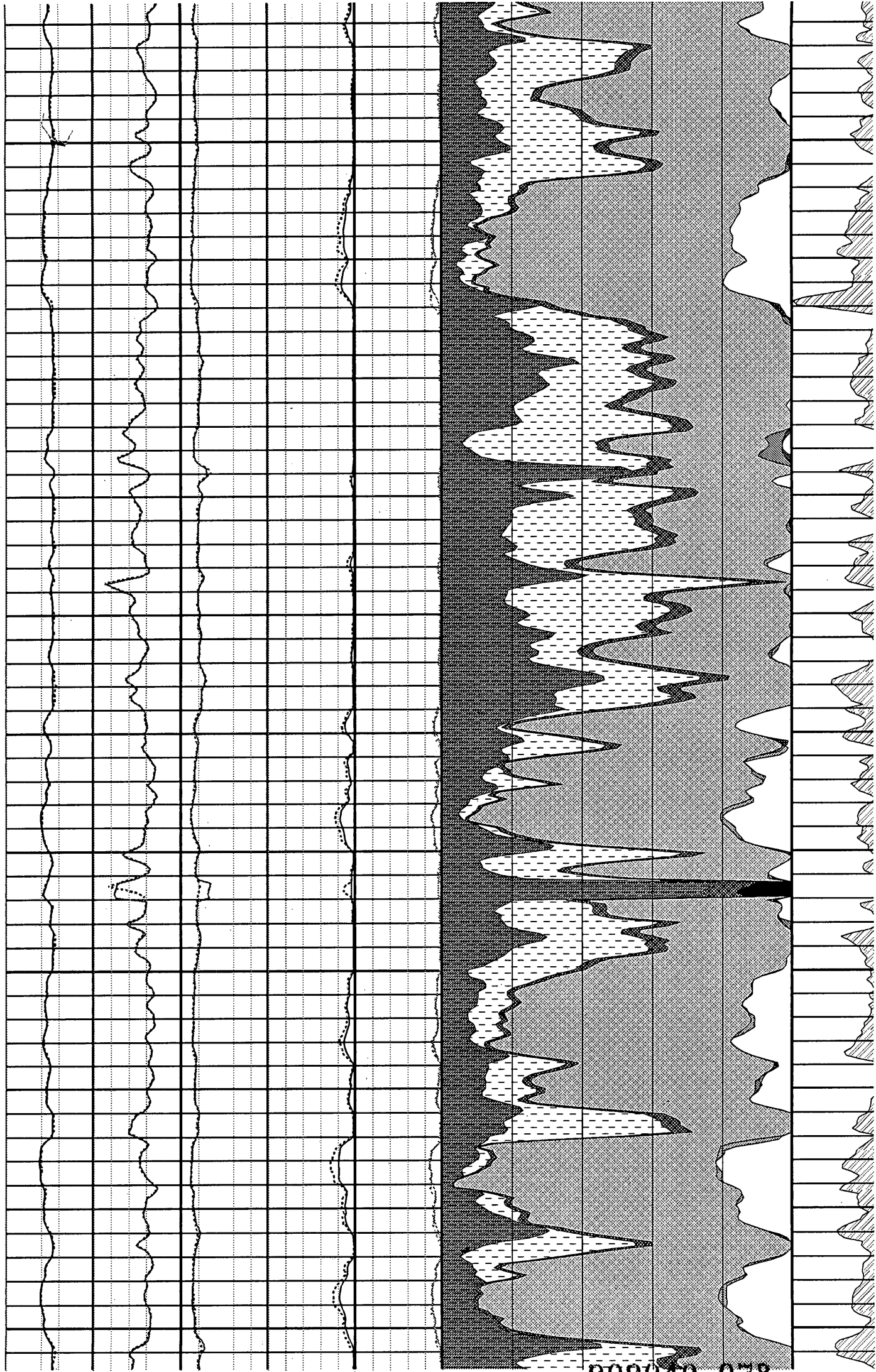


909040 077

2960

2980

3000

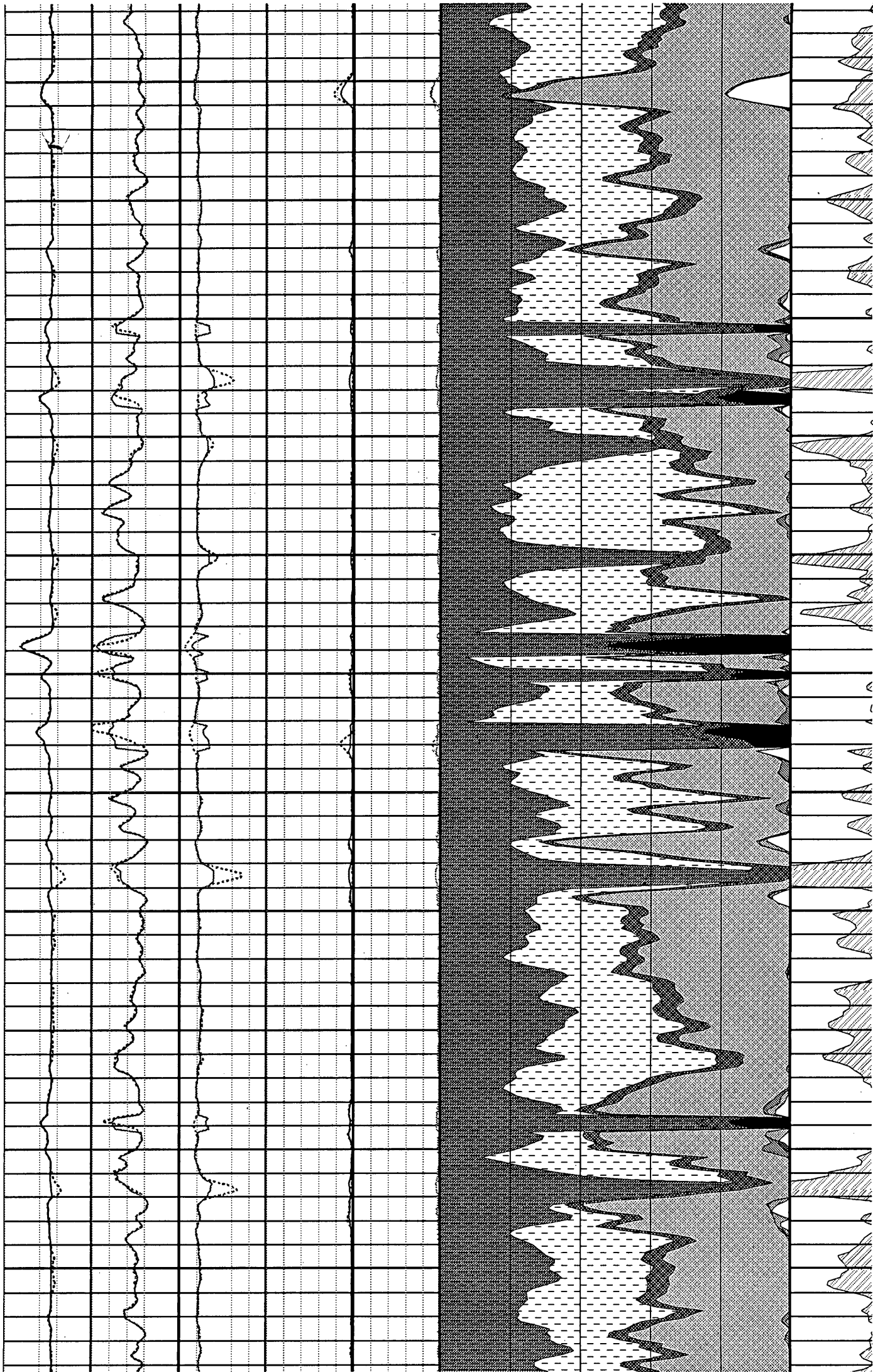


909040 078

3020

3040

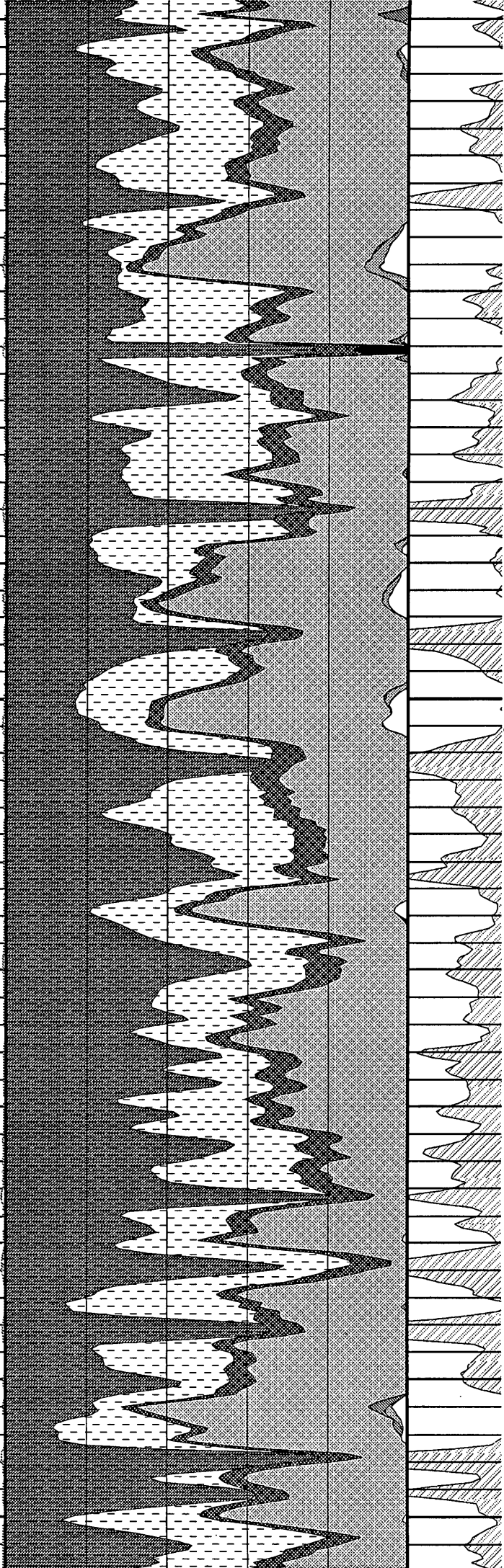
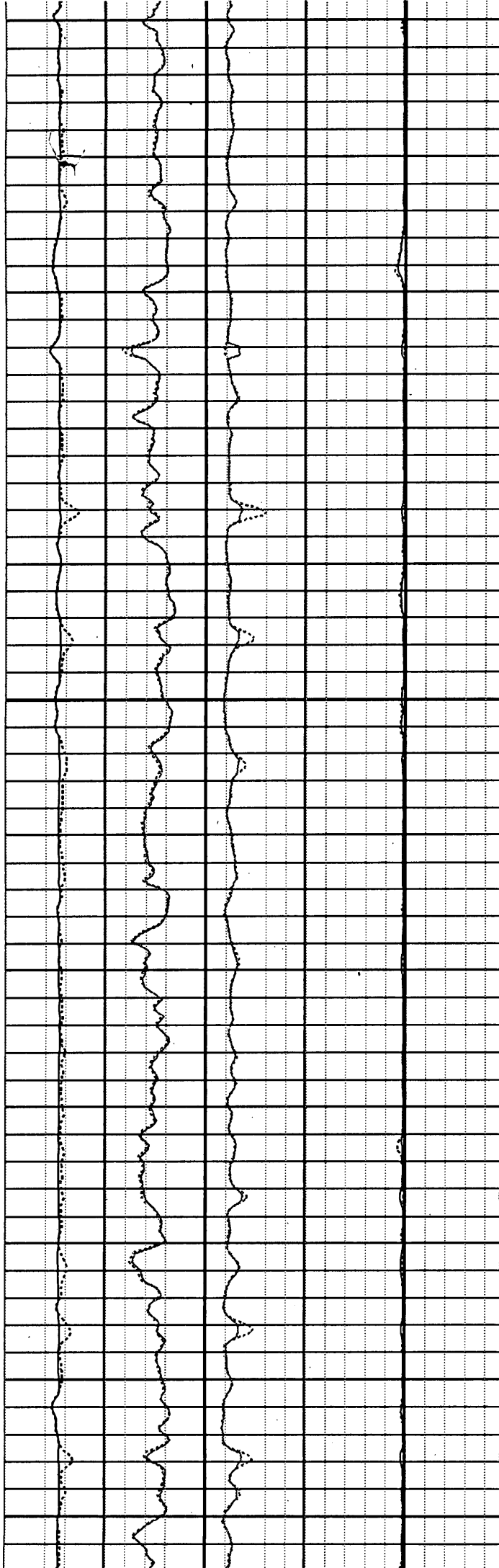
3060



3080

3100

3120



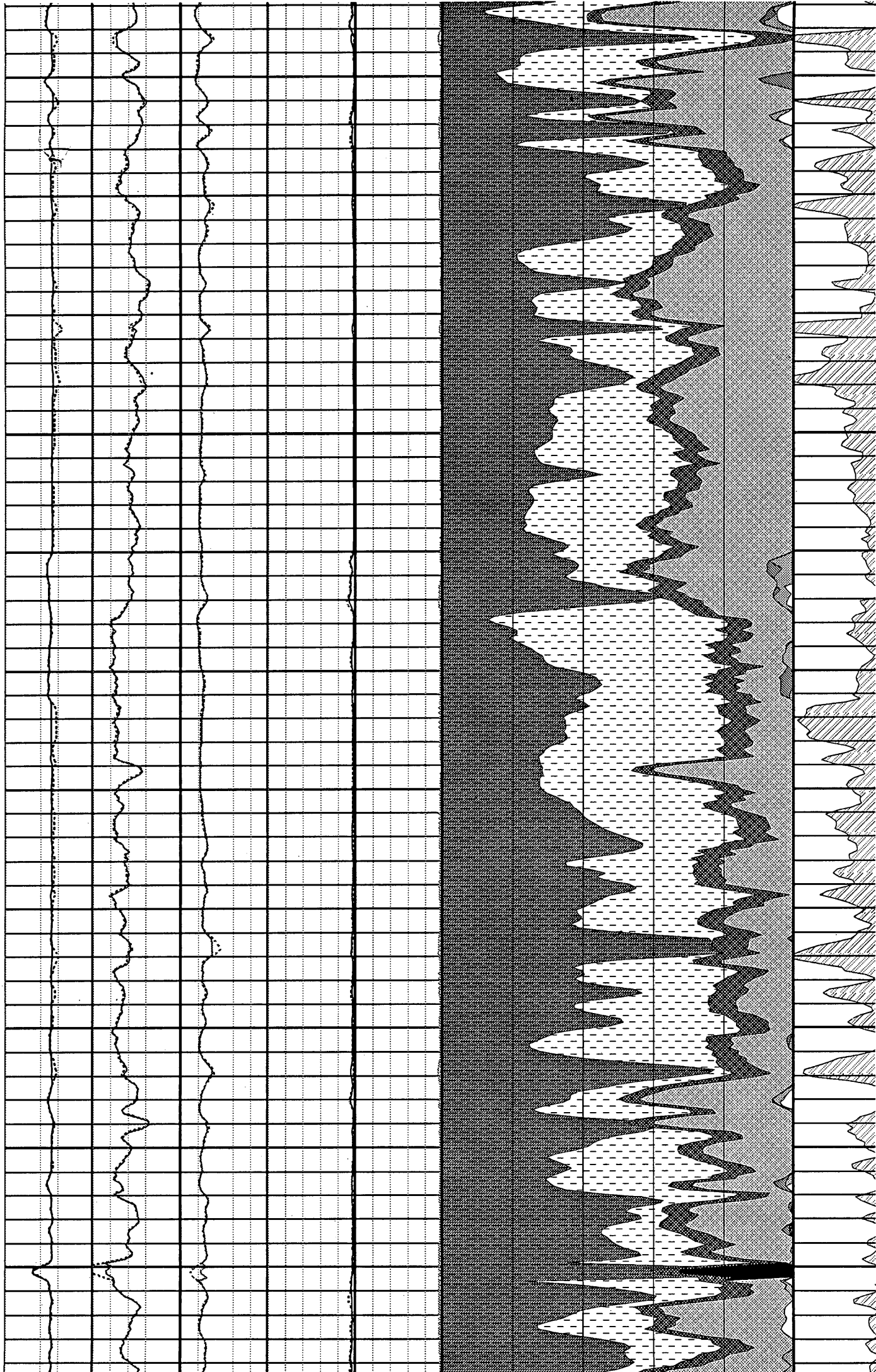
909040 080



3140

3160

3180

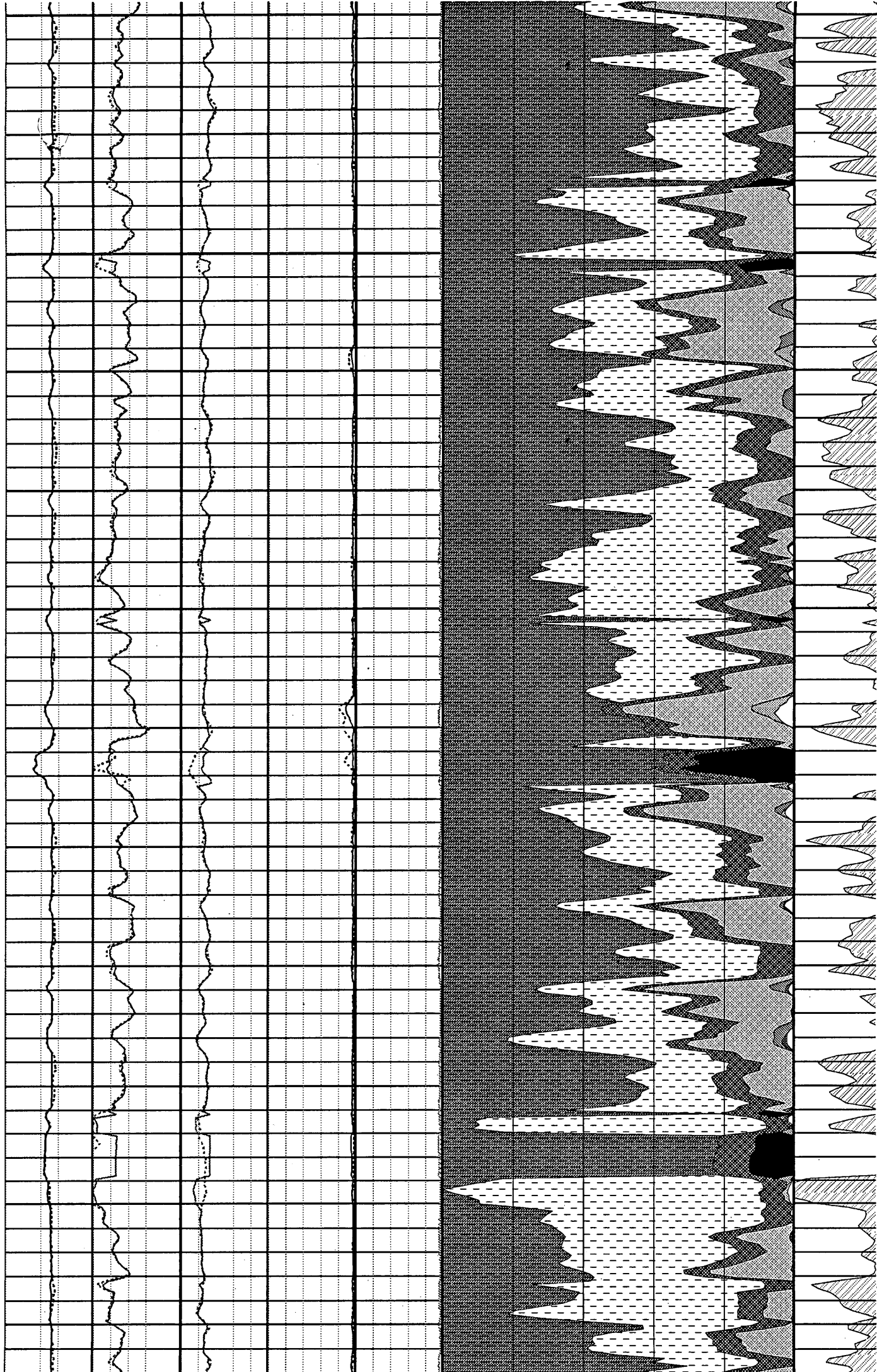


909040 081

3200

3220

3240

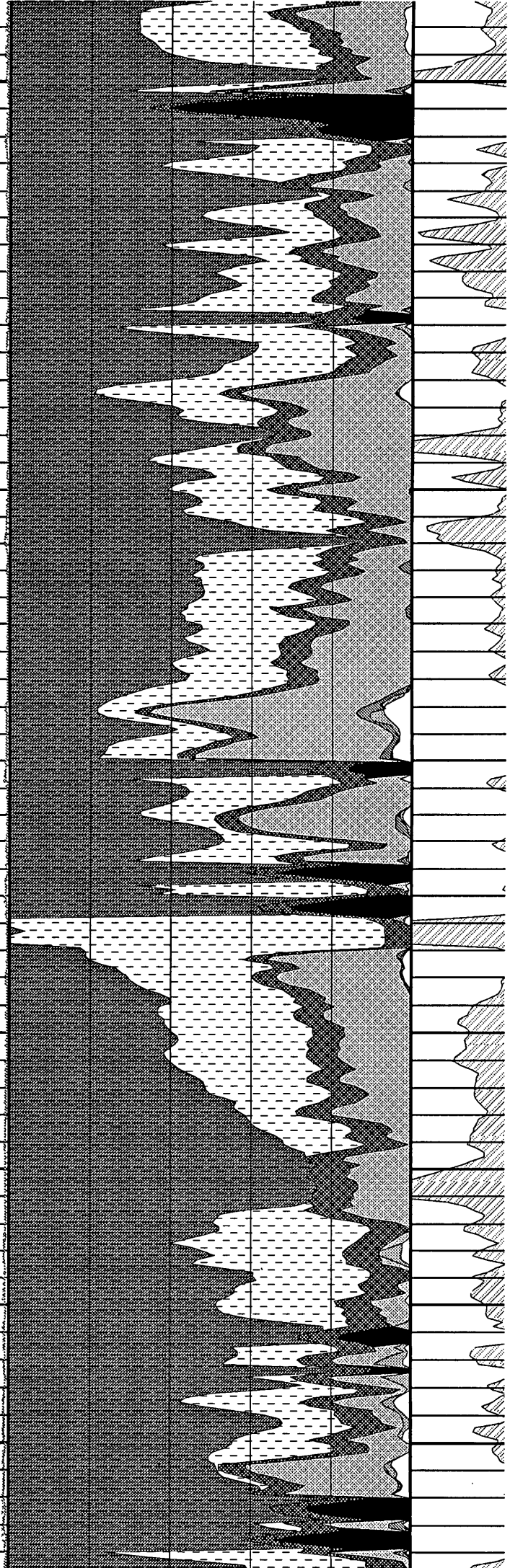
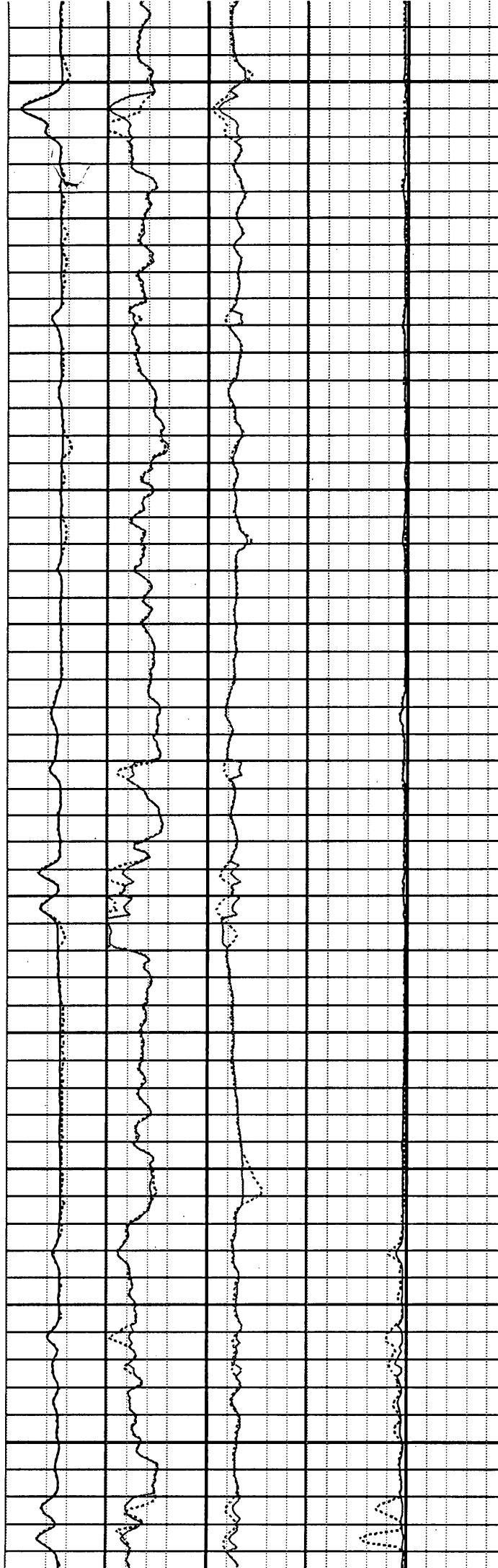


909040 082

3260

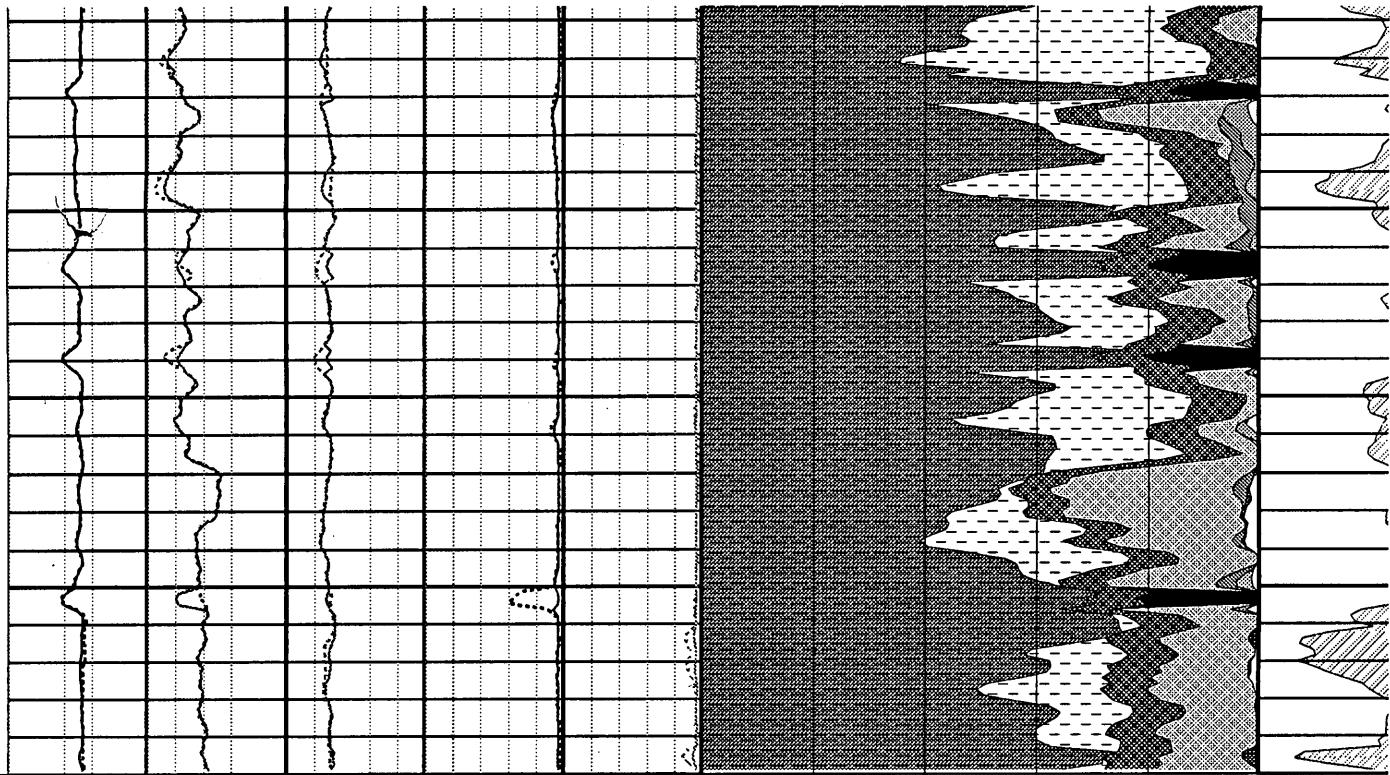
3280

3300



909040 083

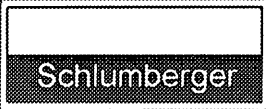
3320



MELVILLE-1 [Comb\_1]

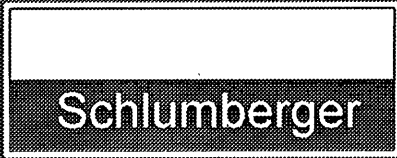
909040 084

|                    |           |             |          |               |               |                     |         |
|--------------------|-----------|-------------|----------|---------------|---------------|---------------------|---------|
| MD<br>1 : 200<br>m | RHOB_C1   | NPHI_C1     | U_C1     | CXDC_C1       | CUDC_C1       | Moved Water         | SDR     |
|                    | 1.5/cm3.5 | 0.5/m3/m3.9 | 2 ( ) 22 | 5000 (MS/m 0) | 5000 (MS/m 0) |                     |         |
|                    | RHOB_R    | NPHI_R      | U_R_C1   | CXDC_DW       | CUDC_DW       | Moved Hydrocarbon   | SDR_C1  |
|                    | 1.5/cm3.5 | 0.5/m3/m3.9 | 2 ( ) 22 | 5000 (MS/m 0) | 5000 (MS/m 0) |                     | 2 ( ) 0 |
|                    |           |             |          |               |               | Water               |         |
|                    |           |             |          |               |               | Oil                 |         |
|                    |           |             |          |               |               | Quartz              |         |
|                    |           |             |          |               |               | Coa                 |         |
|                    |           |             |          |               |               | Bound Water         |         |
|                    |           |             |          |               |               | Kaolinite           |         |
|                    |           |             |          |               |               | Illite              |         |
|                    |           |             |          |               |               | Volumetric Analysis |         |
|                    |           |             |          |               |               | 1 (VV) 0            |         |



Analysis Parameters

WELL: MELVILLE-1  
FIELD: MELVILLE  
RIG: OCEAN BOUNTY  
STATE: VICTORIA



Date Logged: 13-NOV-2001      Date Processed: 14-NOV-2001

Well Location: Easting: 585729.8 m

Elevations: KB: 25 m      DF:      GL: 75 m

API Number:      Job Number:

909040 085



ian.reid@bassoil.com.au on 11/13/2001 08:41:54 AM

To: kourosh.mehin@nre.vic.gov.au  
 cc: (bcc: Kourosh Mehin/NRE)  
 Subject: Logs for yesterday - reached TD at 3345mRT

---

Kourosh, we have reached TD at 3345m and are circulating bottoms up - no shows and a green siltstone has appeared in the cuttings,

Regards

Ian

Ian Reid

Chief Operations Geologist

Bass Strait Oil Company Ltd

03 9614 0426

ian.reid@bassoil.com.au



- Melville-1(MWD\_realtime\_1-200\_GR\_ARC\_2700-3226m).pdf



- Melville-1\_mudlog\_1-500\_3300-3325m.pdf



- Melville-1(MWD\_realtime\_1-500\_GR\_ARC\_2700-3226m).pdf

ANADRILL

SCHLUMBERGER

Survey report

13-Nov-2001 06:02:24 Page 1 of 3

Client.....: Bass Strait Oil Company

Field.....: Permit VIC/P42

Well.....: Melville-1

Spud

date.....:

API number.....:

Last survey

date.....: 13-Nov-01

Engineer.....: A. Abad / M. Saicic

Total accepted

surveys....: 57

MD of first

survey.....: 1432.10 m

COUNTY.....: Ocean Bounty

MD of last

survey.....: 3294.49 m

STATE.....: Victoria

----- Survey calculation methods-----

Geomagnetic data -----

Method for positions.....: Minimum curvature

Magnetic

model.....: BGGM version 2000

Method for DLS.....: Mason & Taylor

Magnetic

date.....: 24-Oct-2001

Magnetic field



|        |         |        |        |       |         |        |        |
|--------|---------|--------|--------|-------|---------|--------|--------|
| 12     | 1814.34 | 2.29   | 240.62 | 28.34 | 1813.85 | -12.06 | -12.06 |
| -16.21 | 20.20   | 233.36 | 0.02   | MWD   | 6-axis  |        |        |
| 13     | 1843.18 | 2.18   | 239.19 | 28.84 | 1842.67 | -12.62 | -12.62 |
| -17.18 | 21.32   | 233.70 | 0.04   | MWD   | 6-axis  |        |        |
| 14     | 1901.41 | 1.96   | 237.87 | 58.23 | 1900.86 | -13.72 | -13.72 |
| -18.98 | 23.42   | 234.14 | 0.04   | MWD   | 6-axis  |        |        |
| 15     | 1931.65 | 1.78   | 237.81 | 30.24 | 1931.08 | -14.24 | -14.24 |
| -19.81 | 24.40   | 234.29 | 0.06   | MWD   | 6-axis  |        |        |
| 16     | 1960.46 | 1.72   | 237.86 | 28.81 | 1959.88 | -14.71 | -14.71 |
| -20.56 | 25.28   | 234.41 | 0.02   | MWD   | 6-axis  |        |        |
| 17     | 1989.04 | 1.62   | 235.40 | 28.58 | 1988.45 | -15.17 | -15.17 |
| -21.25 | 26.11   | 234.49 | 0.04   | MWD   | 6-axis  |        |        |
| 18     | 2047.36 | 1.44   | 230.77 | 58.32 | 2046.74 | -16.10 | -16.10 |
| -22.50 | 27.67   | 234.41 | 0.04   | MWD   | 6-axis  |        |        |
| 19     | 2075.90 | 1.46   | 228.72 | 28.54 | 2075.28 | -16.57 | -16.57 |
| -23.05 | 28.39   | 234.30 | 0.02   | MWD   | 6-axis  |        |        |
| 20     | 2104.97 | 1.26   | 223.46 | 29.07 | 2104.34 | -17.04 | -17.04 |
| -23.55 | 29.07   | 234.11 | 0.08   | MWD   | 6-axis  |        |        |
| 21     | 2133.36 | 1.26   | 222.20 | 28.39 | 2132.72 | -17.50 | -17.50 |
| -23.97 | 29.68   | 233.87 | 0.01   | MWD   | 6-axis  |        |        |
| 22     | 2161.89 | 1.14   | 222.54 | 28.53 | 2161.24 | -17.94 | -17.94 |
| -24.38 | 30.27   | 233.64 | 0.04   | MWD   | 6-axis  |        |        |
| 23     | 2190.93 | 1.21   | 218.85 | 29.04 | 2190.28 | -18.39 | -18.39 |
| -24.76 | 30.85   | 233.40 | 0.04   | MWD   | 6-axis  |        |        |
| 24     | 2220.38 | 1.11   | 218.25 | 29.45 | 2219.72 | -18.86 | -18.86 |
| -25.13 | 31.42   | 233.12 | 0.03   | MWD   | 6-axis  |        |        |
| 25     | 2249.29 | 1.04   | 218.39 | 28.91 | 2248.63 | -19.29 | -19.29 |
| -25.47 | 31.95   | 232.87 | 0.02   | MWD   | 6-axis  |        |        |
| 26     | 2278.19 | 0.90   | 218.62 | 28.90 | 2277.52 | -19.67 | -19.67 |
| -25.78 | 32.42   | 232.65 | 0.05   | MWD   | 6-axis  |        |        |
| 27     | 2307.52 | 0.99   | 219.17 | 29.33 | 2306.85 | -20.04 | -20.04 |
| -26.08 | 32.89   | 232.45 | 0.03   | MWD   | 6-axis  |        |        |
| 28     | 2336.95 | 1.01   | 219.68 | 29.43 | 2336.27 | -20.44 | -20.44 |
| -26.41 | 33.39   | 232.26 | 0.01   | MWD   | 6-axis  |        |        |
| 29     | 2365.20 | 0.95   | 216.00 | 28.25 | 2364.52 | -20.82 | -20.82 |
| -26.70 | 33.86   | 232.05 | 0.03   | MWD   | 6-axis  |        |        |
| 30     | 2394.92 | 1.02   | 211.37 | 29.72 | 2394.24 | -21.25 | -21.25 |
| -26.98 | 34.35   | 231.78 | 0.04   | MWD   | 6-axis  |        |        |

```

=====
Seq Measured Incl Azimuth Course TVD Vertical Displ
Displ Total At DLS Srvy Tool
# depth angle angle length depth section +N/S-
+E/W- displ Azim (deg/ tool qual
- (m) (deg) (deg) (m) (m) (m) (m) (m)
(m) (deg) 10m) type type
=====
=====

```



|        |         |        |        |       |         |        |        |
|--------|---------|--------|--------|-------|---------|--------|--------|
| 31     | 2422.33 | 1.09   | 213.07 | 27.41 | 2421.64 | -21.67 | -21.67 |
| -27.25 | 34.82   | 231.51 | 0.03   | MWD   | 6-axis  |        |        |
| 32     | 2480.97 | 1.04   | 210.77 | 58.64 | 2480.27 | -22.60 | -22.60 |
| -27.83 | 35.85   | 230.92 | 0.01   | MWD   | 6-axis  |        |        |
| 33     | 2538.48 | 1.07   | 207.79 | 57.51 | 2537.77 | -23.52 | -23.52 |
| -28.35 | 36.84   | 230.31 | 0.01   | MWD   | 6-axis  |        |        |
| 34     | 2558.35 | 1.06   | 210.59 | 19.87 | 2557.64 | -23.84 | -23.84 |
| -28.53 | 37.18   | 230.11 | 0.03   | MWD   | 6-axis  |        |        |
| 35     | 2590.86 | 1.13   | 214.63 | 32.50 | 2590.13 | -24.37 | -24.37 |
| -28.86 | 37.77   | 229.83 | 0.03   | MWD   | 6-axis  |        |        |
| 36     | 2648.71 | 1.10   | 221.39 | 57.86 | 2647.98 | -25.25 | -25.25 |
| -29.55 | 38.87   | 229.49 | 0.02   | MWD   | 6-axis  |        |        |
| 37     | 2677.84 | 1.17   | 224.01 | 29.13 | 2677.10 | -25.68 | -25.68 |
| -29.95 | 39.45   | 229.39 | 0.03   | MWD   | 6-axis  |        |        |
| 38     | 2743.69 | 1.35   | 230.93 | 65.85 | 2742.94 | -26.65 | -26.65 |
| -31.02 | 40.89   | 229.33 | 0.04   | MWD   | 6-axis  |        |        |
| 39     | 2772.78 | 1.31   | 229.00 | 29.09 | 2772.02 | -27.08 | -27.08 |
| -31.53 | 41.57   | 229.34 | 0.02   | MWD   | 6-axis  |        |        |
| 40     | 2801.94 | 1.34   | 230.09 | 29.16 | 2801.17 | -27.52 | -27.52 |
| -32.05 | 42.24   | 229.34 | 0.01   | MWD   | 6-axis  |        |        |
| 41     | 2830.87 | 1.60   | 226.88 | 28.93 | 2830.09 | -28.01 | -28.01 |
| -32.60 | 42.98   | 229.33 | 0.09   | MWD   | 6-axis  |        |        |
| 42     | 2862.03 | 1.75   | 228.47 | 31.16 | 2861.24 | -28.63 | -28.63 |
| -33.27 | 43.89   | 229.29 | 0.05   | MWD   | 6-axis  |        |        |
| 43     | 2889.90 | 2.04   | 226.84 | 27.87 | 2889.10 | -29.25 | -29.25 |
| -33.95 | 44.81   | 229.26 | 0.11   | MWD   | 6-axis  |        |        |
| 44     | 2919.06 | 2.08   | 227.19 | 29.16 | 2918.24 | -29.96 | -29.96 |
| -34.72 | 45.86   | 229.21 | 0.01   | MWD   | 6-axis  |        |        |
| 45     | 2948.01 | 1.81   | 221.56 | 28.95 | 2947.17 | -30.66 | -30.66 |
| -35.41 | 46.84   | 229.11 | 0.11   | MWD   | 6-axis  |        |        |
| 46     | 2977.28 | 1.63   | 219.95 | 29.27 | 2976.43 | -31.33 | -31.33 |
| -35.98 | 47.71   | 228.96 | 0.06   | MWD   | 6-axis  |        |        |
| 47     | 3005.24 | 1.51   | 212.47 | 27.96 | 3004.38 | -31.94 | -31.94 |
| -36.44 | 48.46   | 228.76 | 0.08   | MWD   | 6-axis  |        |        |
| 48     | 3033.85 | 1.32   | 208.32 | 28.61 | 3032.98 | -32.55 | -32.55 |
| -36.80 | 49.13   | 228.50 | 0.08   | MWD   | 6-axis  |        |        |
| 49     | 3063.37 | 0.92   | 208.53 | 29.52 | 3062.49 | -33.06 | -33.06 |
| -37.07 | 49.67   | 228.27 | 0.14   | MWD   | 6-axis  |        |        |
| 50     | 3086.82 | 0.89   | 200.42 | 23.45 | 3085.94 | -33.39 | -33.39 |
| -37.22 | 50.01   | 228.10 | 0.06   | MWD   | 6-axis  |        |        |
| 51     | 3119.68 | 0.65   | 170.45 | 32.86 | 3118.80 | -33.82 | -33.82 |
| -37.28 | 50.33   | 227.79 | 0.14   | MWD   | 6-axis  |        |        |
| 52     | 3149.04 | 1.19   | 129.46 | 29.36 | 3148.15 | -34.18 | -34.18 |
| -37.02 | 50.38   | 227.29 | 0.28   | MWD   | 6-axis  |        |        |
| 53     | 3177.87 | 1.26   | 140.82 | 28.83 | 3176.98 | -34.61 | -34.61 |
| -36.59 | 50.36   | 226.59 | 0.09   | MWD   | 6-axis  |        |        |
| 54     | 3206.58 | 1.60   | 135.02 | 28.71 | 3205.68 | -35.14 | -35.14 |
| -36.10 | 50.38   | 225.78 | 0.13   | MWD   | 6-axis  |        |        |
| 55     | 3237.14 | 1.95   | 129.83 | 30.56 | 3236.22 | -35.77 | -35.77 |
| -35.40 | 50.33   | 224.70 | 0.13   | MWD   | 6-axis  |        |        |
| 56     | 3264.76 | 2.44   | 130.63 | 27.62 | 3263.82 | -36.46 | -36.46 |
| -34.60 | 50.26   | 223.50 | 0.18   | MWD   | 6-axis  |        |        |
| 57     | 3294.49 | 2.68   | 134.69 | 29.73 | 3293.52 | -37.36 | -37.36 |
| -33.62 | 50.26   | 221.99 | 0.10   | MWD   | 6-axis  |        |        |

909040 030

[(c)2001 Anadrill IDEAL ID6\_1C\_10]



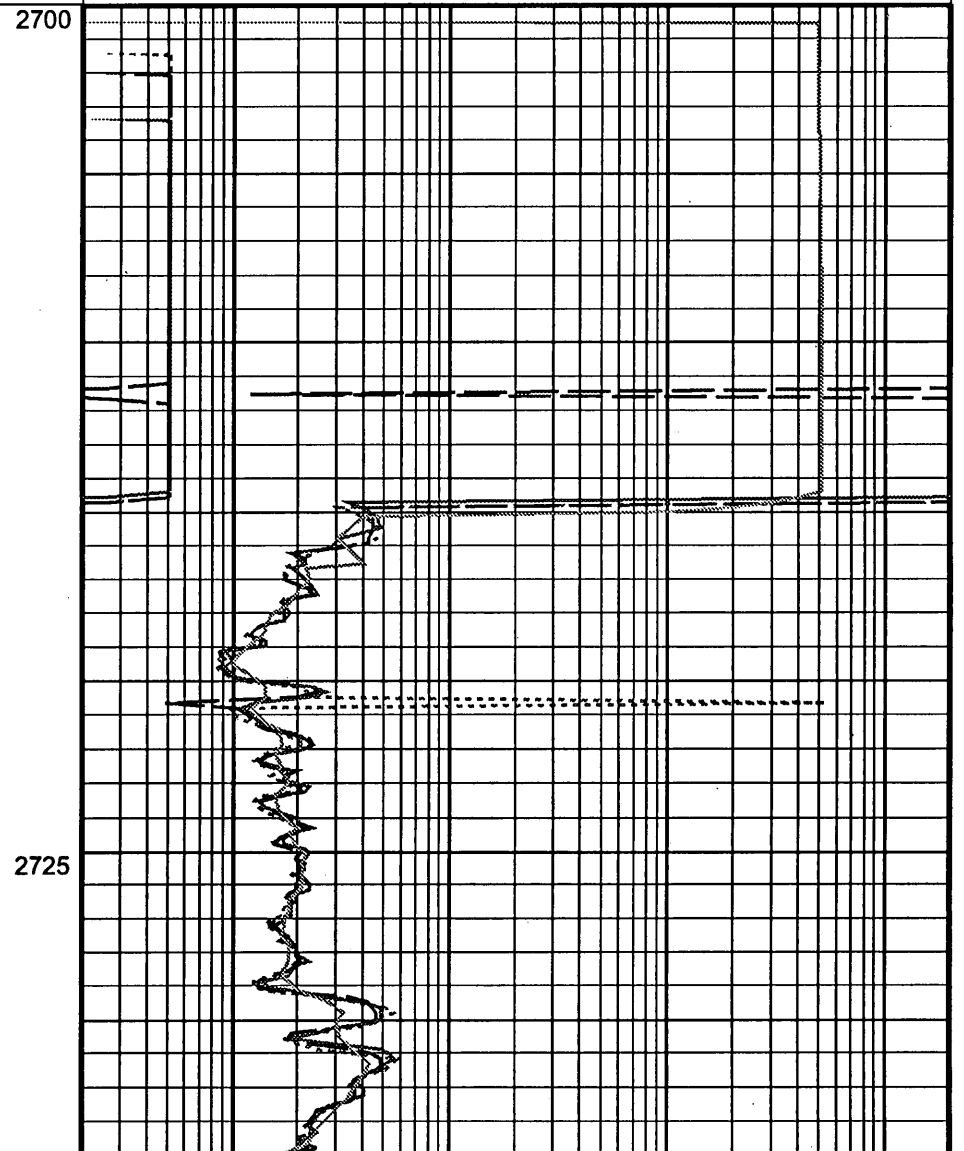
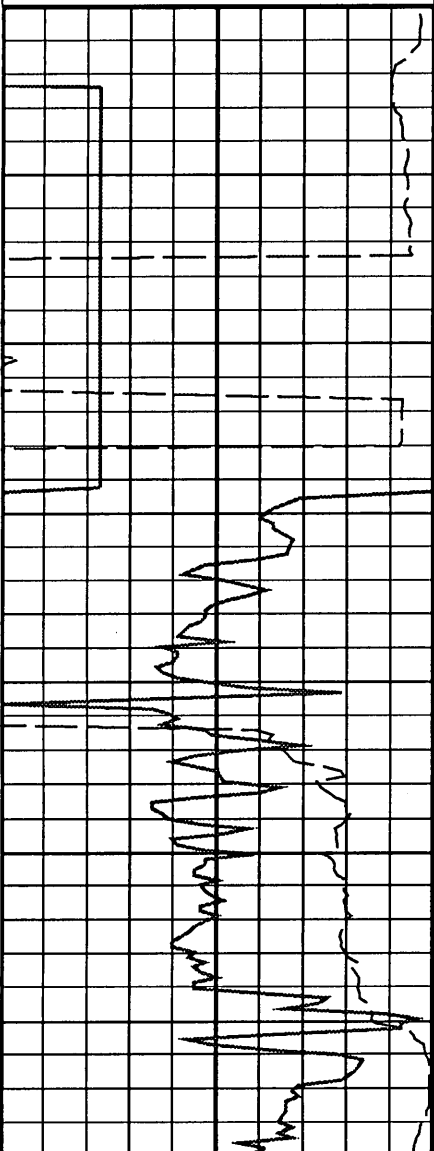
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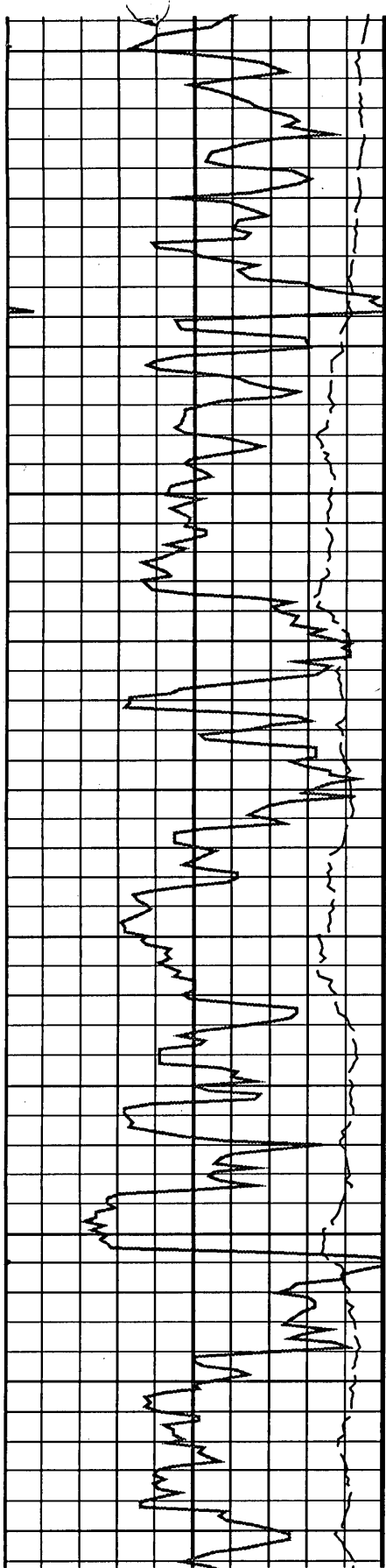
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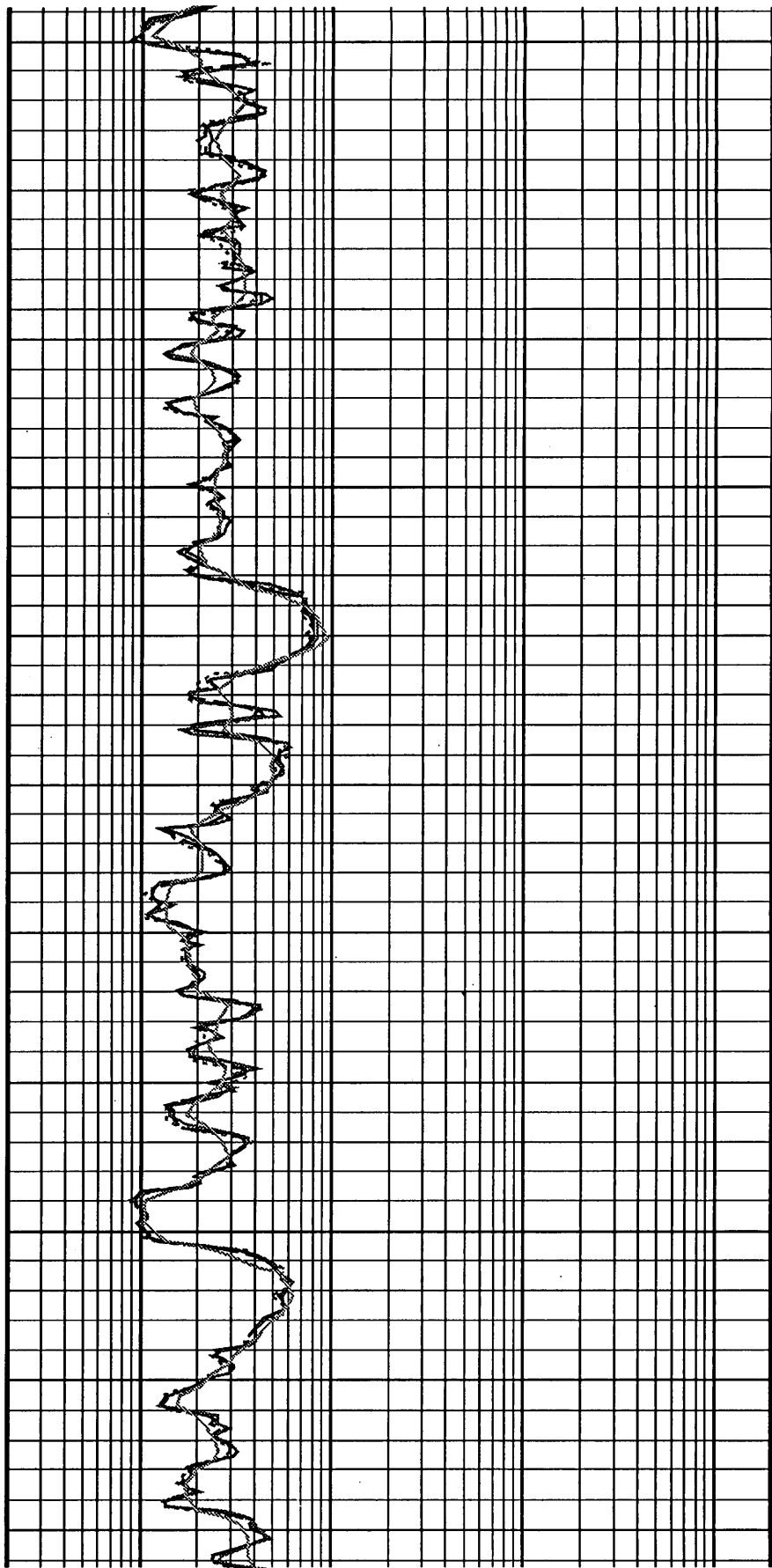
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|   |   |      |
|---|---|------|
|   | <b>ARC5 Attenuation Resistivity 40-in. at 2 MHz, Real-Time (A40H_R)</b> | 2000 |
| 0.2   | (OHMM)  |      |
|   | <b>ARC5 Phase-Shift Resistivity 40-in. at 2 MHz, Real-Time (P40H_R)</b> | 2000 |
| 0.2   | (OHMM)  |      |
|   | <b>ARC5 Phase-Shift Resistivity 28-in. at 2 MHz, Real-Time (P28H_R)</b> | 2000 |
| 0.2   | (OHMM)  |      |
|   | <b>ARC5 Phase-Shift Resistivity 16-in. at 2 MHz, Real-Time (P16H_R)</b> | 2000 |
| 0.2   | (OHMM)  |      |
| <b>ARC Gamma Ray, Real-Time (ARC_GR_RT)</b> |   |      |
| 0   | (GAPI)  | 200  |
| <b>ROP*5 (ROP5)</b>                         |   |      |
| 200   | (M/HR)  | 0    |

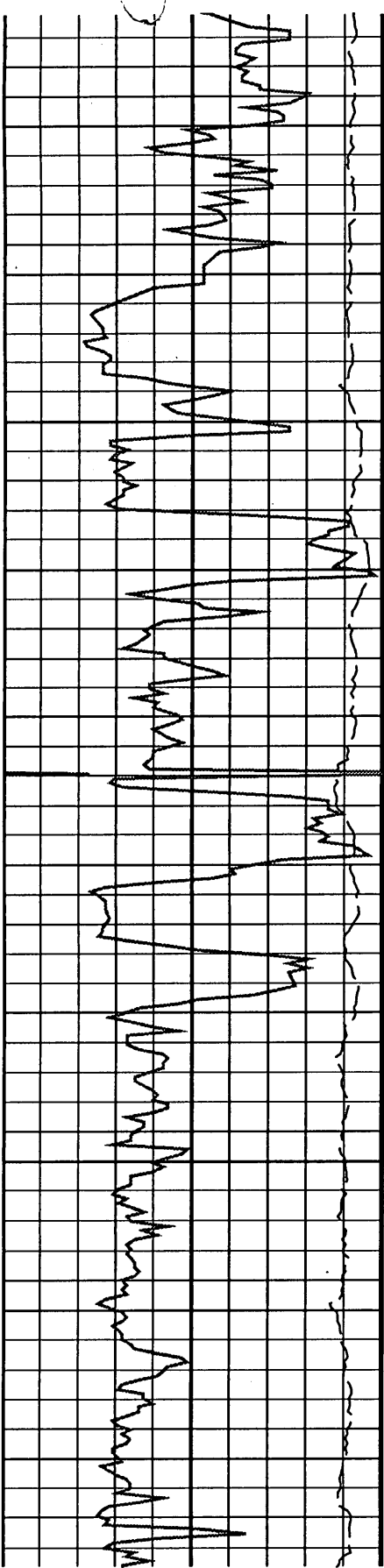




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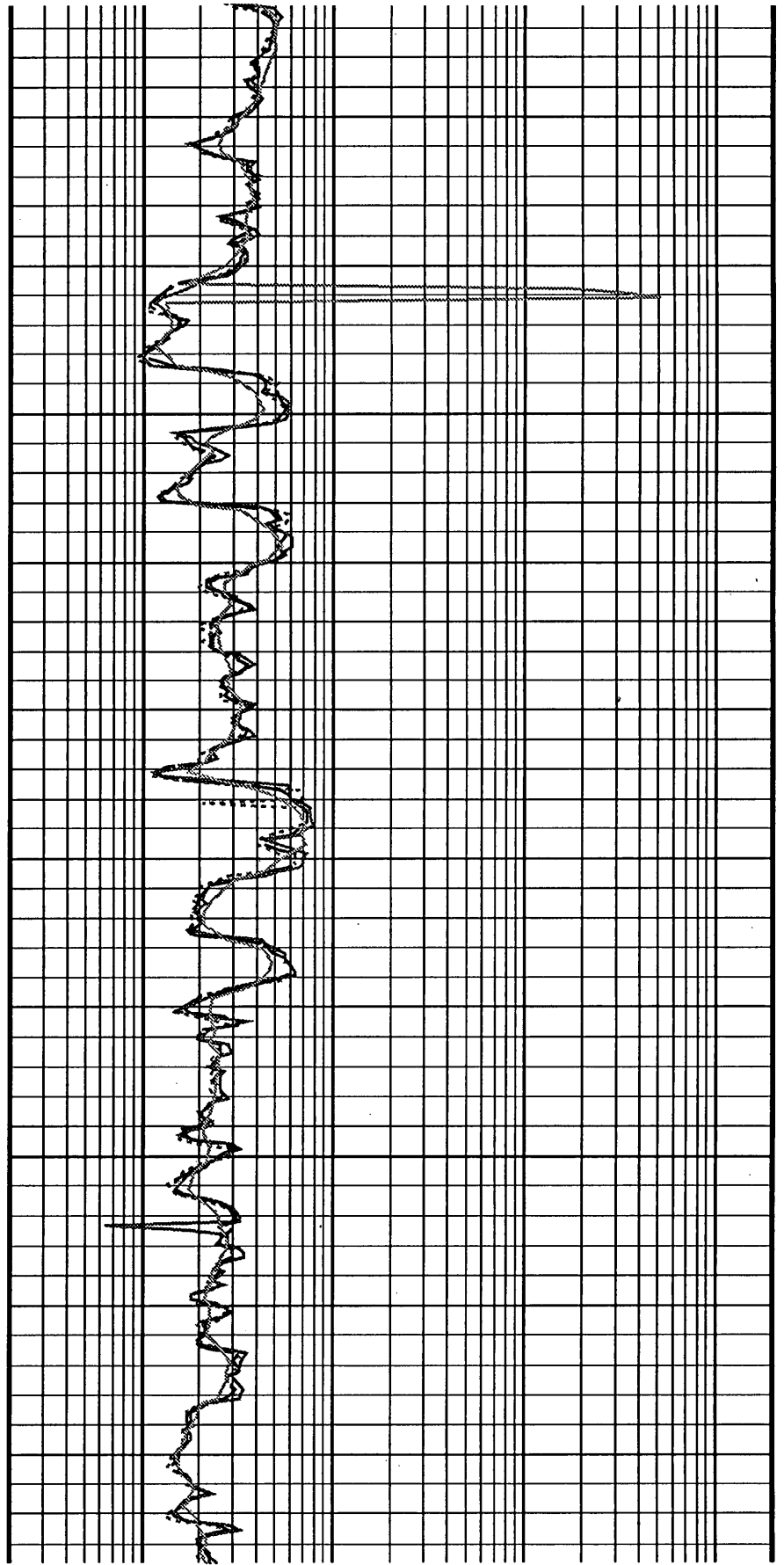


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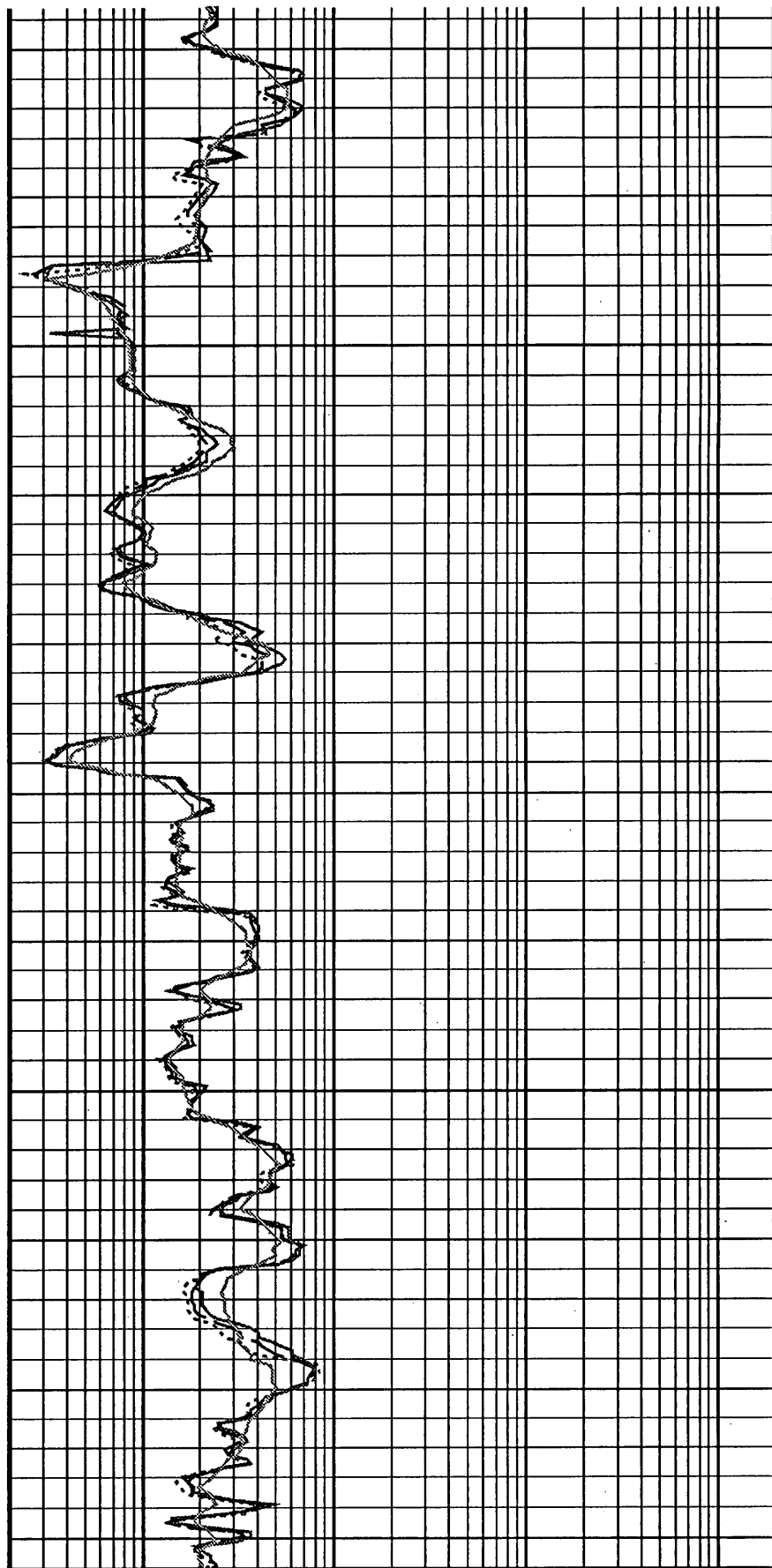
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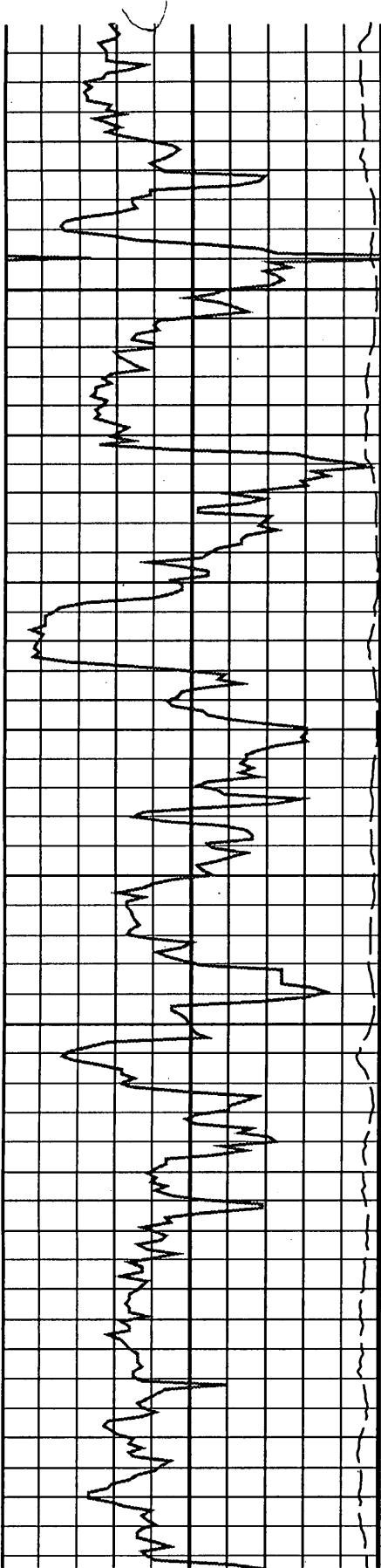




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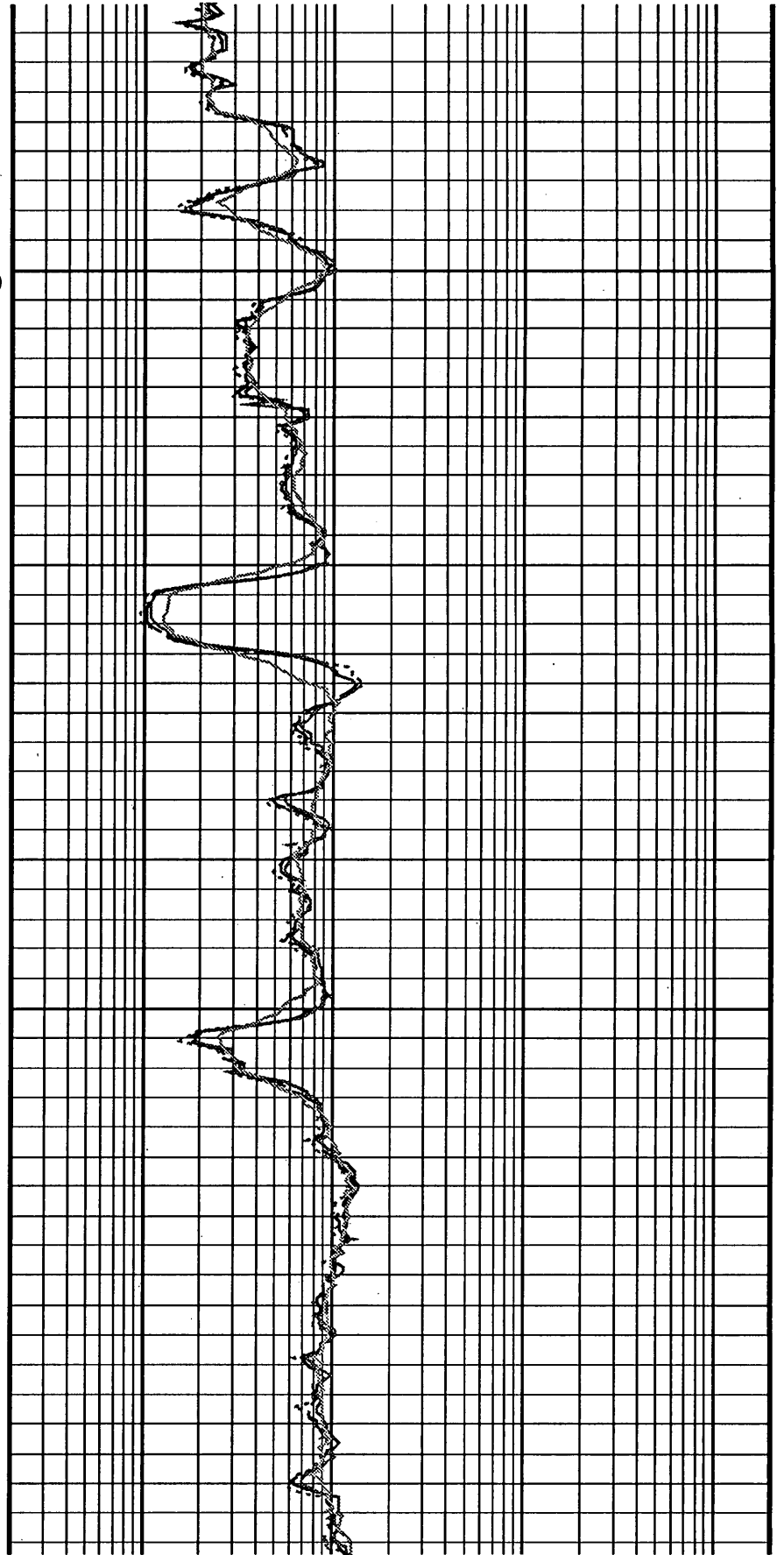
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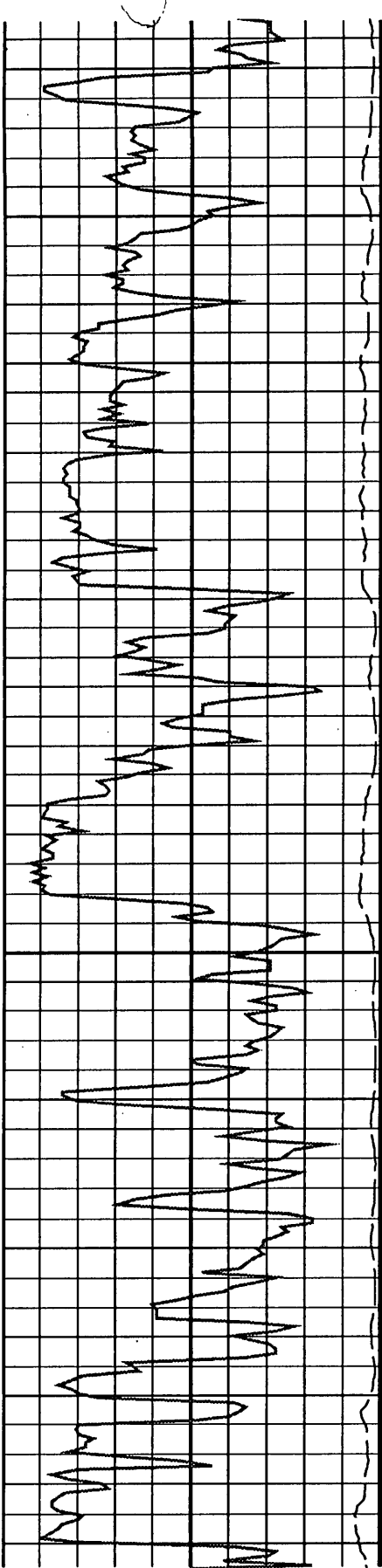




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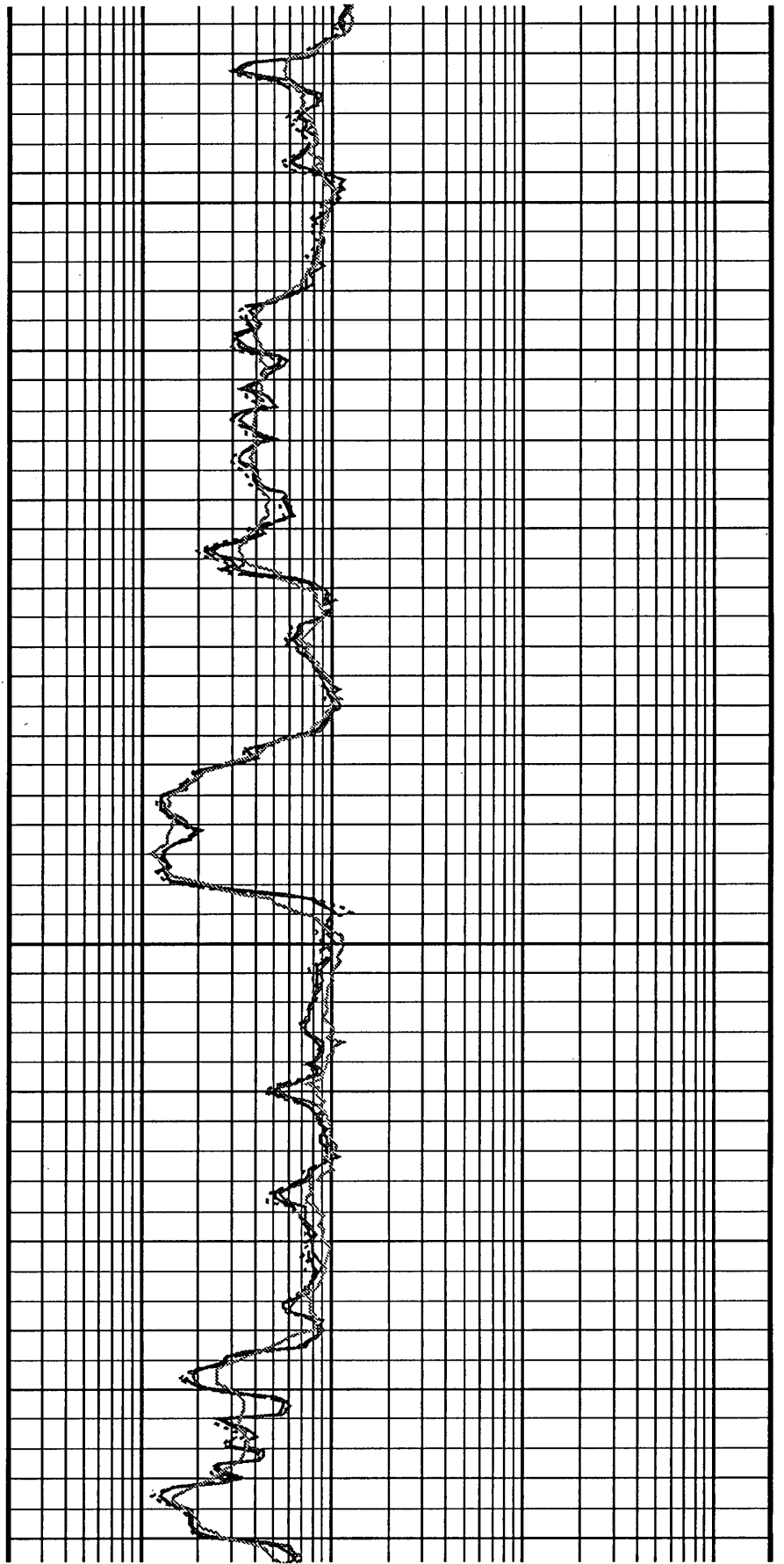
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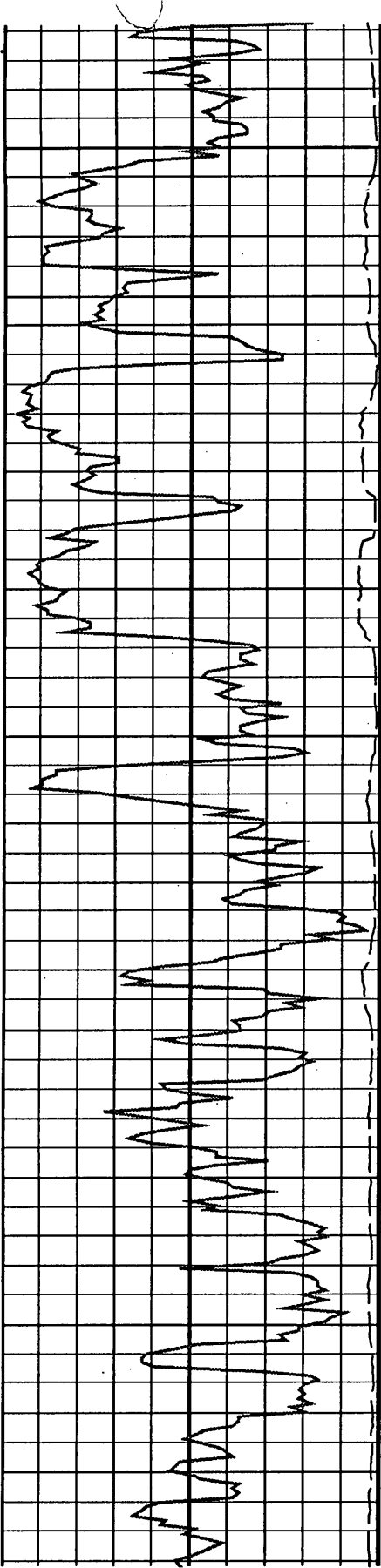


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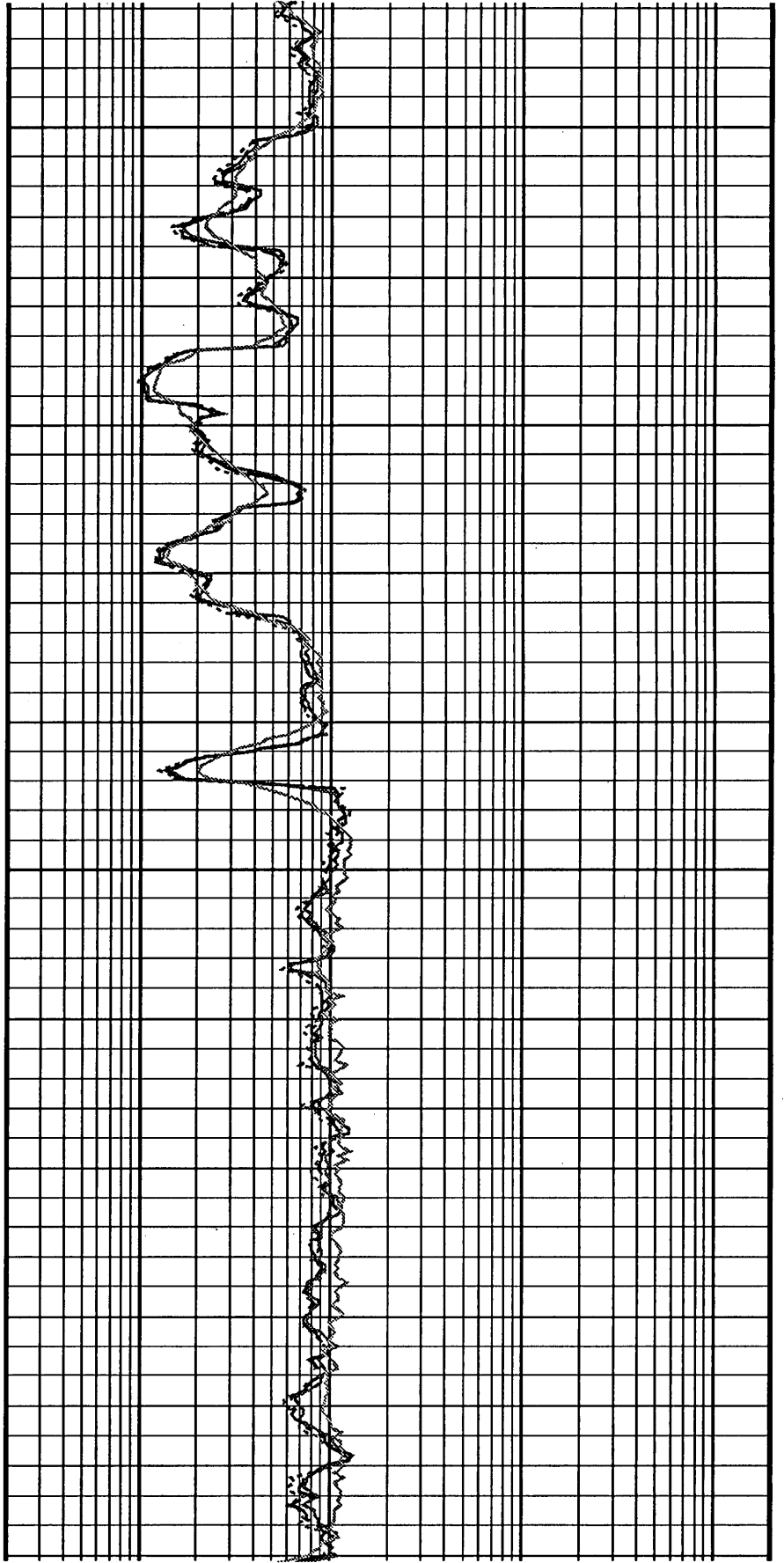


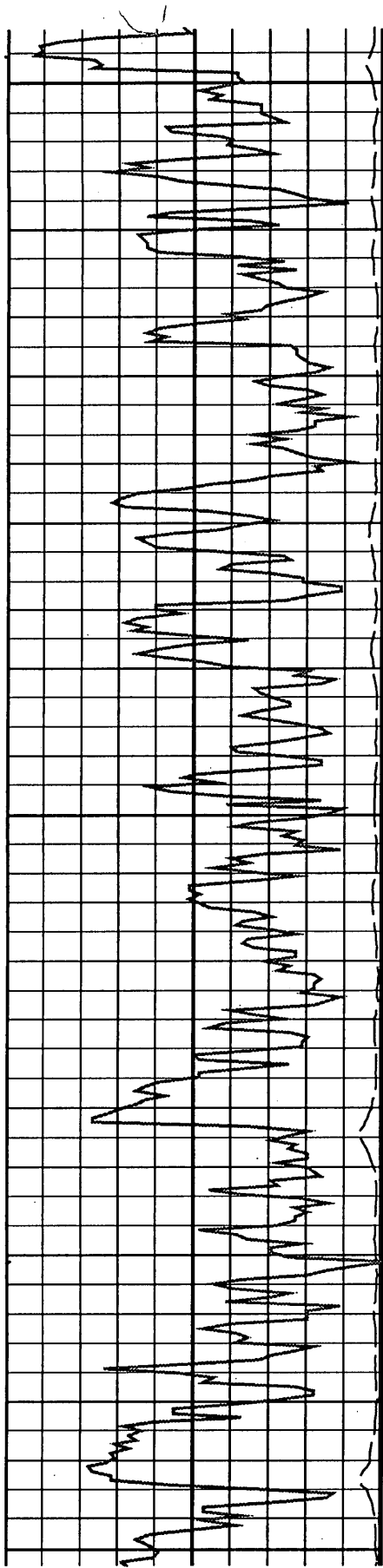




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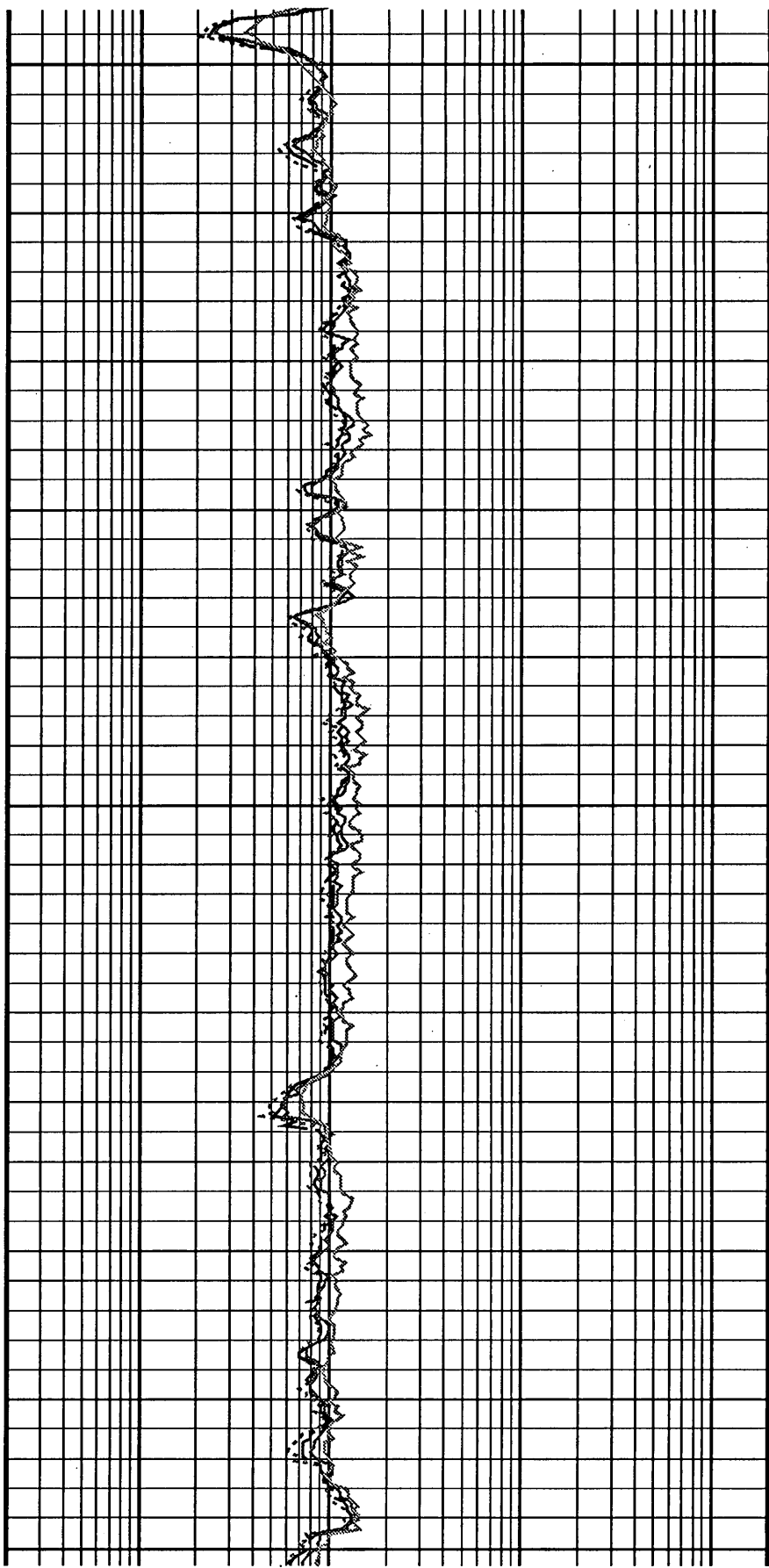


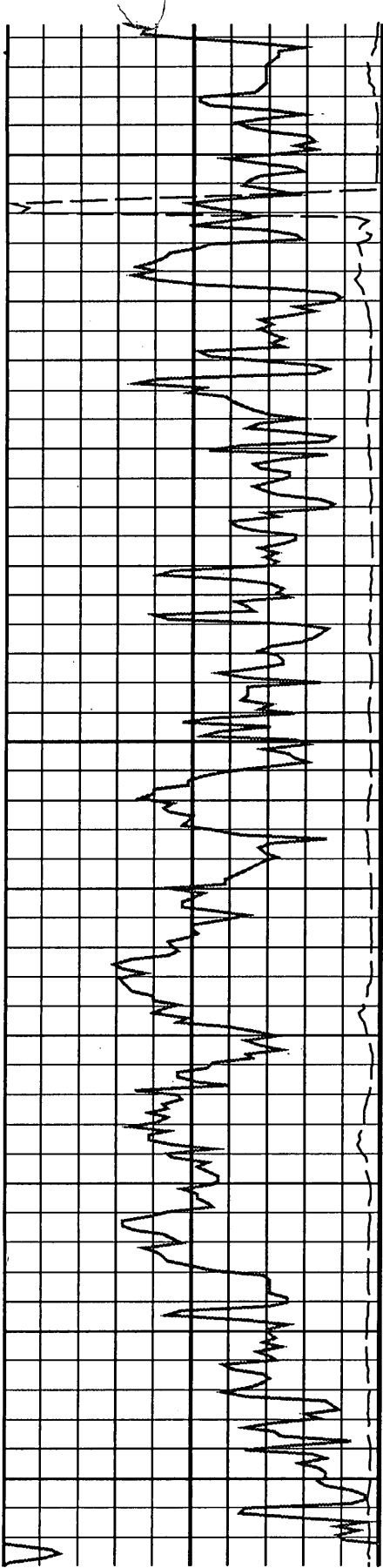


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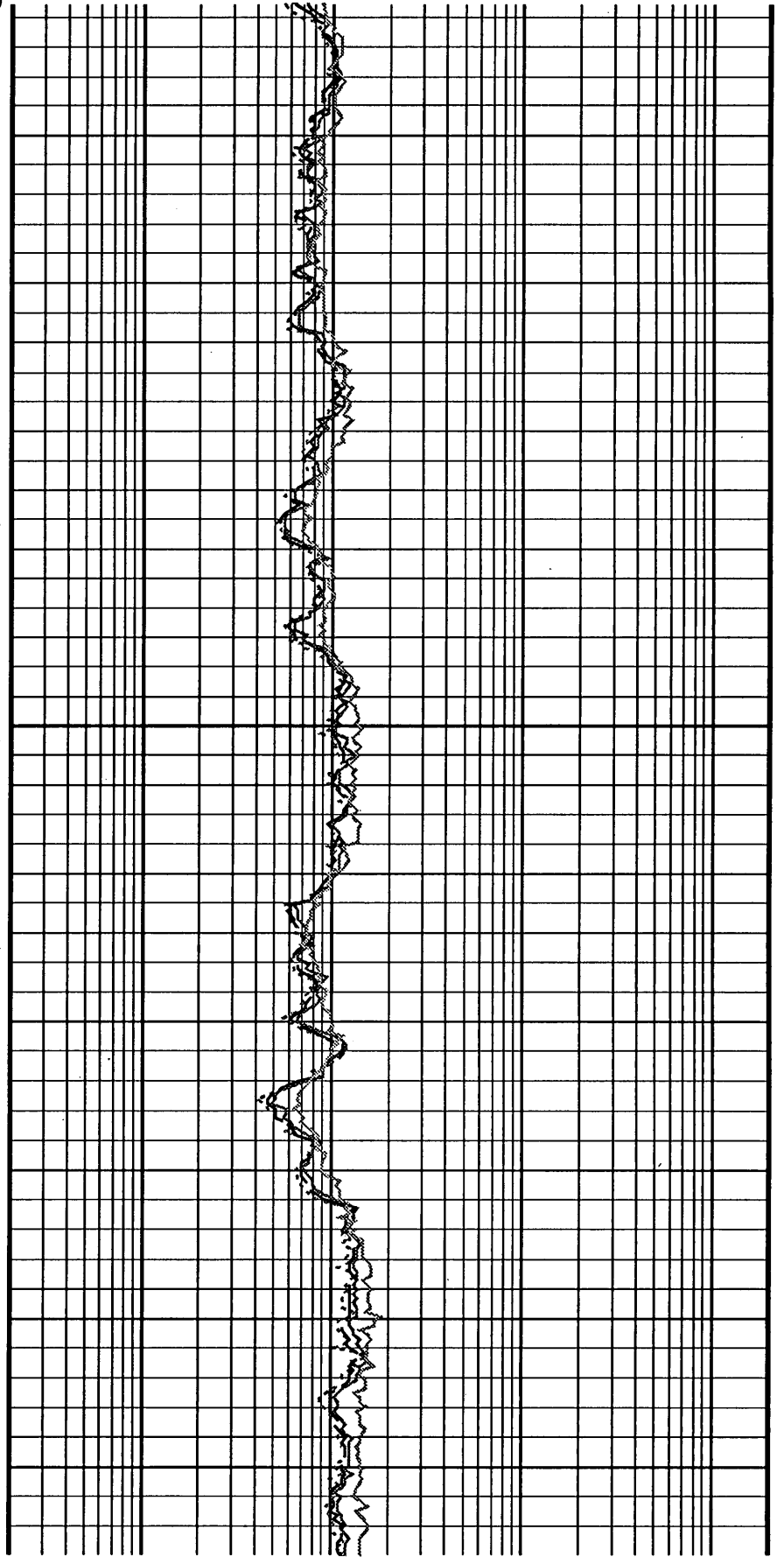


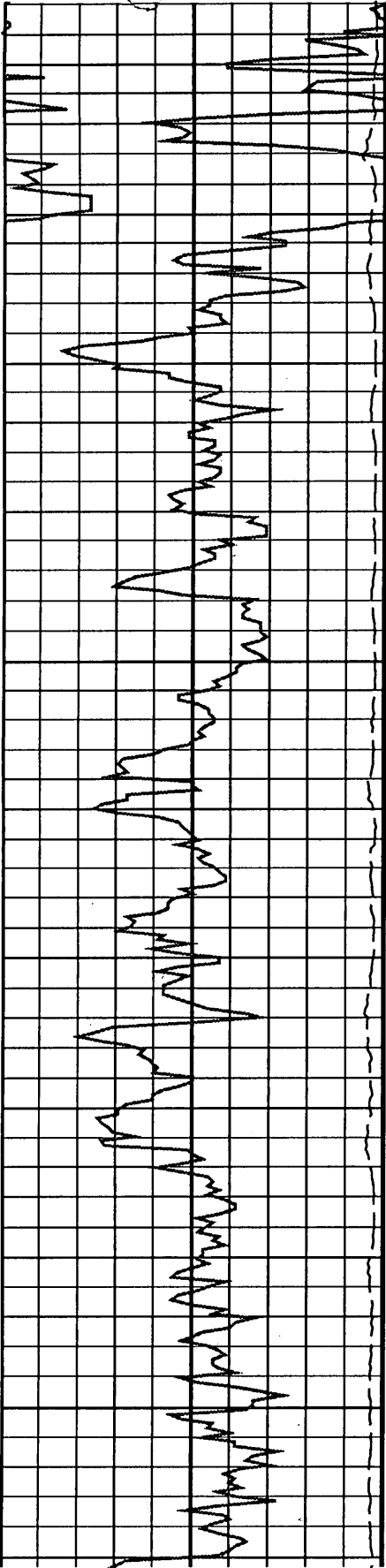


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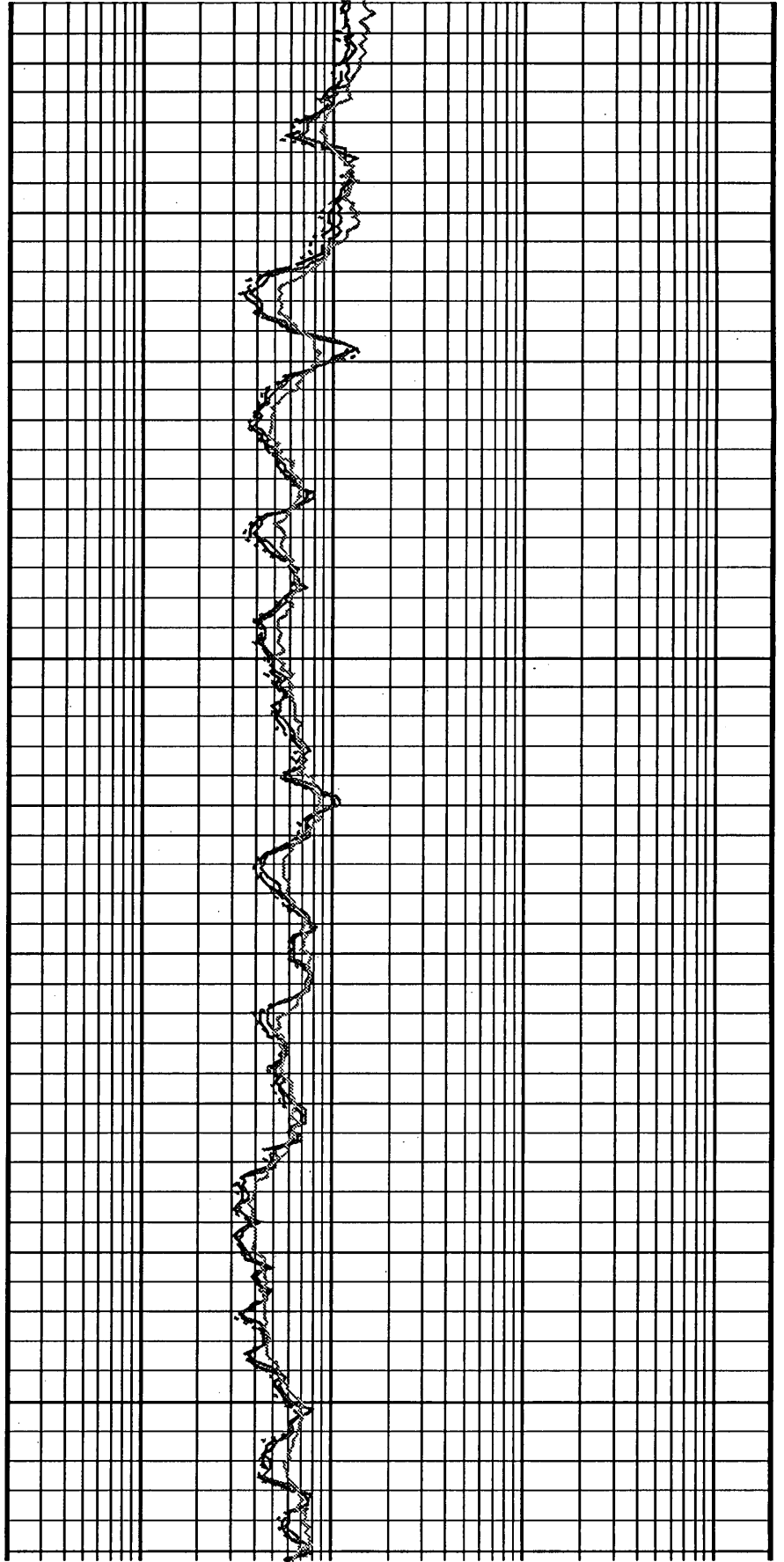
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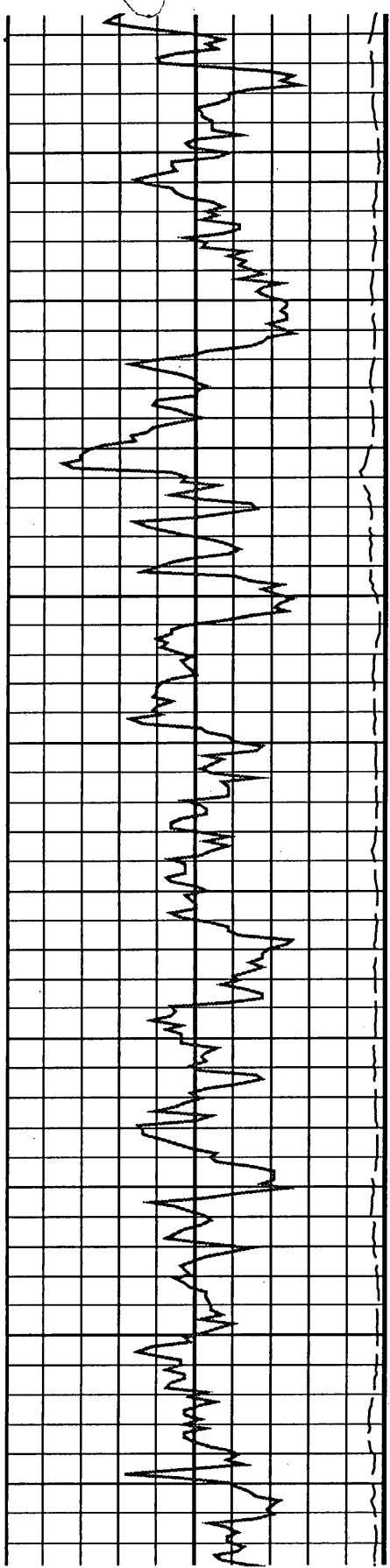




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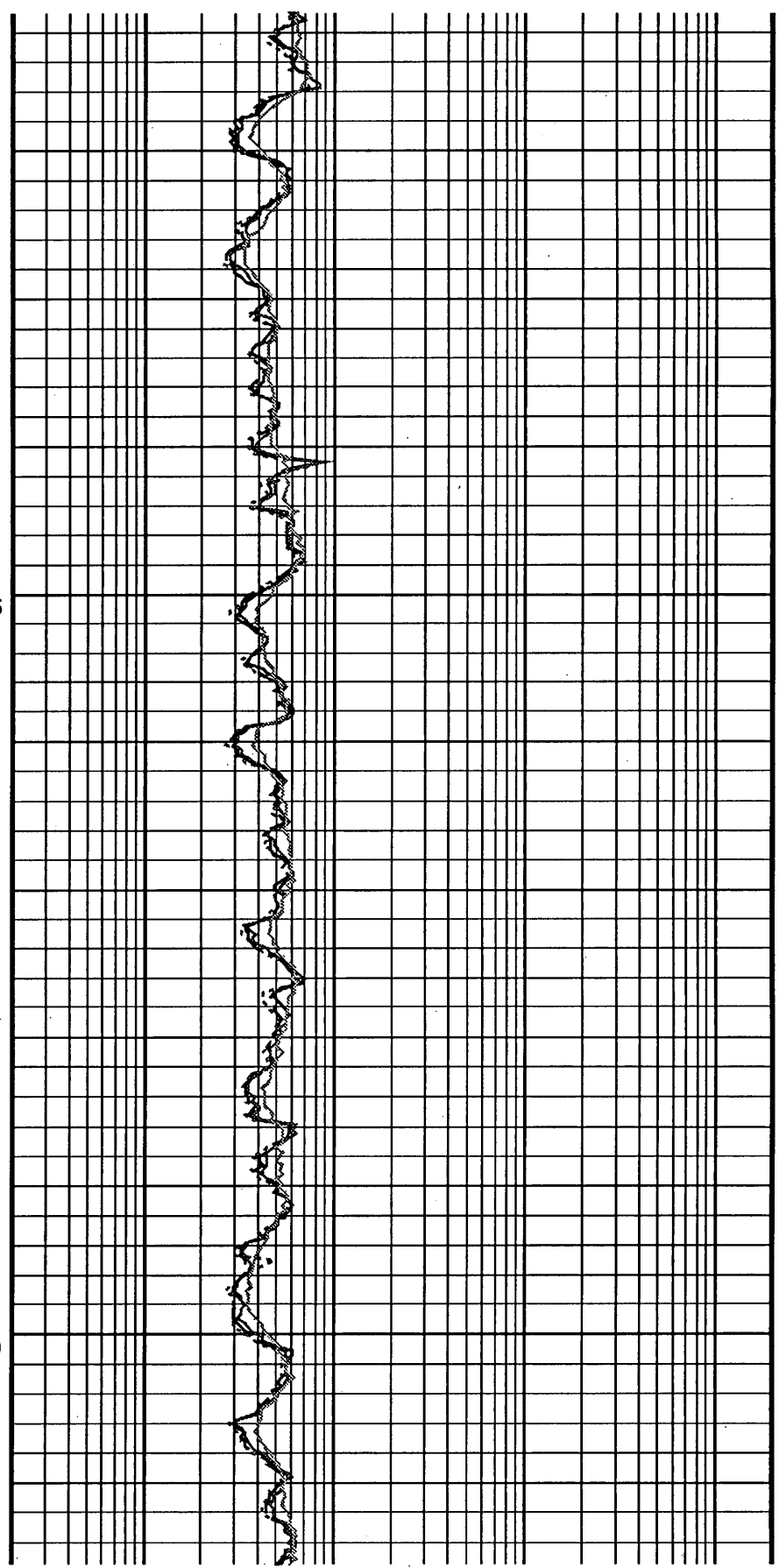


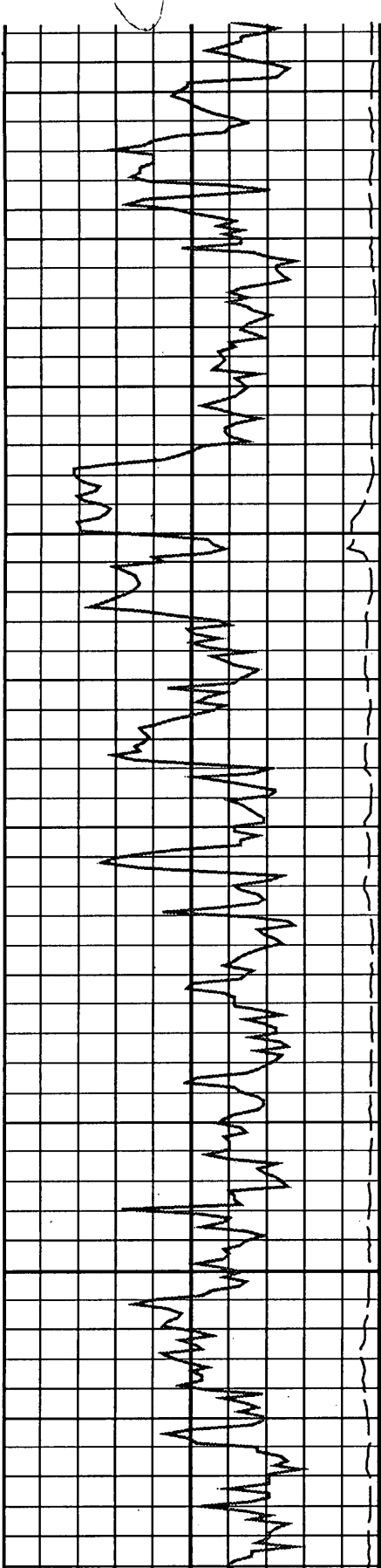
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3225

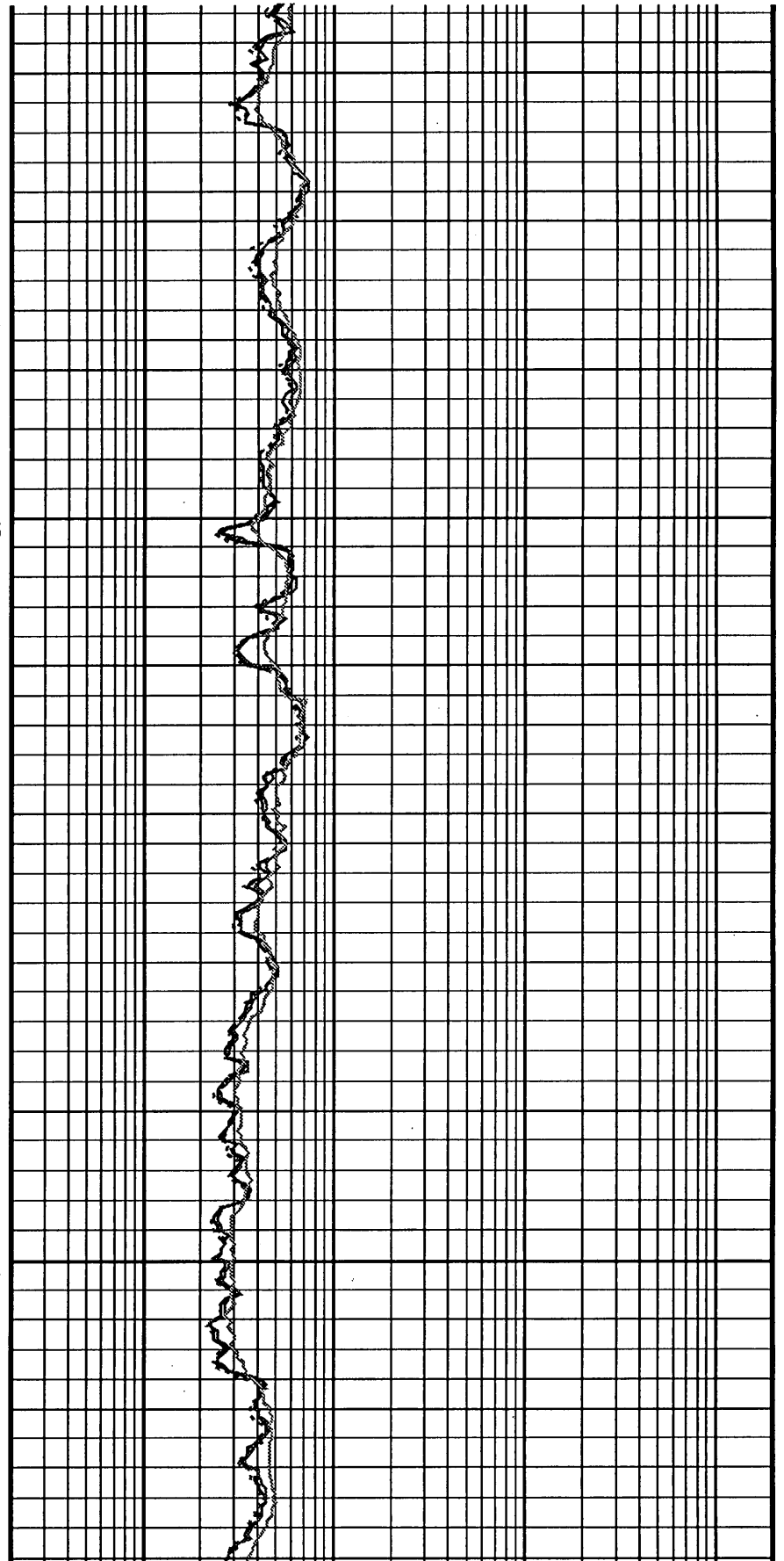
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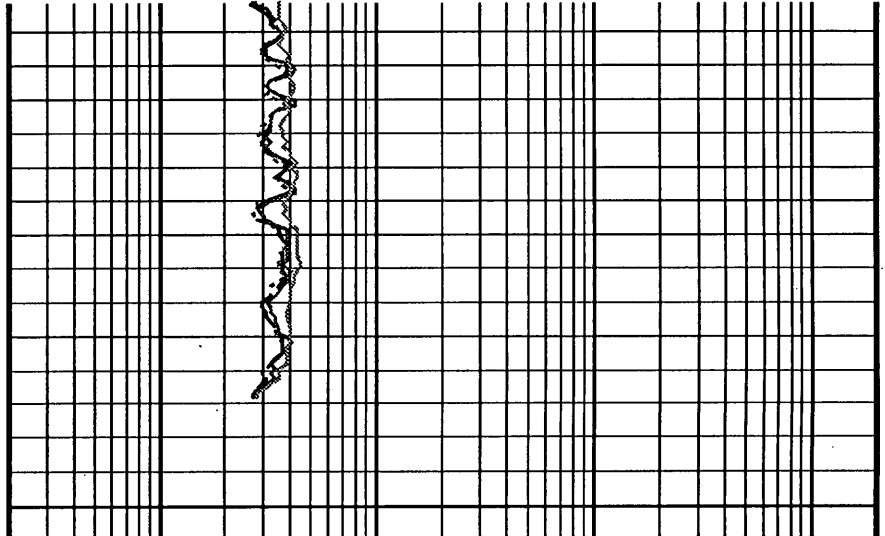
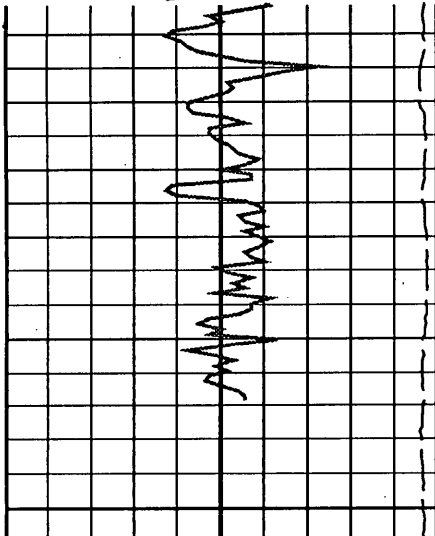




3275

3300





3325

|   |        |     |
|---|--------|-----|
| ROP*5 (ROP5)                            |        |     |
| 200                                     | (M/HR) | 0   |
| ARC Gamma Ray, Real-Time (ARC_GR<br>RT) |        |     |
| 0                                       | (GAPI) | 200 |

|   |  |      |
|---|--|------|
| ARC5 Phase-Shift Resistivity 16-in. at 2 MHz, Real-Time (P16H_R<br>(OHMM) |  |      |
| 0.2   |  | 2000 |
| ARC5 Phase-Shift Resistivity 28-in. at 2 MHz, Real-Time (P28H_R<br>(OHMM) |  |      |
| 0.2   |  | 2000 |
| ARC5 Phase-Shift Resistivity 40-in. at 2 MHz, Real-Time (P40H_R<br>(OHMM) |  |      |
| 0.2   |  | 2000 |
| ARC5 Attenuation Resistivity 40-in. at 2 MHz, Real-Time (A40H_R<br>(OHMM) |  |      |
| 0.2   |  | 2000 |



**FORMATION EVALUATION LOG**  
**Melville-1**  
**SCALE: 1:500.0**



INTEQ

| DRILLING PROGRESS |           | DEPTH (m) | CUTTINGS LITHOLOGY | INTERPRETED LITHOLOGY | CORE | CUT FLUORESCENCE | CALCIOMETRY | COMMENTS |
|-------------------|-----------|-----------|--------------------|-----------------------|------|------------------|-------------|----------|
| GAMMA (API)       | WOB (klb) |           |                    |                       |      |                  |             |          |
| 0                 | 40        | 200       |                    |                       |      |                  |             |          |
| 100               | 30        | 100       |                    |                       |      |                  |             |          |
| 200               | 20        | 0         |                    |                       |      |                  |             |          |
| 300               | 10        |           |                    |                       |      |                  |             |          |
| 400               | 7         |           |                    |                       |      |                  |             |          |
| 500               | 5         |           |                    |                       |      |                  |             |          |
| 600               | 4         |           |                    |                       |      |                  |             |          |
| 700               | 3         |           |                    |                       |      |                  |             |          |
| 800               | 2         |           |                    |                       |      |                  |             |          |
| 900               | 1         |           |                    |                       |      |                  |             |          |
| 1000              | 0         |           |                    |                       |      |                  |             |          |
| 1100              |           |           |                    |                       |      |                  |             |          |
| 1200              |           |           |                    |                       |      |                  |             |          |
| 1300              |           |           |                    |                       |      |                  |             |          |
| 1400              |           |           |                    |                       |      |                  |             |          |
| 1500              |           |           |                    |                       |      |                  |             |          |
| 1600              |           |           |                    |                       |      |                  |             |          |
| 1700              |           |           |                    |                       |      |                  |             |          |
| 1800              |           |           |                    |                       |      |                  |             |          |
| 1900              |           |           |                    |                       |      |                  |             |          |
| 2000              |           |           |                    |                       |      |                  |             |          |
| 2100              |           |           |                    |                       |      |                  |             |          |
| 2200              |           |           |                    |                       |      |                  |             |          |
| 2300              |           |           |                    |                       |      |                  |             |          |
| 2400              |           |           |                    |                       |      |                  |             |          |
| 2500              |           |           |                    |                       |      |                  |             |          |
| 2600              |           |           |                    |                       |      |                  |             |          |
| 2700              |           |           |                    |                       |      |                  |             |          |
| 2800              |           |           |                    |                       |      |                  |             |          |
| 2900              |           |           |                    |                       |      |                  |             |          |
| 3000              |           |           |                    |                       |      |                  |             |          |
| 3100              |           |           |                    |                       |      |                  |             |          |
| 3200              |           |           |                    |                       |      |                  |             |          |
| 3300              |           |           |                    |                       |      |                  |             |          |
| 3400              |           |           |                    |                       |      |                  |             |          |
| 3500              |           |           |                    |                       |      |                  |             |          |
| 3600              |           |           |                    |                       |      |                  |             |          |
| 3700              |           |           |                    |                       |      |                  |             |          |
| 3800              |           |           |                    |                       |      |                  |             |          |
| 3900              |           |           |                    |                       |      |                  |             |          |
| 4000              |           |           |                    |                       |      |                  |             |          |
| 4100              |           |           |                    |                       |      |                  |             |          |
| 4200              |           |           |                    |                       |      |                  |             |          |
| 4300              |           |           |                    |                       |      |                  |             |          |
| 4400              |           |           |                    |                       |      |                  |             |          |
| 4500              |           |           |                    |                       |      |                  |             |          |
| 4600              |           |           |                    |                       |      |                  |             |          |
| 4700              |           |           |                    |                       |      |                  |             |          |
| 4800              |           |           |                    |                       |      |                  |             |          |
| 4900              |           |           |                    |                       |      |                  |             |          |
| 5000              |           |           |                    |                       |      |                  |             |          |

NB10-Smith EG20-ODG 8.5"  
 3x16 jets  
 In 3102  
 XXXm/XXXhrs

WOB 8.0-40.7kibs  
 RPM 61-101  
 GPM 482-499  
 SPP 2011-2115psi

WOB 36.8-40.1kibs  
 RPM 93-104  
 GPM 492-500  
 SPP 2083-2133psi

FG = .08% ABG .02%

SILTSTONE: dsky yelsh bm-brnsh blk, fri-mod hd,sbbkly,com sil cmt,tr carb mat,tr carb lam,tr v f qtz grs,tr pyr nods,tr mic

W 1.12sg V 54 PV/YP 17/27  
 Gels 6/8 F 3.6 FC 1  
 Sol 5.2 Sd 0.5 pH 9.3  
 Cl 31.5k Ca 260 KCl 21.8%

Survey @ 3119.68m  
 Dev 00.65 deg  
 Azi 170.45 deg  
 TVD 3118.80m

SANDSTONE: dk yelsh bm-brnsh gy, olv gy,occ lt gy,mod-v hd,v f-f,r m-crs qtz grs,sbrmdd-mdd,sbsphr,mod-w srt, com arg mtrx,com sil cmt,tr carb mat, tr micmic,tr pyr nod,p vis por,n shw

Survey @ 3149.04m  
 Dev 01.19 deg  
 Azi 129.46 deg  
 TVD 3148.15m

SILTSTONE: brnsh gy,olv blk,brnsh blk,fri-mod hd,occ v hd,sbbkly,occ sbfiss,com sil cmt,tr pyr cmt,r cl mtrx, tr v f qtz grs,r carb mat,tr dissem pyr cmt,grd to CARBONACEOUS SILTSTONE i/p

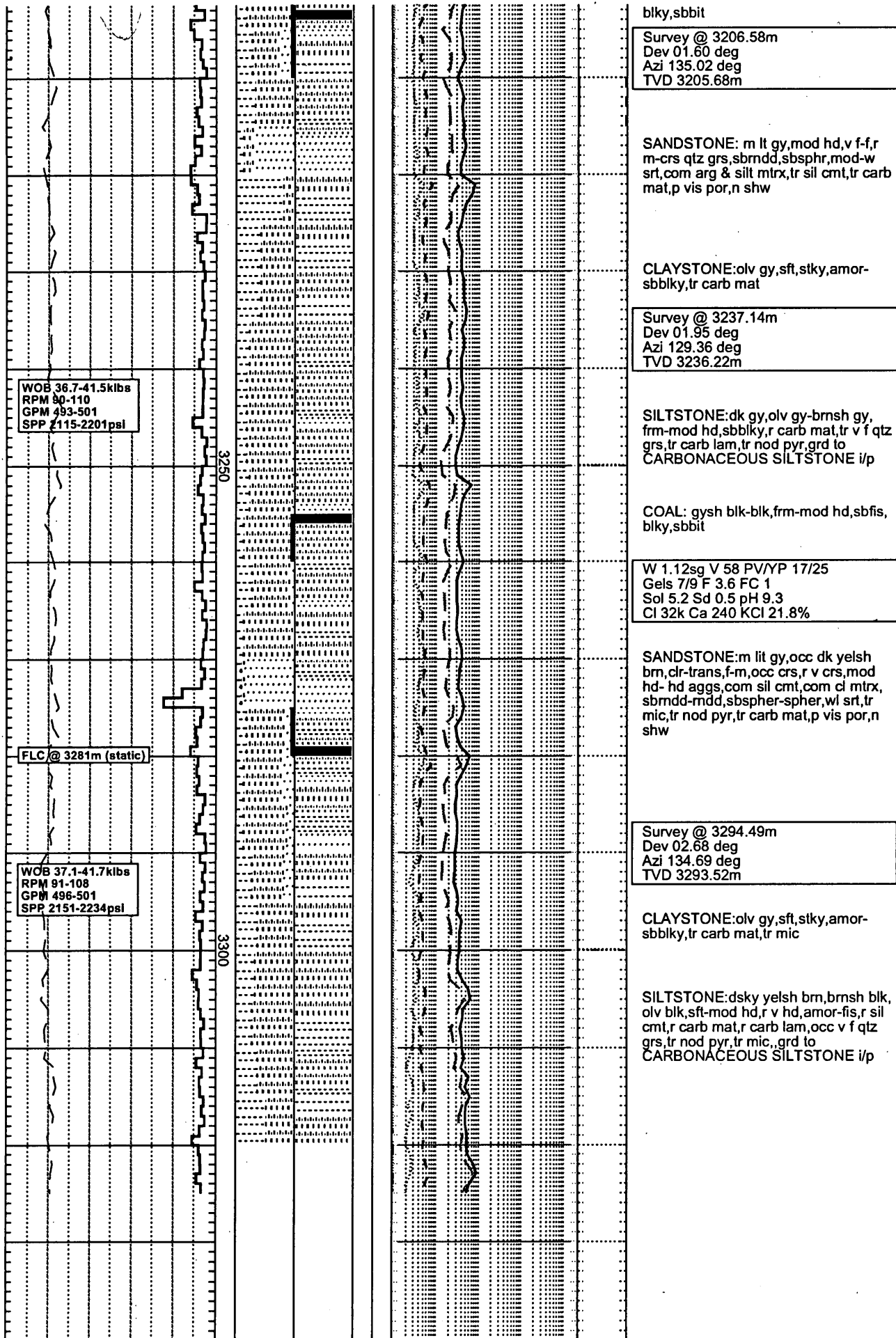
Carbide check @ 3165m  
 Theo strks = 5740  
 Actl strks = 5791  
 Avg Hole Size 8.7"

CLAYSTONE:olv gy,sft-mod hd, sbbkly-amor,stkly i/p,tr carb mat

COAL: gysh blk-blk,frm-mod hd,sbfis, blkly

SILTSTONE: m dk gy,brnsh gy-olv gy, sft-frm,occ mod hd,sbbkly,tr carb mat, tr c frag,grd to dk bm, sbbkly CARBONACEOUS SILTSTONE i/p, COAL: gysh blk-blk,frm-mod hd,sbfis,





WOB 36.7-41.5klbs  
RPM 90-110  
GPM 493-501  
SPP 2115-2201psl

FLC @ 3281m (static)

WOB 37.1-41.7klbs  
RPM 91-108  
GPM 496-501  
SPP 2151-2234psl

blky,sbbit

Survey @ 3206.58m  
Dev 01.60 deg  
Azi 135.02 deg  
TVD 3205.68m

SANDSTONE: m lt gy,mod hd,v f-f,r m-crs qtz grs,sbrmdd,sbsphr,mod-w srt,com arg & silt mtrx,tr sil cmt,tr carb mat,p vis por,n shw

CLAYSTONE:olv gy,sft,stk,amor-sbbiky,tr carb mat

Survey @ 3237.14m  
Dev 01.95 deg  
Azi 129.36 deg  
TVD 3236.22m

SILTSTONE:dk gy,olv gy-brmsh gy, frm-mod hd,sbbiky,r carb mat,tr v f qtz grs,tr carb lam,tr nod pyr,grd to CARBONACEOUS SILTSTONE i/p

COAL: gysh blk-blk,frm-mod hd,sbfis, blky,sbbit

W 1.12sg V 58 PV/YP 17/25  
Gels 7/9 F 3.6 FC 1  
Sol 5.2 Sd 0.5 pH 9.3  
Cl 32k Ca 240 KCl 21.8%

SANDSTONE:m lit gy,occ dk yelsh brn,clr-trans,f-m,occ crs,r v crs,mod hd-hd aggs,com sil cmt,com cl mtrx,sbrmdd-mdd,sbspher-spher,wl srt,tr mic,tr nod pyr,tr carb mat,p vis por,n shw

Survey @ 3294.49m  
Dev 02.68 deg  
Azi 134.69 deg  
TVD 3293.52m

CLAYSTONE:olv gy,sft,stk,amor-sbbiky,tr carb mat,tr mic

SILTSTONE:dky yelsh brn,brmsh blk, olv blk,sft-mod hd,r v hd,amor-fis,r sil cmt,r carb mat,r carb lam,occ v f qtz grs,tr nod pyr,tr mic,grd to CARBONACEOUS SILTSTONE i/p

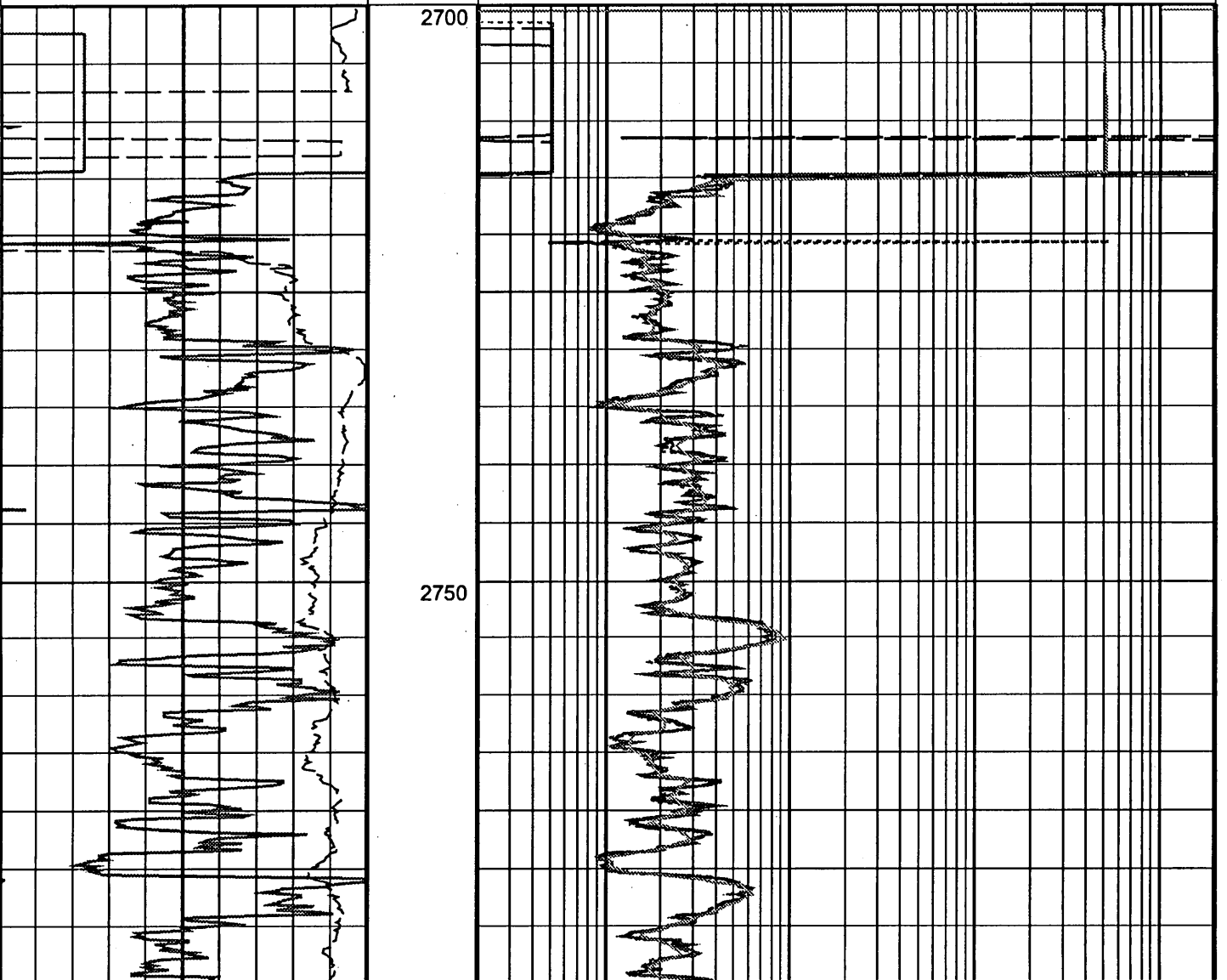
# Melville 1 ARC RT Log 500 MD

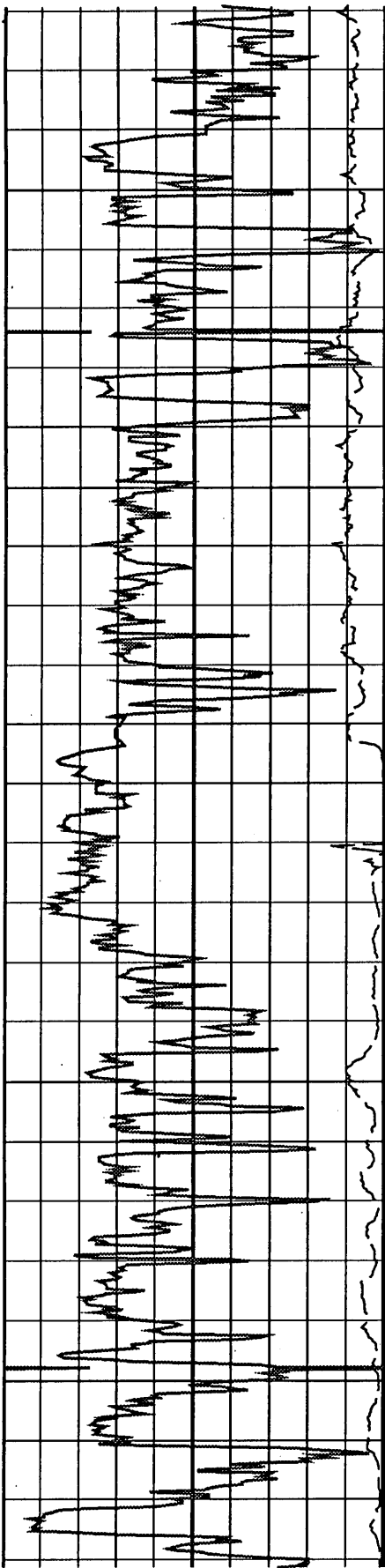
IDEAL Version: ID6\_1C\_10 <MD > Vertical Scale: 1:500

Graphics File Created: 13-Nov-2001 05:5

|  |        |      |
|--|--------|------|
| ARC5 Attenuation Resistivity 40-in. at 2 MHz, Real-Time (A40H_R) |        | 2000 |
| 0.2  | (OHMM) |      |
| ARC5 Phase-Shift Resistivity 40-in. at 2 MHz, Real-Time (P40H_R) |        | 2000 |
| 0.2  | (OHMM) |      |
| ARC5 Phase-Shift Resistivity 28-in. at 2 MHz, Real-Time (P28H_R) |        | 2000 |
| 0.2  | (OHMM) |      |
| ARC5 Phase-Shift Resistivity 16-in. at 2 MHz, Real-Time (P16H_R) |        | 2000 |
| 0.2  | (OHMM) |      |

|                                      |        |     |
|--------------------------------------|--------|-----|
| ARC Gamma Ray, Real-Time (ARC_GR_RT) |        | 200 |
| 0                                    | (GAPI) |     |
| ROP*5 (ROP5)                         |        | 0   |
| 200                                  | (M/HR) |     |

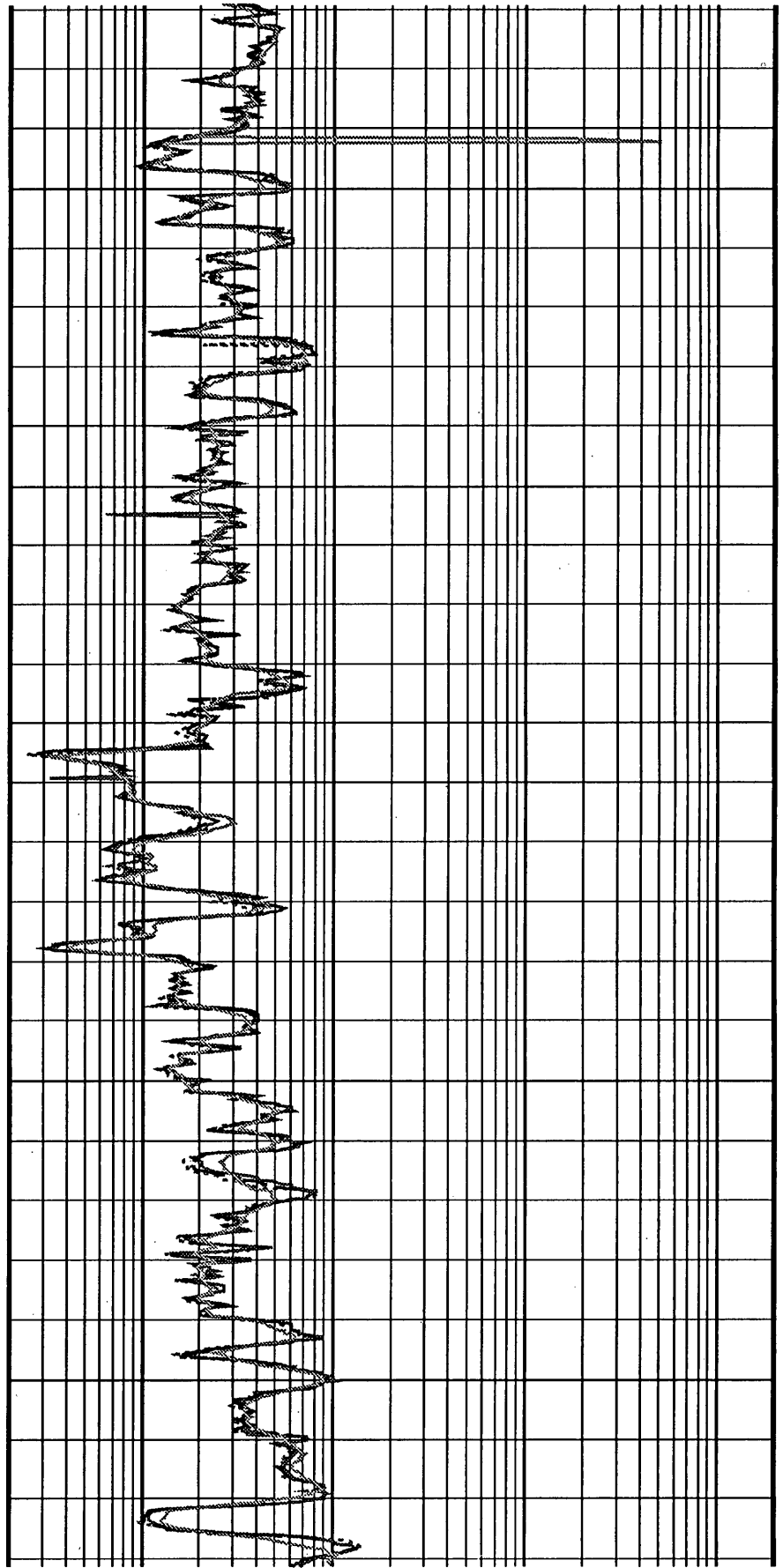


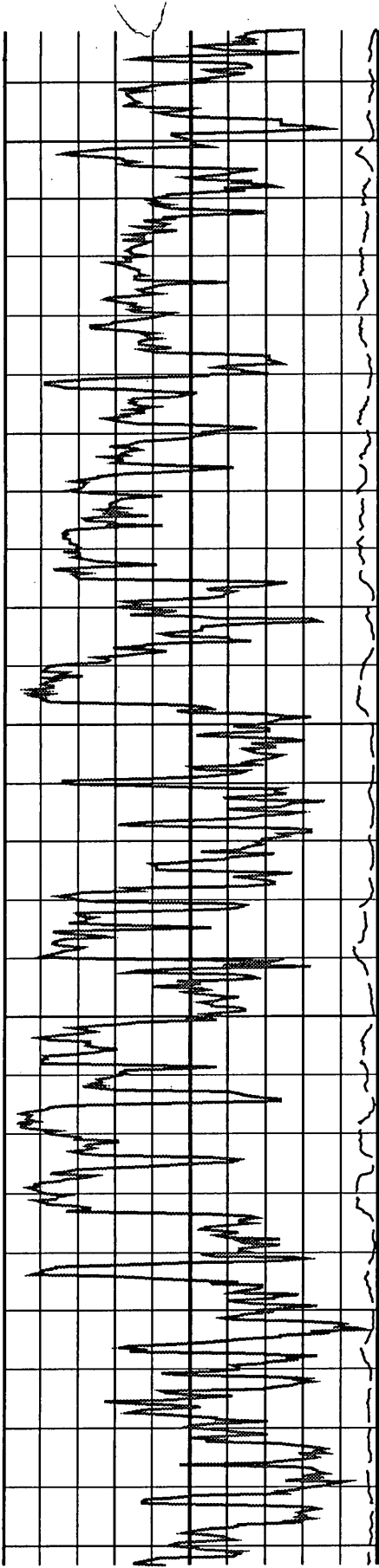


2800

2850

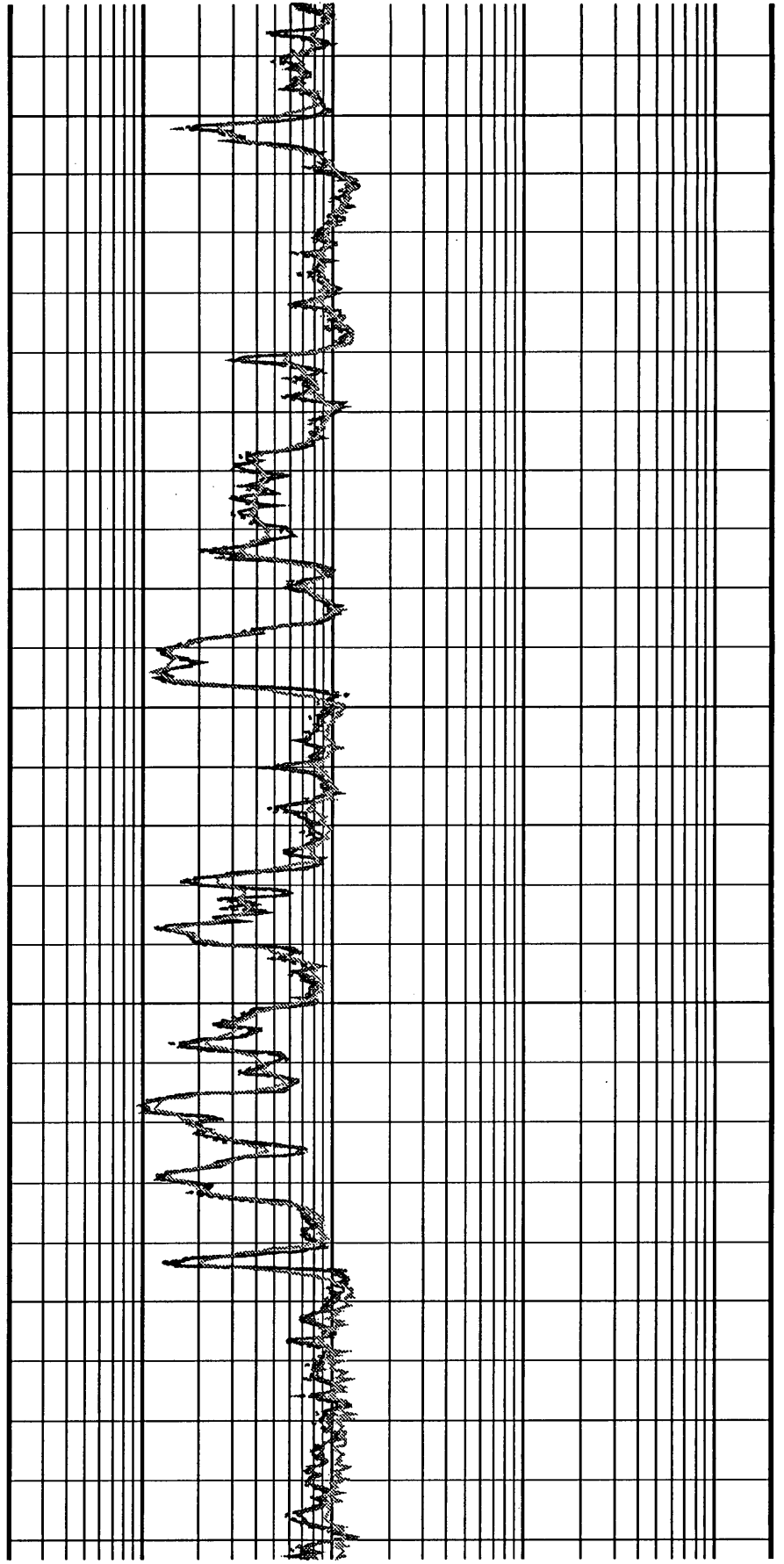
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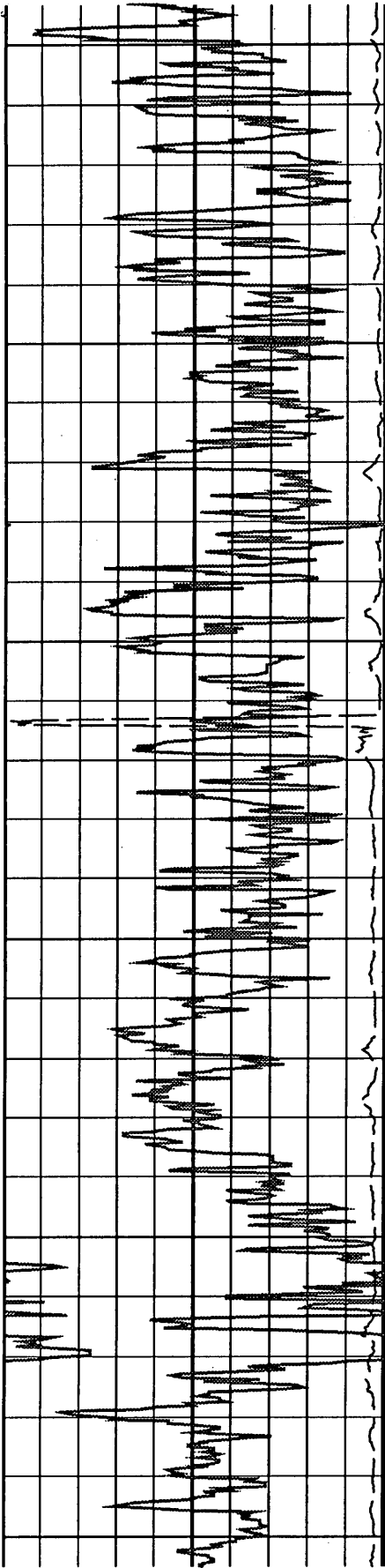




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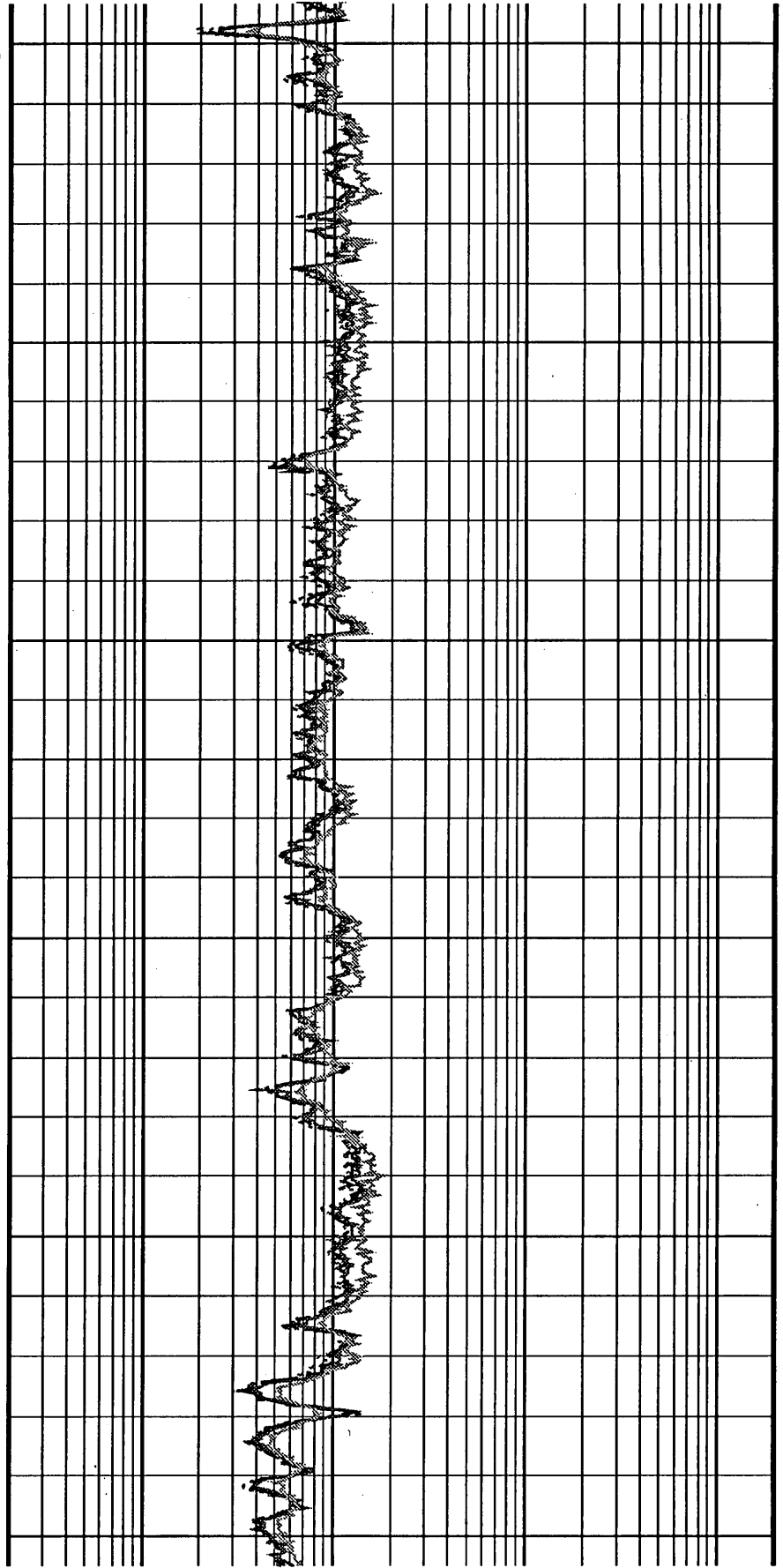


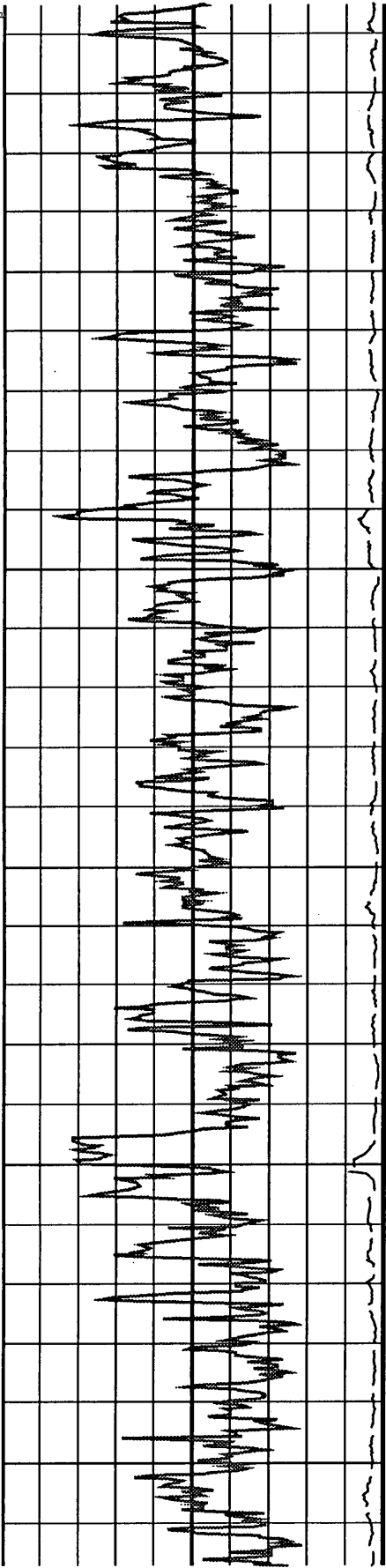


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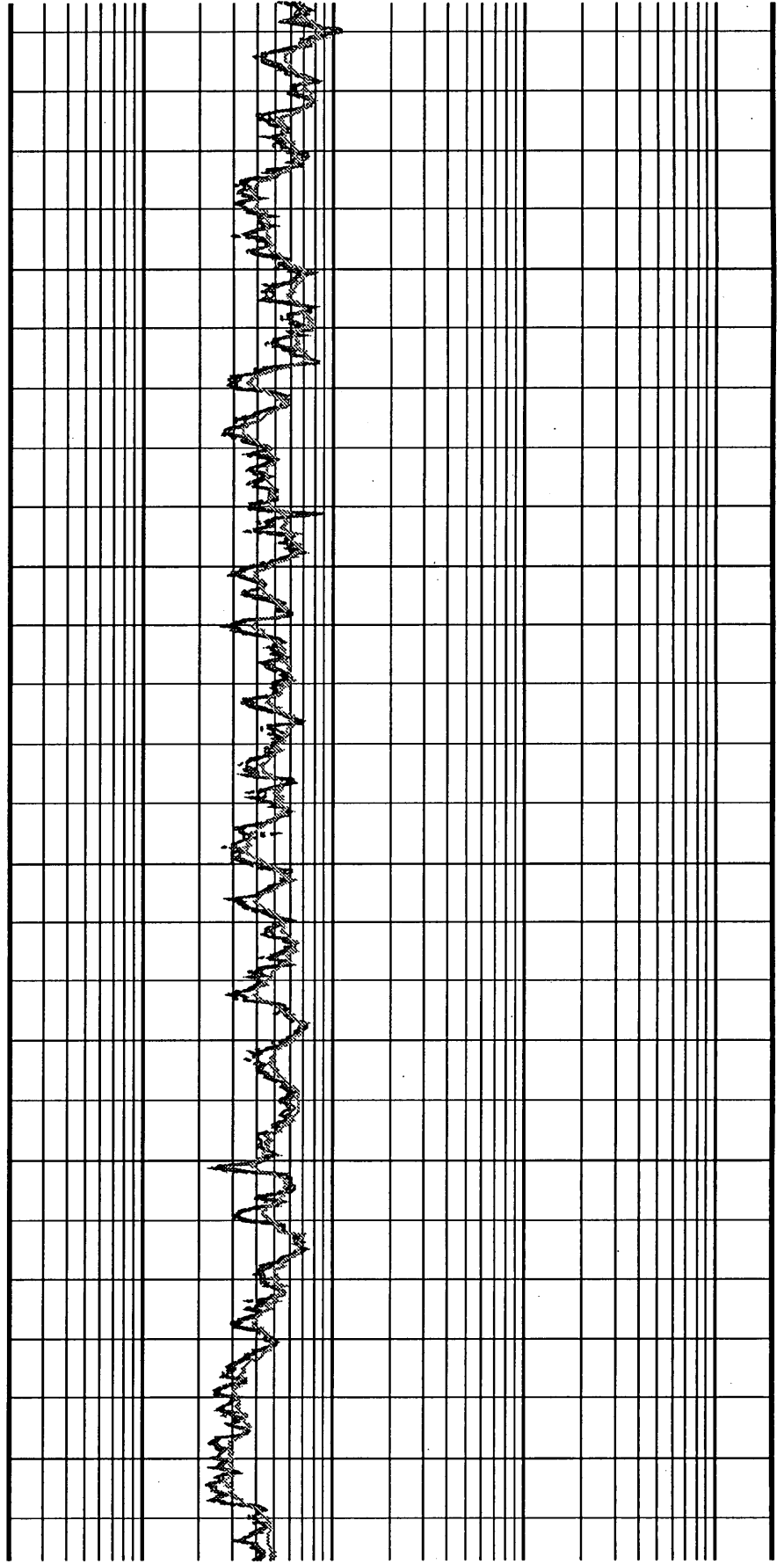


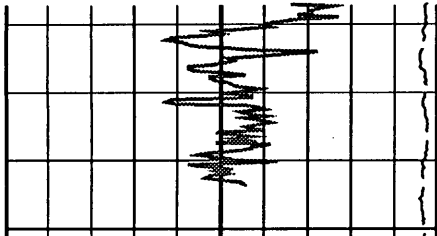


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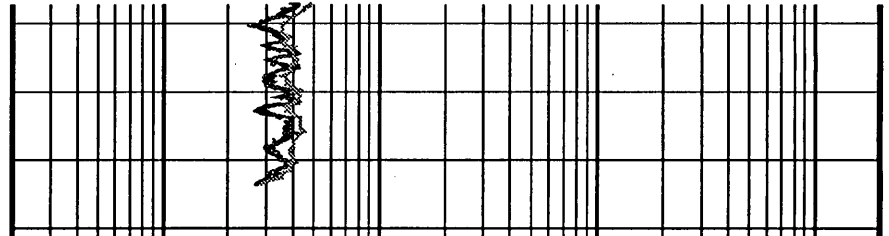
3250

3300





|   |        |     |
|---|--------|-----|
| <b>ROP*5 (ROP5)</b>                         |        |     |
| 200   | (M/HR) | 0   |
| <b>ARC Gamma Ray, Real-Time (ARC_GR_RT)</b> |        |     |
| 0   | (GAPI) | 200 |



|   |        |      |
|---|--------|------|
| <b>ARC5 Phase-Shift Resistivity 16-in. at 2 MHz, Real-Time (P16H_R)</b> |        |      |
| 0.2   | (OHMM) | 2000 |
| <b>ARC5 Phase-Shift Resistivity 28-in. at 2 MHz, Real-Time (P28H_R)</b> |        |      |
| 0.2   | (OHMM) | 2000 |
| <b>ARC5 Phase-Shift Resistivity 40-in. at 2 MHz, Real-Time (P40H_R)</b> |        |      |
| 0.2   | (OHMM) | 2000 |
| <b>ARC5 Attenuation Resistivity 40-in. at 2 MHz, Real-Time (A40H_R)</b> |        |      |
| 0.2   | (OHMM) | 2000 |



To: kourosh.mehin@nre.vic.gov.au  
cc: (bcc: Kourosh Mehin/NRE)  
Subject: MWD and mudlog files for Monday for Melville-1

Kourosh, hope you had a safe return journey - here are the log files for Melville-1

Regards

Ian

Ian Reid

Chief Operations Geologist

Bass Strait Oil Company Ltd

03 9614 0426

ian.reid@bassoil.com.au

ANADRILL

SCHLUMBERGER

Survey report

12-Nov-2001 02:24:18 Page 1 of 3

Client.....: Bass Strait Oil Company  
Field.....: Permit VIC/P42

Well.....: Melville-1 Spud  
date.....:  
API number.....: Last survey  
date.....: 12-Nov-01  
Engineer.....: A. Abad / M. Saicic Total accepted  
surveys....: 52  
survey.....: 1432.10 m MD of first  
COUNTY.....: Ocean Bounty MD of last  
survey.....: 3149.04 m  
STATE.....: Victoria

----- Survey calculation methods-----

Geomagnetic data -----  
Method for positions.....: Minimum curvature Magnetic  
model.....: BGGM version 2000  
Method for DLS.....: Mason & Taylor Magnetic  
date.....: 24-Oct-2001  
strength...: 1206.71 HCNT Magnetic field  
----- Depth reference -----  
dec (+E/W-).....: 13.17 degrees  
Permanent datum.....: GROUND LEVEL Magnetic  
dip.....: -69.20 degrees  
Depth reference.....:  
GL above permanent.....: -100.00 m ----- MWD



survey Reference Criteria -----

KB above permanent.....: 75.00 m Reference  
 G.....: 1000.07 mGal Reference  
 DF above permanent.....: 25.00 m Reference  
 H.....: 1206.71 HCNT Reference  
 Dip.....: -69.20 degrees  
 ----- Vertical section origin----- Tolerance  
 of G.....: (+/-) 2.50 mGal  
 Latitude (+N/S-).....: 0.00 m Tolerance of  
 H.....: (+/-) 6.00 HCNT  
 Departure (+E/W-).....: 0.00 m Tolerance of  
 Dip.....: (+/-) 0.45 degrees

| Seq    | Measured | Incl   | Azimuth | Course | TVD     | Vertical | Displ  |
|--------|----------|--------|---------|--------|---------|----------|--------|
| Displ  | Total    | At     | DLS     | Srvy   | Tool    | section  | +N/S-  |
| #      | depth    | angle  | angle   | length | depth   |          |        |
| +E/W-  | displ    | Azim   | (deg/   | tool   | qual    |          |        |
| -      | (m)      | (deg)  | (deg)   | (m)    | (m)     | (m)      | (m)    |
| (m)    | (deg)    | 10m)   | type    | type   |         |          | (m)    |
| 1      | 1432.10  | 2.40   | 228.90  | 0.00   | 1432.00 | -2.80    | -2.80  |
| -1.60  | 3.22     | 209.74 | 0.00    | TIP    | -       |          |        |
| 2      | 1443.09  | 2.50   | 236.20  | 10.99  | 1442.98 | -3.08    | -3.08  |
| -1.97  | 3.66     | 212.60 | 0.30    | MWD    | 6-axis  |          |        |
| 3      | 1494.71  | 2.59   | 236.48  | 51.62  | 1494.55 | -4.35    | -4.35  |
| -3.88  | 5.83     | 221.70 | 0.02    | MWD    | 6-axis  |          |        |
| 4      | 1557.58  | 2.56   | 237.49  | 62.87  | 1557.36 | -5.89    | -5.89  |
| -6.25  | 8.59     | 226.67 | 0.01    | MWD    | 6-axis  |          |        |
| 5      | 1615.86  | 2.80   | 236.37  | 58.28  | 1615.57 | -7.38    | -7.38  |
| -8.53  | 11.28    | 229.13 | 0.04    | MWD    | 6-axis  |          |        |
| 6      | 1644.61  | 2.69   | 236.51  | 28.75  | 1644.29 | -8.14    | -8.14  |
| -9.68  | 12.65    | 229.93 | 0.04    | MWD    | 6-axis  |          |        |
| 7      | 1668.50  | 2.86   | 238.36  | 23.89  | 1668.15 | -8.77    | -8.77  |
| -10.65 | 13.80    | 230.56 | 0.08    | MWD    | 6-axis  |          |        |
| 8      | 1699.25  | 2.65   | 238.80  | 30.75  | 1698.87 | -9.54    | -9.54  |
| -11.92 | 15.26    | 231.33 | 0.07    | MWD    | 6-axis  |          |        |
| 9      | 1727.71  | 2.60   | 239.64  | 28.46  | 1727.30 | -10.20   | -10.20 |
| -13.03 | 16.55    | 231.95 | 0.02    | MWD    | 6-axis  |          |        |
| 10     | 1756.63  | 2.51   | 238.85  | 28.92  | 1756.19 | -10.86   | -10.86 |
| -14.14 | 17.83    | 232.48 | 0.03    | MWD    | 6-axis  |          |        |
| 11     | 1786.00  | 2.34   | 240.28  | 29.37  | 1785.53 | -11.49   | -11.49 |
| -15.21 | 19.07    | 232.93 | 0.06    | MWD    | 6-axis  |          |        |
| 12     | 1814.34  | 2.29   | 240.62  | 28.34  | 1813.85 | -12.06   | -12.06 |
| -16.21 | 20.20    | 233.36 | 0.02    | MWD    | 6-axis  |          |        |
| 13     | 1843.18  | 2.18   | 239.19  | 28.84  | 1842.67 | -12.62   | -12.62 |
| -17.18 | 21.32    | 233.70 | 0.04    | MWD    | 6-axis  |          |        |
| 14     | 1901.41  | 1.96   | 237.87  | 58.23  | 1900.86 | -13.72   | -13.72 |
| -18.98 | 23.42    | 234.14 | 0.04    | MWD    | 6-axis  |          |        |
| 15     | 1931.65  | 1.78   | 237.81  | 30.24  | 1931.08 | -14.24   | -14.24 |
| -19.81 | 24.40    | 234.29 | 0.06    | MWD    | 6-axis  |          |        |
| 16     | 1960.46  | 1.72   | 237.86  | 28.81  | 1959.88 | -14.71   | -14.71 |
| -20.56 | 25.28    | 234.41 | 0.02    | MWD    | 6-axis  |          |        |

|        |         |        |        |       |         |        |        |
|--------|---------|--------|--------|-------|---------|--------|--------|
| 17     | 1989.04 | 1.62   | 235.40 | 28.58 | 1988.45 | -15.17 | -15.17 |
| -21.25 | 26.11   | 234.49 | 0.04   | MWD   | 6-axis  |        |        |
| 18     | 2047.36 | 1.44   | 230.77 | 58.32 | 2046.74 | -16.10 | -16.10 |
| -22.50 | 27.67   | 234.41 | 0.04   | MWD   | 6-axis  |        |        |
| 19     | 2075.90 | 1.46   | 228.72 | 28.54 | 2075.28 | -16.57 | -16.57 |
| -23.05 | 28.39   | 234.30 | 0.02   | MWD   | 6-axis  |        |        |
| 20     | 2104.97 | 1.26   | 223.46 | 29.07 | 2104.34 | -17.04 | -17.04 |
| -23.55 | 29.07   | 234.11 | 0.08   | MWD   | 6-axis  |        |        |
| 21     | 2133.36 | 1.26   | 222.20 | 28.39 | 2132.72 | -17.50 | -17.50 |
| -23.97 | 29.68   | 233.87 | 0.01   | MWD   | 6-axis  |        |        |
| 22     | 2161.89 | 1.14   | 222.54 | 28.53 | 2161.24 | -17.94 | -17.94 |
| -24.38 | 30.27   | 233.64 | 0.04   | MWD   | 6-axis  |        |        |
| 23     | 2190.93 | 1.21   | 218.85 | 29.04 | 2190.28 | -18.39 | -18.39 |
| -24.76 | 30.85   | 233.40 | 0.04   | MWD   | 6-axis  |        |        |
| 24     | 2220.38 | 1.11   | 218.25 | 29.45 | 2219.72 | -18.86 | -18.86 |
| -25.13 | 31.42   | 233.12 | 0.03   | MWD   | 6-axis  |        |        |
| 25     | 2249.29 | 1.04   | 218.39 | 28.91 | 2248.63 | -19.29 | -19.29 |
| -25.47 | 31.95   | 232.87 | 0.02   | MWD   | 6-axis  |        |        |
| 26     | 2278.19 | 0.90   | 218.62 | 28.90 | 2277.52 | -19.67 | -19.67 |
| -25.78 | 32.42   | 232.65 | 0.05   | MWD   | 6-axis  |        |        |
| 27     | 2307.52 | 0.99   | 219.17 | 29.33 | 2306.85 | -20.04 | -20.04 |
| -26.08 | 32.89   | 232.45 | 0.03   | MWD   | 6-axis  |        |        |
| 28     | 2336.95 | 1.01   | 219.68 | 29.43 | 2336.27 | -20.44 | -20.44 |
| -26.41 | 33.39   | 232.26 | 0.01   | MWD   | 6-axis  |        |        |
| 29     | 2365.20 | 0.95   | 216.00 | 28.25 | 2364.52 | -20.82 | -20.82 |
| -26.70 | 33.86   | 232.05 | 0.03   | MWD   | 6-axis  |        |        |
| 30     | 2394.92 | 1.02   | 211.37 | 29.72 | 2394.24 | -21.25 | -21.25 |
| -26.98 | 34.35   | 231.78 | 0.04   | MWD   | 6-axis  |        |        |

| Seq    | Measured | Incl   | Azimuth | Course | TVD     | Vertical | Displ  |
|--------|----------|--------|---------|--------|---------|----------|--------|
| Displ  | Total    | At     | DLS     | Srvy   | Tool    | section  | +N/S-  |
| #      | depth    | angle  | angle   | length | depth   |          |        |
| +E/W-  | displ    | Azim   | (deg/   | tool   | qual    |          |        |
| -      | (m)      | (deg)  | (deg)   | (m)    | (m)     | (m)      | (m)    |
| (m)    | (deg)    | 10m)   | type    | type   |         |          |        |
| 31     | 2422.33  | 1.09   | 213.07  | 27.41  | 2421.64 | -21.67   | -21.67 |
| -27.25 | 34.82    | 231.51 | 0.03    | MWD    | 6-axis  |          |        |
| 32     | 2480.97  | 1.04   | 210.77  | 58.64  | 2480.27 | -22.60   | -22.60 |
| -27.83 | 35.85    | 230.92 | 0.01    | MWD    | 6-axis  |          |        |
| 33     | 2538.48  | 1.07   | 207.79  | 57.51  | 2537.77 | -23.52   | -23.52 |
| -28.35 | 36.84    | 230.31 | 0.01    | MWD    | 6-axis  |          |        |
| 34     | 2558.35  | 1.06   | 210.59  | 19.87  | 2557.64 | -23.84   | -23.84 |
| -28.53 | 37.18    | 230.11 | 0.03    | MWD    | 6-axis  |          |        |
| 35     | 2590.86  | 1.13   | 214.63  | 32.50  | 2590.13 | -24.37   | -24.37 |
| -28.86 | 37.77    | 229.83 | 0.03    | MWD    | 6-axis  |          |        |

|        |         |        |        |       |         |        |        |
|--------|---------|--------|--------|-------|---------|--------|--------|
| 36     | 2648.71 | 1.10   | 221.39 | 57.86 | 2647.98 | -25.25 | -25.25 |
| -29.55 | 38.87   | 229.49 | 0.02   | MWD   | 6-axis  |        |        |
| 37     | 2677.84 | 1.17   | 224.01 | 29.13 | 2677.10 | -25.68 | -25.68 |
| -29.95 | 39.45   | 229.39 | 0.03   | MWD   | 6-axis  |        |        |
| 38     | 2743.69 | 1.35   | 230.93 | 65.85 | 2742.94 | -26.65 | -26.65 |
| -31.02 | 40.89   | 229.33 | 0.04   | MWD   | 6-axis  |        |        |
| 39     | 2772.78 | 1.31   | 229.00 | 29.09 | 2772.02 | -27.08 | -27.08 |
| -31.53 | 41.57   | 229.34 | 0.02   | MWD   | 6-axis  |        |        |
| 40     | 2801.94 | 1.34   | 230.09 | 29.16 | 2801.17 | -27.52 | -27.52 |
| -32.05 | 42.24   | 229.34 | 0.01   | MWD   | 6-axis  |        |        |
| 41     | 2830.87 | 1.60   | 226.88 | 28.93 | 2830.09 | -28.01 | -28.01 |
| -32.60 | 42.98   | 229.33 | 0.09   | MWD   | 6-axis  |        |        |
| 42     | 2862.03 | 1.75   | 228.47 | 31.16 | 2861.24 | -28.63 | -28.63 |
| -33.27 | 43.89   | 229.29 | 0.05   | MWD   | 6-axis  |        |        |
| 43     | 2889.90 | 2.04   | 226.84 | 27.87 | 2889.10 | -29.25 | -29.25 |
| -33.95 | 44.81   | 229.26 | 0.11   | MWD   | 6-axis  |        |        |
| 44     | 2919.06 | 2.08   | 227.19 | 29.16 | 2918.24 | -29.96 | -29.96 |
| -34.72 | 45.86   | 229.21 | 0.01   | MWD   | 6-axis  |        |        |
| 45     | 2948.01 | 1.81   | 221.56 | 28.95 | 2947.17 | -30.66 | -30.66 |
| -35.41 | 46.84   | 229.11 | 0.11   | MWD   | 6-axis  |        |        |
| 46     | 2977.28 | 1.63   | 219.95 | 29.27 | 2976.43 | -31.33 | -31.33 |
| -35.98 | 47.71   | 228.96 | 0.06   | MWD   | 6-axis  |        |        |
| 47     | 3005.24 | 1.51   | 212.47 | 27.96 | 3004.38 | -31.94 | -31.94 |
| -36.44 | 48.46   | 228.76 | 0.08   | MWD   | 6-axis  |        |        |
| 48     | 3033.85 | 1.32   | 208.32 | 28.61 | 3032.98 | -32.55 | -32.55 |
| -36.80 | 49.13   | 228.50 | 0.08   | MWD   | 6-axis  |        |        |
| 49     | 3063.37 | 0.92   | 208.53 | 29.52 | 3062.49 | -33.06 | -33.06 |
| -37.07 | 49.67   | 228.27 | 0.14   | MWD   | 6-axis  |        |        |
| 50     | 3086.82 | 0.89   | 200.42 | 23.45 | 3085.94 | -33.39 | -33.39 |
| -37.22 | 50.01   | 228.10 | 0.06   | MWD   | 6-axis  |        |        |
| 51     | 3119.68 | 0.65   | 170.45 | 32.86 | 3118.80 | -33.82 | -33.82 |
| -37.28 | 50.33   | 227.79 | 0.14   | MWD   | 6-axis  |        |        |
| 52     | 3149.04 | 1.19   | 129.46 | 29.36 | 3148.15 | -34.18 | -34.18 |
| -37.02 | 50.38   | 227.29 | 0.28   | MWD   | 6-axis  |        |        |

[(c)2001 Anadrill IDEAL ID6\_1C\_10]



- Melville-1(MWD\_realtime\_1-500\_GR\_ARC\_2700-3190m).pdf



- Melville-1(MWD\_realtime\_1-200\_GR\_ARC\_2700-3190m).pdf



- Melville-1\_drillog\_1-2500\_2900-3152m.pdf



- Melville-1\_mudlog\_1-500\_3100-3190m.pdf



ian@petroconsult.com.au on 11/12/2001 09:20:07 AM

To: kourosh.mehin@nre.vic.gov.au  
 cc: (bcc: Kourosh Mehin/NRE)  
 Subject: MWD and mudlog files for Monday for Melville-1

---

Kourosh, hope you had a safe return journey - here are the log files for Melville-1

Regards

Ian

Ian Reid

Chief Operations Geologist

Bass Strait Oil Company Ltd

03 9614 0426

ian.reid@bassoil.com.au

---

## ANADRILL

## SCHLUMBERGER

## Survey report

12-Nov-2001 02:24:18 Page 1 of 3

Client.....: Bass Strait Oil Company

Field.....: Permit VIC/P42

Well.....: Melville-1

Spud

date.....:

API number.....:

Last survey

date.....: 12-Nov-01

Engineer.....: A. Abad / M. Saicic

Total accepted

surveys...: 52

MD of first

survey.....: 1432.10 m

COUNTY.....: Ocean Bounty

MD of last

survey.....: 3149.04 m

STATE.....: Victoria

----- Survey calculation methods-----

Geomagnetic data -----

Method for positions.....: Minimum curvature

Magnetic

model.....: BGGM version 2000

Method for DLS.....: Mason & Taylor

Magnetic

date.....: 24-Oct-2001

Magnetic field

strength..: 1206.71 HCNT

----- Depth reference -----

Magnetic

dec (+E/W-).....: 13.17 degrees

Permanent datum.....: GROUND LEVEL

Magnetic

dip.....: -69.20 degrees

Depth reference.....:

GL above permanent.....: -100.00 m

----- MWD

survey Reference Criteria -----

KB above permanent.....: 75.00 m Reference  
 G.....: 1000.07 mGal  
 DF above permanent.....: 25.00 m Reference  
 H.....: 1206.71 HCNT Reference  
 Dip.....: -69.20 degrees  
 ----- Vertical section origin----- Tolerance  
 of G.....: (+/-) 2.50 mGal  
 Latitude (+N/S-).....: 0.00 m Tolerance of  
 H.....: (+/-) 6.00 HCNT  
 Departure (+E/W-).....: 0.00 m Tolerance of  
 Dip.....: (+/-) 0.45 degrees

| Seq    | Measured | Incl   | Azimuth | Course | TVD     | Vertical | Displ  |
|--------|----------|--------|---------|--------|---------|----------|--------|
| Displ  | Total    | At     | DLS     | Srvy   | Tool    | section  | +N/S-  |
| #      | depth    | angle  | angle   | length | depth   |          |        |
| +E/W-  | displ    | Azim   | (deg/   | tool   | qual    |          |        |
| -      | (m)      | (deg)  | (deg)   | (m)    | (m)     | (m)      | (m)    |
| (m)    | (deg)    | 10m)   | type    | type   |         |          | (m)    |
| 1      | 1432.10  | 2.40   | 228.90  | 0.00   | 1432.00 | -2.80    | -2.80  |
| -1.60  | 3.22     | 209.74 | 0.00    | TIP    | -       |          |        |
| 2      | 1443.09  | 2.50   | 236.20  | 10.99  | 1442.98 | -3.08    | -3.08  |
| -1.97  | 3.66     | 212.60 | 0.30    | MWD    | 6-axis  |          |        |
| 3      | 1494.71  | 2.59   | 236.48  | 51.62  | 1494.55 | -4.35    | -4.35  |
| -3.88  | 5.83     | 221.70 | 0.02    | MWD    | 6-axis  |          |        |
| 4      | 1557.58  | 2.56   | 237.49  | 62.87  | 1557.36 | -5.89    | -5.89  |
| -6.25  | 8.59     | 226.67 | 0.01    | MWD    | 6-axis  |          |        |
| 5      | 1615.86  | 2.80   | 236.37  | 58.28  | 1615.57 | -7.38    | -7.38  |
| -8.53  | 11.28    | 229.13 | 0.04    | MWD    | 6-axis  |          |        |
| 6      | 1644.61  | 2.69   | 236.51  | 28.75  | 1644.29 | -8.14    | -8.14  |
| -9.68  | 12.65    | 229.93 | 0.04    | MWD    | 6-axis  |          |        |
| 7      | 1668.50  | 2.86   | 238.36  | 23.89  | 1668.15 | -8.77    | -8.77  |
| -10.65 | 13.80    | 230.56 | 0.08    | MWD    | 6-axis  |          |        |
| 8      | 1699.25  | 2.65   | 238.80  | 30.75  | 1698.87 | -9.54    | -9.54  |
| -11.92 | 15.26    | 231.33 | 0.07    | MWD    | 6-axis  |          |        |
| 9      | 1727.71  | 2.60   | 239.64  | 28.46  | 1727.30 | -10.20   | -10.20 |
| -13.03 | 16.55    | 231.95 | 0.02    | MWD    | 6-axis  |          |        |
| 10     | 1756.63  | 2.51   | 238.85  | 28.92  | 1756.19 | -10.86   | -10.86 |
| -14.14 | 17.83    | 232.48 | 0.03    | MWD    | 6-axis  |          |        |
| 11     | 1786.00  | 2.34   | 240.28  | 29.37  | 1785.53 | -11.49   | -11.49 |
| -15.21 | 19.07    | 232.93 | 0.06    | MWD    | 6-axis  |          |        |
| 12     | 1814.34  | 2.29   | 240.62  | 28.34  | 1813.85 | -12.06   | -12.06 |
| -16.21 | 20.20    | 233.36 | 0.02    | MWD    | 6-axis  |          |        |
| 13     | 1843.18  | 2.18   | 239.19  | 28.84  | 1842.67 | -12.62   | -12.62 |
| -17.18 | 21.32    | 233.70 | 0.04    | MWD    | 6-axis  |          |        |
| 14     | 1901.41  | 1.96   | 237.87  | 58.23  | 1900.86 | -13.72   | -13.72 |
| -18.98 | 23.42    | 234.14 | 0.04    | MWD    | 6-axis  |          |        |
| 15     | 1931.65  | 1.78   | 237.81  | 30.24  | 1931.08 | -14.24   | -14.24 |
| -19.81 | 24.40    | 234.29 | 0.06    | MWD    | 6-axis  |          |        |
| 16     | 1960.46  | 1.72   | 237.86  | 28.81  | 1959.88 | -14.71   | -14.71 |
| -20.56 | 25.28    | 234.41 | 0.02    | MWD    | 6-axis  |          |        |

|        |         |        |        |       |         |        |        |
|--------|---------|--------|--------|-------|---------|--------|--------|
| 17     | 1989.04 | 1.62   | 235.40 | 28.58 | 1988.45 | -15.17 | -15.17 |
| -21.25 | 26.11   | 234.49 | 0.04   | MWD   | 6-axis  |        |        |
| 18     | 2047.36 | 1.44   | 230.77 | 58.32 | 2046.74 | -16.10 | -16.10 |
| -22.50 | 27.67   | 234.41 | 0.04   | MWD   | 6-axis  |        |        |
| 19     | 2075.90 | 1.46   | 228.72 | 28.54 | 2075.28 | -16.57 | -16.57 |
| -23.05 | 28.39   | 234.30 | 0.02   | MWD   | 6-axis  |        |        |
| 20     | 2104.97 | 1.26   | 223.46 | 29.07 | 2104.34 | -17.04 | -17.04 |
| -23.55 | 29.07   | 234.11 | 0.08   | MWD   | 6-axis  |        |        |
| 21     | 2133.36 | 1.26   | 222.20 | 28.39 | 2132.72 | -17.50 | -17.50 |
| -23.97 | 29.68   | 233.87 | 0.01   | MWD   | 6-axis  |        |        |
| 22     | 2161.89 | 1.14   | 222.54 | 28.53 | 2161.24 | -17.94 | -17.94 |
| -24.38 | 30.27   | 233.64 | 0.04   | MWD   | 6-axis  |        |        |
| 23     | 2190.93 | 1.21   | 218.85 | 29.04 | 2190.28 | -18.39 | -18.39 |
| -24.76 | 30.85   | 233.40 | 0.04   | MWD   | 6-axis  |        |        |
| 24     | 2220.38 | 1.11   | 218.25 | 29.45 | 2219.72 | -18.86 | -18.86 |
| -25.13 | 31.42   | 233.12 | 0.03   | MWD   | 6-axis  |        |        |
| 25     | 2249.29 | 1.04   | 218.39 | 28.91 | 2248.63 | -19.29 | -19.29 |
| -25.47 | 31.95   | 232.87 | 0.02   | MWD   | 6-axis  |        |        |
| 26     | 2278.19 | 0.90   | 218.62 | 28.90 | 2277.52 | -19.67 | -19.67 |
| -25.78 | 32.42   | 232.65 | 0.05   | MWD   | 6-axis  |        |        |
| 27     | 2307.52 | 0.99   | 219.17 | 29.33 | 2306.85 | -20.04 | -20.04 |
| -26.08 | 32.89   | 232.45 | 0.03   | MWD   | 6-axis  |        |        |
| 28     | 2336.95 | 1.01   | 219.68 | 29.43 | 2336.27 | -20.44 | -20.44 |
| -26.41 | 33.39   | 232.26 | 0.01   | MWD   | 6-axis  |        |        |
| 29     | 2365.20 | 0.95   | 216.00 | 28.25 | 2364.52 | -20.82 | -20.82 |
| -26.70 | 33.86   | 232.05 | 0.03   | MWD   | 6-axis  |        |        |
| 30     | 2394.92 | 1.02   | 211.37 | 29.72 | 2394.24 | -21.25 | -21.25 |
| -26.98 | 34.35   | 231.78 | 0.04   | MWD   | 6-axis  |        |        |

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 ANADRILL SCHLUMBERGER Survey Report  
 Page 3 of 3

12-Nov-2001 02:24:18

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=== =====
=====
Seq Measured Incl Azimuth Course TVD Vertical Displ
Displ Total At DLS Srvy Tool
# depth angle angle length depth section +N/S-
+E/W- displ Azim (deg/ tool qual
- (m) (deg) (deg) (m) (m) (m) (m) (m)
(m) (deg) 10m) type type
=====

```

|        |         |        |        |       |         |        |        |
|--------|---------|--------|--------|-------|---------|--------|--------|
| 31     | 2422.33 | 1.09   | 213.07 | 27.41 | 2421.64 | -21.67 | -21.67 |
| -27.25 | 34.82   | 231.51 | 0.03   | MWD   | 6-axis  |        |        |
| 32     | 2480.97 | 1.04   | 210.77 | 58.64 | 2480.27 | -22.60 | -22.60 |
| -27.83 | 35.85   | 230.92 | 0.01   | MWD   | 6-axis  |        |        |
| 33     | 2538.48 | 1.07   | 207.79 | 57.51 | 2537.77 | -23.52 | -23.52 |
| -28.35 | 36.84   | 230.31 | 0.01   | MWD   | 6-axis  |        |        |
| 34     | 2558.35 | 1.06   | 210.59 | 19.87 | 2557.64 | -23.84 | -23.84 |
| -28.53 | 37.18   | 230.11 | 0.03   | MWD   | 6-axis  |        |        |
| 35     | 2590.86 | 1.13   | 214.63 | 32.50 | 2590.13 | -24.37 | -24.37 |
| -28.86 | 37.77   | 229.83 | 0.03   | MWD   | 6-axis  |        |        |

|        |         |        |        |       |         |        |        |
|--------|---------|--------|--------|-------|---------|--------|--------|
| 36     | 2648.71 | 1.10   | 221.39 | 57.86 | 2647.98 | -25.25 | -25.25 |
| -29.55 | 38.87   | 229.49 | 0.02   | MWD   | 6-axis  |        |        |
| 37     | 2677.84 | 1.17   | 224.01 | 29.13 | 2677.10 | -25.68 | -25.68 |
| -29.95 | 39.45   | 229.39 | 0.03   | MWD   | 6-axis  |        |        |
| 38     | 2743.69 | 1.35   | 230.93 | 65.85 | 2742.94 | -26.65 | -26.65 |
| -31.02 | 40.89   | 229.33 | 0.04   | MWD   | 6-axis  |        |        |
| 39     | 2772.78 | 1.31   | 229.00 | 29.09 | 2772.02 | -27.08 | -27.08 |
| -31.53 | 41.57   | 229.34 | 0.02   | MWD   | 6-axis  |        |        |
| 40     | 2801.94 | 1.34   | 230.09 | 29.16 | 2801.17 | -27.52 | -27.52 |
| -32.05 | 42.24   | 229.34 | 0.01   | MWD   | 6-axis  |        |        |
| 41     | 2830.87 | 1.60   | 226.88 | 28.93 | 2830.09 | -28.01 | -28.01 |
| -32.60 | 42.98   | 229.33 | 0.09   | MWD   | 6-axis  |        |        |
| 42     | 2862.03 | 1.75   | 228.47 | 31.16 | 2861.24 | -28.63 | -28.63 |
| -33.27 | 43.89   | 229.29 | 0.05   | MWD   | 6-axis  |        |        |
| 43     | 2889.90 | 2.04   | 226.84 | 27.87 | 2889.10 | -29.25 | -29.25 |
| -33.95 | 44.81   | 229.26 | 0.11   | MWD   | 6-axis  |        |        |
| 44     | 2919.06 | 2.08   | 227.19 | 29.16 | 2918.24 | -29.96 | -29.96 |
| -34.72 | 45.86   | 229.21 | 0.01   | MWD   | 6-axis  |        |        |
| 45     | 2948.01 | 1.81   | 221.56 | 28.95 | 2947.17 | -30.66 | -30.66 |
| -35.41 | 46.84   | 229.11 | 0.11   | MWD   | 6-axis  |        |        |
| 46     | 2977.28 | 1.63   | 219.95 | 29.27 | 2976.43 | -31.33 | -31.33 |
| -35.98 | 47.71   | 228.96 | 0.06   | MWD   | 6-axis  |        |        |
| 47     | 3005.24 | 1.51   | 212.47 | 27.96 | 3004.38 | -31.94 | -31.94 |
| -36.44 | 48.46   | 228.76 | 0.08   | MWD   | 6-axis  |        |        |
| 48     | 3033.85 | 1.32   | 208.32 | 28.61 | 3032.98 | -32.55 | -32.55 |
| -36.80 | 49.13   | 228.50 | 0.08   | MWD   | 6-axis  |        |        |
| 49     | 3063.37 | 0.92   | 208.53 | 29.52 | 3062.49 | -33.06 | -33.06 |
| -37.07 | 49.67   | 228.27 | 0.14   | MWD   | 6-axis  |        |        |
| 50     | 3086.82 | 0.89   | 200.42 | 23.45 | 3085.94 | -33.39 | -33.39 |
| -37.22 | 50.01   | 228.10 | 0.06   | MWD   | 6-axis  |        |        |
| 51     | 3119.68 | 0.65   | 170.45 | 32.86 | 3118.80 | -33.82 | -33.82 |
| -37.28 | 50.33   | 227.79 | 0.14   | MWD   | 6-axis  |        |        |
| 52     | 3149.04 | 1.19   | 129.46 | 29.36 | 3148.15 | -34.18 | -34.18 |
| -37.02 | 50.38   | 227.29 | 0.28   | MWD   | 6-axis  |        |        |

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- Melville-1(MWD\_realtime\_1-200\_GR\_ARC\_2700-3190m).pdf



- Melville-1\_drillog\_1-2500\_2900-3152m.pdf



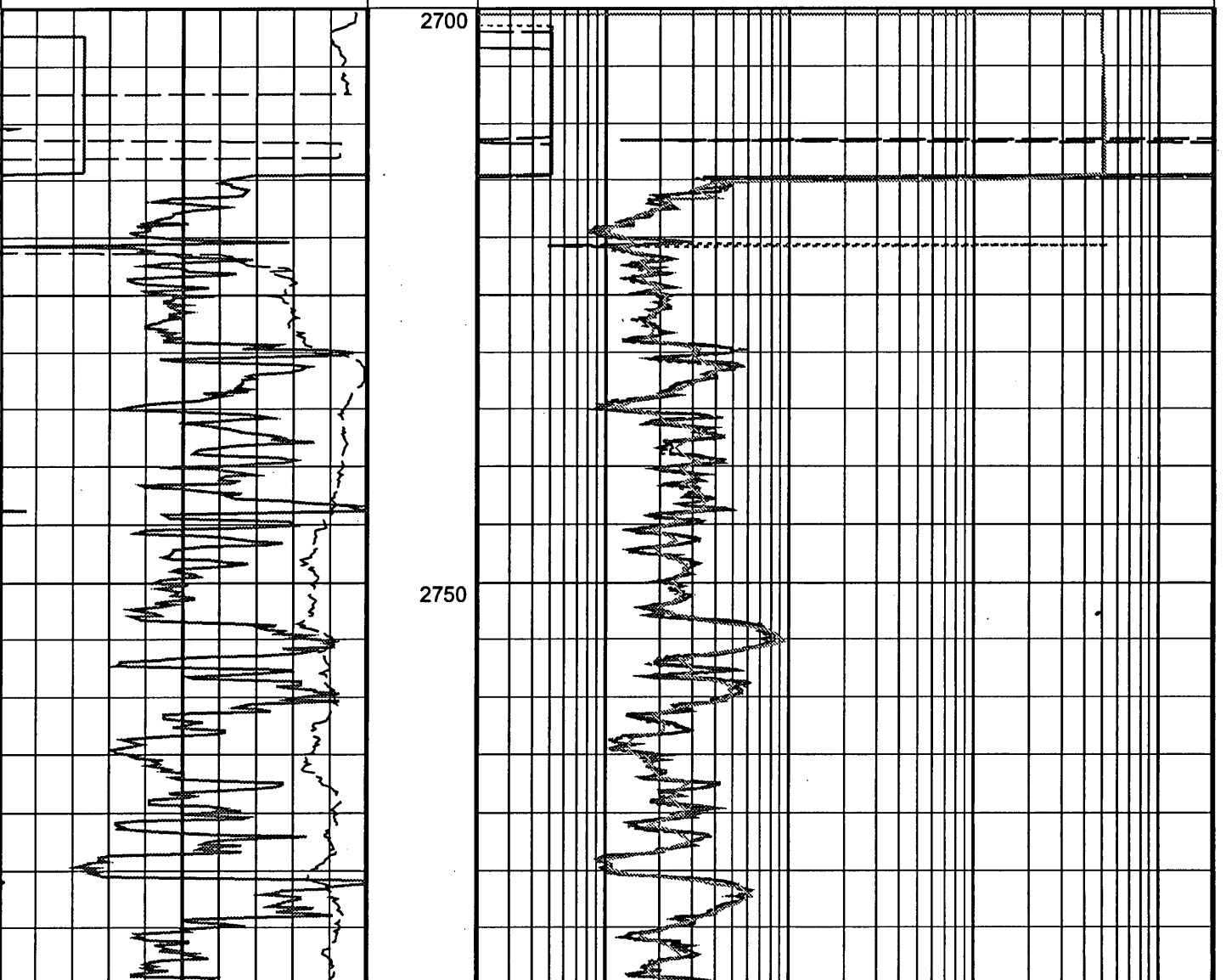
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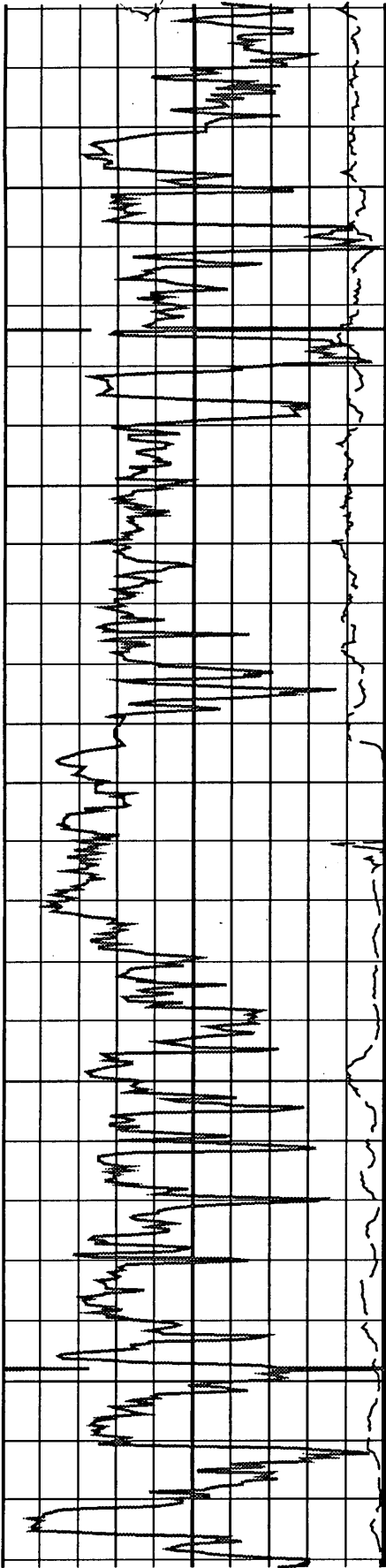
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|   | <u>ARC5 Attenuation Resistivity 40-in. at 2 MHz, Real-Time (A40H_R)</u> | 0.2 | (OHMM) | 2000 |
|   | <u>ARC5 Phase-Shift Resistivity 40-in. at 2 MHz, Real-Time (P40H_R)</u> | 0.2 | (OHMM) | 2000 |
| <u>ARC Gamma Ray, Real-Time (ARC_GR_RT)</u> | <u>ARC5 Phase-Shift Resistivity 28-in. at 2 MHz, Real-Time (P28H_R)</u> | 0.2 | (OHMM) | 2000 |
| 0 (GAPI) 200                                | <u>ARC5 Phase-Shift Resistivity 16-in. at 2 MHz, Real-Time (P16H_R)</u> | 0.2 | (OHMM) | 2000 |
| <u>ROP*5 (ROP5)</u>                         |   |     |        |      |
| 200 (M/HR) 0                                |   |     |        |      |



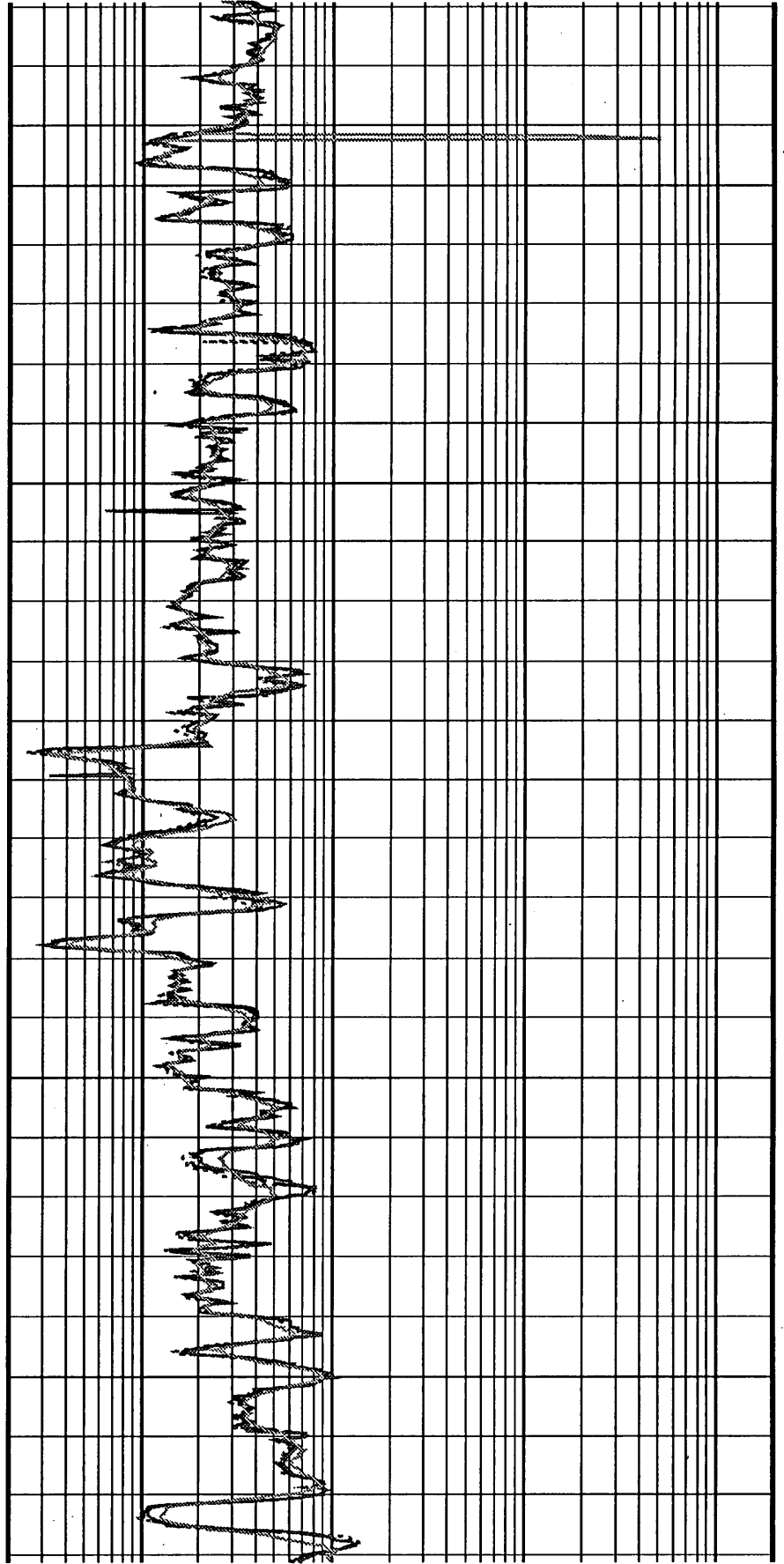


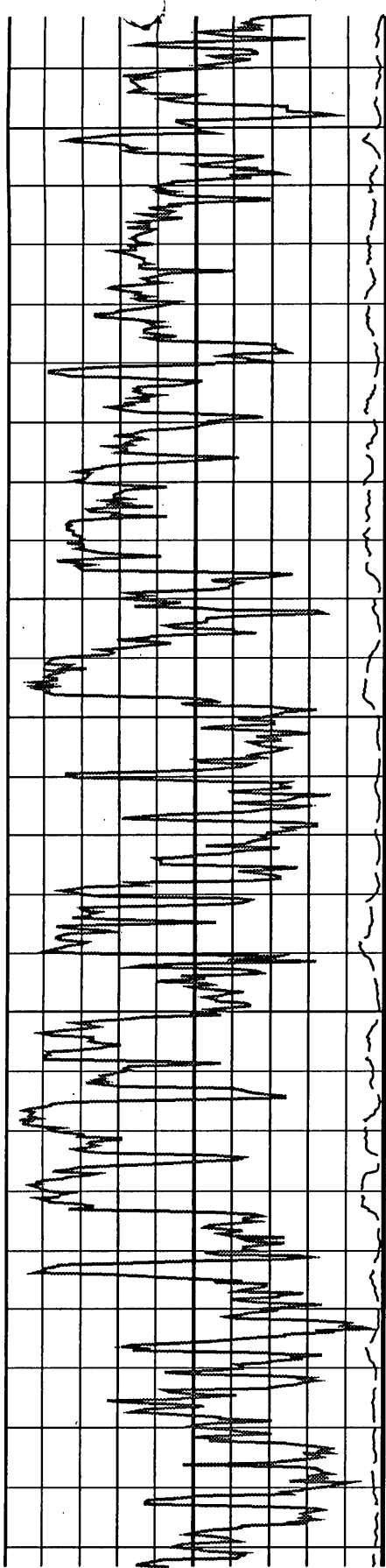


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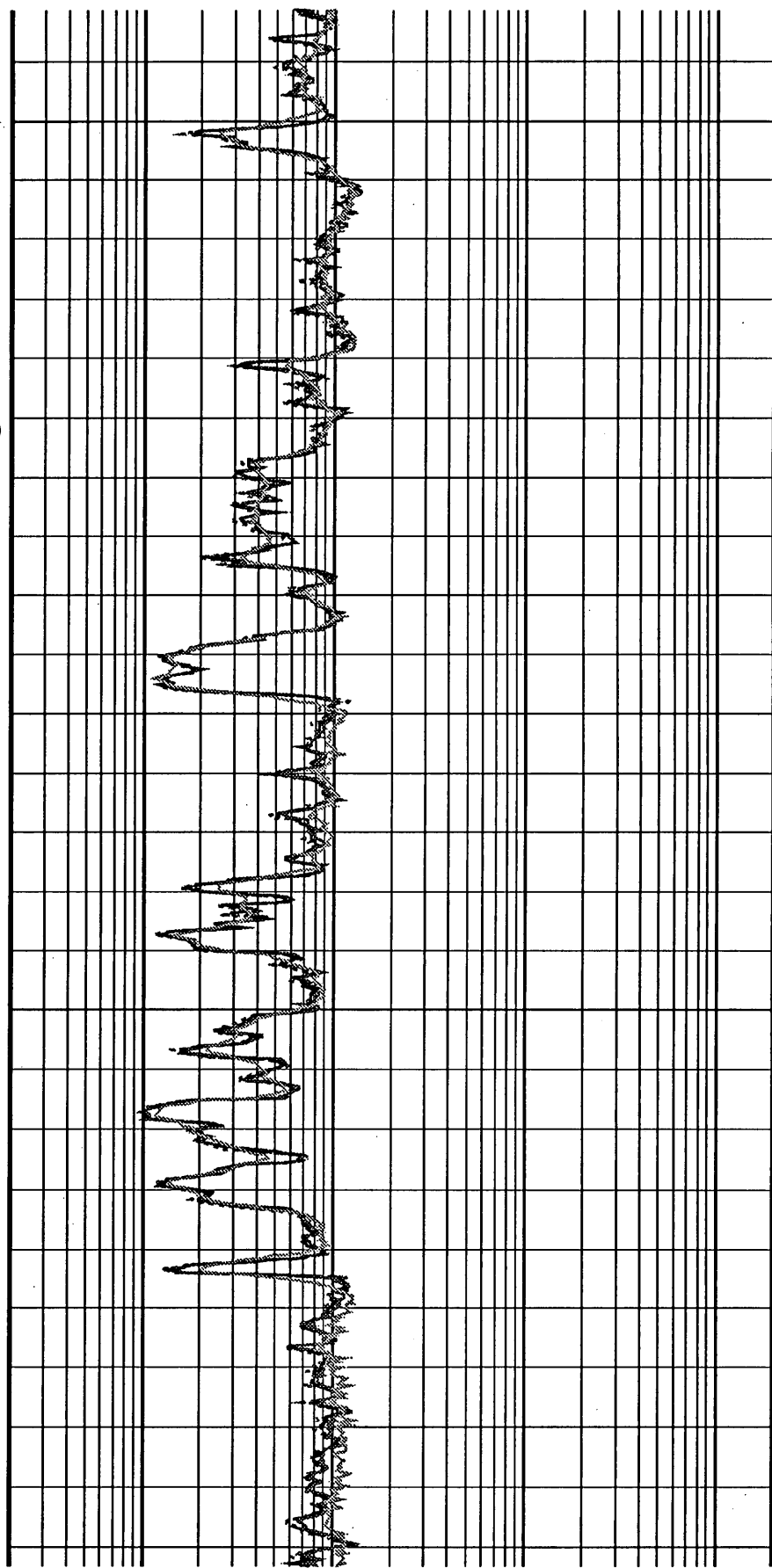
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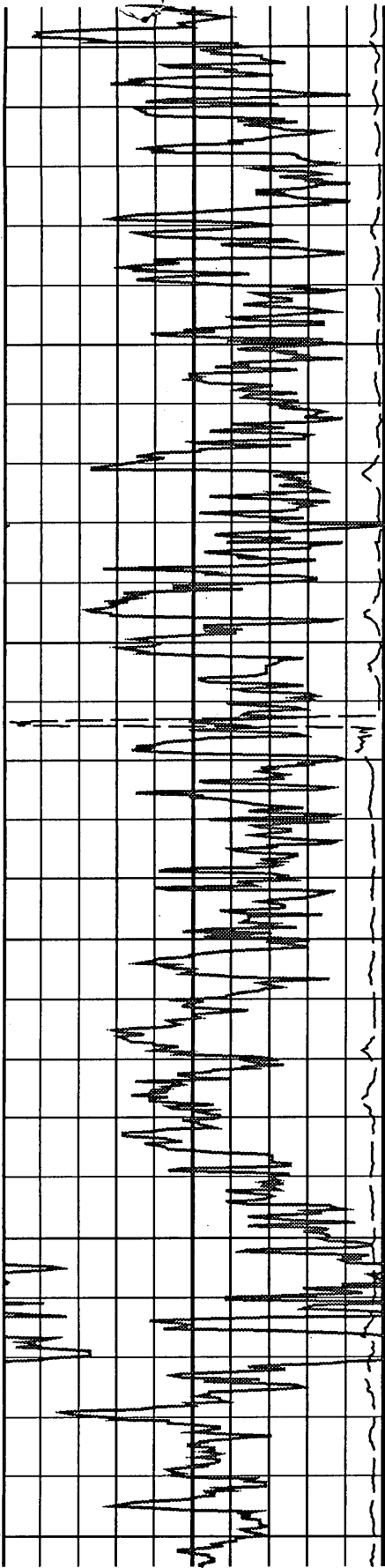




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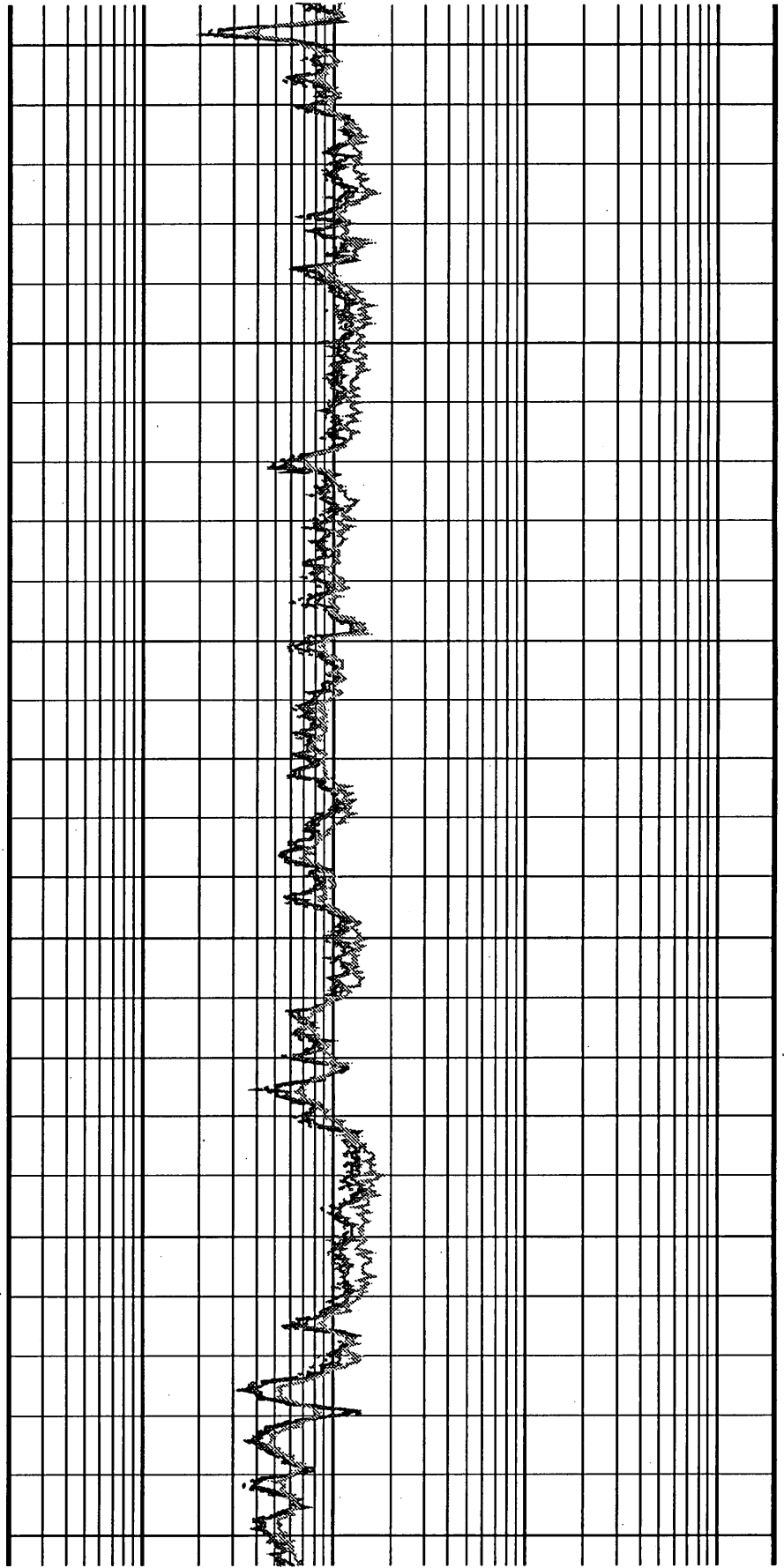






3050

3100

3150



|   |   |
|---|---|
|  |           |
| <p>ROP*5 (ROP5)<br/>200 (M/HR) 0</p>  | <p>ARC5 Phase-Shift Resistivity 16-in. at 2 MHz, Real-Time (P16H_R)<br/>0.2 (OHMM) 2000</p> |
| <p>ARC Gamma Ray, Real-Time (ARC_GR_RT)<br/>0 (GAPI) 200</p>                      | <p>ARC5 Phase-Shift Resistivity 28-in. at 2 MHz, Real-Time (P28H_R)<br/>0.2 (OHMM) 2000</p> |
|   | <p>ARC5 Phase-Shift Resistivity 40-in. at 2 MHz, Real-Time (P40H_R)<br/>0.2 (OHMM) 2000</p> |
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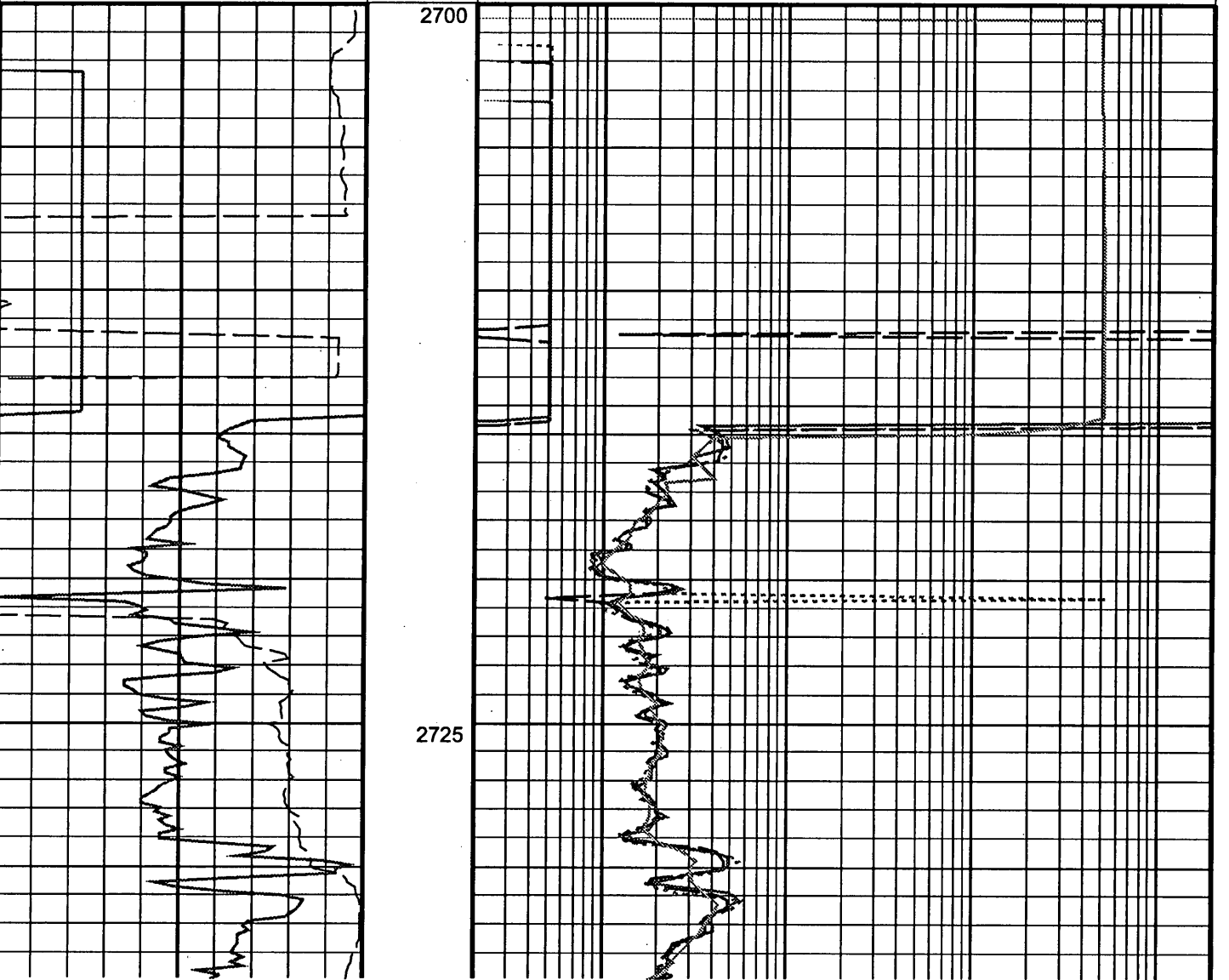
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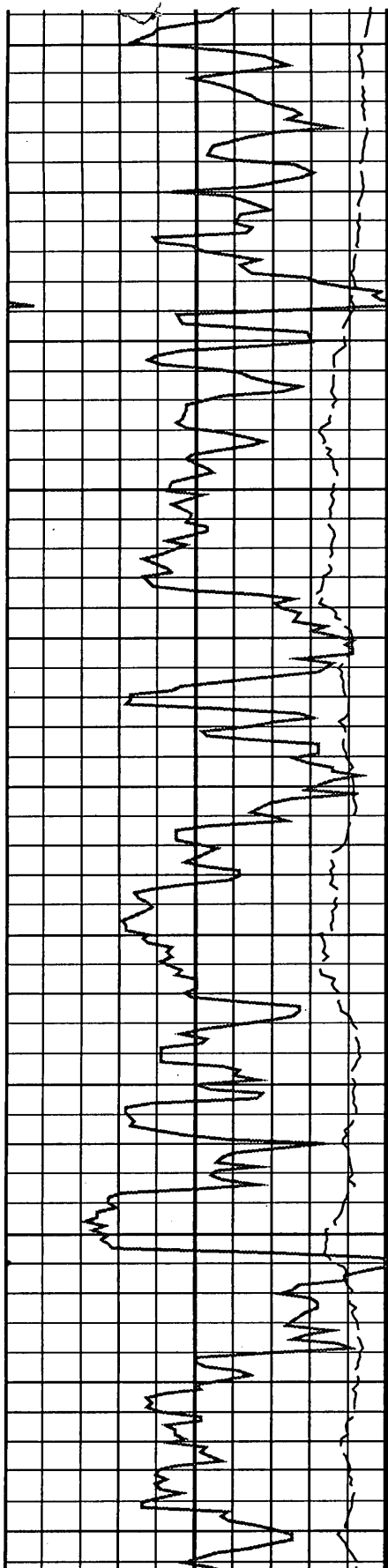
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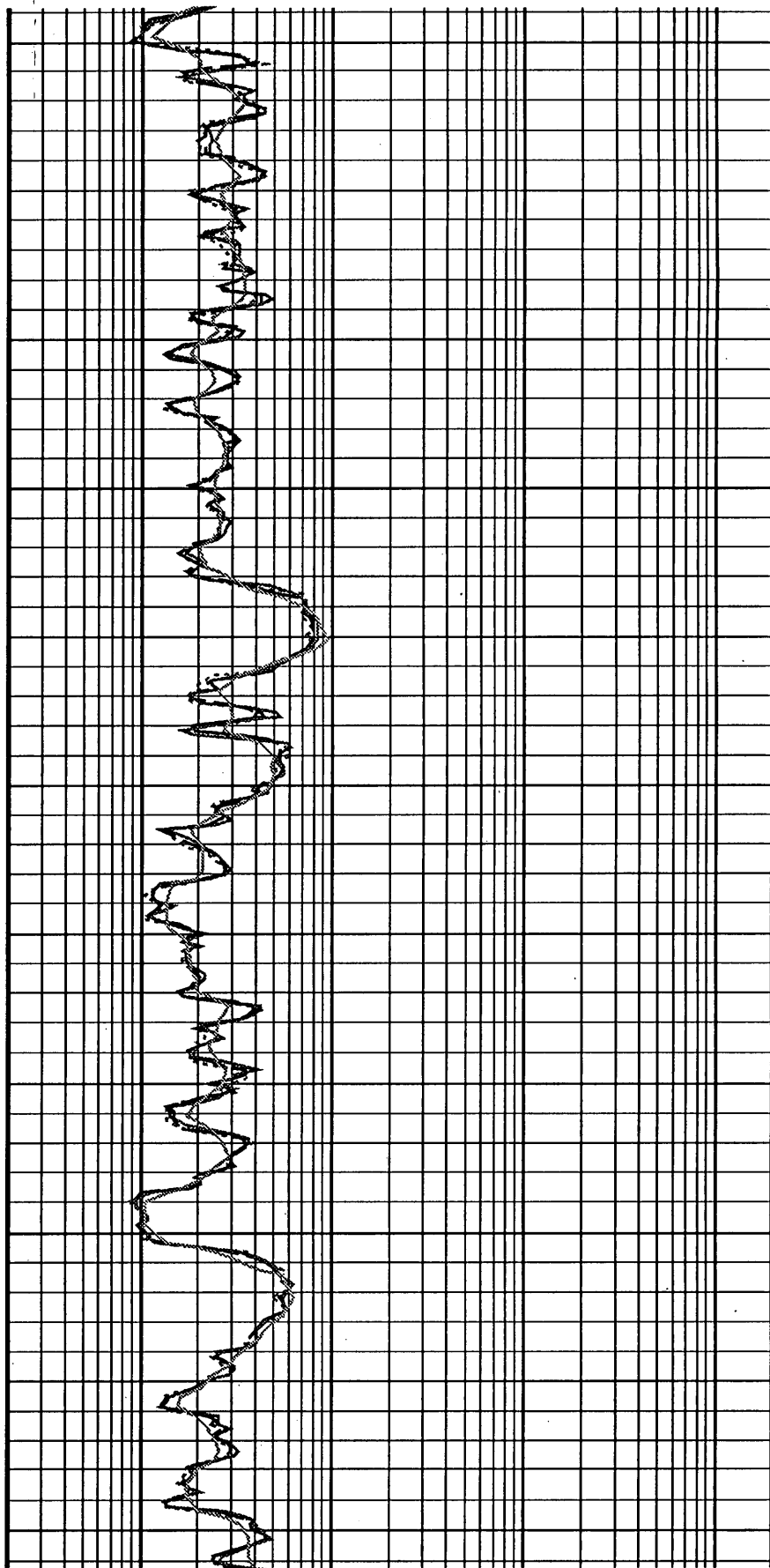
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|     |  | <b>ARC5 Attenuation Resistivity 40-in. at 2 MHz, Real-Time (A40H_R)</b> |      |
| 0.2 |  | (OHMM)  | 2000 |
|     |  | <b>ARC5 Phase-Shift Resistivity 40-in. at 2 MHz, Real-Time (P40H_R)</b> |      |
| 0.2 |  | (OHMM)  | 2000 |
|     |  | <b>ARC5 Phase-Shift Resistivity 28-in. at 2 MHz, Real-Time (P28H_R)</b> |      |
| 0.2 |  | (OHMM)  | 2000 |
|     |  | <b>ARC5 Phase-Shift Resistivity 16-in. at 2 MHz, Real-Time (P16H_R)</b> |      |
| 0.2 |  | (OHMM)  | 2000 |

|   |        |     |
|---|--------|-----|
| <b>ARC Gamma Ray, Real-Time (ARC_GR_RT)</b> |        |     |
| 0   | (GAPI) | 200 |
| <b>ROP*5 (ROP5)</b>                         |        |     |
| 200   | (M/HR) | 0   |

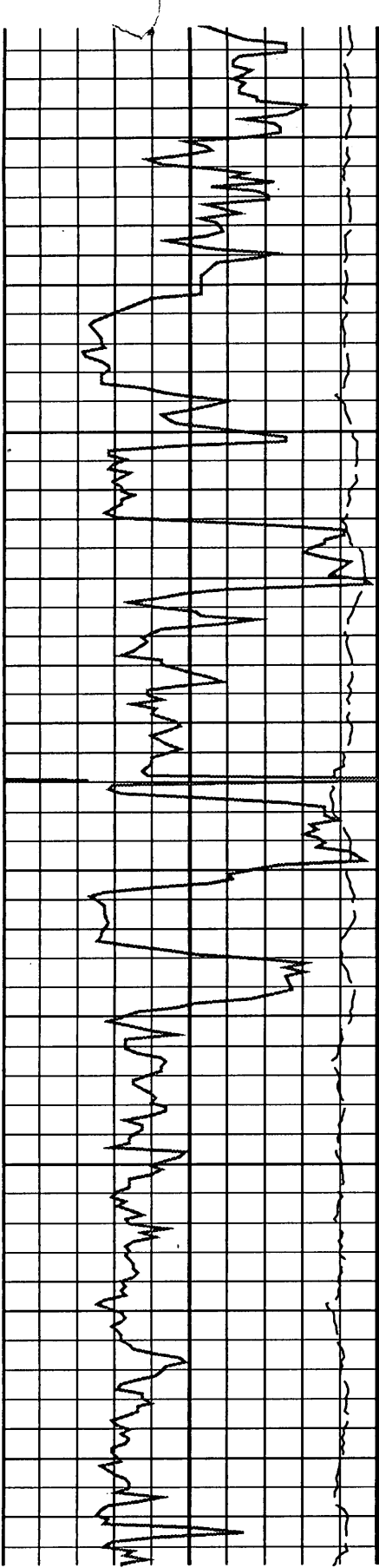




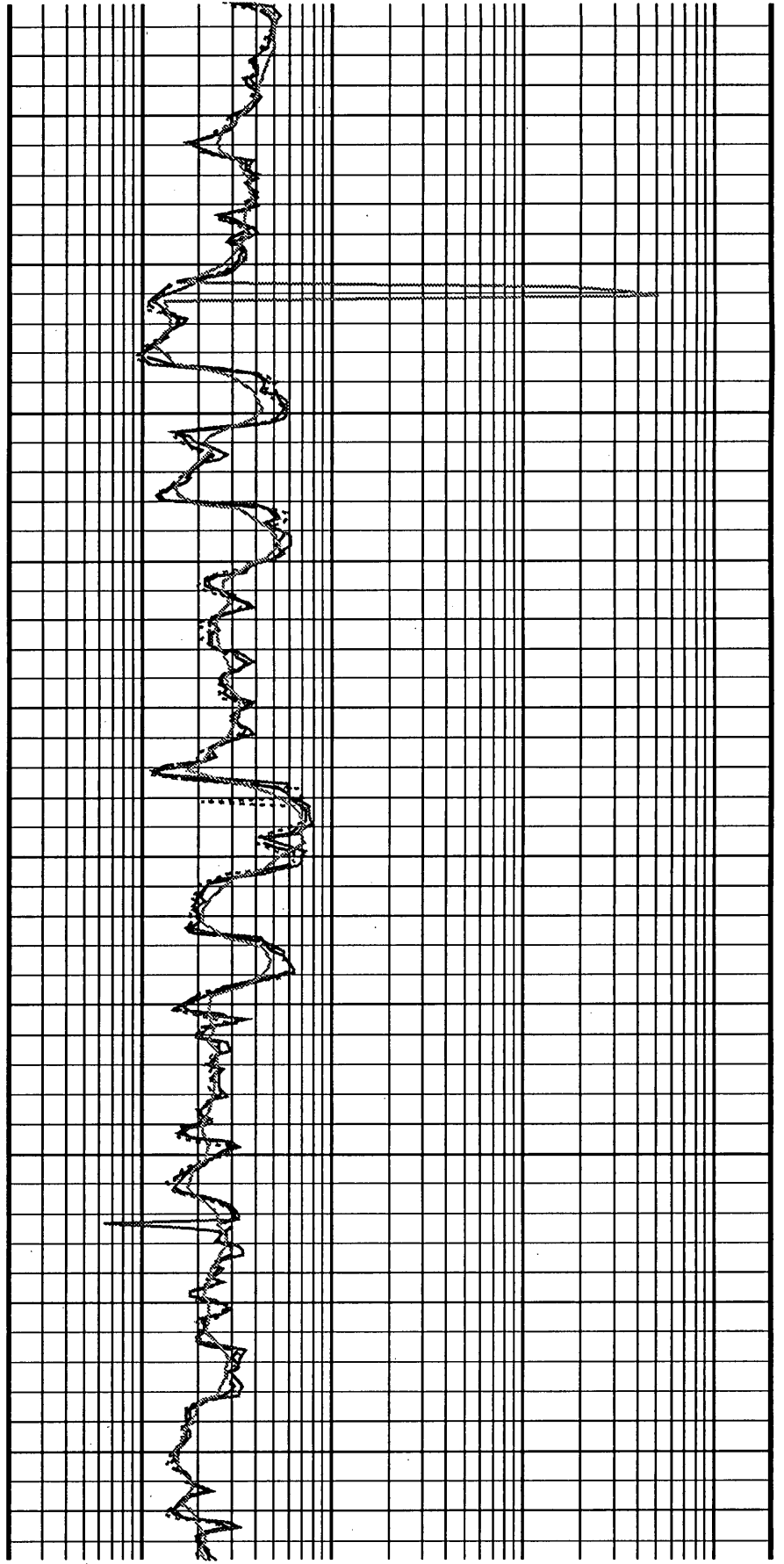
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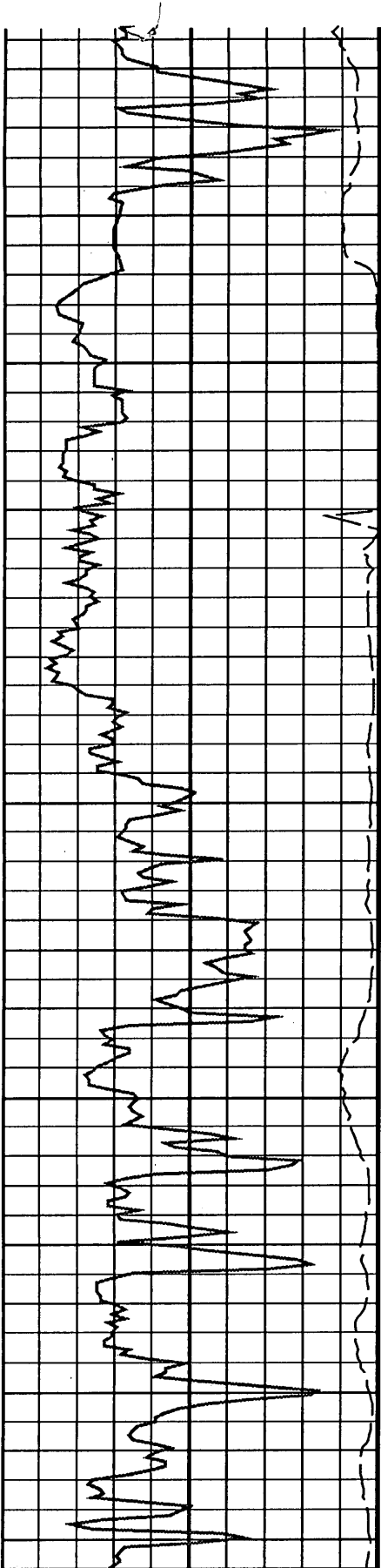
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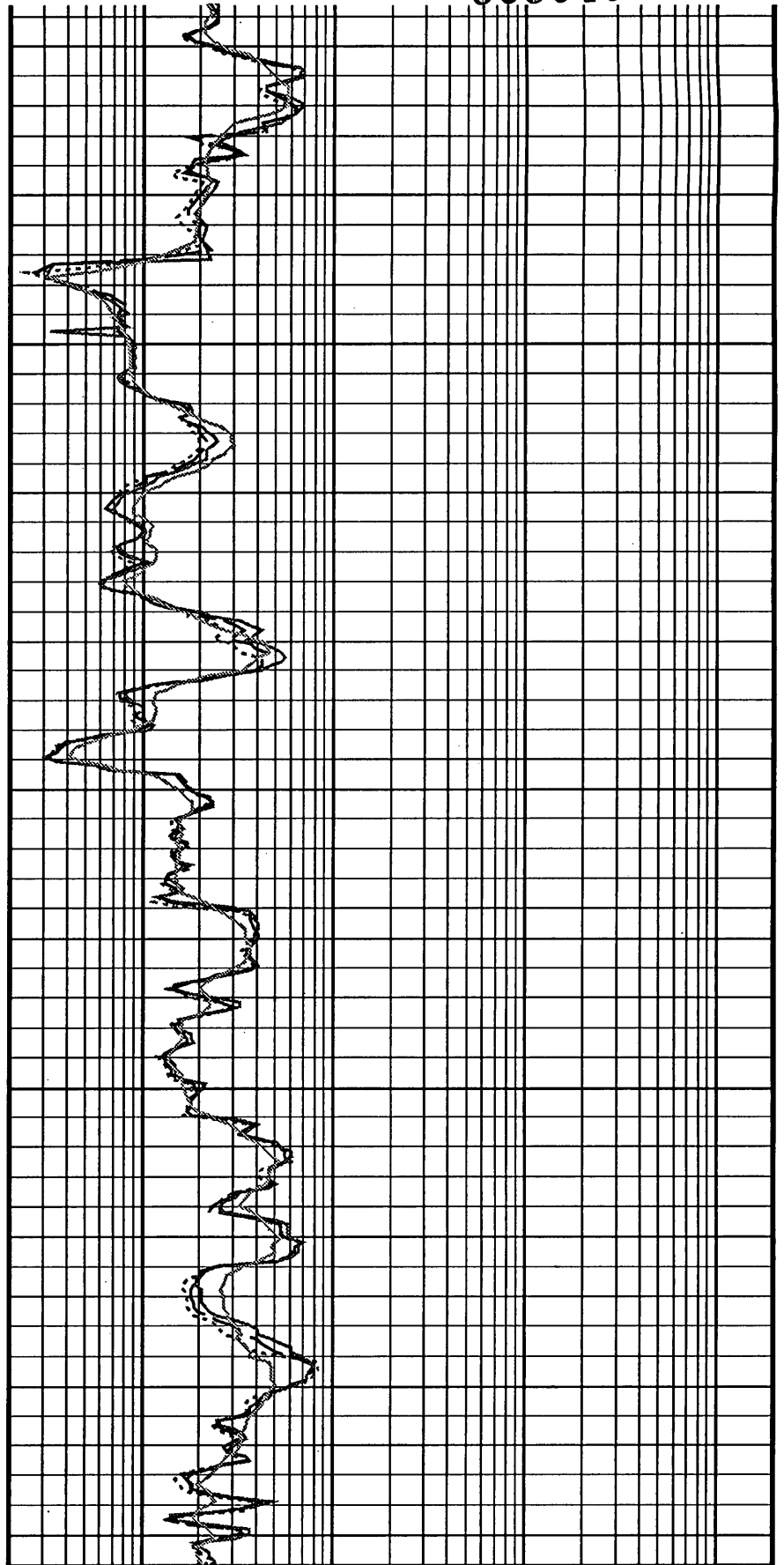


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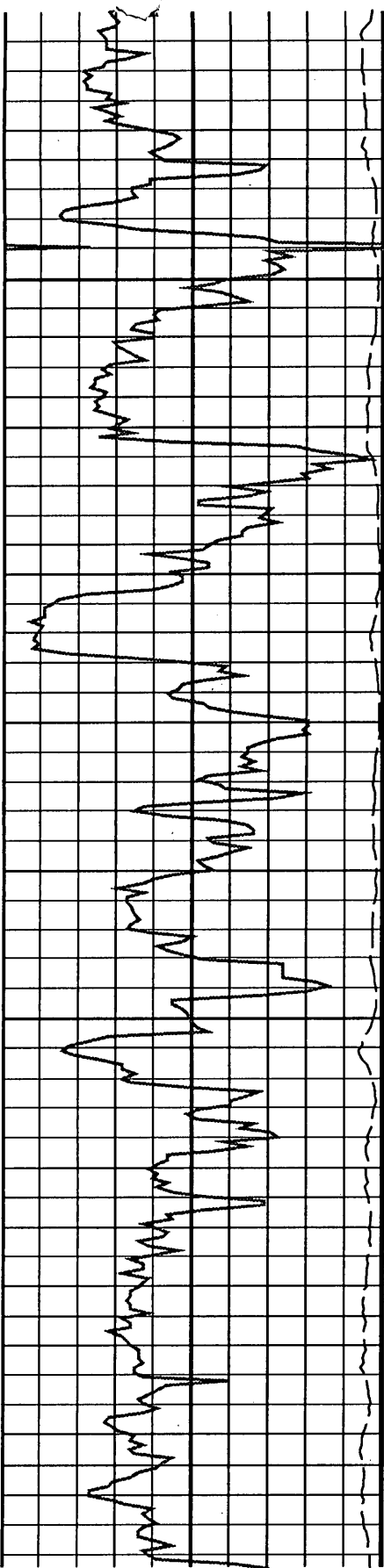


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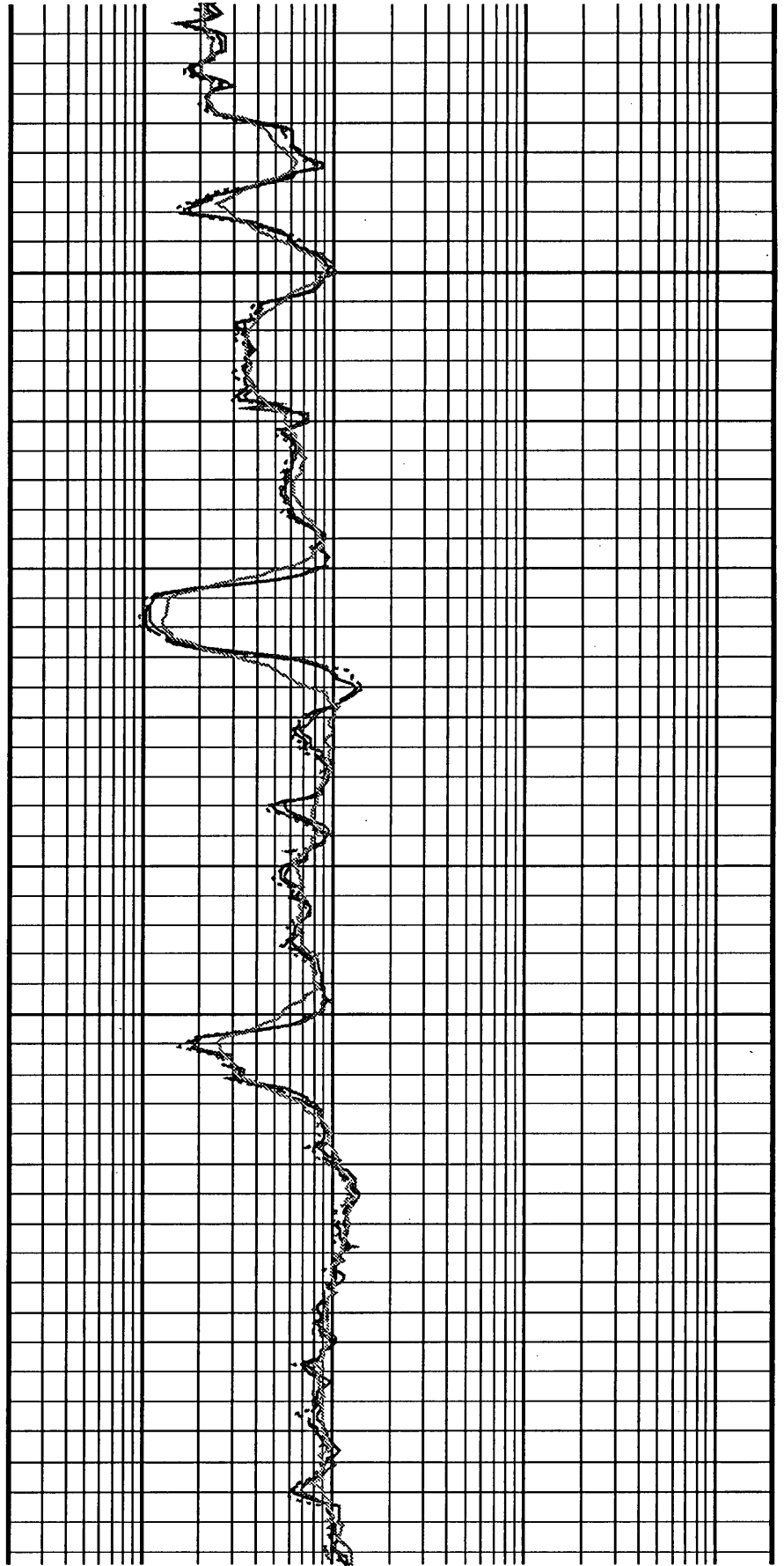


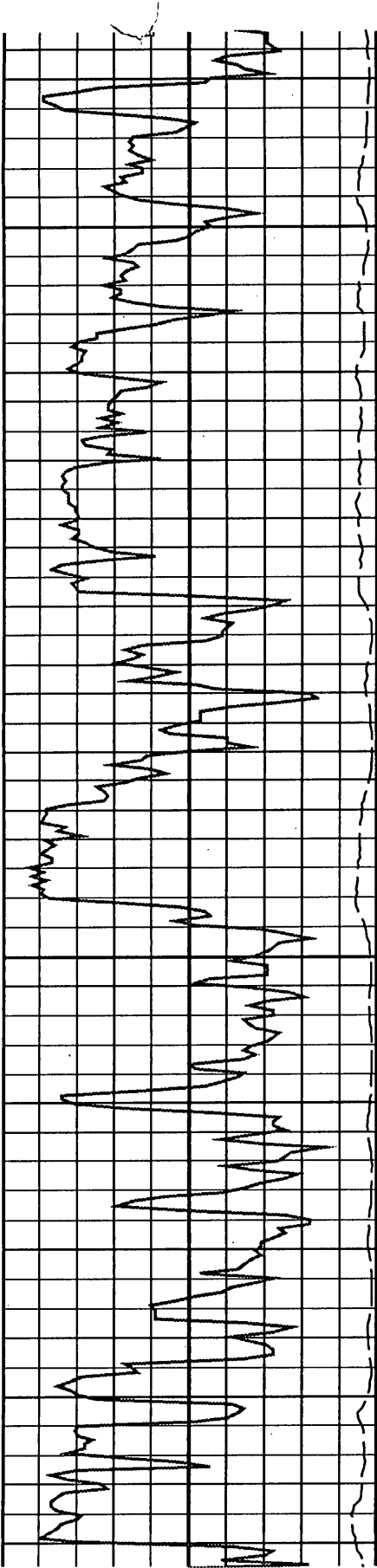




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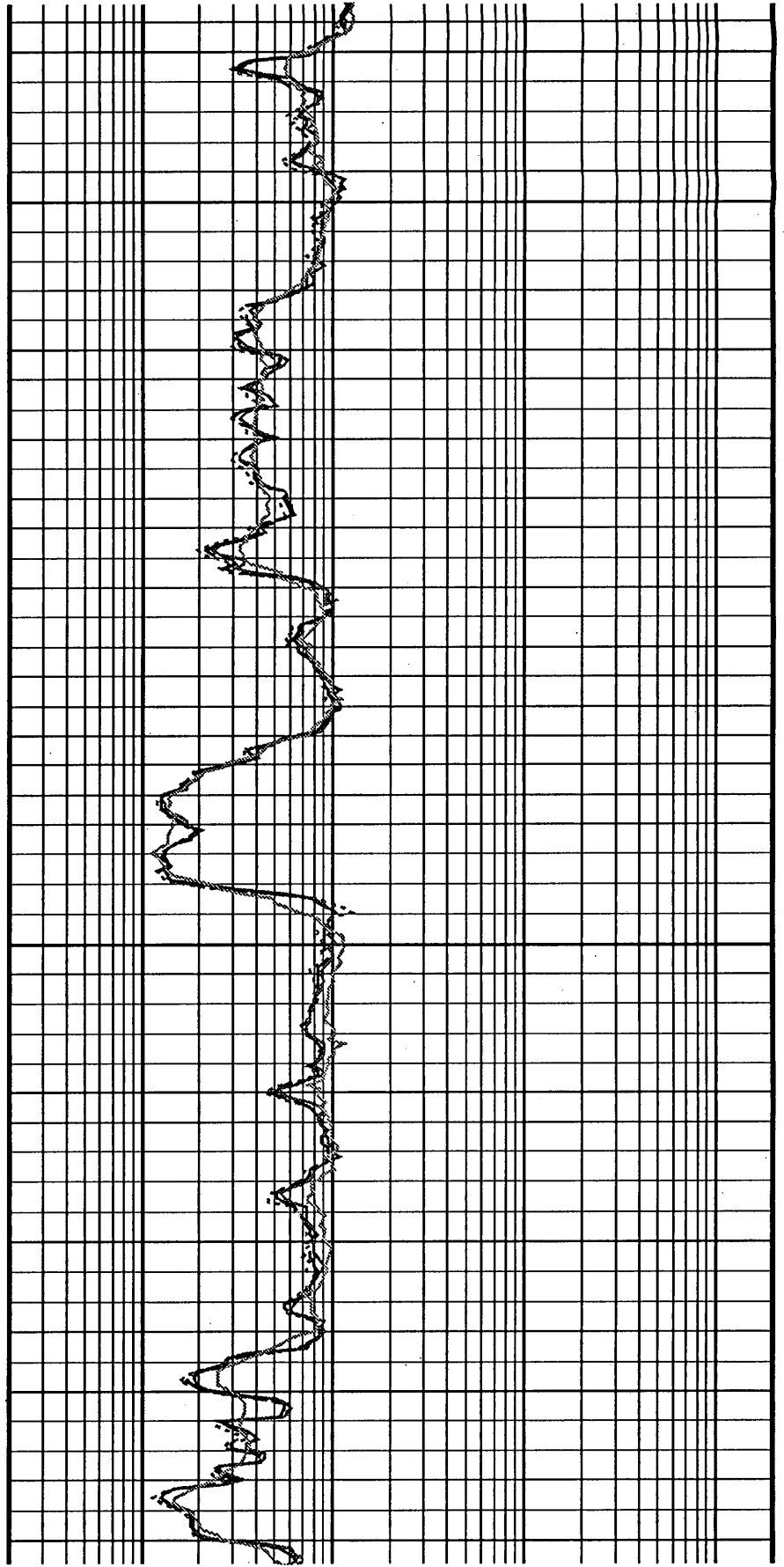
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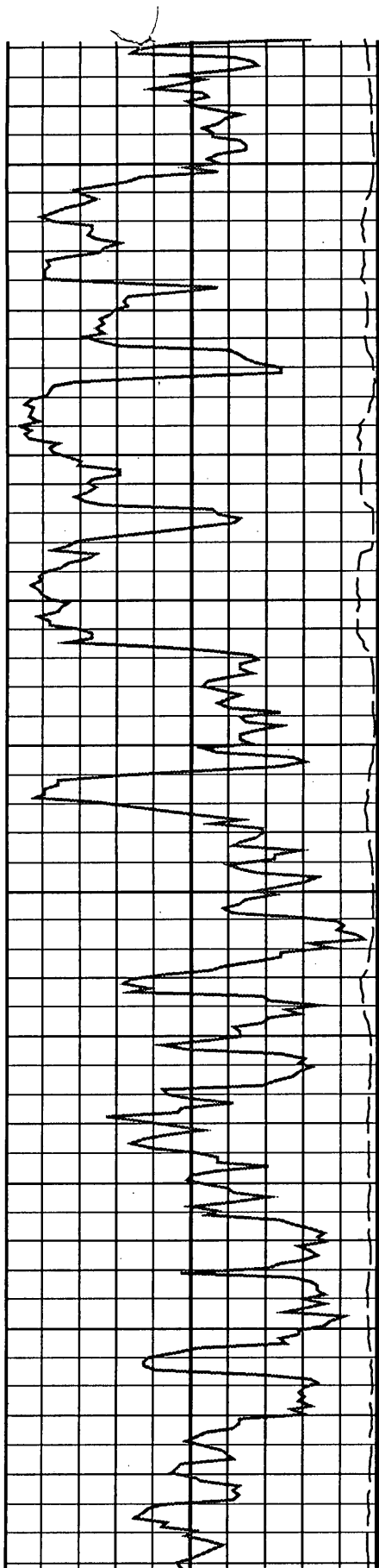




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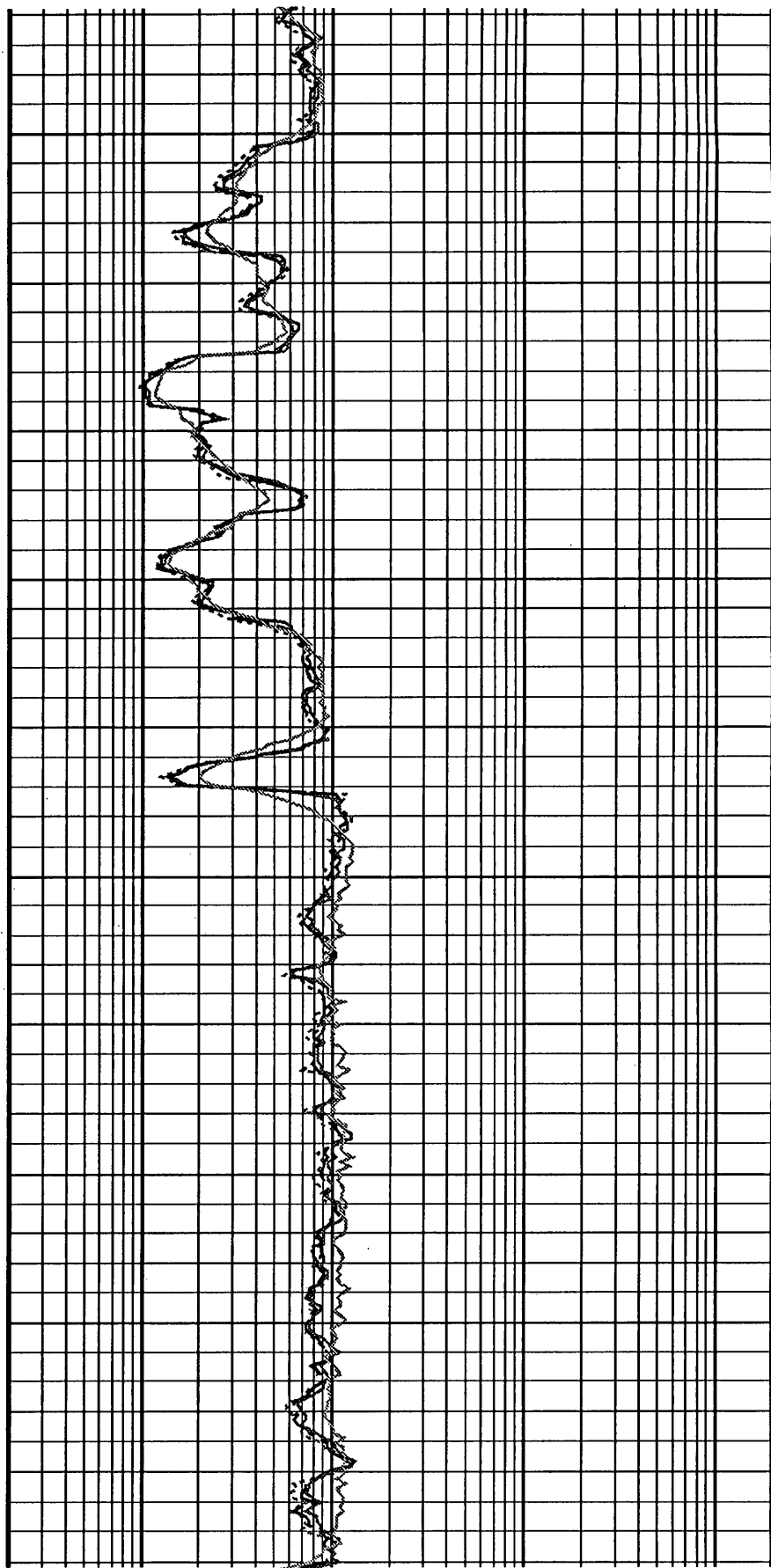
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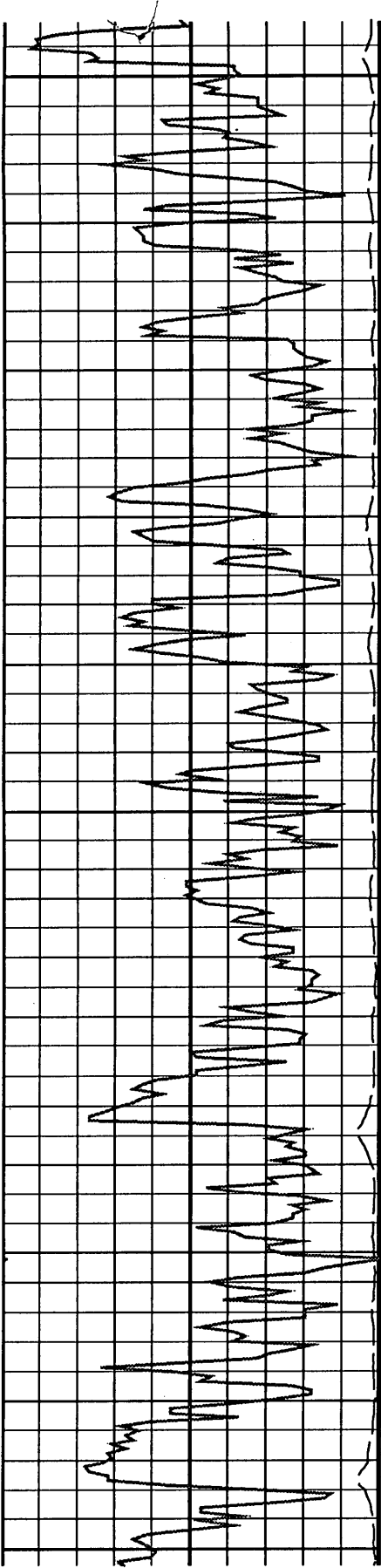




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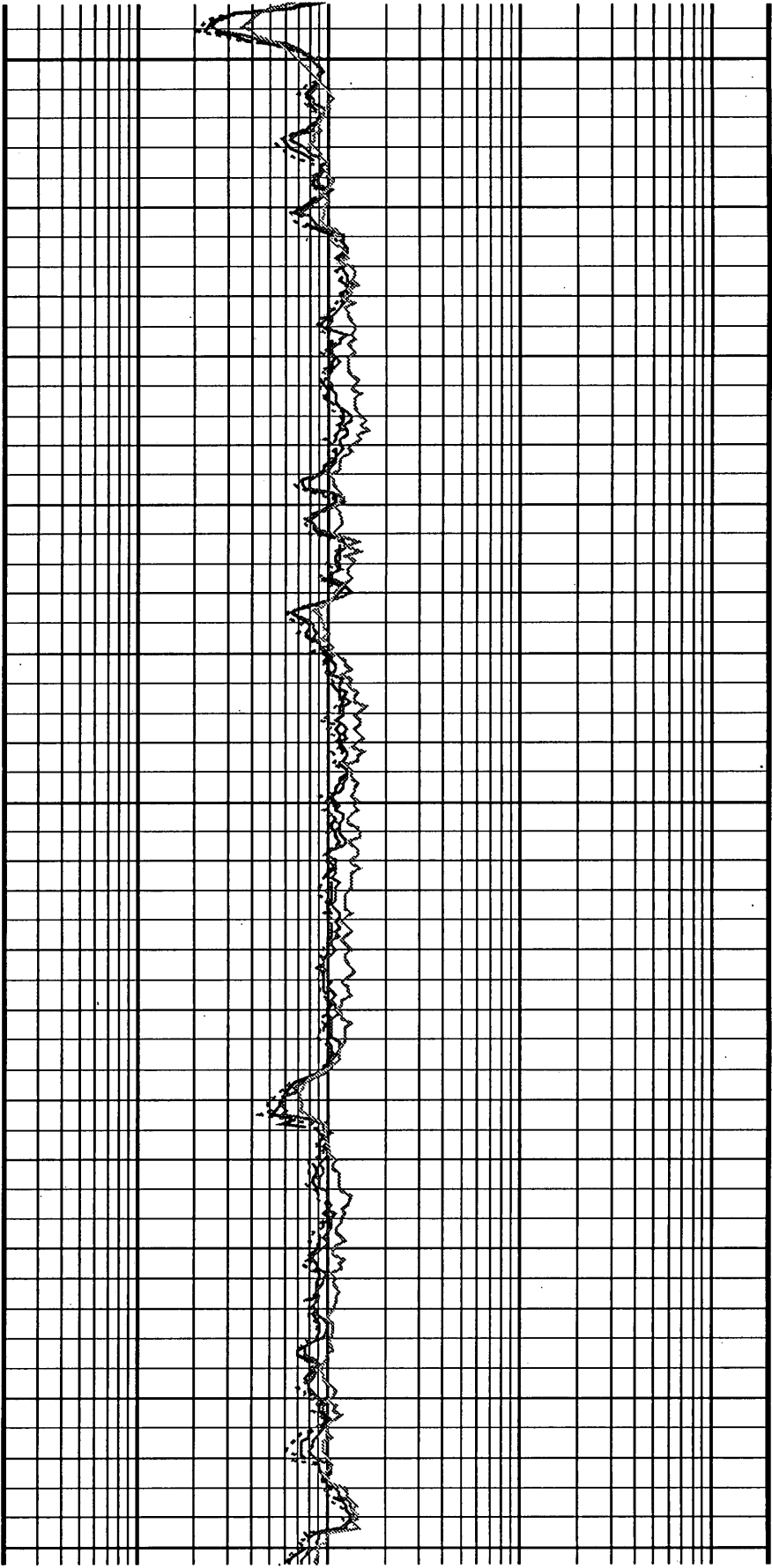


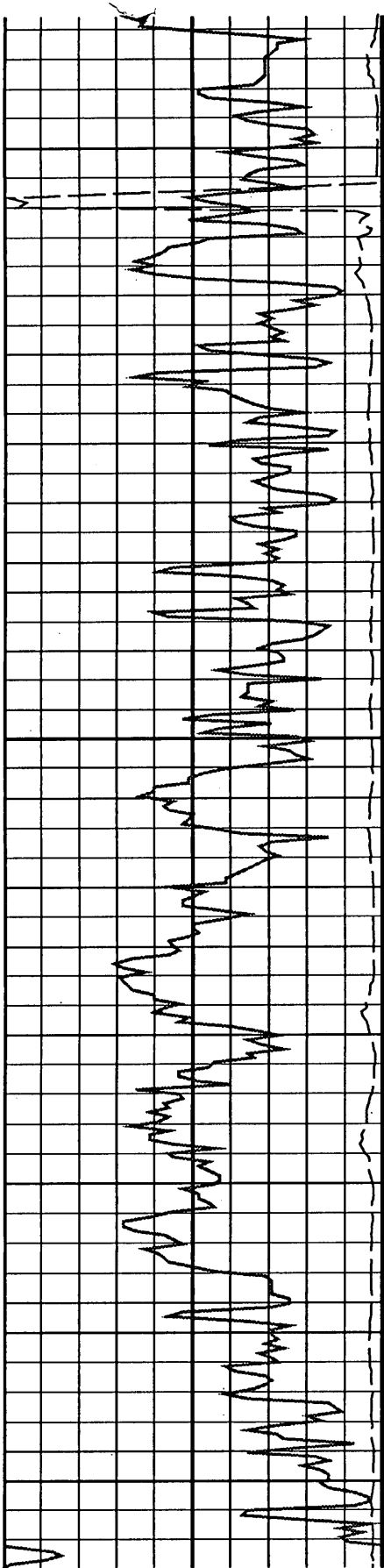


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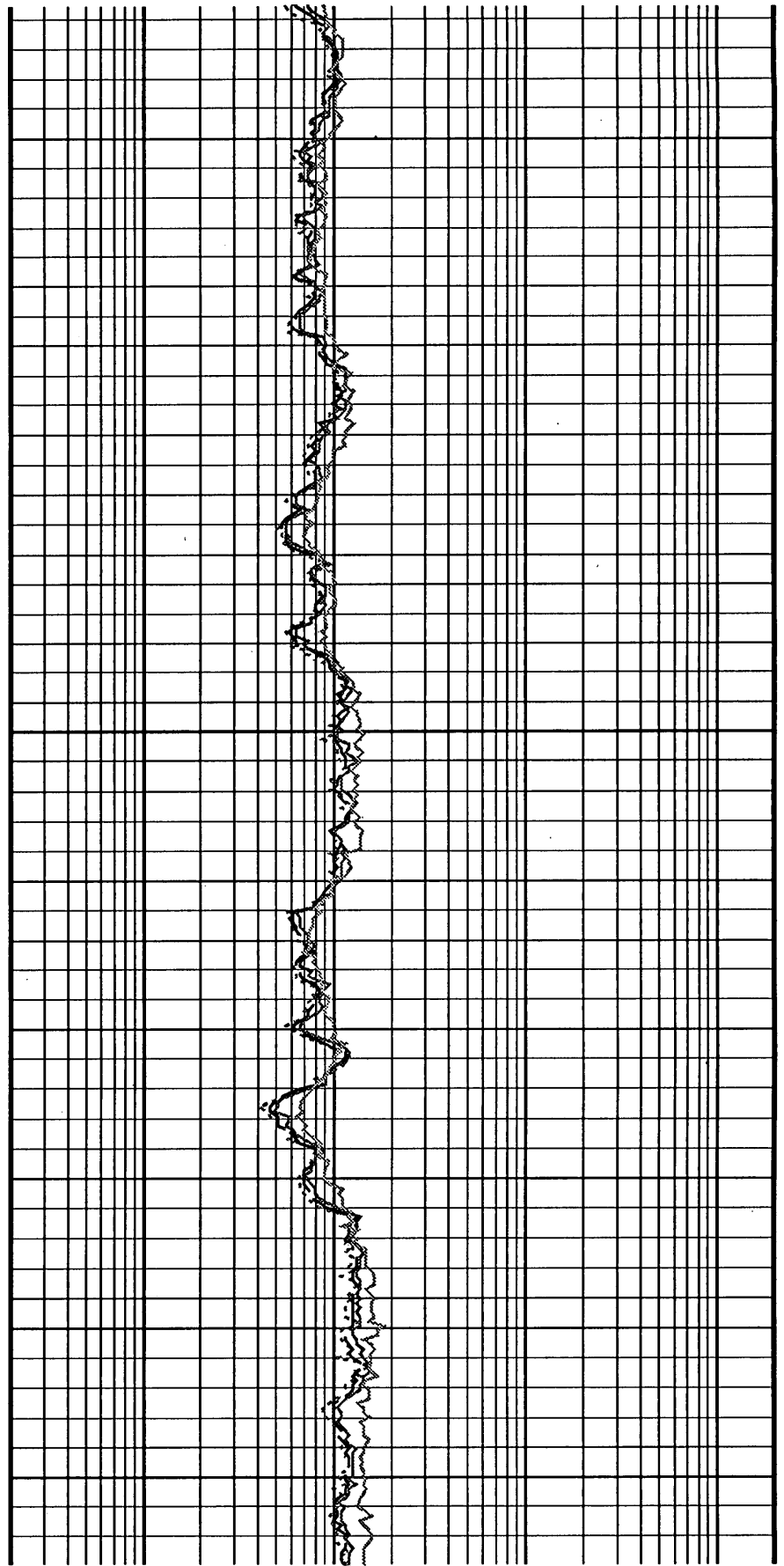


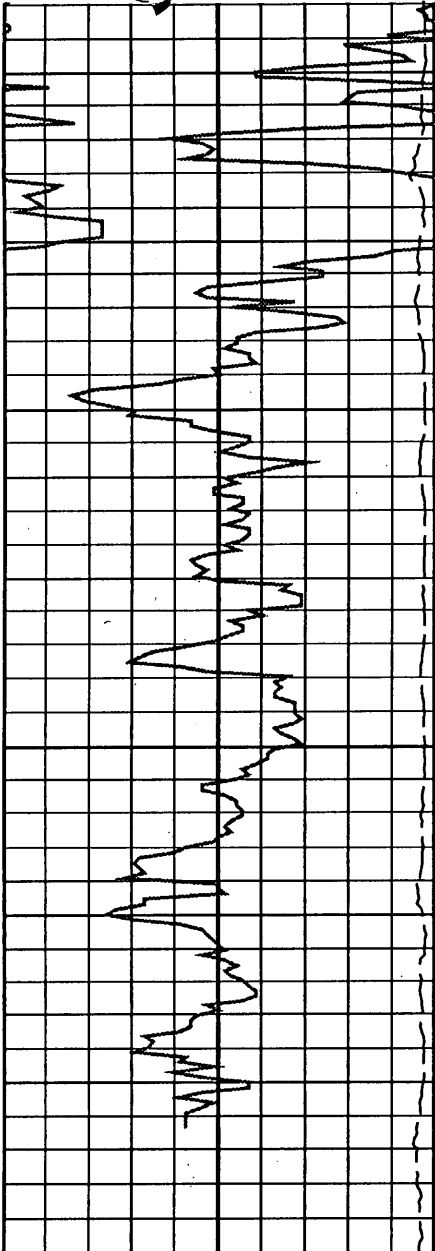


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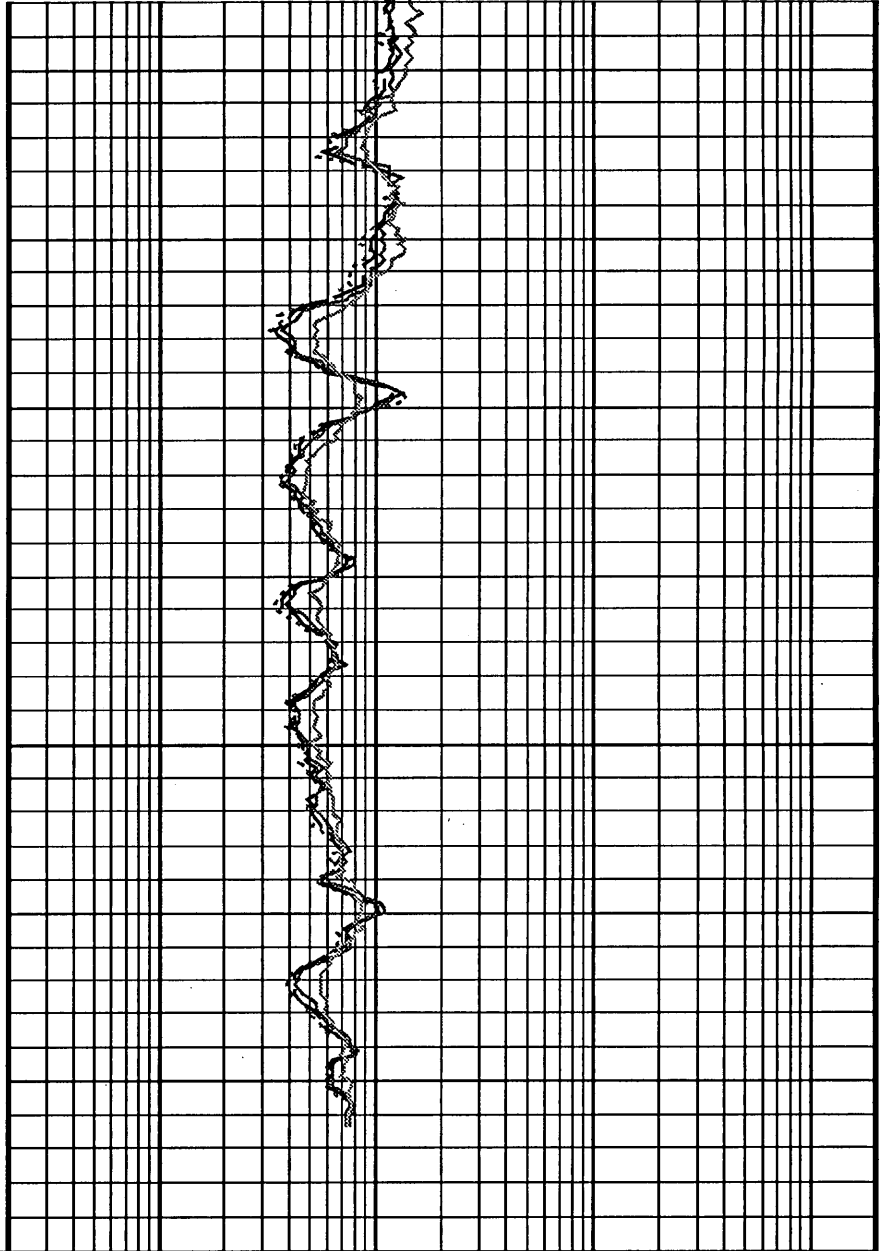
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|                                      |        |     |
|--------------------------------------|--------|-----|
| ROP*5 (ROP5)                         |        |     |
| 200                                  | (M/HR) | 0   |
| ARC Gamma Ray, Real-Time (ARC_GR_RT) |        |     |
| 0                                    | (GAPI) | 200 |

3175



|  |        |      |
|--|--------|------|
| ARC5 Phase-Shift Resistivity 16-in. at 2 MHz, Real-Time (P16H_R) |        |      |
| 0.2  | (OHMM) | 2000 |
| ARC5 Phase-Shift Resistivity 28-in. at 2 MHz, Real-Time (P28H_R) |        |      |
| 0.2  | (OHMM) | 2000 |
| ARC5 Phase-Shift Resistivity 40-in. at 2 MHz, Real-Time (P40H_R) |        |      |
| 0.2  | (OHMM) | 2000 |
| ARC5 Attenuation Resistivity 40-in. at 2 MHz, Real-Time (A40H_R) |        |      |
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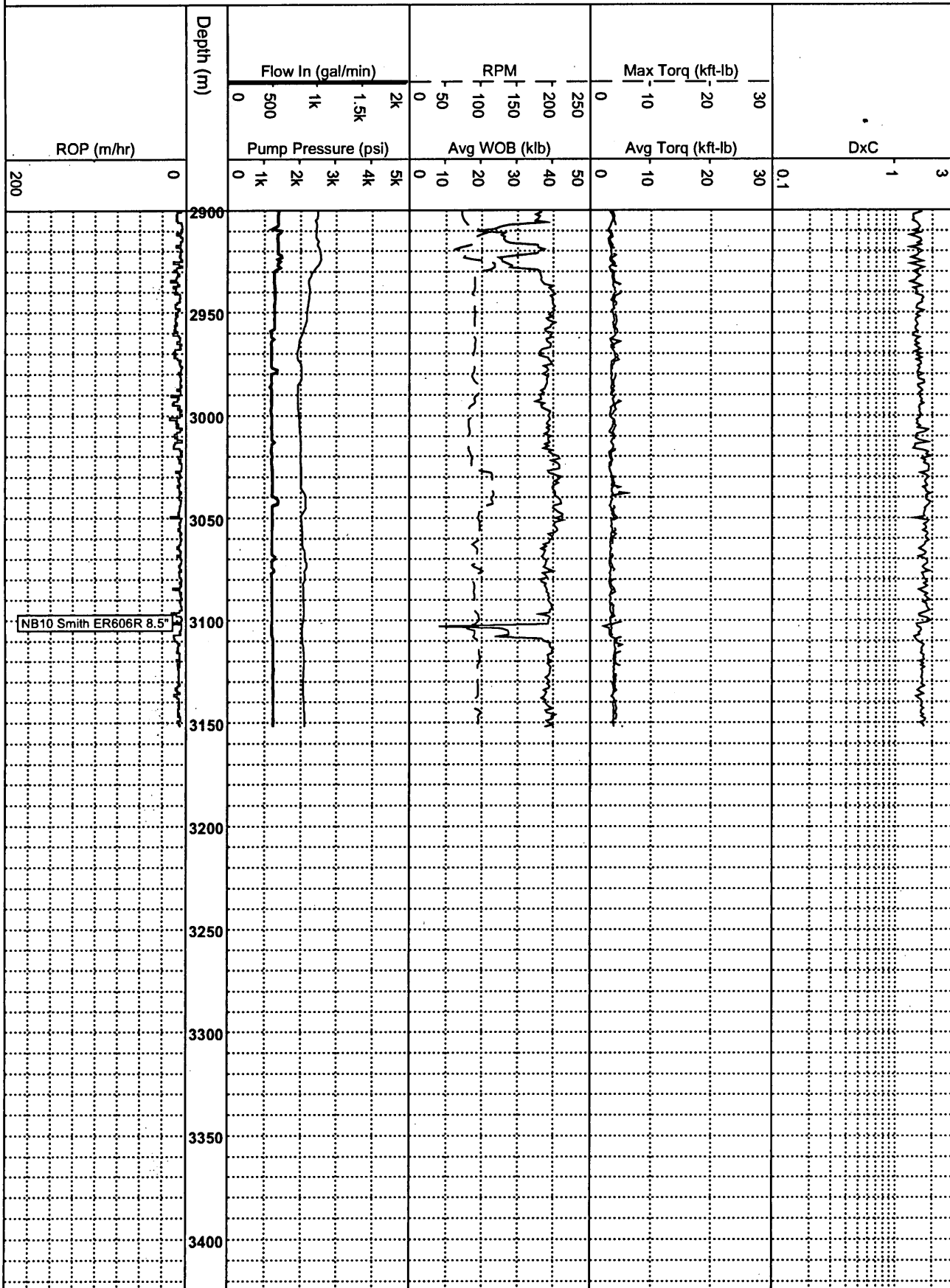


# DRILLING DATA PLOT Melville-1



INTEQ

Scale: 1:2500.0





INTEQ

**FORMATION EVALUATION LOG**  
**Melville-1**  
**SCALE: 1:500.0**

BASS STRAIT



| DRILLING PROGRESS |     |           |     | DEPTH (m) | CUTTINGS LITHOLOGY | INTERPRETED LITHOLOGY | CORE | CUT FLUORESCENCE | CALCIMETRY | COMMENTS |
|-------------------|-----|-----------|-----|-----------|--------------------|-----------------------|------|------------------|------------|----------|
| GAMMA (API)       |     | WOB (klb) |     |           |                    |                       |      |                  |            |          |
| 0                 | 40  | 30        | 40  | 0         |                    |                       |      |                  |            |          |
| 100               | 100 | 20        | 30  | 100       |                    |                       |      |                  |            |          |
| 200               | 130 | 10        | 40  | 200       |                    |                       |      |                  |            |          |
| 300               | 120 | 20        | 700 | 300       |                    |                       |      |                  |            |          |
| 400               | 30  | 30        | 500 | 400       |                    |                       |      |                  |            |          |
| 500               | 40  | 40        | 700 | 500       |                    |                       |      |                  |            |          |
| 600               | 30  | 20        | 500 | 600       |                    |                       |      |                  |            |          |
| 700               | 40  | 10        | 300 | 700       |                    |                       |      |                  |            |          |
| 800               | 30  | 20        | 40  | 800       |                    |                       |      |                  |            |          |
| 900               | 40  | 30        | 60  | 900       |                    |                       |      |                  |            |          |
| 1000              | 30  | 20        | 40  | 1000      |                    |                       |      |                  |            |          |
| 1100              | 40  | 30        | 60  | 1100      |                    |                       |      |                  |            |          |
| 1200              | 30  | 20        | 40  | 1200      |                    |                       |      |                  |            |          |
| 1300              | 40  | 30        | 60  | 1300      |                    |                       |      |                  |            |          |
| 1400              | 30  | 20        | 40  | 1400      |                    |                       |      |                  |            |          |
| 1500              | 40  | 30        | 60  | 1500      |                    |                       |      |                  |            |          |
| 1600              | 30  | 20        | 40  | 1600      |                    |                       |      |                  |            |          |
| 1700              | 40  | 30        | 60  | 1700      |                    |                       |      |                  |            |          |
| 1800              | 30  | 20        | 40  | 1800      |                    |                       |      |                  |            |          |
| 1900              | 40  | 30        | 60  | 1900      |                    |                       |      |                  |            |          |
| 2000              | 30  | 20        | 40  | 2000      |                    |                       |      |                  |            |          |
| 2100              | 40  | 30        | 60  | 2100      |                    |                       |      |                  |            |          |
| 2200              | 30  | 20        | 40  | 2200      |                    |                       |      |                  |            |          |
| 2300              | 40  | 30        | 60  | 2300      |                    |                       |      |                  |            |          |
| 2400              | 30  | 20        | 40  | 2400      |                    |                       |      |                  |            |          |
| 2500              | 40  | 30        | 60  | 2500      |                    |                       |      |                  |            |          |
| 2600              | 30  | 20        | 40  | 2600      |                    |                       |      |                  |            |          |
| 2700              | 40  | 30        | 60  | 2700      |                    |                       |      |                  |            |          |
| 2800              | 30  | 20        | 40  | 2800      |                    |                       |      |                  |            |          |
| 2900              | 40  | 30        | 60  | 2900      |                    |                       |      |                  |            |          |
| 3000              | 30  | 20        | 40  | 3000      |                    |                       |      |                  |            |          |
| 3100              | 40  | 30        | 60  | 3100      |                    |                       |      |                  |            |          |
| 3200              | 30  | 20        | 40  | 3200      |                    |                       |      |                  |            |          |
| 3300              | 40  | 30        | 60  | 3300      |                    |                       |      |                  |            |          |
| 3400              | 30  | 20        | 40  | 3400      |                    |                       |      |                  |            |          |
| 3500              | 40  | 30        | 60  | 3500      |                    |                       |      |                  |            |          |
| 3600              | 30  | 20        | 40  | 3600      |                    |                       |      |                  |            |          |
| 3700              | 40  | 30        | 60  | 3700      |                    |                       |      |                  |            |          |
| 3800              | 30  | 20        | 40  | 3800      |                    |                       |      |                  |            |          |
| 3900              | 40  | 30        | 60  | 3900      |                    |                       |      |                  |            |          |
| 4000              | 30  | 20        | 40  | 4000      |                    |                       |      |                  |            |          |
| 4100              | 40  | 30        | 60  | 4100      |                    |                       |      |                  |            |          |
| 4200              | 30  | 20        | 40  | 4200      |                    |                       |      |                  |            |          |
| 4300              | 40  | 30        | 60  | 4300      |                    |                       |      |                  |            |          |
| 4400              | 30  | 20        | 40  | 4400      |                    |                       |      |                  |            |          |
| 4500              | 40  | 30        | 60  | 4500      |                    |                       |      |                  |            |          |
| 4600              | 30  | 20        | 40  | 4600      |                    |                       |      |                  |            |          |
| 4700              | 40  | 30        | 60  | 4700      |                    |                       |      |                  |            |          |
| 4800              | 30  | 20        | 40  | 4800      |                    |                       |      |                  |            |          |
| 4900              | 40  | 30        | 60  | 4900      |                    |                       |      |                  |            |          |
| 5000              | 30  | 20        | 40  | 5000      |                    |                       |      |                  |            |          |

NB10-Smith ER606R 8.5"  
 3x16 jets  
 In 3102  
 XXXm/XXXhrs

WOB 8.0-40.7klbs  
 RPM 61-101  
 GPM 482-499  
 SPP 2011-2115psi

FG = .08% ABG .02%

SILTSTONE: dsky yelsh brn-brnsh blk, fri-mod hd, sbbkly, com sil cmt, tr carb mat, tr carb lam, tr v f qtz grs, tr pyr nods, tr mic

W 1.12sg V 54 PV/YP 17/27  
 Gels 6/8 F 3.6 FC 1  
 Sol 5.2 Sd 0.5 pH 9.3  
 Cl 31.5k Ca 260 KCl 21.8%

SANDSTONE: dk yelsh brn-brnsh gy, olv gy, occ lt gy, mod-v hd, v f-f, r m-crs qtz grs, sbrmdd-mdd, sbsphr, mod-w srt, com arg mtrx, com sil cmt, tr carb mat, tr micmic, tr pyr nod, p vis por, n shw

SILTSTONE: brnsh gy, olv blk, brnsh blk, fri-mod hd, occ v hd, sbbkly, occ sbfiss, com sil cmt, tr pyr cmt, r cl mtrx, tr v f qtz grs, r carb mat, tr dissems pyr cmt, grd to CARBONACEOUS SILTSTONE i/p

Carbide check @ 3165m  
 Theo strks = 5740  
 Actl strks = 5791  
 Avg Hole Size 8.7"

CLAYSTONE: olv gy, sft-mod hd, sbbkly-amor, stky i/p, tr carb mat





ian@petroconsult.com.au on 11/12/2001 08:58:05 AM

To: kourosh.mehin@nre.vic.gov.au  
 cc: (bcc: Kourosh Mehin/NRE)  
 Subject: MWD and mudlog files for Monday for Melville-1

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Kourosh, hope you had a safe return journey - here are the log files for Melville-1

Regards  
 Ian  
 Ian Reid  
 Chief Operations Geologist  
 Bass Strait Oil Company Ltd  
 03 9614 0426  
 ian.reid@bassoil.com.au

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## ANADRILL

## SCHLUMBERGER

## Survey report

12-Nov-2001 02:24:18 Page 1 of 3

Client.....: Bass Strait Oil Company  
 Field.....: Permit VIC/P42

Well.....: Melville-1  
 date.....:

API number.....:

date.....: 12-Nov-01

Engineer.....: A. Abad / M. Saicic  
 surveys....: 52

survey.....: 1432.10 m

COUNTY.....: Ocean Bounty

survey.....: 3149.04 m

STATE.....: Victoria

----- Survey calculation methods-----

Geomagnetic data -----

Method for positions.....: Minimum curvature

model.....: BGGM version 2000

Method for DLS.....: Mason & Taylor

date.....: 24-Oct-2001

strength..: 1206.71 HCNT

----- Depth reference -----

dec (+E/W-).....: 13.17 degrees

Permanent datum.....: GROUND LEVEL

dip.....: -69.20 degrees

Depth reference.....:

GL above permanent.....: -100.00 m

Spud

Last survey

Total accepted

MD of first

MD of last

Magnetic

Magnetic

Magnetic field

Magnetic

Magnetic

----- MWD

survey Reference Criteria -----

KB above permanent.....: 75.00 m Reference  
 G.....: 1000.07 mGal  
 DF above permanent.....: 25.00 m Reference  
 H.....: 1206.71 HCNT Reference  
 Dip.....: -69.20 degrees  
 ----- Vertical section origin----- Tolerance  
 of G.....: (+/-) 2.50 mGal  
 Latitude (+N/S-).....: 0.00 m Tolerance of  
 H.....: (+/-) 6.00 HCNT  
 Departure (+E/W-).....: 0.00 m Tolerance of  
 Dip.....: (+/-) 0.45 degrees

| Seq<br>Displ<br>#<br>+E/W-<br>(m) | Measured<br>Total<br>depth<br>displ<br>(m)<br>(deg) | Incl<br>At<br>angle<br>Azim<br>(deg)<br>10m) | Azimuth<br>DLS<br>angle<br>(deg/<br>deg)<br>type | Course<br>Srvy<br>length<br>tool<br>(m)<br>type | TVD<br>Tool<br>depth<br>qual<br>(m) | Vertical<br>section<br>(m) | Displ<br>+N/S-<br>(m) | (m) |
|-----------------------------------|---|--|--|---|-------------------------------------|----------------------------|-----------------------|-----|
| 1                                 | 1432.10   | 2.40   | 228.90   | 0.00  | 1432.00                             | -2.80                      | -2.80                 |     |
| -1.60                             | 3.22  | 209.74                                       | 0.00   | TIP   | -                                   |                            |                       |     |
| 2                                 | 1443.09   | 2.50   | 236.20   | 10.99   | 1442.98                             | -3.08                      | -3.08                 |     |
| -1.97                             | 3.66  | 212.60                                       | 0.30   | MWD   | 6-axis                              |                            |                       |     |
| 3                                 | 1494.71   | 2.59   | 236.48   | 51.62   | 1494.55                             | -4.35                      | -4.35                 |     |
| -3.88                             | 5.83  | 221.70                                       | 0.02   | MWD   | 6-axis                              |                            |                       |     |
| 4                                 | 1557.58   | 2.56   | 237.49   | 62.87   | 1557.36                             | -5.89                      | -5.89                 |     |
| -6.25                             | 8.59  | 226.67                                       | 0.01   | MWD   | 6-axis                              |                            |                       |     |
| 5                                 | 1615.86   | 2.80   | 236.37   | 58.28   | 1615.57                             | -7.38                      | -7.38                 |     |
| -8.53                             | 11.28   | 229.13                                       | 0.04   | MWD   | 6-axis                              |                            |                       |     |
| 6                                 | 1644.61   | 2.69   | 236.51   | 28.75   | 1644.29                             | -8.14                      | -8.14                 |     |
| -9.68                             | 12.65   | 229.93                                       | 0.04   | MWD   | 6-axis                              |                            |                       |     |
| 7                                 | 1668.50   | 2.86   | 238.36   | 23.89   | 1668.15                             | -8.77                      | -8.77                 |     |
| -10.65                            | 13.80   | 230.56                                       | 0.08   | MWD   | 6-axis                              |                            |                       |     |
| 8                                 | 1699.25   | 2.65   | 238.80   | 30.75   | 1698.87                             | -9.54                      | -9.54                 |     |
| -11.92                            | 15.26   | 231.33                                       | 0.07   | MWD   | 6-axis                              |                            |                       |     |
| 9                                 | 1727.71   | 2.60   | 239.64   | 28.46   | 1727.30                             | -10.20                     | -10.20                |     |
| -13.03                            | 16.55   | 231.95                                       | 0.02   | MWD   | 6-axis                              |                            |                       |     |
| 10                                | 1756.63   | 2.51   | 238.85   | 28.92   | 1756.19                             | -10.86                     | -10.86                |     |
| -14.14                            | 17.83   | 232.48                                       | 0.03   | MWD   | 6-axis                              |                            |                       |     |
| 11                                | 1786.00   | 2.34   | 240.28   | 29.37   | 1785.53                             | -11.49                     | -11.49                |     |
| -15.21                            | 19.07   | 232.93                                       | 0.06   | MWD   | 6-axis                              |                            |                       |     |
| 12                                | 1814.34   | 2.29   | 240.62   | 28.34   | 1813.85                             | -12.06                     | -12.06                |     |
| -16.21                            | 20.20   | 233.36                                       | 0.02   | MWD   | 6-axis                              |                            |                       |     |
| 13                                | 1843.18   | 2.18   | 239.19   | 28.84   | 1842.67                             | -12.62                     | -12.62                |     |
| -17.18                            | 21.32   | 233.70                                       | 0.04   | MWD   | 6-axis                              |                            |                       |     |
| 14                                | 1901.41   | 1.96   | 237.87   | 58.23   | 1900.86                             | -13.72                     | -13.72                |     |
| -18.98                            | 23.42   | 234.14                                       | 0.04   | MWD   | 6-axis                              |                            |                       |     |
| 15                                | 1931.65   | 1.78   | 237.81   | 30.24   | 1931.08                             | -14.24                     | -14.24                |     |
| -19.81                            | 24.40   | 234.29                                       | 0.06   | MWD   | 6-axis                              |                            |                       |     |
| 16                                | 1960.46   | 1.72   | 237.86   | 28.81   | 1959.88                             | -14.71                     | -14.71                |     |
| -20.56                            | 25.28   | 234.41                                       | 0.02   | MWD   | 6-axis                              |                            |                       |     |

|        |         |        |        |       |         |        |        |
|--------|---------|--------|--------|-------|---------|--------|--------|
| 17     | 1989.04 | 1.62   | 235.40 | 28.58 | 1988.45 | -15.17 | -15.17 |
| -21.25 | 26.11   | 234.49 | 0.04   | MWD   | 6-axis  |        |        |
| 18     | 2047.36 | 1.44   | 230.77 | 58.32 | 2046.74 | -16.10 | -16.10 |
| -22.50 | 27.67   | 234.41 | 0.04   | MWD   | 6-axis  |        |        |
| 19     | 2075.90 | 1.46   | 228.72 | 28.54 | 2075.28 | -16.57 | -16.57 |
| -23.05 | 28.39   | 234.30 | 0.02   | MWD   | 6-axis  |        |        |
| 20     | 2104.97 | 1.26   | 223.46 | 29.07 | 2104.34 | -17.04 | -17.04 |
| -23.55 | 29.07   | 234.11 | 0.08   | MWD   | 6-axis  |        |        |
| 21     | 2133.36 | 1.26   | 222.20 | 28.39 | 2132.72 | -17.50 | -17.50 |
| -23.97 | 29.68   | 233.87 | 0.01   | MWD   | 6-axis  |        |        |
| 22     | 2161.89 | 1.14   | 222.54 | 28.53 | 2161.24 | -17.94 | -17.94 |
| -24.38 | 30.27   | 233.64 | 0.04   | MWD   | 6-axis  |        |        |
| 23     | 2190.93 | 1.21   | 218.85 | 29.04 | 2190.28 | -18.39 | -18.39 |
| -24.76 | 30.85   | 233.40 | 0.04   | MWD   | 6-axis  |        |        |
| 24     | 2220.38 | 1.11   | 218.25 | 29.45 | 2219.72 | -18.86 | -18.86 |
| -25.13 | 31.42   | 233.12 | 0.03   | MWD   | 6-axis  |        |        |
| 25     | 2249.29 | 1.04   | 218.39 | 28.91 | 2248.63 | -19.29 | -19.29 |
| -25.47 | 31.95   | 232.87 | 0.02   | MWD   | 6-axis  |        |        |
| 26     | 2278.19 | 0.90   | 218.62 | 28.90 | 2277.52 | -19.67 | -19.67 |
| -25.78 | 32.42   | 232.65 | 0.05   | MWD   | 6-axis  |        |        |
| 27     | 2307.52 | 0.99   | 219.17 | 29.33 | 2306.85 | -20.04 | -20.04 |
| -26.08 | 32.89   | 232.45 | 0.03   | MWD   | 6-axis  |        |        |
| 28     | 2336.95 | 1.01   | 219.68 | 29.43 | 2336.27 | -20.44 | -20.44 |
| -26.41 | 33.39   | 232.26 | 0.01   | MWD   | 6-axis  |        |        |
| 29     | 2365.20 | 0.95   | 216.00 | 28.25 | 2364.52 | -20.82 | -20.82 |
| -26.70 | 33.86   | 232.05 | 0.03   | MWD   | 6-axis  |        |        |
| 30     | 2394.92 | 1.02   | 211.37 | 29.72 | 2394.24 | -21.25 | -21.25 |
| -26.98 | 34.35   | 231.78 | 0.04   | MWD   | 6-axis  |        |        |





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=====
Seq Measured Incl Azimuth Course TVD Vertical Displ
Displ Total At DLS Srvy Tool
# depth angle angle length depth section +N/S-
+E/W- displ Azim (deg/ tool qual
- (m) (deg) (deg) (m) (m) (m) (m) (m)
(m) (deg) 10m) type type
=====
=====
31 2422.33 1.09 213.07 27.41 2421.64 -21.67 -21.67
-27.25 34.82 231.51 0.03 MWD 6-axis
32 2480.97 1.04 210.77 58.64 2480.27 -22.60 -22.60
-27.83 35.85 230.92 0.01 MWD 6-axis
33 2538.48 1.07 207.79 57.51 2537.77 -23.52 -23.52
-28.35 36.84 230.31 0.01 MWD 6-axis
34 2558.35 1.06 210.59 19.87 2557.64 -23.84 -23.84
-28.53 37.18 230.11 0.03 MWD 6-axis
35 2590.86 1.13 214.63 32.50 2590.13 -24.37 -24.37
-28.86 37.77 229.83 0.03 MWD 6-axis

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|        |         |        |        |       |         |        |        |
|--------|---------|--------|--------|-------|---------|--------|--------|
| 36     | 2648.71 | 1.10   | 221.39 | 57.86 | 2647.98 | -25.25 | -25.25 |
| -29.55 | 38.87   | 229.49 | 0.02   | MWD   | 6-axis  |        |        |
| 37     | 2677.84 | 1.17   | 224.01 | 29.13 | 2677.10 | -25.68 | -25.68 |
| -29.95 | 39.45   | 229.39 | 0.03   | MWD   | 6-axis  |        |        |
| 38     | 2743.69 | 1.35   | 230.93 | 65.85 | 2742.94 | -26.65 | -26.65 |
| -31.02 | 40.89   | 229.33 | 0.04   | MWD   | 6-axis  |        |        |
| 39     | 2772.78 | 1.31   | 229.00 | 29.09 | 2772.02 | -27.08 | -27.08 |
| -31.53 | 41.57   | 229.34 | 0.02   | MWD   | 6-axis  |        |        |
| 40     | 2801.94 | 1.34   | 230.09 | 29.16 | 2801.17 | -27.52 | -27.52 |
| -32.05 | 42.24   | 229.34 | 0.01   | MWD   | 6-axis  |        |        |
| 41     | 2830.87 | 1.60   | 226.88 | 28.93 | 2830.09 | -28.01 | -28.01 |
| -32.60 | 42.98   | 229.33 | 0.09   | MWD   | 6-axis  |        |        |
| 42     | 2862.03 | 1.75   | 228.47 | 31.16 | 2861.24 | -28.63 | -28.63 |
| -33.27 | 43.89   | 229.29 | 0.05   | MWD   | 6-axis  |        |        |
| 43     | 2889.90 | 2.04   | 226.84 | 27.87 | 2889.10 | -29.25 | -29.25 |
| -33.95 | 44.81   | 229.26 | 0.11   | MWD   | 6-axis  |        |        |
| 44     | 2919.06 | 2.08   | 227.19 | 29.16 | 2918.24 | -29.96 | -29.96 |
| -34.72 | 45.86   | 229.21 | 0.01   | MWD   | 6-axis  |        |        |
| 45     | 2948.01 | 1.81   | 221.56 | 28.95 | 2947.17 | -30.66 | -30.66 |
| -35.41 | 46.84   | 229.11 | 0.11   | MWD   | 6-axis  |        |        |
| 46     | 2977.28 | 1.63   | 219.95 | 29.27 | 2976.43 | -31.33 | -31.33 |
| -35.98 | 47.71   | 228.96 | 0.06   | MWD   | 6-axis  |        |        |
| 47     | 3005.24 | 1.51   | 212.47 | 27.96 | 3004.38 | -31.94 | -31.94 |
| -36.44 | 48.46   | 228.76 | 0.08   | MWD   | 6-axis  |        |        |
| 48     | 3033.85 | 1.32   | 208.32 | 28.61 | 3032.98 | -32.55 | -32.55 |
| -36.80 | 49.13   | 228.50 | 0.08   | MWD   | 6-axis  |        |        |
| 49     | 3063.37 | 0.92   | 208.53 | 29.52 | 3062.49 | -33.06 | -33.06 |
| -37.07 | 49.67   | 228.27 | 0.14   | MWD   | 6-axis  |        |        |
| 50     | 3086.82 | 0.89   | 200.42 | 23.45 | 3085.94 | -33.39 | -33.39 |
| -37.22 | 50.01   | 228.10 | 0.06   | MWD   | 6-axis  |        |        |
| 51     | 3119.68 | 0.65   | 170.45 | 32.86 | 3118.80 | -33.82 | -33.82 |
| -37.28 | 50.33   | 227.79 | 0.14   | MWD   | 6-axis  |        |        |
| 52     | 3149.04 | 1.19   | 129.46 | 29.36 | 3148.15 | -34.18 | -34.18 |
| -37.02 | 50.38   | 227.29 | 0.28   | MWD   | 6-axis  |        |        |

[(c)2001 Anadrill IDEAL ID6\_1C\_10]

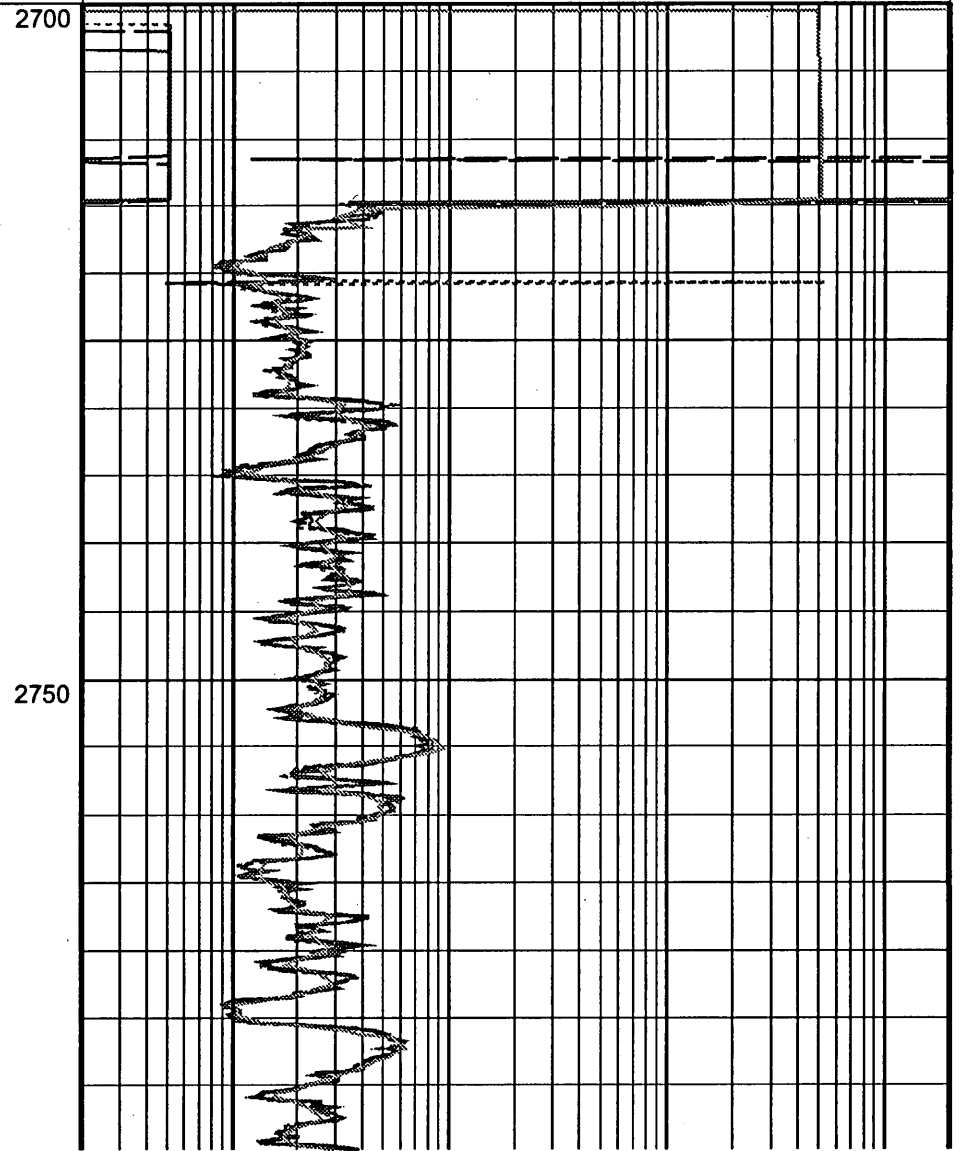
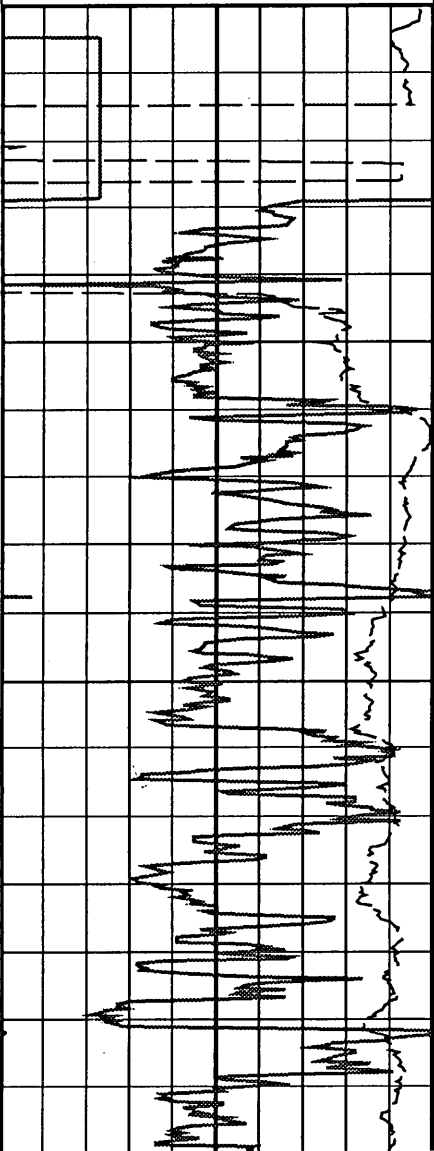
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-  - Melville-1(MWD\_realtime\_1-200\_GR\_ARC\_2700-3190m).pdf
-  - Melville-1\_drillog\_1-2500\_2900-3152m.pdf
-  - Melville-1\_mudlog\_1-500\_3100-3190m.pdf

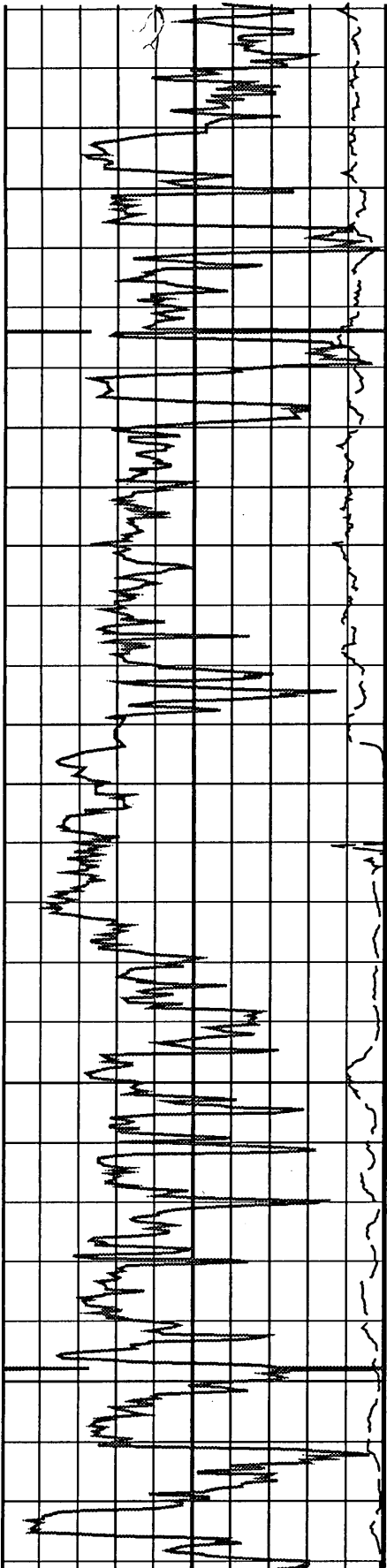
# Melville 1 ARC RT Log 500 MD

IDEAL Version: ID6\_1C\_10 <MD > Vertical Scale: 1:500

Graphics File Created: 12-Nov-2001 06:0

|   |   |     |        |      |
|---|---|-----|--------|------|
|   | <b>ARC5 Attenuation Resistivity 40-in. at 2 MHz, Real-Time (A40H_R)</b> | 0.2 | (OHMM) | 2000 |
|   | <b>ARC5 Phase-Shift Resistivity 40-in. at 2 MHz, Real-Time (P40H_R)</b> | 0.2 | (OHMM) | 2000 |
| <b>ARC Gamma Ray, Real-Time (ARC_GR_RT)</b> | <b>ARC5 Phase-Shift Resistivity 28-in. at 2 MHz, Real-Time (P28H_R)</b> | 0.2 | (OHMM) | 2000 |
| 0 (GAPI) 200                                | <b>ARC5 Phase-Shift Resistivity 16-in. at 2 MHz, Real-Time (P16H_R)</b> | 0.2 | (OHMM) | 2000 |
| <b>ROP*5 (ROP5)</b>                         |   |     |        |      |
| 200 (M/HR) 0                                |   |     |        |      |

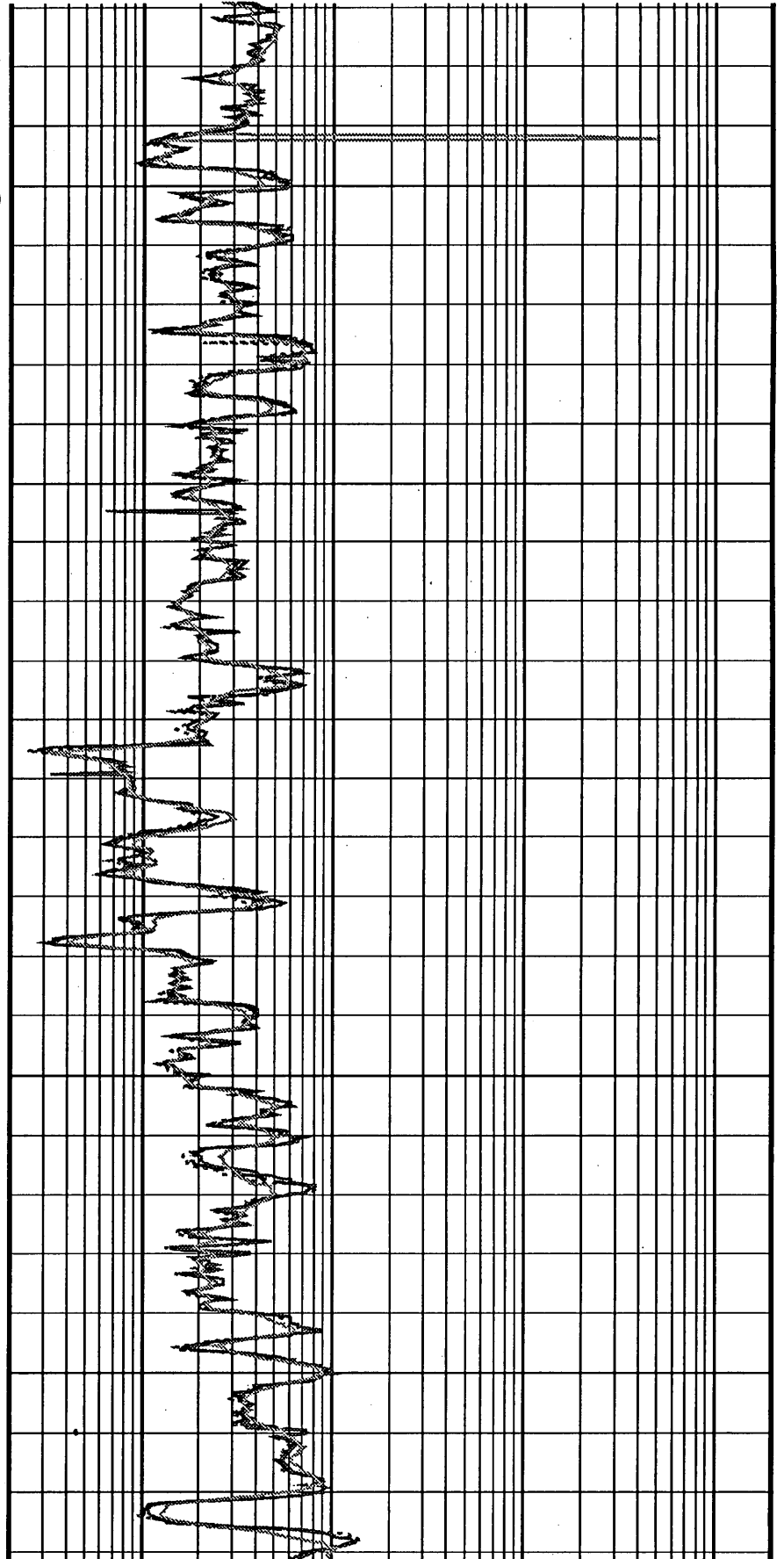


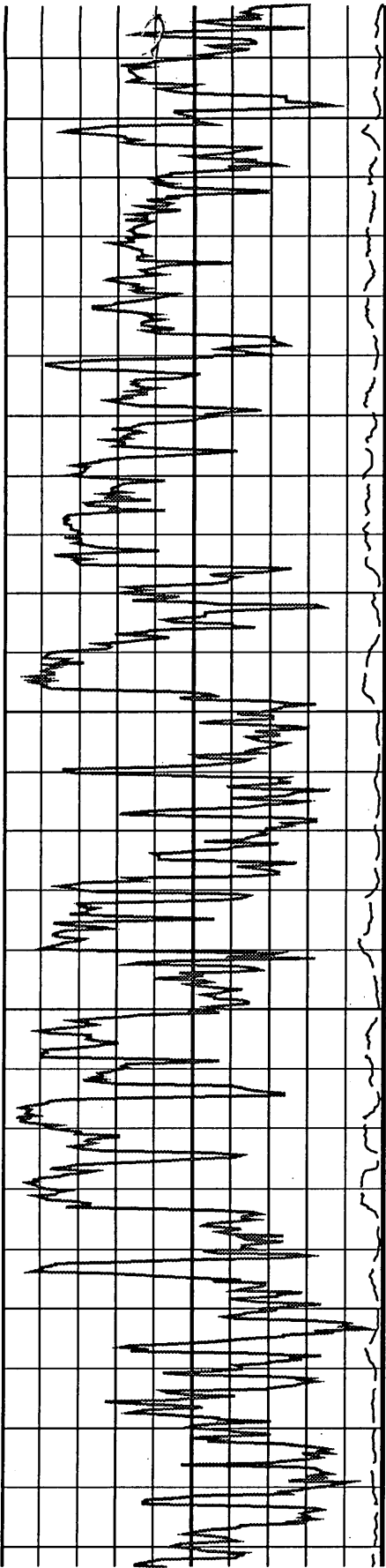


2800

2850

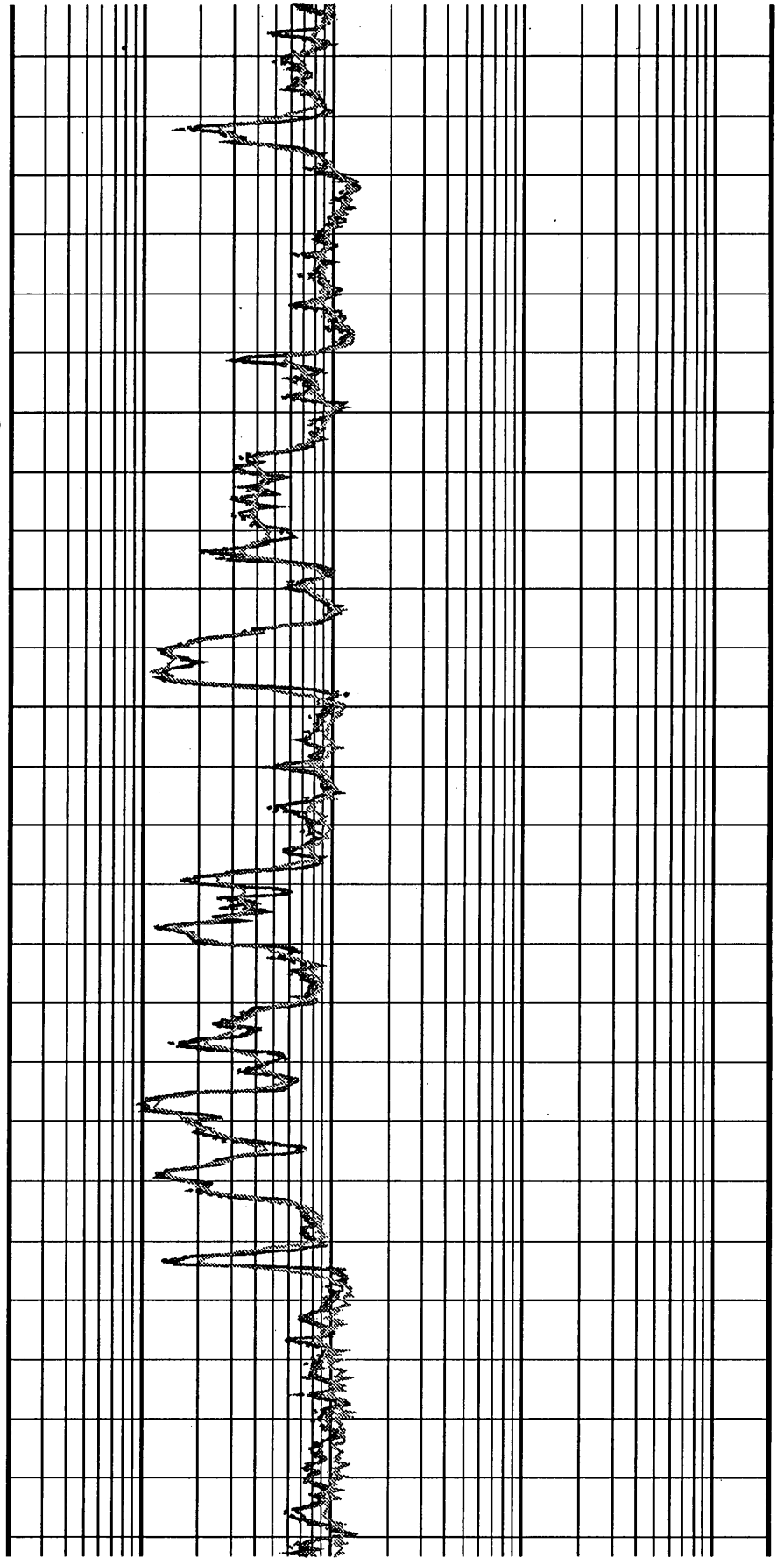
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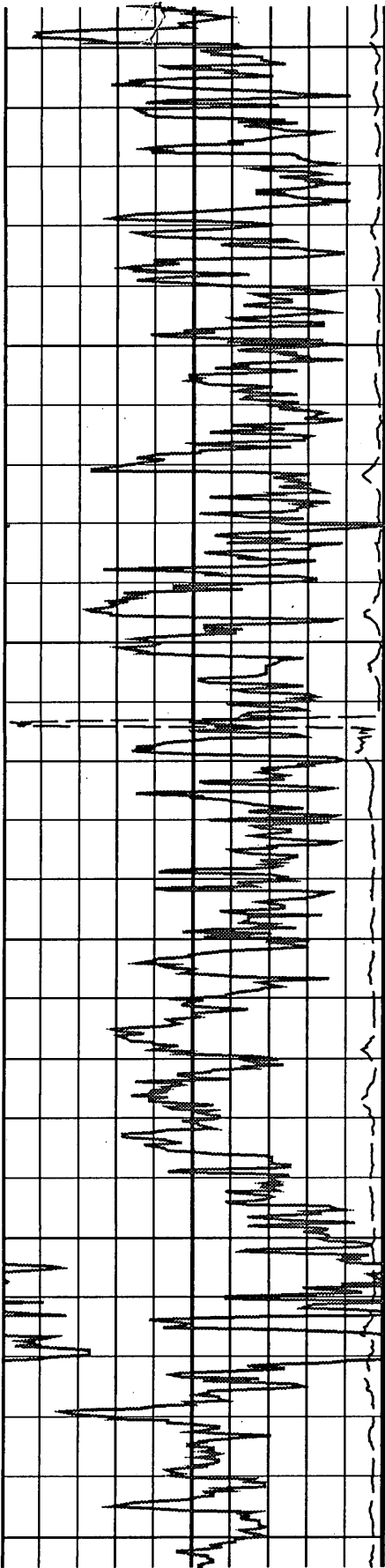




2950

3000

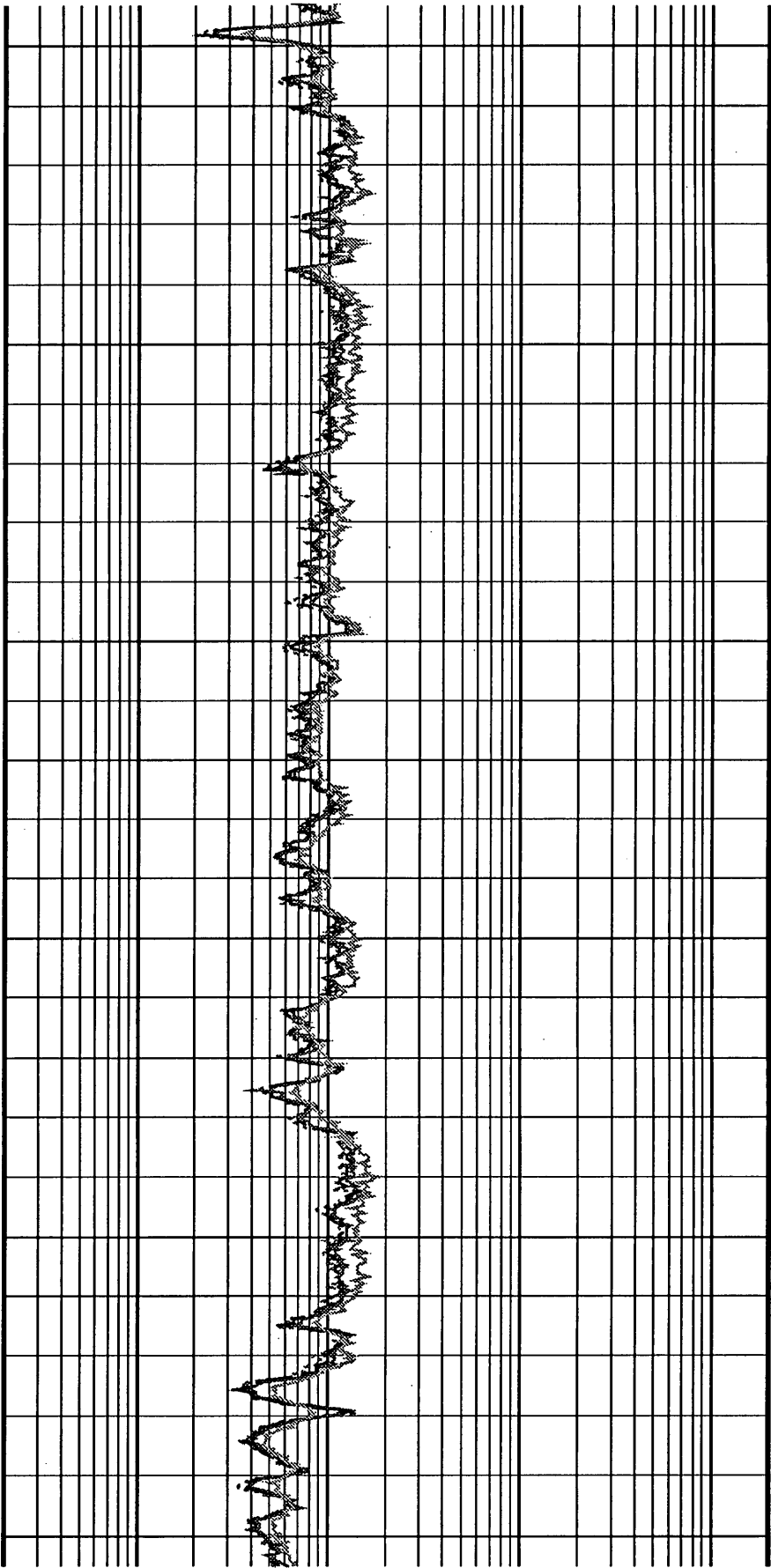




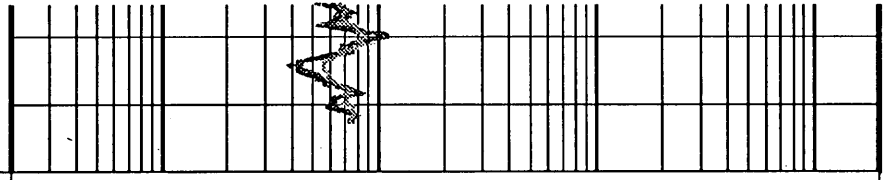
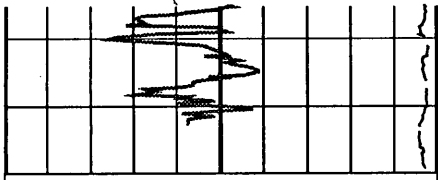
3050

3100

3150







|                     |        |   |
|---------------------|--------|---|
| <b>ROP*5 (ROP5)</b> |        |   |
| 200                 | (M/HR) | 0 |

|   |        |     |
|---|--------|-----|
| <b>ARC Gamma Ray, Real-Time (ARC_GR RT)</b> |        |     |
| 0   | (GAPI) | 200 |

|   |        |      |
|---|--------|------|
| <b>ARC5 Phase-Shift Resistivity 16-in. at 2 MHz, Real-Time (P16H_R)</b> |        |      |
| 0.2   | (OHMM) | 2000 |

|   |        |      |
|---|--------|------|
| <b>ARC5 Phase-Shift Resistivity 28-in. at 2 MHz, Real-Time (P28H_R)</b> |        |      |
| 0.2   | (OHMM) | 2000 |

|   |        |      |
|---|--------|------|
| <b>ARC5 Phase-Shift Resistivity 40-in. at 2 MHz, Real-Time (P40H_R)</b> |        |      |
| 0.2   | (OHMM) | 2000 |

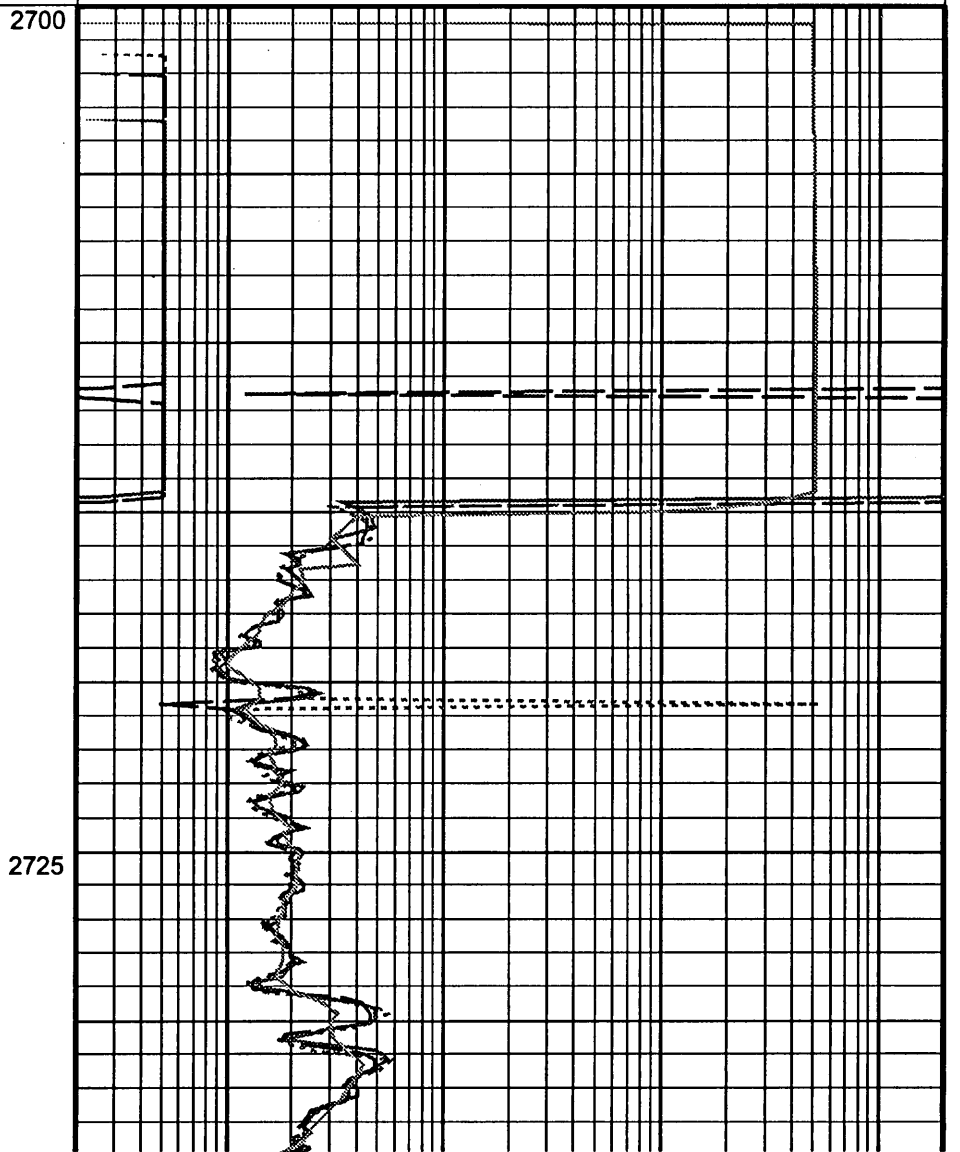
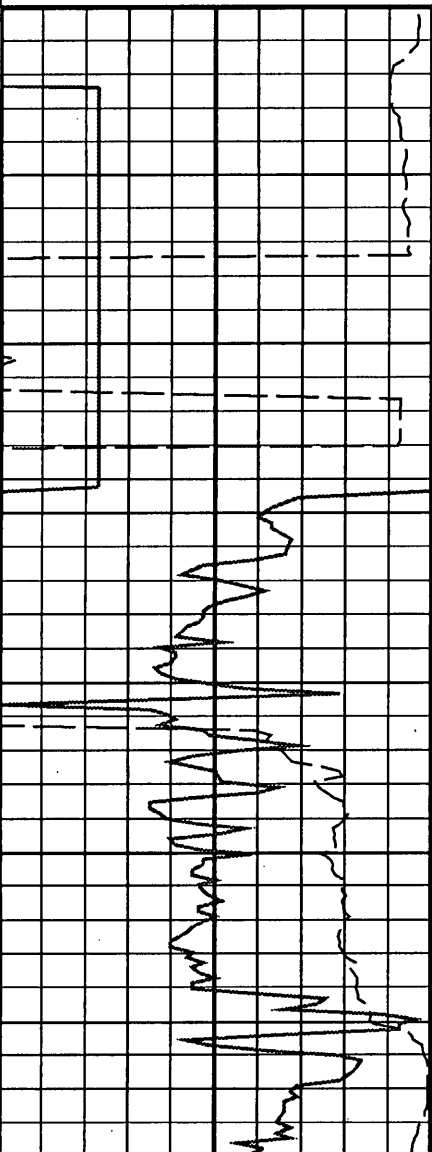
|   |        |      |
|---|--------|------|
| <b>ARC5 Attenuation Resistivity 40-in. at 2 MHz, Real-Time (A40H_R)</b> |        |      |
| 0.2   | (OHMM) | 2000 |

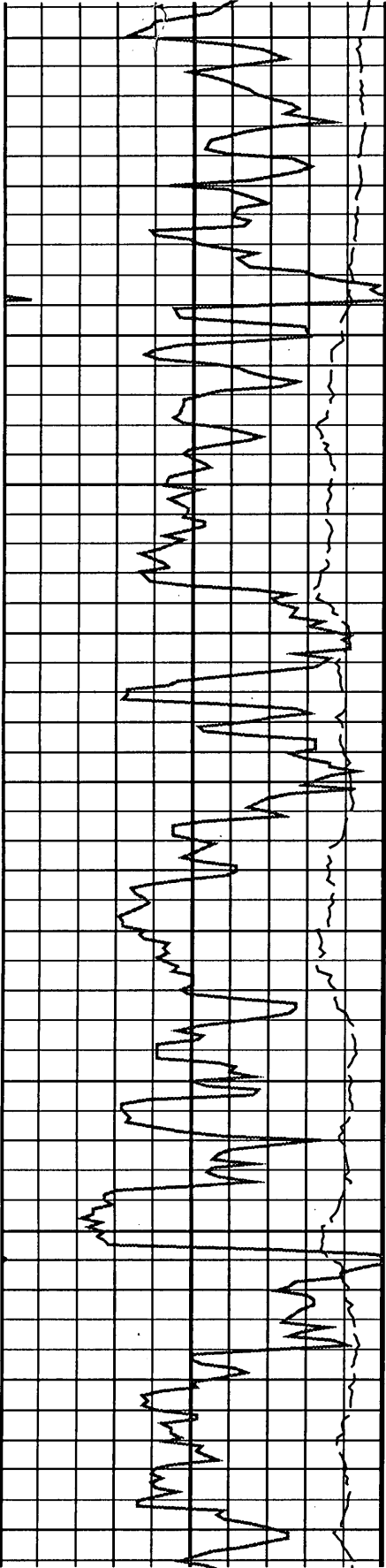
# Melville 1 ARC RT Log 200 MD

IDEAL Version: ID6\_1C\_10 <MD > Vertical Scale: 1:200

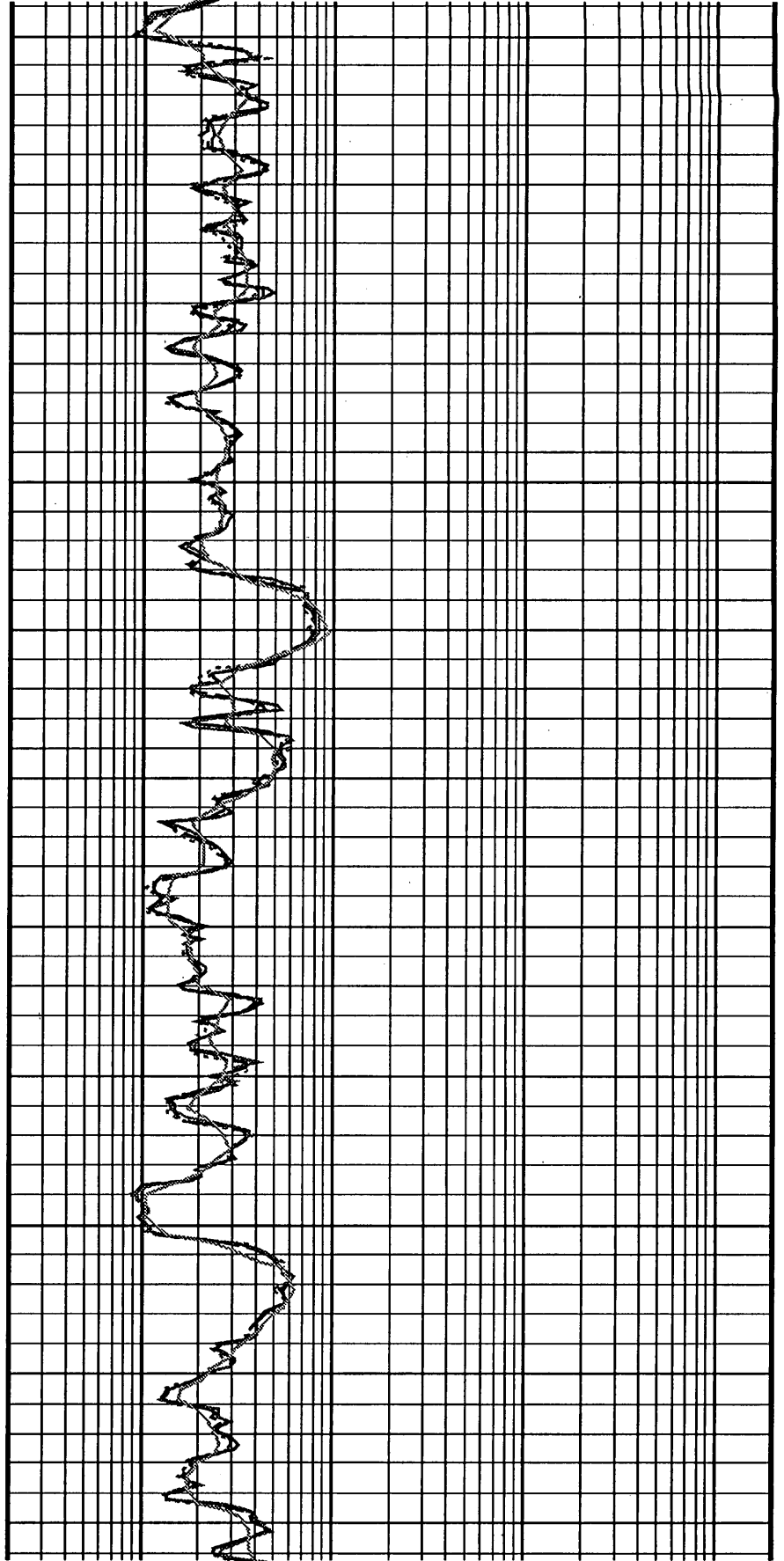
Graphics File Created: 12-Nov-2001 06:0

|   |   |     |        |      |
|---|---|-----|--------|------|
|   | <b>ARC5 Attenuation Resistivity 40-in. at 2 MHz, Real-Time (A40H_R)</b> | 0.2 | (OHMM) | 2000 |
|   | <b>ARC5 Phase-Shift Resistivity 40-in. at 2 MHz, Real-Time (P40H_R)</b> | 0.2 | (OHMM) | 2000 |
| <b>ARC Gamma Ray, Real-Time (ARC_GR_RT)</b> | <b>ARC5 Phase-Shift Resistivity 28-in. at 2 MHz, Real-Time (P28H_R)</b> | 0.2 | (OHMM) | 2000 |
| 0 (GAPI) 200                                | <b>ARC5 Phase-Shift Resistivity 16-in. at 2 MHz, Real-Time (P16H_R)</b> | 0.2 | (OHMM) | 2000 |
| <b>ROP*5 (ROP5)</b>                         |   |     |        |      |
| 200 (M/HR) 0                                |   |     |        |      |

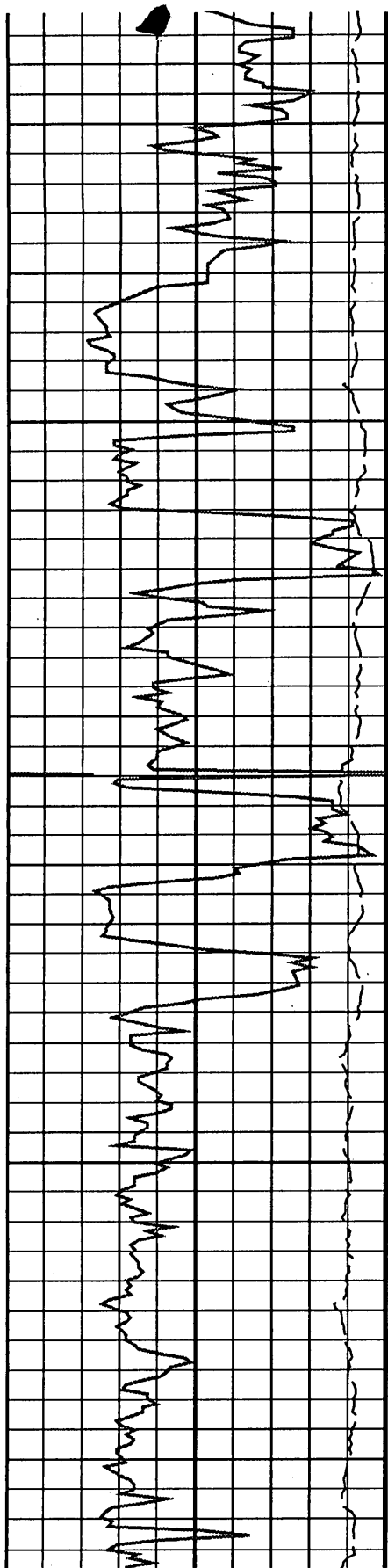




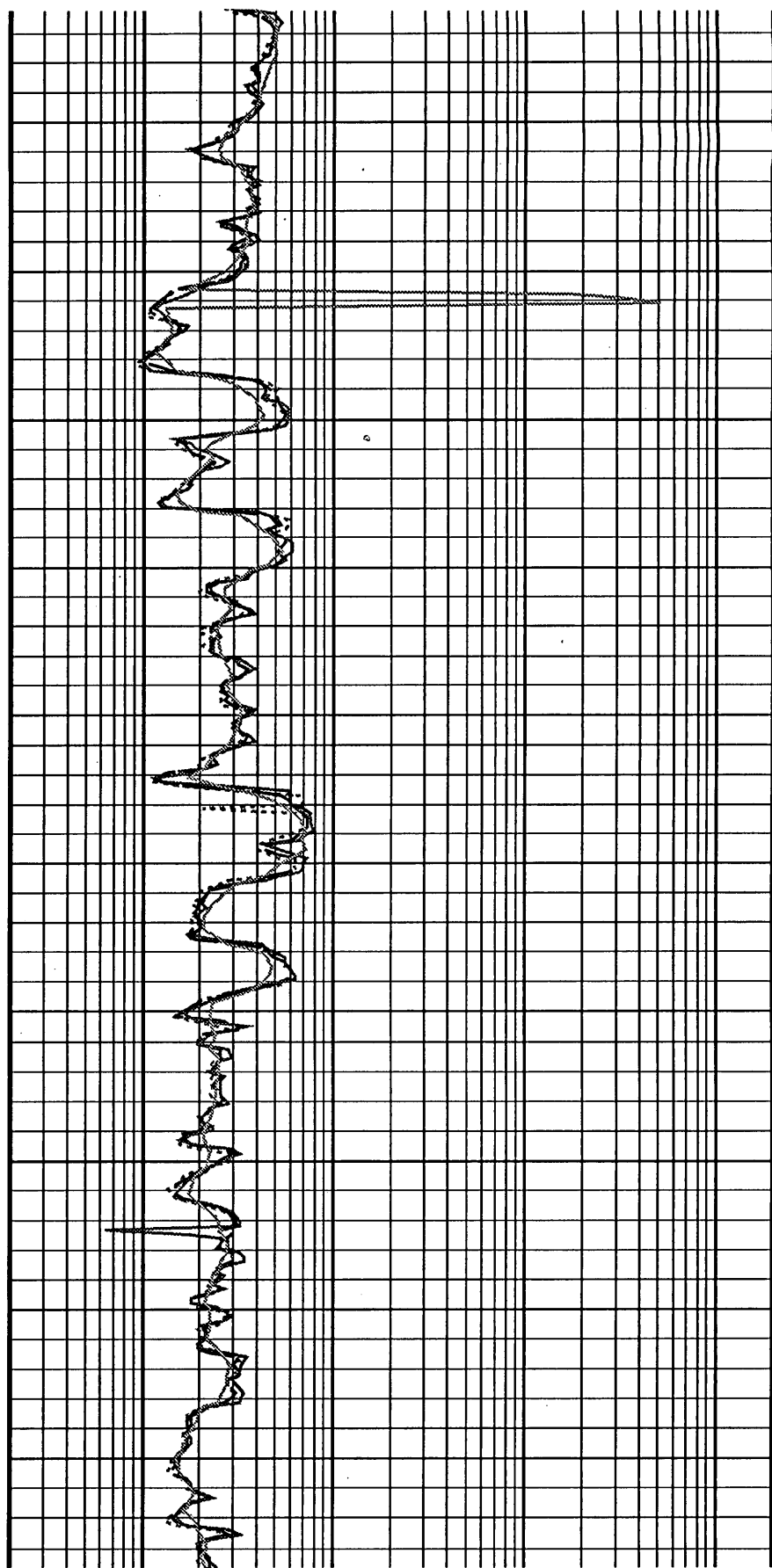
2750



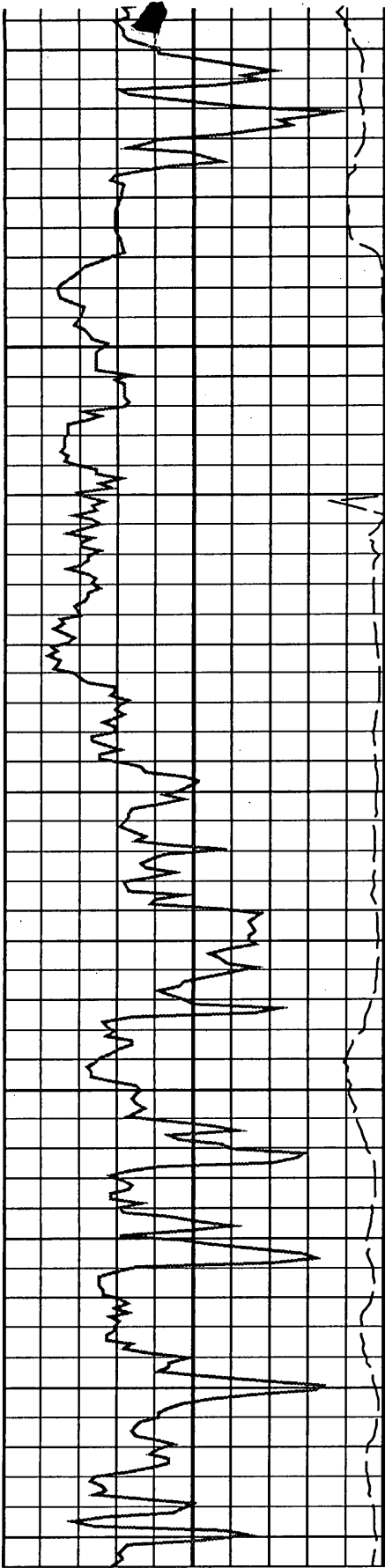
2775



2800

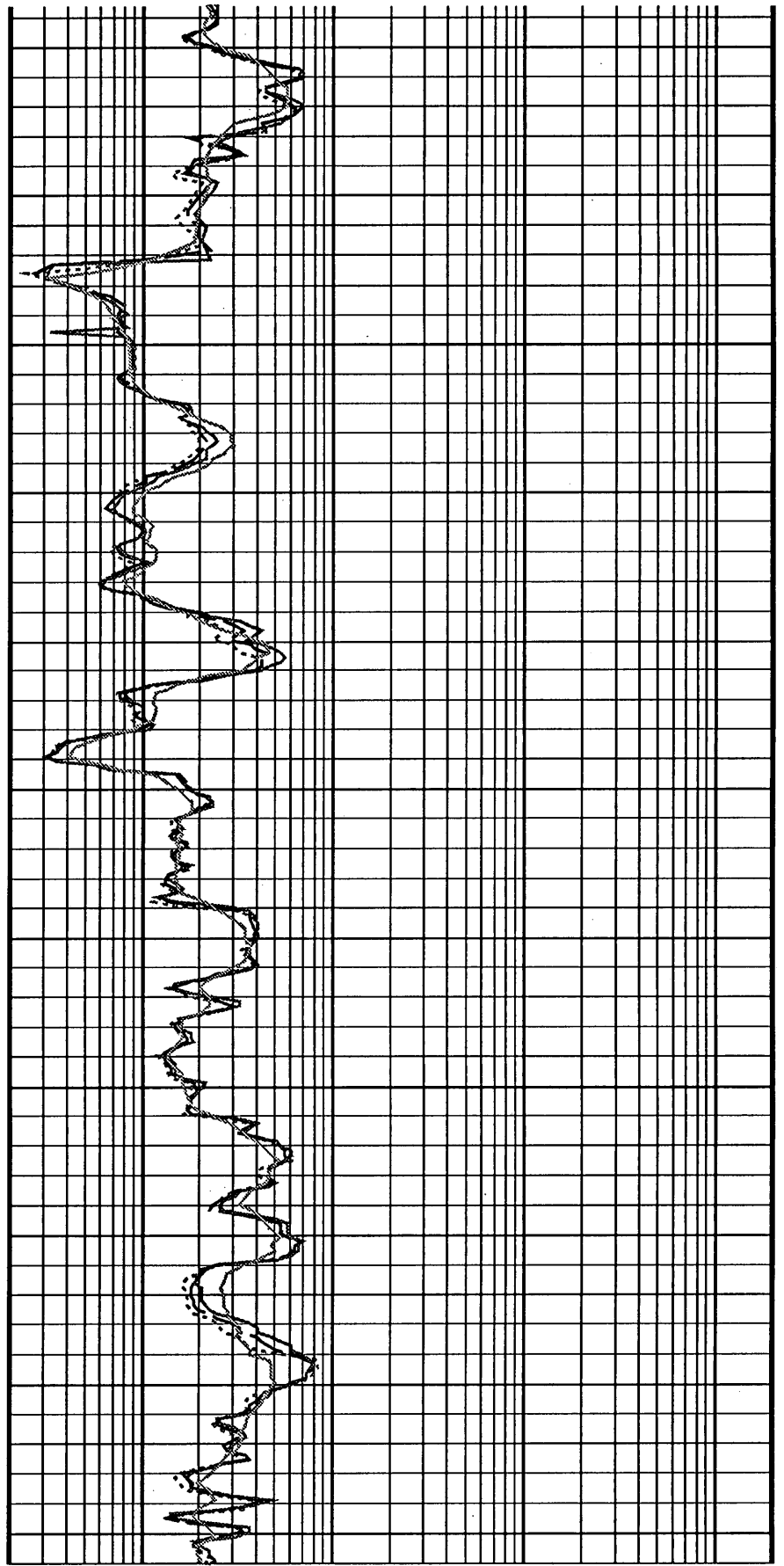


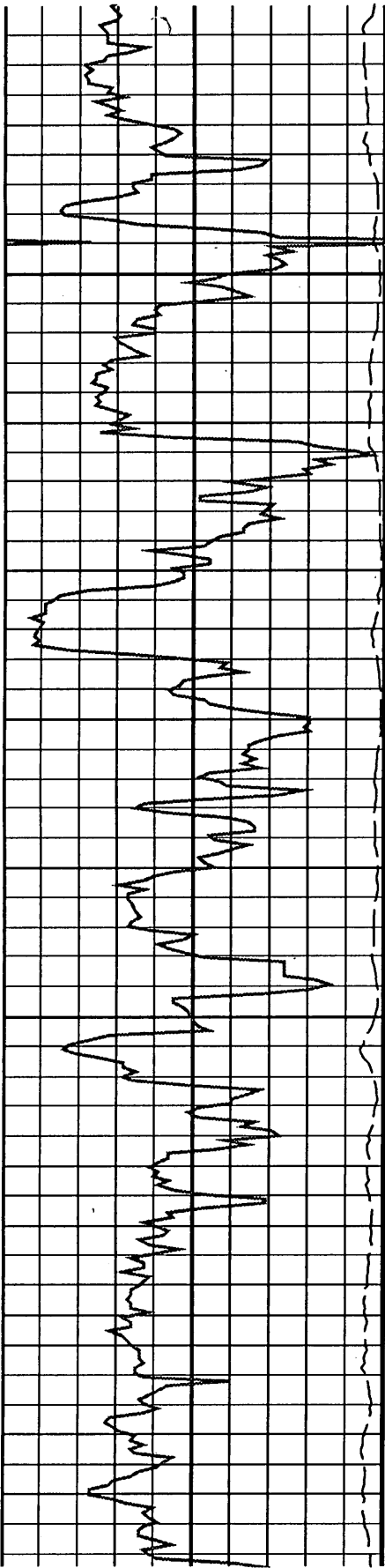
2825



2850

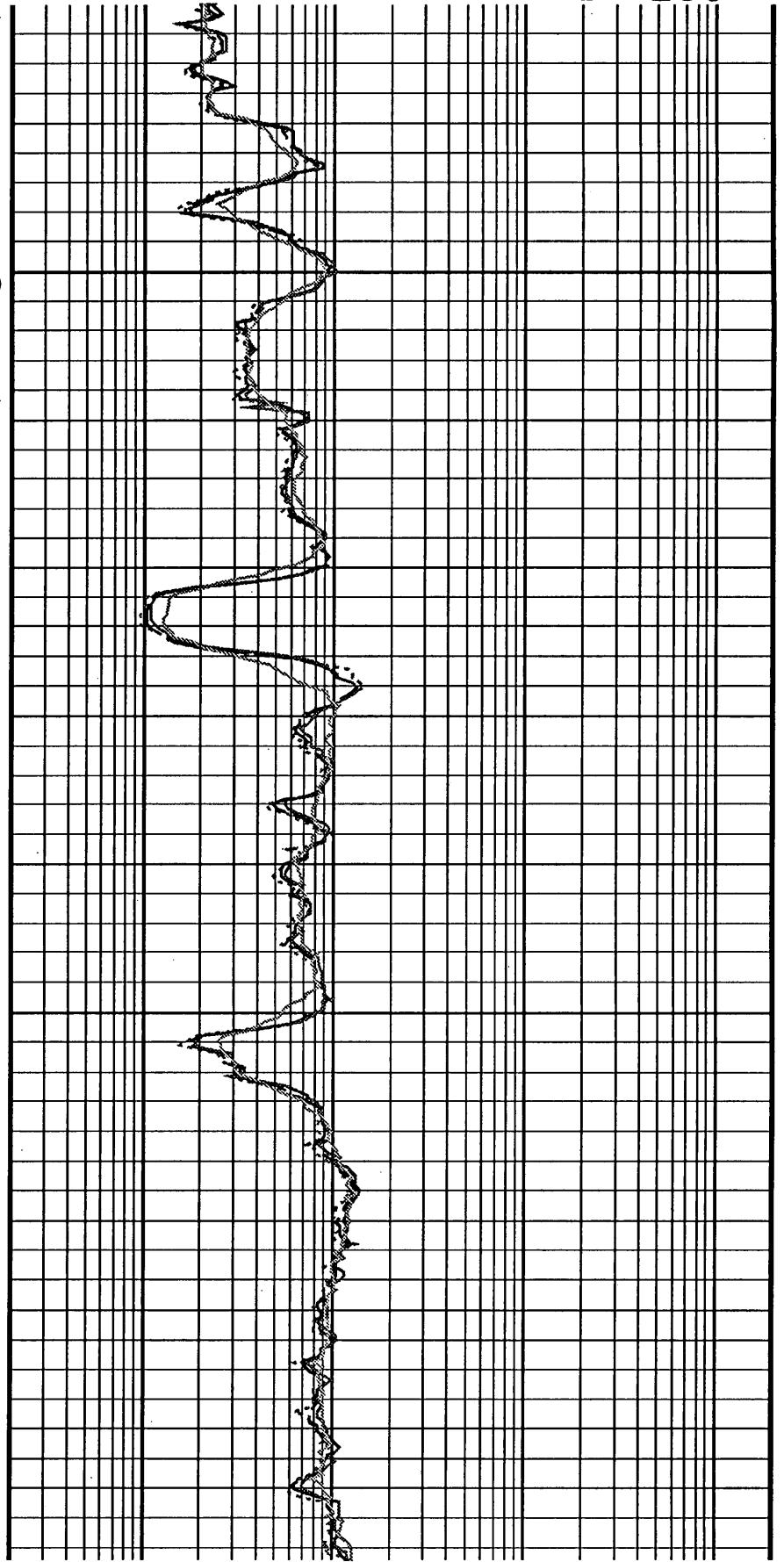
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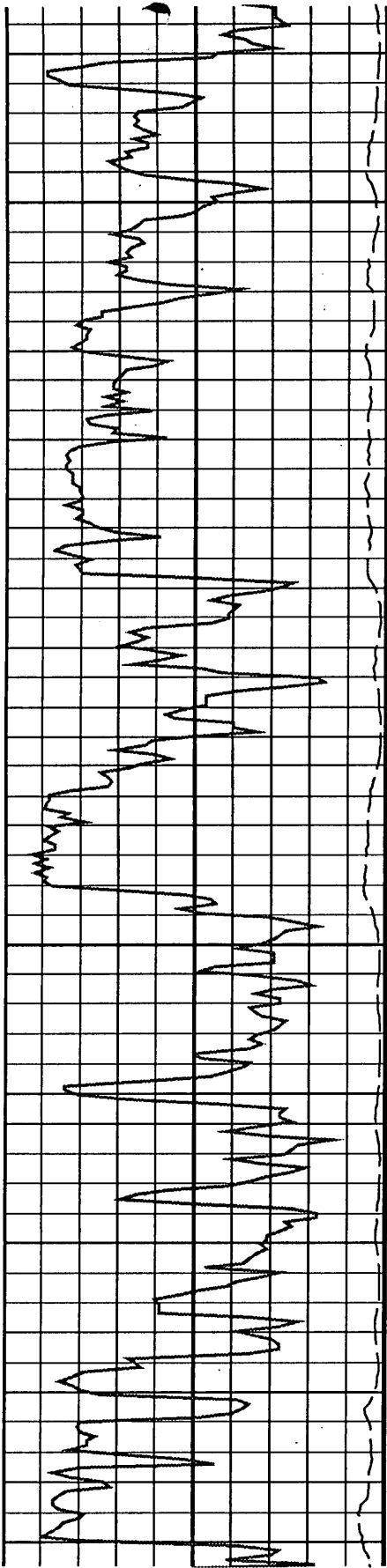




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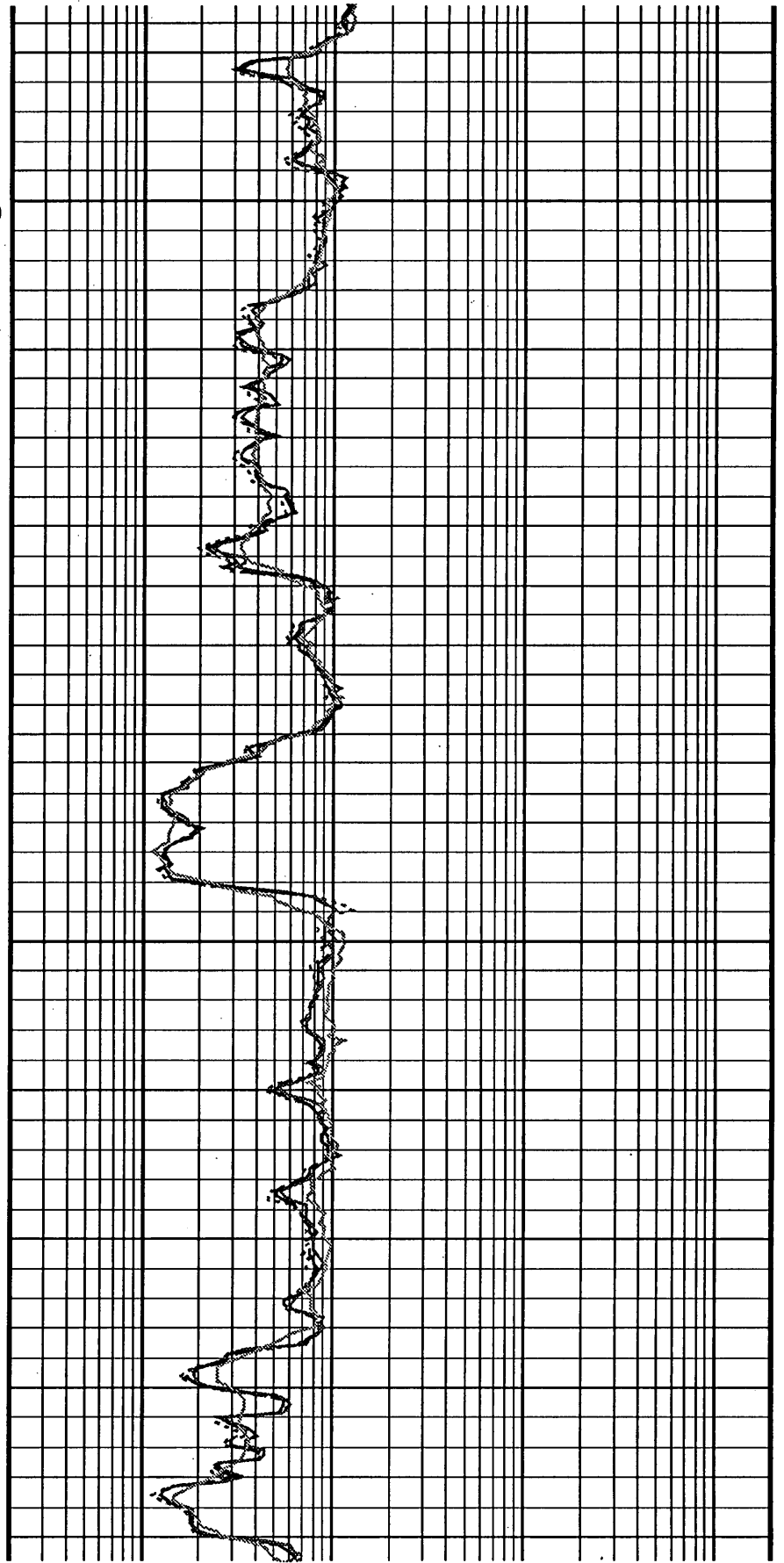
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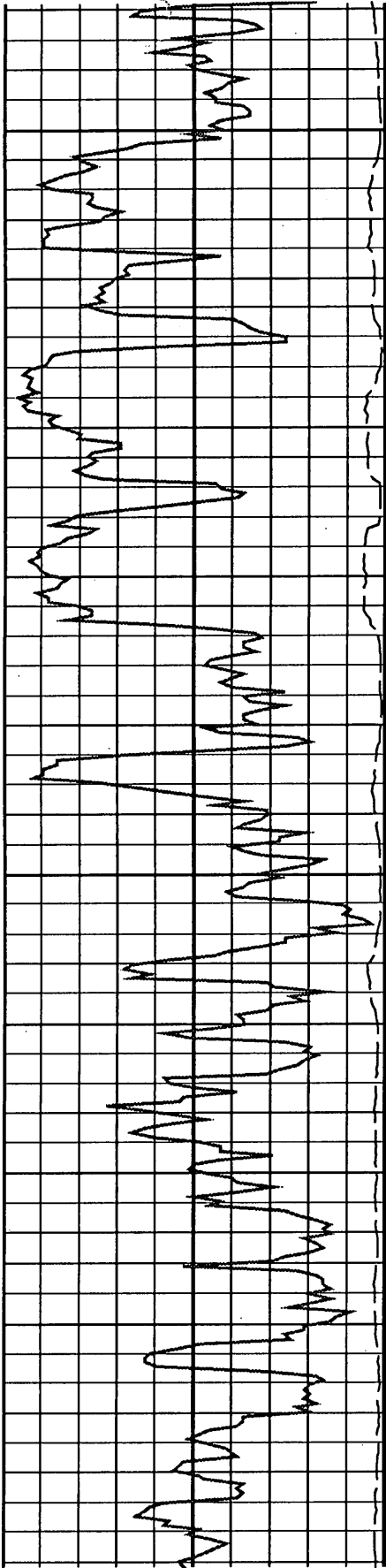




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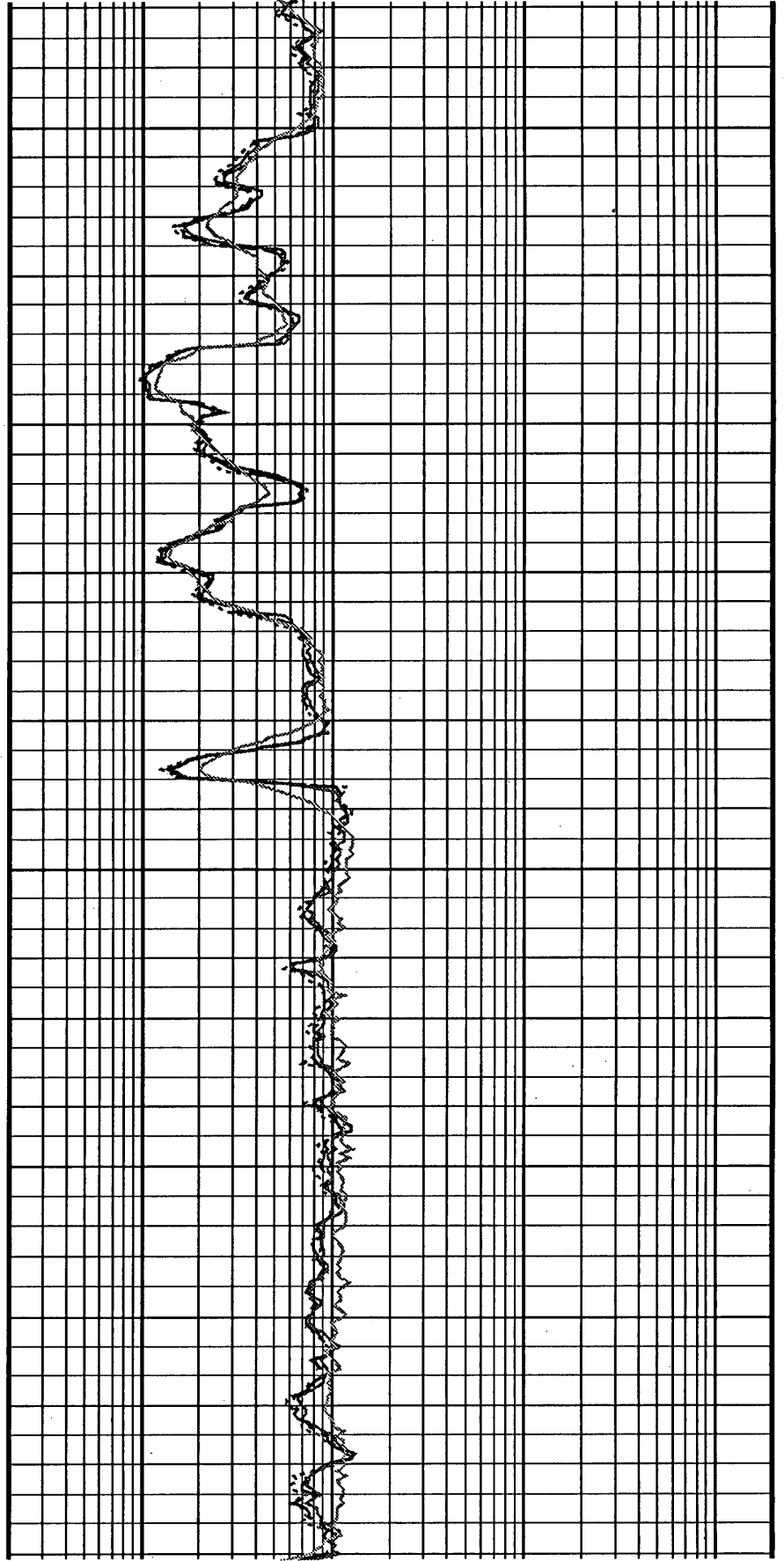
2975



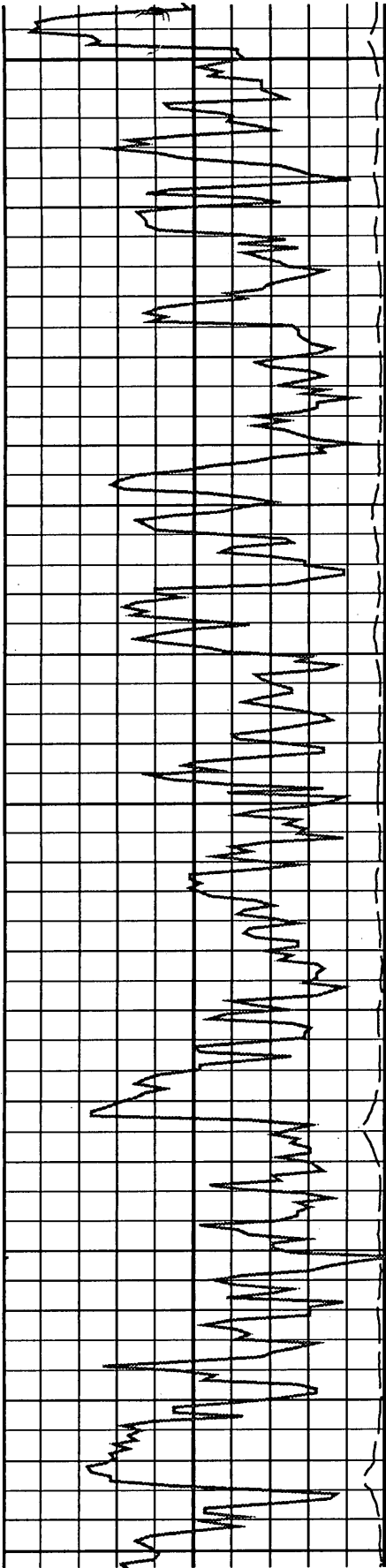


3000

3025



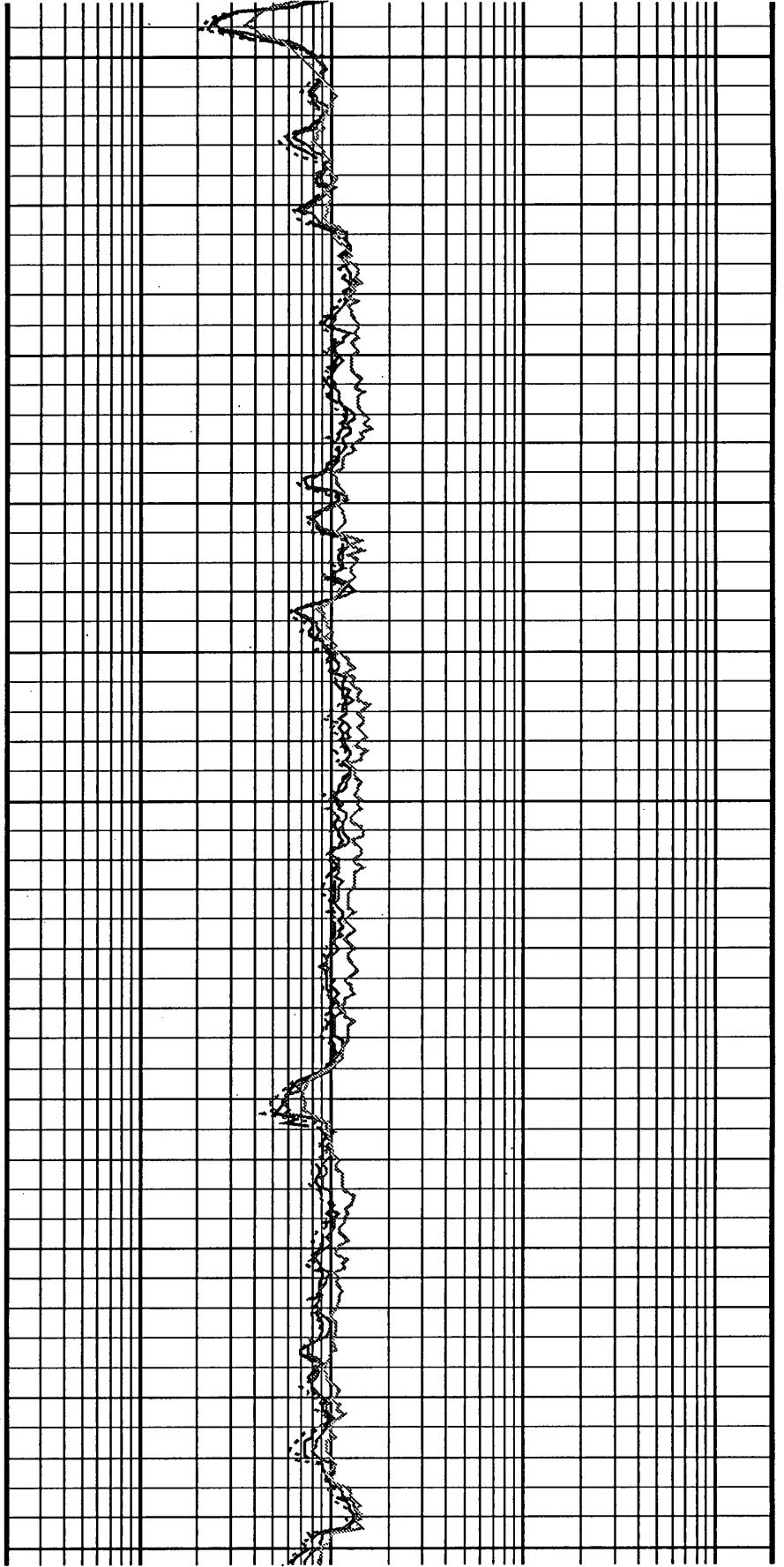


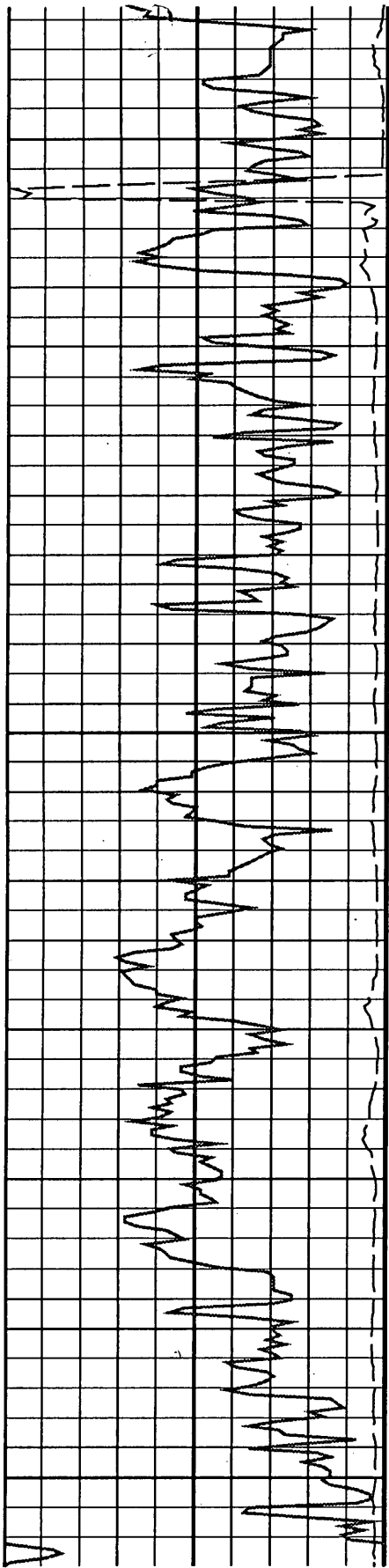


3050

3075

3100

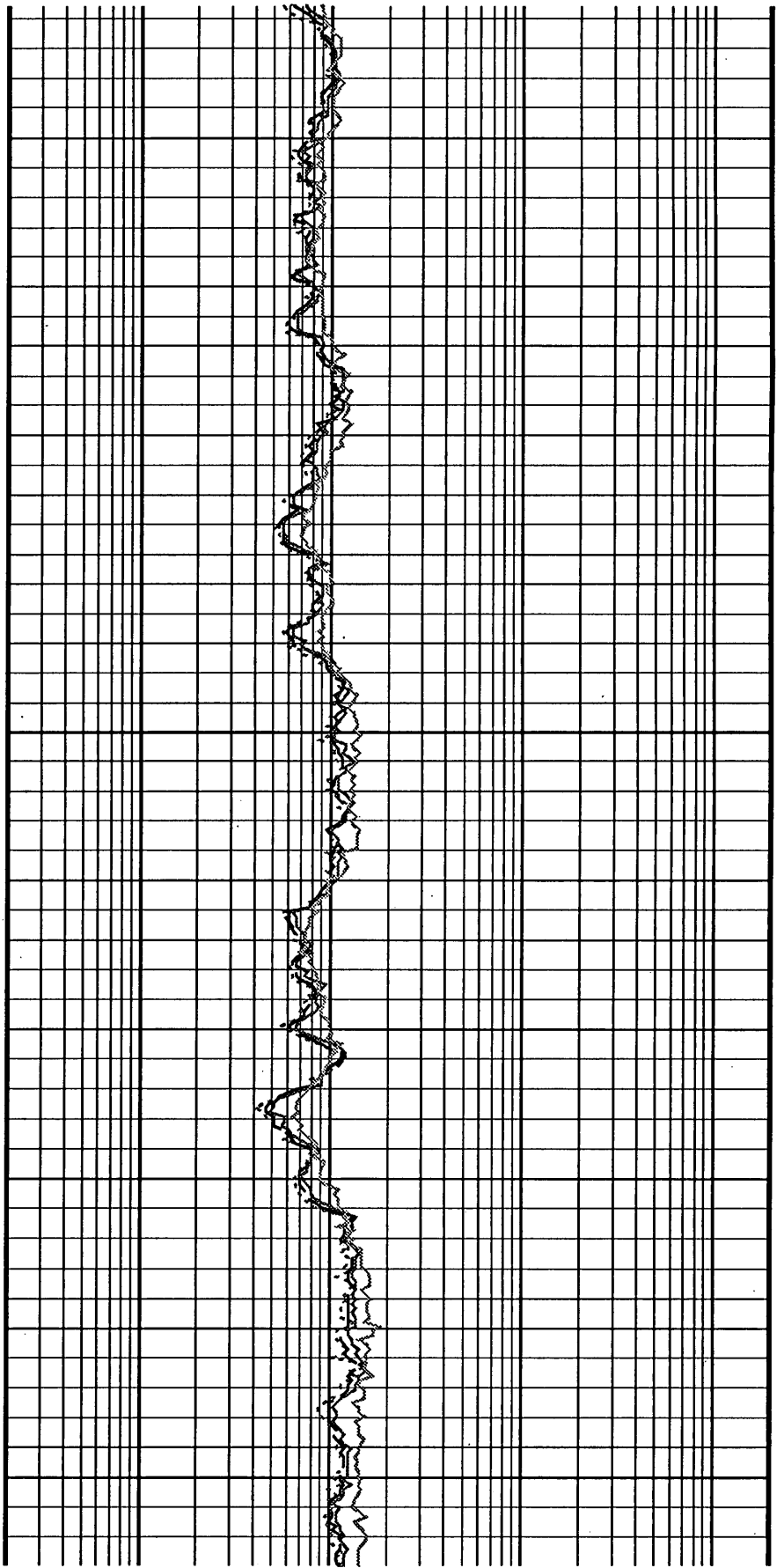


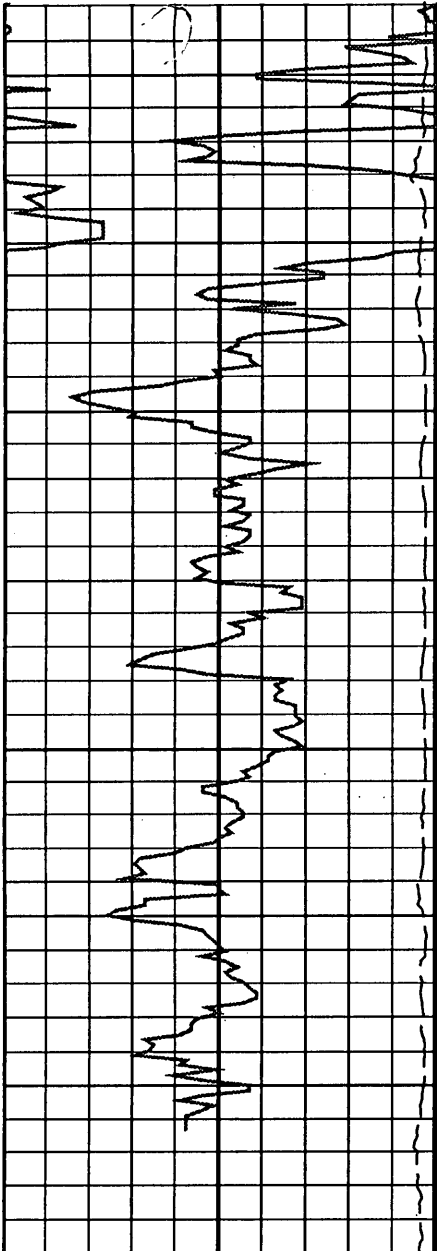


3100

3125

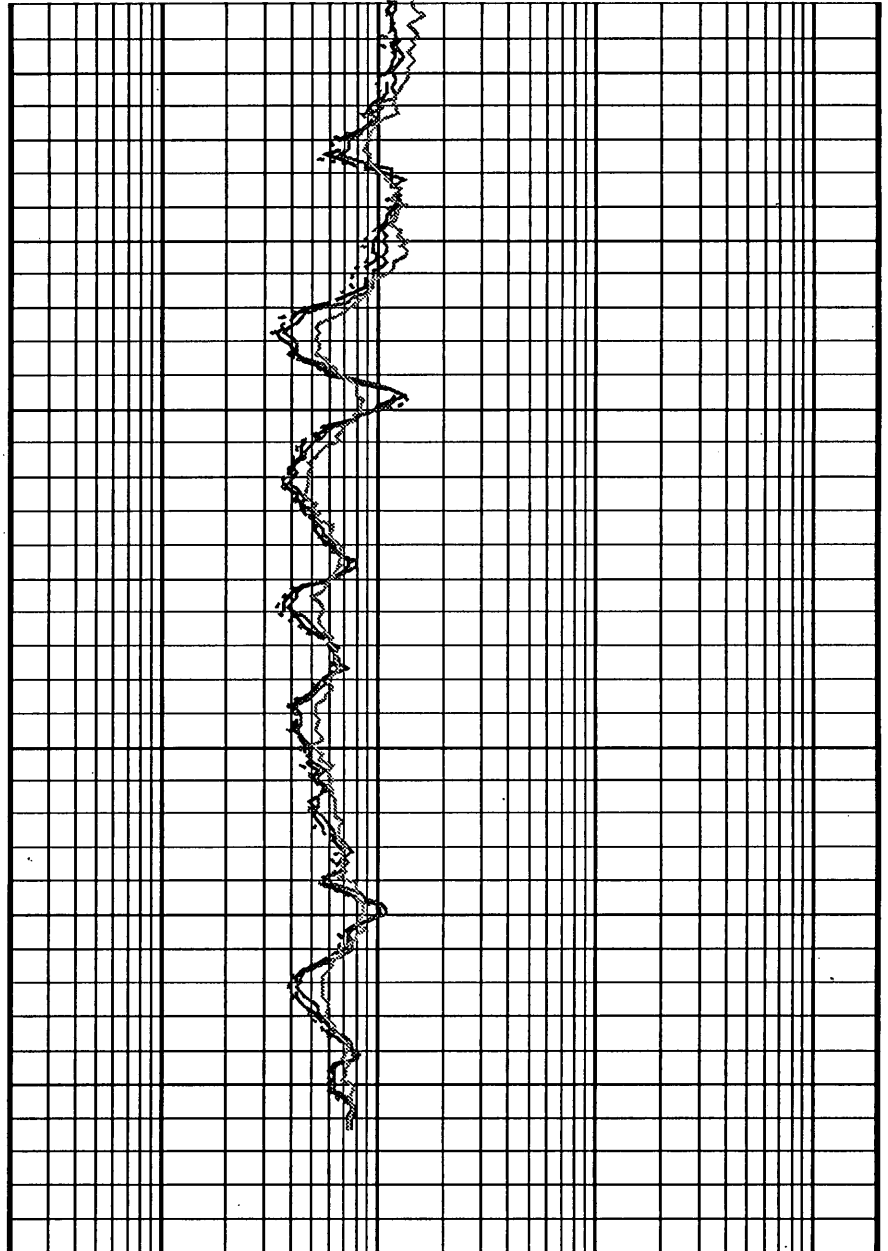
3150





|   |        |     |
|---|--------|-----|
| <b>ROP*5 (ROP5)</b>                         |        |     |
| 200   | (M/HR) | 0   |
| <b>ARC Gamma Ray, Real-Time (ARC_GR RT)</b> |        |     |
| 0   | (GAPI) | 200 |

3175



|   |        |      |
|---|--------|------|
| <b>ARC5 Phase-Shift Resistivity 16-in. at 2 MHz, Real-Time (P16H_R)</b> |        |      |
| 0.2   | (OHMM) | 2000 |
| <b>ARC5 Phase-Shift Resistivity 28-in. at 2 MHz, Real-Time (P28H_R)</b> |        |      |
| 0.2   | (OHMM) | 2000 |
| <b>ARC5 Phase-Shift Resistivity 40-in. at 2 MHz, Real-Time (P40H_R)</b> |        |      |
| 0.2   | (OHMM) | 2000 |
| <b>ARC5 Attenuation Resistivity 40-in. at 2 MHz, Real-Time (A40H_R)</b> |        |      |
| 0.2   | (OHMM) | 2000 |



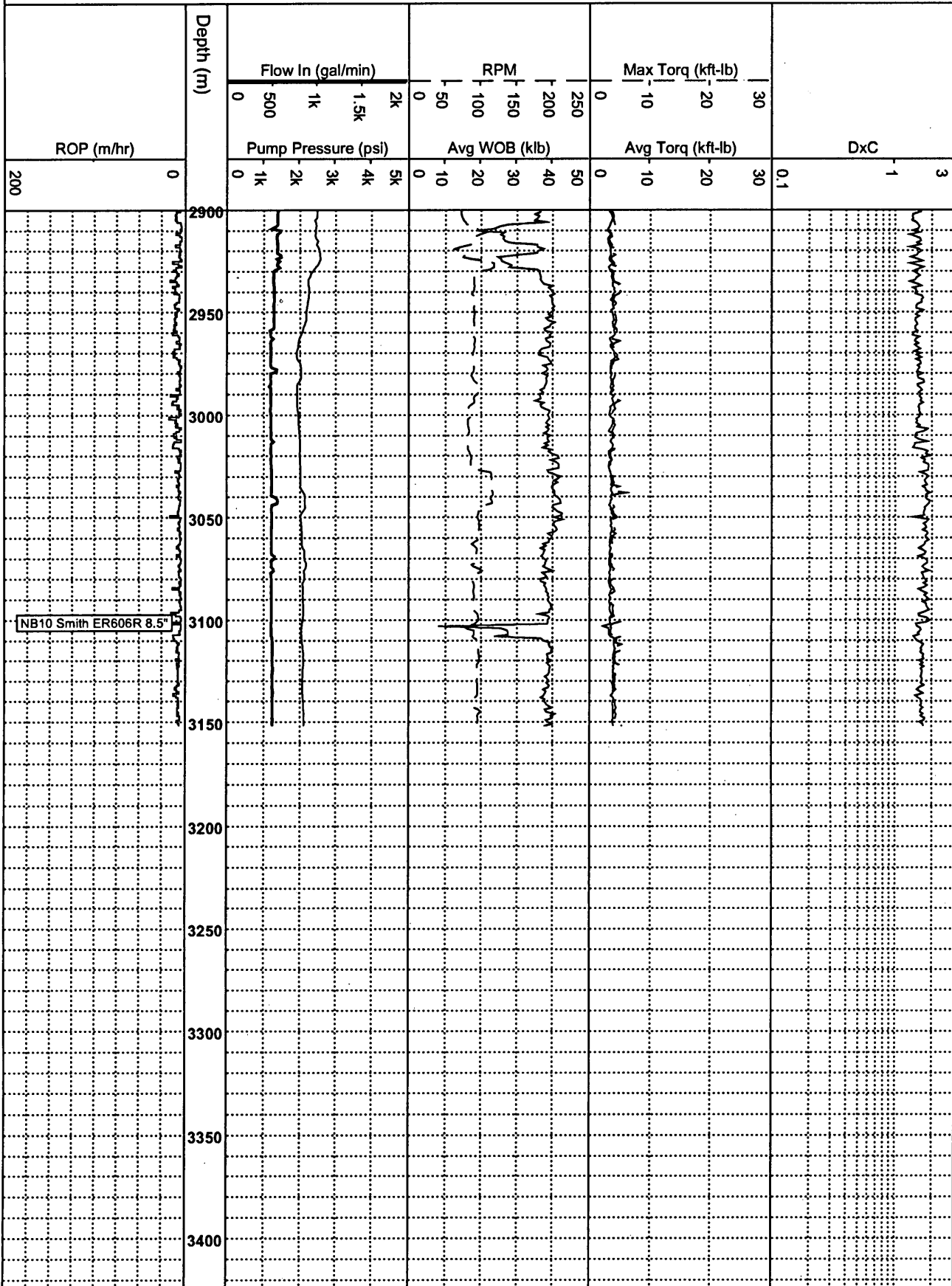
# DRILLING DATA PLOT

## Melville-1



INTEQ

Scale: 1:2500.0





**FORMATION EVALUATION LOG**  
**Melville-1**  
**SCALE: 1:500.0**



INTEQ

| DRILLING PROGRESS |           | DEPTH (m) | CUTTINGS LITHOLOGY | INTERPRETED LITHOLOGY | CORE | CUT FLUORESCENCE | CALCIOMETRY | COMMENTS |
|-------------------|-----------|-----------|--------------------|-----------------------|------|------------------|-------------|----------|
| GAMMA (API)       | WOB (klb) |           |                    |                       |      |                  |             |          |
| 0                 | 40        | 0         |                    |                       |      |                  |             |          |
| 80                | 30        | 100       |                    |                       |      |                  |             |          |
| 120               | 20        | 200       |                    |                       |      |                  |             |          |
| 160               | 10        | 300       |                    |                       |      |                  |             |          |
| 200               | 0         | 400       |                    |                       |      |                  |             |          |
| ROP Backup (m/hr) |           | 0         |                    |                       |      |                  |             |          |
| 40                | 30        | 100       |                    |                       |      |                  |             |          |
| 80                | 20        | 200       |                    |                       |      |                  |             |          |
| 120               | 10        | 300       |                    |                       |      |                  |             |          |
| 160               | 0         | 400       |                    |                       |      |                  |             |          |
| ROP (m/hr)        |           | 0         |                    |                       |      |                  |             |          |
| 900               | 700       | 100       |                    |                       |      |                  |             |          |
| 1100              | 500       | 200       |                    |                       |      |                  |             |          |
| 100               | 40        | 300       |                    |                       |      |                  |             |          |
| 80                | 60        | 400       |                    |                       |      |                  |             |          |
| 60                | 40        | 500       |                    |                       |      |                  |             |          |
| 40                | 20        | 600       |                    |                       |      |                  |             |          |
| 20                | 0         | 700       |                    |                       |      |                  |             |          |
| 0                 | 0         | 800       |                    |                       |      |                  |             |          |
| 0                 | 0         | 900       |                    |                       |      |                  |             |          |
| 0                 | 0         | 1000      |                    |                       |      |                  |             |          |
| 0                 | 0         | 1100      |                    |                       |      |                  |             |          |
| 0                 | 0         | 1200      |                    |                       |      |                  |             |          |
| 0                 | 0         | 1300      |                    |                       |      |                  |             |          |
| 0                 | 0         | 1400      |                    |                       |      |                  |             |          |
| 0                 | 0         | 1500      |                    |                       |      |                  |             |          |
| 0                 | 0         | 1600      |                    |                       |      |                  |             |          |
| 0                 | 0         | 1700      |                    |                       |      |                  |             |          |
| 0                 | 0         | 1800      |                    |                       |      |                  |             |          |
| 0                 | 0         | 1900      |                    |                       |      |                  |             |          |
| 0                 | 0         | 2000      |                    |                       |      |                  |             |          |
| 0                 | 0         | 2100      |                    |                       |      |                  |             |          |
| 0                 | 0         | 2200      |                    |                       |      |                  |             |          |
| 0                 | 0         | 2300      |                    |                       |      |                  |             |          |
| 0                 | 0         | 2400      |                    |                       |      |                  |             |          |
| 0                 | 0         | 2500      |                    |                       |      |                  |             |          |
| 0                 | 0         | 2600      |                    |                       |      |                  |             |          |
| 0                 | 0         | 2700      |                    |                       |      |                  |             |          |
| 0                 | 0         | 2800      |                    |                       |      |                  |             |          |
| 0                 | 0         | 2900      |                    |                       |      |                  |             |          |
| 0                 | 0         | 3000      |                    |                       |      |                  |             |          |
| 0                 | 0         | 3100      |                    |                       |      |                  |             |          |
| 0                 | 0         | 3200      |                    |                       |      |                  |             |          |
| 0                 | 0         | 3300      |                    |                       |      |                  |             |          |
| 0                 | 0         | 3400      |                    |                       |      |                  |             |          |
| 0                 | 0         | 3500      |                    |                       |      |                  |             |          |
| 0                 | 0         | 3600      |                    |                       |      |                  |             |          |
| 0                 | 0         | 3700      |                    |                       |      |                  |             |          |
| 0                 | 0         | 3800      |                    |                       |      |                  |             |          |
| 0                 | 0         | 3900      |                    |                       |      |                  |             |          |
| 0                 | 0         | 4000      |                    |                       |      |                  |             |          |
| 0                 | 0         | 4100      |                    |                       |      |                  |             |          |
| 0                 | 0         | 4200      |                    |                       |      |                  |             |          |
| 0                 | 0         | 4300      |                    |                       |      |                  |             |          |
| 0                 | 0         | 4400      |                    |                       |      |                  |             |          |
| 0                 | 0         | 4500      |                    |                       |      |                  |             |          |
| 0                 | 0         | 4600      |                    |                       |      |                  |             |          |
| 0                 | 0         | 4700      |                    |                       |      |                  |             |          |
| 0                 | 0         | 4800      |                    |                       |      |                  |             |          |
| 0                 | 0         | 4900      |                    |                       |      |                  |             |          |
| 0                 | 0         | 5000      |                    |                       |      |                  |             |          |

NB10 5mhb ER606R 8.5"  
 3x16 jets  
 In 3102  
 XXXm/XXXhrs

WOB 8.0-40.7klbs  
 RPM 61-101  
 GPM 482-499  
 SPP 2011-2115psi

FG = 08% ABG .02%

SILTSTONE: dsky yelsh bm-brmsh blk, fri-mod hd, sbbkly, com sil cmt, tr carb mat, tr carb lam, tr v f qtz grs, tr pyr nods, tr mic

W 1.12sg V 54 PV/YP 17/27  
 Gels 6/8 F 3.6 FC 1  
 Sol 5.2 Sd 0.5 pH 9.3  
 Cl 31.5k Ca 260 KCl 21.8%

SANDSTONE: dk yelsh bm-brmsh gy, olv gy, occ lt gy, mod-v hd, v f-f, r m-crs qtz grs, sbrmdd-rmdd, sbsphr, mod-w srt, com arg mtrx, com sil cmt, tr carb mat, tr micmic, tr pyr nod, p vis por, n shw

SILTSTONE: brmsh gy, olv blk, brmsh blk, fri-mod hd, occ v hd, sbbkly, occ sbfiss, com sil cmt, tr pyr cmt, r cl mtrx, tr v f qtz grs, r carb mat, tr disse pyr cmt, grd to CARBONACEOUS SILTSTONE i/p

Carbide check @ 3165m  
 Theo strks = 5740  
 Actl strks = 5791  
 Avg Hole Size 8.7"

CLAYSTONE: olv gy, sft-mod hd, sbbkly-amor, stky i/p, tr carb mat






ian.reid@bassoil.com.au on 11/09/2001 08:35:34 AM

To: kourosh.mehin@nre.vic.gov.au  
 cc: (bcc: Kourosh Mehin/NRE)  
 Subject: Drilling MWD and mudlogs for Melville-1

---

Kourosh, for your files,  
 Regards  
 Ian  
 Ian Reid  
 Chief Operations Geologist  
 Bass Strait Oil Company Ltd  
 03 9614 0426  
 ian.reid@bassoil.com.au

-  - Melville-1\_mudlog\_1-500\_2800-2908m.pdf
  -  - Melville-1(MWD\_realtime\_1-500\_GR\_ARC\_2700-2909m).pdf
  -  - Melville-1(MWD\_realtime\_1-200\_GR\_ARC\_2700-2909m).pdf
- 

ANADRILL

SCHLUMBERGER

Survey report

9-Nov-2001 05:28:56 Page 1 of 3

Client.....: Bas  
 s Strait Oil Company  
 Field.....: Permit VIC/P42  
  
 Well.....: Melville-1  
 date.....:  
 API number.....:  
 date.....: 09-Nov-01  
 Engineer.....: A. Abad / M. Saicic  
 surveys....: 43  
  
 survey.....: 1432.10 m  
 COUNTY:.....: Ocean Bounty  
 survey.....: 2889.90 m  
 STATE:.....: Victoria

Spud  
 Last survey  
 Total accepted  
 MD of first  
 MD of last

----- Survey calculation methods-----  
 Geomagnetic data -----  
 Method for positions.....: Minimum curvature  
 model.....: BGGM version 2000  
 Method for DLS.....: Mason & Taylor  
 date.....: 24-Oct-2001

-----  
 Magnetic  
 Magnetic  
 Magnetic field

```

strength...: 1206.71 HCNT
----- Depth reference -----
dec (+E/W-).....: 13.17 degrees Magnetic
Permanent datum.....: GROUND LEVEL Magnetic
dip.....: -69.20 degrees
Depth reference.....:
GL above permanent.....: -100.00 m ----- MWD
survey Reference Criteria -----
KB above permanent.....: 75.00 m Reference
G.....: 1000.07 mGal
DF above permanent.....: 25.00 m Reference
H.....: 1206.71 HCNT Reference

Dip.....: -69.20 degrees
----- Vertical section origin----- Tolerance
of G.....: (+/-) 2.50 mGal
Latitude (+N/S-).....: 0.00 m Tolerance of
H.....: (+/-) 6.00 HCNT
Departure (+E/W-).....: 0.00 m Tolerance of
Dip.....: (+/-) 0.45 degrees
  
```

[(c)2001 Anadrill IDEAL ID6\_1c\_10]  
 ANADRILL SCHLUMBERGER Survey Report  
 Page 2 of 3

9-Nov-2001 05:28:56

| Seq    | Measured | Incl   | Azimuth | Course | TVD     | Vertical | Displ  |
|--------|----------|--------|---------|--------|---------|----------|--------|
| Displ  | Total    | At     | DLS     | Srvy   | Tool    | section  | +N/S-  |
| #      | depth    | angle  | angle   | length | depth   |          |        |
| +E/W-  | displ    | Azim   | (deg/   | tool   | qual    |          | (m)    |
| -      | (m)      | (deg)  | (deg)   | (m)    | (m)     | (m)      | (m)    |
| (m)    | (deg)    | 10m)   | type    | type   |         |          |        |
| 1      | 1432.10  | 2.40   | 228.90  | 0.00   | 1432.00 | -2.80    | -2.80  |
| -1.60  | 3.22     | 209.74 | 0.00    | TIP    | -       |          |        |
| 2      | 1443.09  | 2.50   | 236.20  | 10.99  | 1442.98 | -3.08    | -3.08  |
| -1.97  | 3.66     | 212.60 | 0.30    | MWD    | 6-axis  |          |        |
| 3      | 1494.71  | 2.59   | 236.48  | 51.62  | 1494.55 | -4.35    | -4.35  |
| -3.88  | 5.83     | 221.70 | 0.02    | MWD    | 6-axis  |          |        |
| 4      | 1557.58  | 2.56   | 237.49  | 62.87  | 1557.36 | -5.89    | -5.89  |
| -6.25  | 8.59     | 226.67 | 0.01    | MWD    | 6-axis  |          |        |
| 5      | 1615.86  | 2.80   | 236.37  | 58.28  | 1615.57 | -7.38    | -7.38  |
| -8.53  | 11.28    | 229.13 | 0.04    | MWD    | 6-axis  |          |        |
| 6      | 1644.61  | 2.69   | 236.51  | 28.75  | 1644.29 | -8.14    | -8.14  |
| -9.68  | 12.65    | 229.93 | 0.04    | MWD    | 6-axis  |          |        |
| 7      | 1668.50  | 2.86   | 238.36  | 23.89  | 1668.15 | -8.77    | -8.77  |
| -10.65 | 13.80    | 230.56 | 0.08    | MWD    | 6-axis  |          |        |
| 8      | 1699.25  | 2.65   | 238.80  | 30.75  | 1698.87 | -9.54    | -9.54  |
| -11.92 | 15.26    | 231.33 | 0.07    | MWD    | 6-axis  |          |        |
| 9      | 1727.71  | 2.60   | 239.64  | 28.46  | 1727.30 | -10.20   | -10.20 |
| -13.03 | 16.55    | 231.95 | 0.02    | MWD    | 6-axis  |          |        |
| 10     | 1756.63  | 2.51   | 238.85  | 28.92  | 1756.19 | -10.86   | -10.86 |
| -14.14 | 17.83    | 232.48 | 0.03    | MWD    | 6-axis  |          |        |
| 11     | 1786.00  | 2.34   | 240.28  | 29.37  | 1785.53 | -11.49   | -11.49 |
| -15.21 | 19.07    | 232.93 | 0.06    | MWD    | 6-axis  |          |        |

|        |         |        |        |       |         |        |        |
|--------|---------|--------|--------|-------|---------|--------|--------|
| 12     | 1814.34 | 2.29   | 240.62 | 28.34 | 1813.85 | -12.06 | -12.06 |
| -16.21 | 20.20   | 233.36 | 0.02   | MWD   | 6-axis  |        |        |
| 13     | 1843.18 | 2.18   | 239.19 | 28.84 | 1842.67 | -12.62 | -12.62 |
| -17.18 | 21.32   | 233.70 | 0.04   | MWD   | 6-axis  |        |        |
| 14     | 1901.41 | 1.96   | 237.87 | 58.23 | 1900.86 | -13.72 | -13.72 |
| -18.98 | 23.42   | 234.14 | 0.04   | MWD   | 6-axis  |        |        |
| 15     | 1931.65 | 1.78   | 237.81 | 30.24 | 1931.08 | -14.24 | -14.24 |
| -19.81 | 24.40   | 234.29 | 0.06   | MWD   | 6-axis  |        |        |
| 16     | 1960.46 | 1.72   | 237.86 | 28.81 | 1959.88 | -14.71 | -14.71 |
| -20.56 | 25.28   | 234.41 | 0.02   | MWD   | 6-axis  |        |        |
| 17     | 1989.04 | 1.62   | 235.40 | 28.58 | 1988.45 | -15.17 | -15.17 |
| -21.25 | 26.11   | 234.49 | 0.04   | MWD   | 6-axis  |        |        |
| 18     | 2047.36 | 1.44   | 230.77 | 58.32 | 2046.74 | -16.10 | -16.10 |
| -22.50 | 27.67   | 234.41 | 0.04   | MWD   | 6-axis  |        |        |
| 19     | 2075.90 | 1.46   | 228.72 | 28.54 | 2075.28 | -16.57 | -16.57 |
| -23.05 | 28.39   | 234.30 | 0.02   | MWD   | 6-axis  |        |        |
| 20     | 2104.97 | 1.26   | 223.46 | 29.07 | 2104.34 | -17.04 | -17.04 |
| -23.55 | 29.07   | 234.11 | 0.08   | MWD   | 6-axis  |        |        |
| 21     | 2133.36 | 1.26   | 222.20 | 28.39 | 2132.72 | -17.50 | -17.50 |
| -23.97 | 29.68   | 233.87 | 0.01   | MWD   | 6-axis  |        |        |
| 22     | 2161.89 | 1.14   | 222.54 | 28.53 | 2161.24 | -17.94 | -17.94 |
| -24.38 | 30.27   | 233.64 | 0.04   | MWD   | 6-axis  |        |        |
| 23     | 2190.93 | 1.21   | 218.85 | 29.04 | 2190.28 | -18.39 | -18.39 |
| -24.76 | 30.85   | 233.40 | 0.04   | MWD   | 6-axis  |        |        |
| 24     | 2220.38 | 1.11   | 218.25 | 29.45 | 2219.72 | -18.86 | -18.86 |
| -25.13 | 31.42   | 233.12 | 0.03   | MWD   | 6-axis  |        |        |
| 25     | 2249.29 | 1.04   | 218.39 | 28.91 | 2248.63 | -19.29 | -19.29 |
| -25.47 | 31.95   | 232.87 | 0.02   | MWD   | 6-axis  |        |        |
| 26     | 2278.19 | 0.90   | 218.62 | 28.90 | 2277.52 | -19.67 | -19.67 |
| -25.78 | 32.42   | 232.65 | 0.05   | MWD   | 6-axis  |        |        |
| 27     | 2307.52 | 0.99   | 219.17 | 29.33 | 2306.85 | -20.04 | -20.04 |
| -26.08 | 32.89   | 232.45 | 0.03   | MWD   | 6-axis  |        |        |
| 28     | 2336.95 | 1.01   | 219.68 | 29.43 | 2336.27 | -20.44 | -20.44 |
| -26.41 | 33.39   | 232.26 | 0.01   | MWD   | 6-axis  |        |        |
| 29     | 2365.20 | 0.95   | 216.00 | 28.25 | 2364.52 | -20.82 | -20.82 |
| -26.70 | 33.86   | 232.05 | 0.03   | MWD   | 6-axis  |        |        |
| 30     | 2394.92 | 1.02   | 211.37 | 29.72 | 2394.24 | -21.25 | -21.25 |
| -26.98 | 34.35   | 231.78 | 0.04   | MWD   | 6-axis  |        |        |

```

=====
=====
Seq Measured Incl Azimuth Course TVD Vertical Displ
Displ Total At DLS Srvy Tool section +N/S-
# depth angle angle length tool qual
+E/W- displ Azim (deg/ tool qual
- (m) (deg) (deg) (m) (m) (m) (m) (m)
(m) (deg) 10m) type type
=====
=====

```



|        |         |        |        |       |         |        |        |
|--------|---------|--------|--------|-------|---------|--------|--------|
| 3      | 2422.33 | 1.09   | 213.07 | 27.41 | 2421.64 | -21.67 | -21.67 |
| -27.25 | 34.82   | 231.51 | 0.03   | MWD   | 6-axis  |        |        |
| 32     | 2480.97 | 1.04   | 210.77 | 58.64 | 2480.27 | -22.60 | -22.60 |
| -27.83 | 35.85   | 230.92 | 0.01   | MWD   | 6-axis  |        |        |
| 33     | 2538.48 | 1.07   | 207.79 | 57.51 | 2537.77 | -23.52 | -23.52 |
| -28.35 | 36.84   | 230.31 | 0.01   | MWD   | 6-axis  |        |        |
| 34     | 2558.35 | 1.06   | 210.59 | 19.87 | 2557.64 | -23.84 | -23.84 |
| -28.53 | 37.18   | 230.11 | 0.03   | MWD   | 6-axis  |        |        |
| 35     | 2590.86 | 1.13   | 214.63 | 32.50 | 2590.13 | -24.37 | -24.37 |
| -28.86 | 37.77   | 229.83 | 0.03   | MWD   | 6-axis  |        |        |
| 36     | 2648.71 | 1.10   | 221.39 | 57.86 | 2647.98 | -25.25 | -25.25 |
| -29.55 | 38.87   | 229.49 | 0.02   | MWD   | 6-axis  |        |        |
| 37     | 2677.84 | 1.17   | 224.01 | 29.13 | 2677.10 | -25.68 | -25.68 |
| -29.95 | 39.45   | 229.39 | 0.03   | MWD   | 6-axis  |        |        |
| 38     | 2743.69 | 1.35   | 230.93 | 65.85 | 2742.94 | -26.65 | -26.65 |
| -31.02 | 40.89   | 229.33 | 0.04   | MWD   | 6-axis  |        |        |
| 39     | 2772.78 | 1.31   | 229.00 | 29.09 | 2772.02 | -27.08 | -27.08 |
| -31.53 | 41.57   | 229.34 | 0.02   | MWD   | 6-axis  |        |        |
| 40     | 2801.94 | 1.34   | 230.09 | 29.16 | 2801.17 | -27.52 | -27.52 |
| -32.05 | 42.24   | 229.34 | 0.01   | MWD   | 6-axis  |        |        |
| 41     | 2830.87 | 1.60   | 226.88 | 28.93 | 2830.09 | -28.01 | -28.01 |
| -32.60 | 42.98   | 229.33 | 0.09   | MWD   | 6-axis  |        |        |
| 42     | 2862.03 | 1.75   | 228.47 | 31.16 | 2861.24 | -28.63 | -28.63 |
| -33.27 | 43.89   | 229.29 | 0.05   | MWD   | 6-axis  |        |        |
| 43     | 2889.90 | 2.04   | 226.84 | 27.87 | 2889.10 | -29.25 | -29.25 |
| -33.95 | 44.81   | 229.26 | 0.11   | MWD   | 6-axis  |        |        |

[(c)2001 Anadrill IDEAL ID6\_1C\_10]



- Melville-1\_drilllog\_1-2500\_2700-2876m.pdf



# FORMATION EVALUATION LOG

## Melville-1

### SCALE: 1:500.0



INTEQ

| DRILLING PROGRESS  |     |     |     | DEPTH (m) | CUTTINGS LITHOLOGY | INTERPRETED LITHOLOGY | CORE | CUT FLUORESCENCE | CALCIMETRY | COMMENTS |
|--|-----|-----|-----|-----------|--------------------|-----------------------|------|------------------|------------|----------|
| GAMMA (API)  |     |     |     |           |                    |                       |      |                  |            |          |
| 0  | 40  | 80  | 120 | 200       |                    |                       |      |                  |            |          |
| WOB (klb)  |     |     |     | 0         |                    |                       |      |                  |            |          |
| 50   | 40  | 30  | 20  | 100       |                    |                       |      |                  |            |          |
| ROP Backup (m/hr)  |     |     |     | 0         |                    |                       |      |                  |            |          |
| 100  | 900 | 700 | 500 | 300       |                    |                       |      |                  |            |          |
| ROP (m/hr)   |     |     |     | 0         |                    |                       |      |                  |            |          |
| 100  | 80  | 60  | 40  | 20        |                    |                       |      |                  |            |          |
| <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>WOB 8.9-19.0klbs<br/>RPM 148-233<br/>GPM 400-570<br/>SPP 1627-2582psi</p> </div> <div style="width: 20%;"> <p>NB9 HTC MX20D 8.5"<br/>3x16 jets<br/>In xxxm<br/>xxxm/xhrs</p> </div> <div style="width: 20%;"> <p>WOB 10.2-37.3klbs<br/>RPM 59-146<br/>GPM 332-560<br/>SPP 1254-2553psi</p> </div> </div>   |     |     |     |           |                    |                       |      |                  |            |          |
| <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>Survey @ 2830.87m<br/>Dev 1.60 deg<br/>Azi 226.88 deg<br/>TVD 2830.09m</p> </div> <div style="width: 20%;"> <p>SILTSTONE: lt olv gy-olv gy, occ olv blk, sft-frm, occ amor, stky, tr carb mat, tr carb lam</p> </div> <div style="width: 20%;"> <p>W 1.15sg V 56 PV/YP 18/28<br/>Gels 6/8 F 3.4 FC 1<br/>Sol 5.7 Sd 0.5 pH 9.1<br/>Cl 32k Ca 280 KCl 6.5%</p> </div> <div style="width: 20%;"> <p>VOLCANICS:<br/>TUFF: grnsh gy-brnsh gy, mot tex, sft-frm<br/>ALTERED WEATHERED BASALT:<br/>gysh rd, brnsh gy, sft-v sft, amor<br/>BASALT: grnsh blk-dk brn, blk, hd-v hd, r FeMg xln minerals</p> </div> <div style="width: 20%;"> <p>SANDSTONE: v lt gy, occ gy, clr-trans, occ fros, qtz grs, f-m, occ crs, subang-subbrn, sb sphr, p srt, com mod hd-hd aggs, w com sil args mtrx, tr pyr nod, tr dissem pyr, tr pyr cmt, tr carb mat, tr rmd lit</p> </div> <div style="width: 20%;"> <p>SILTSTONE: olv gy, occ olv blk, sft-mod hd, sbbky, com sil cmt, tr pyr cmt, r-c carb lam</p> </div> <div style="width: 20%;"> <p>Survey @ 2889.90m<br/>Dev 2.04 deg<br/>Azi 226.84 deg<br/>TVD 2889.10m</p> </div> </div> |     |     |     |           |                    |                       |      |                  |            |          |

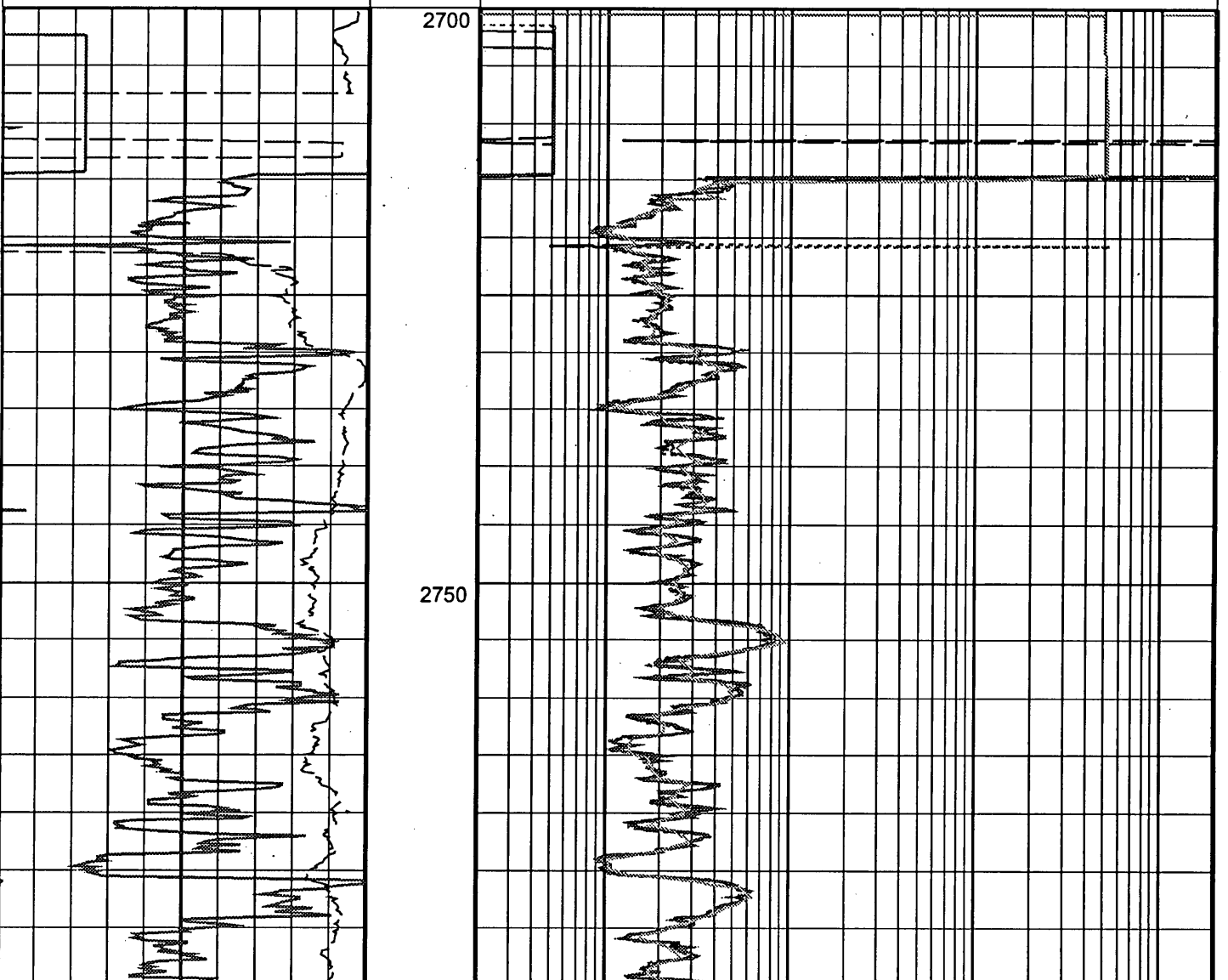


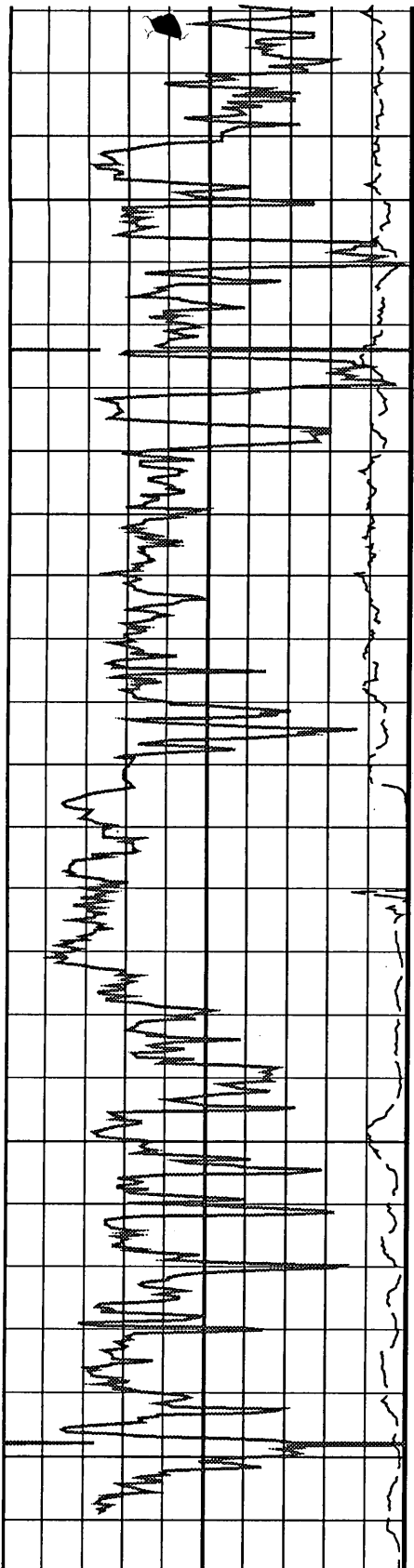
# Melville 1 ARC RT Log 500 MD

IDEAL Version: ID6\_1C\_10 <MD > Vertical Scale: 1:500

Graphics File Created: 09-Nov-2001 06:0

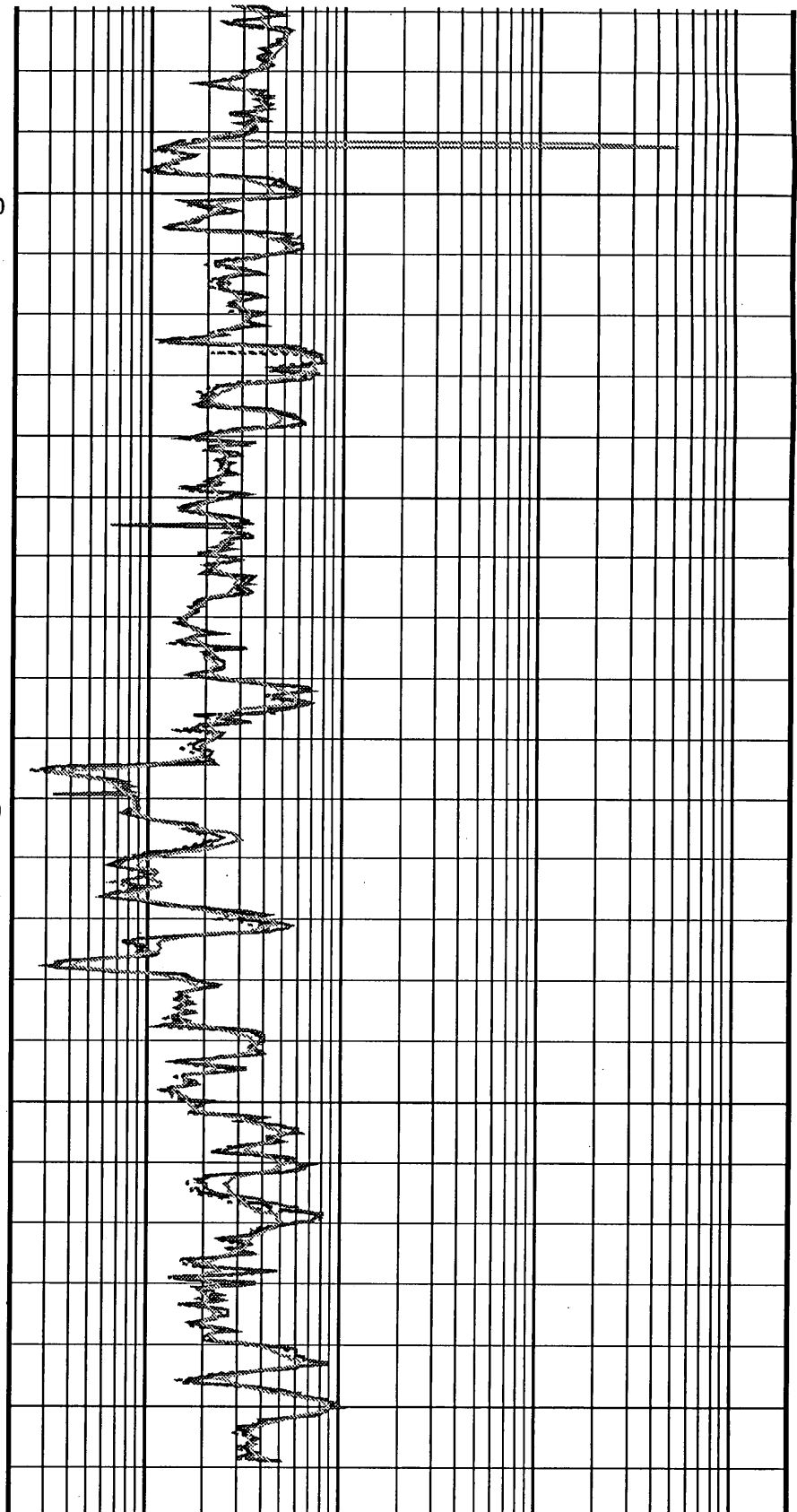
|   |   |     |        |      |
|---|---|-----|--------|------|
|   | <b>ARC5 Attenuation Resistivity 40-in. at 2 MHz, Real-Time (A40H_R)</b> | 0.2 | (OHMM) | 2000 |
|   | <b>ARC5 Phase-Shift Resistivity 40-in. at 2 MHz, Real-Time (P40H_R)</b> | 0.2 | (OHMM) | 2000 |
| <b>ARC Gamma Ray, Real-Time (ARC_GR_RT)</b> | <b>ARC5 Phase-Shift Resistivity 28-in. at 2 MHz, Real-Time (P28H_R)</b> | 0.2 | (OHMM) | 2000 |
| 0 (GAPI) 200                                | <b>ARC5 Phase-Shift Resistivity 16-in. at 2 MHz, Real-Time (P16H_R)</b> | 0.2 | (OHMM) | 2000 |
| <b>ROP*5 (ROP5)</b>                         |   |     |        |      |
| 200 (M/HR) 0                                |   |     |        |      |





ROP\*5 (ROP5)  
(M/HR)

ARC Gamma Ray, Real-Time (ARC\_GR\_RT)  
(GAPI)



ARC5 Phase-Shift Resistivity 16-in. at 2 MHz, Real-Time (P16H\_R)  
(OHMM)

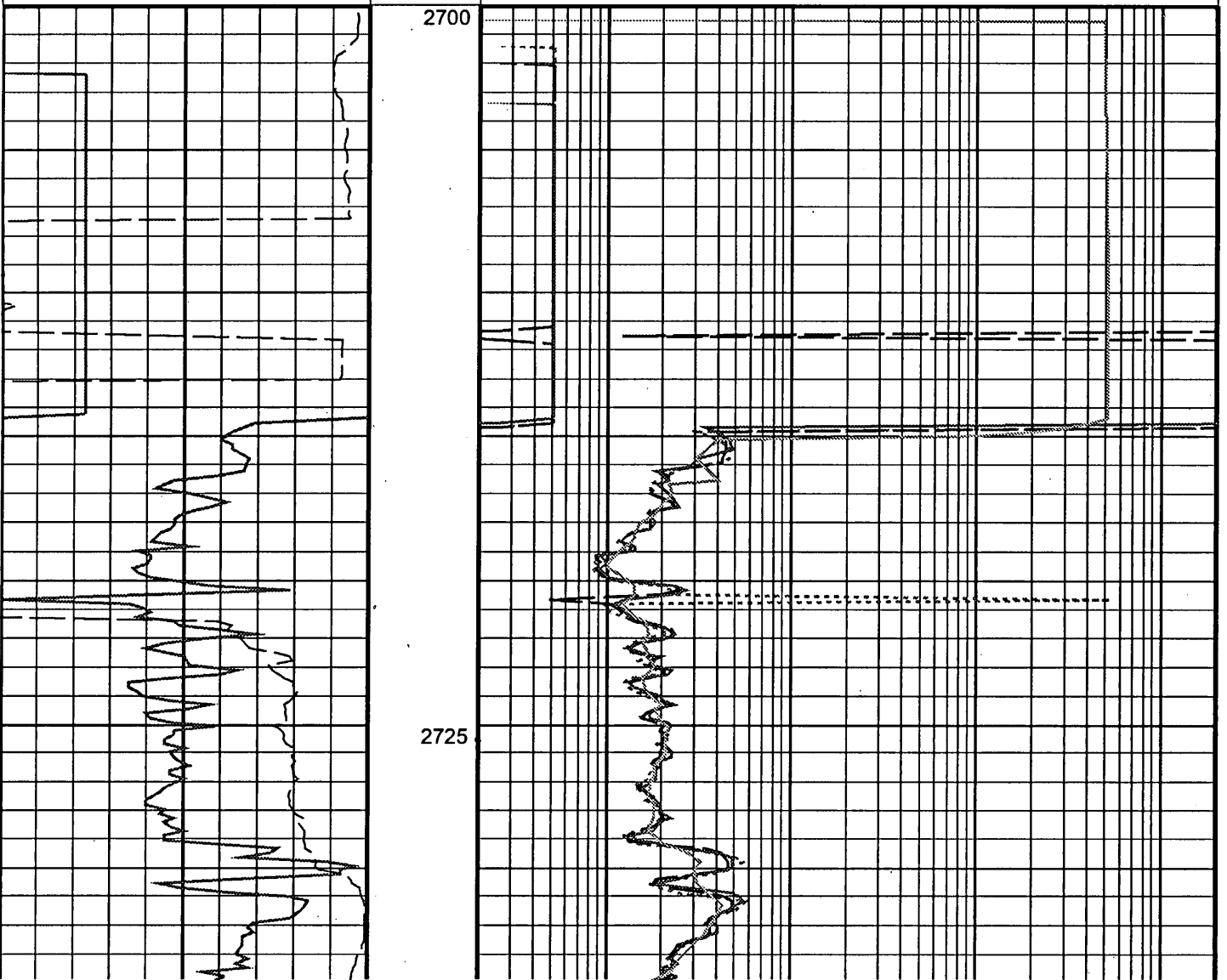
ARC5 Phase-Shift Resistivity 28-in. at 2 MHz, Real-Time (P28H\_R)  
(OHMM)

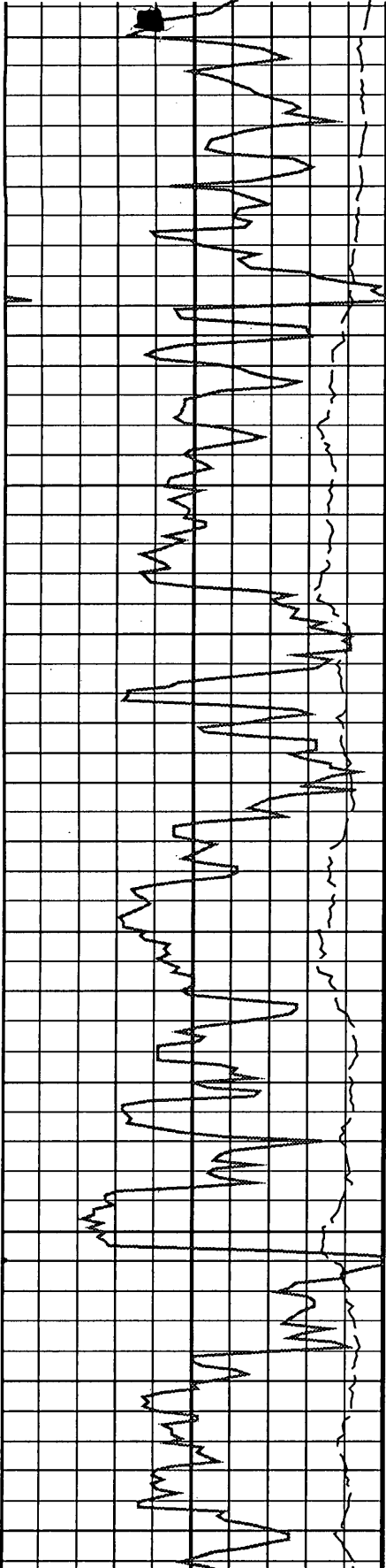
# Melville 1 ARC RT Log 200 MD

IDEAL Version: ID6\_1C\_10 <MD > Vertical Scale: 1:200

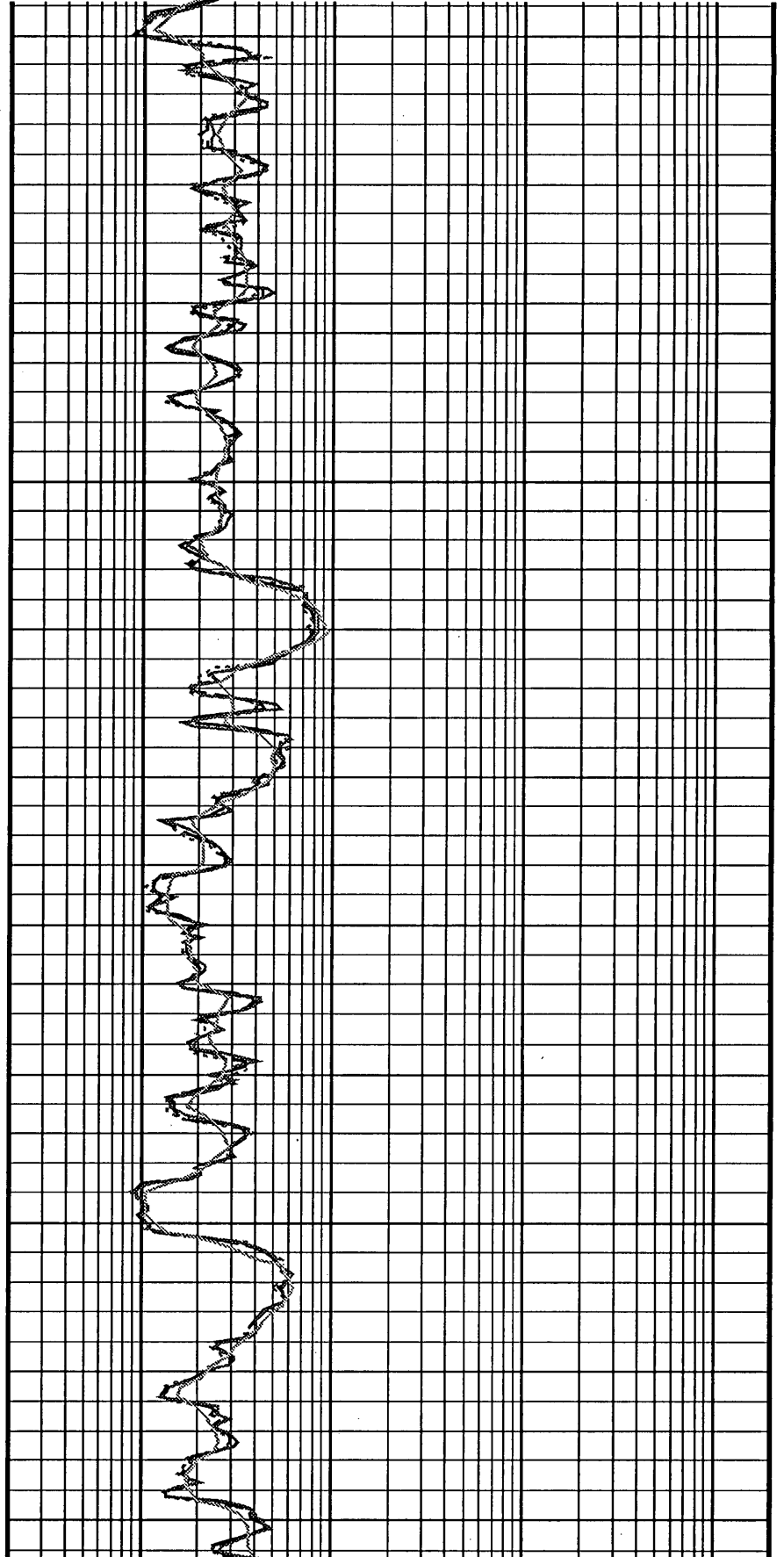
Graphics File Created: 09-Nov-2001 06:0

|                                      |  |     |        |      |
|--------------------------------------|--|-----|--------|------|
|                                      | ARC5 Attenuation Resistivity 40-in. at 2 MHz, Real-Time (A40H_R) | 0.2 | (OHMM) | 2000 |
|                                      | ARC5 Phase-Shift Resistivity 40-in. at 2 MHz, Real-Time (P40H_R) | 0.2 | (OHMM) | 2000 |
| ARC Gamma Ray, Real-Time (ARC_GR_RT) | ARC5 Phase-Shift Resistivity 28-in. at 2 MHz, Real-Time (P28H_R) | 0.2 | (OHMM) | 2000 |
| 0 (GAPI) 200                         | ARC5 Phase-Shift Resistivity 16-in. at 2 MHz, Real-Time (P16H_R) | 0.2 | (OHMM) | 2000 |
| ROP*5 (ROP5)                         |  |     |        |      |
| 200 (M/HR) 0                         |  |     |        |      |

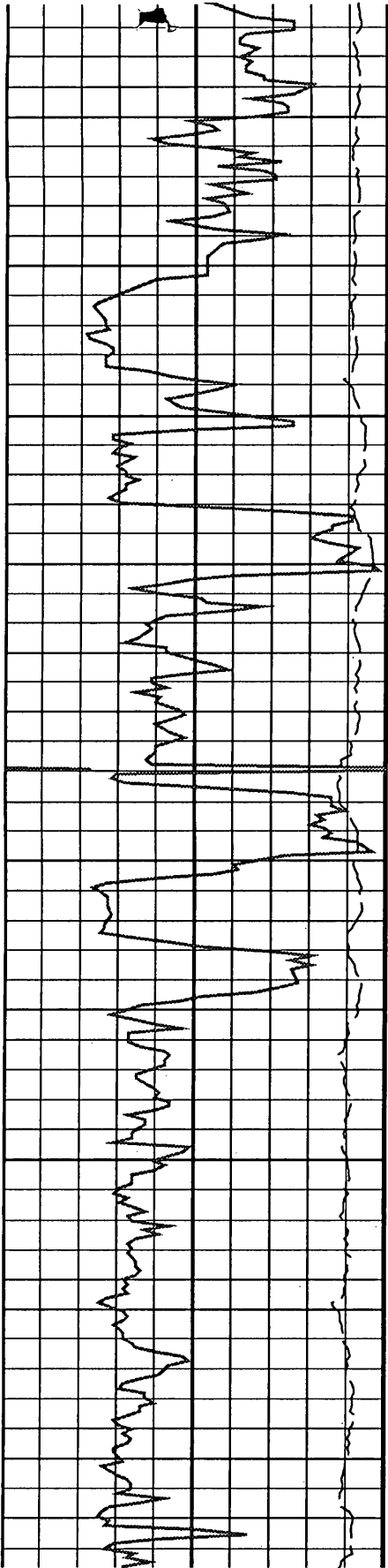




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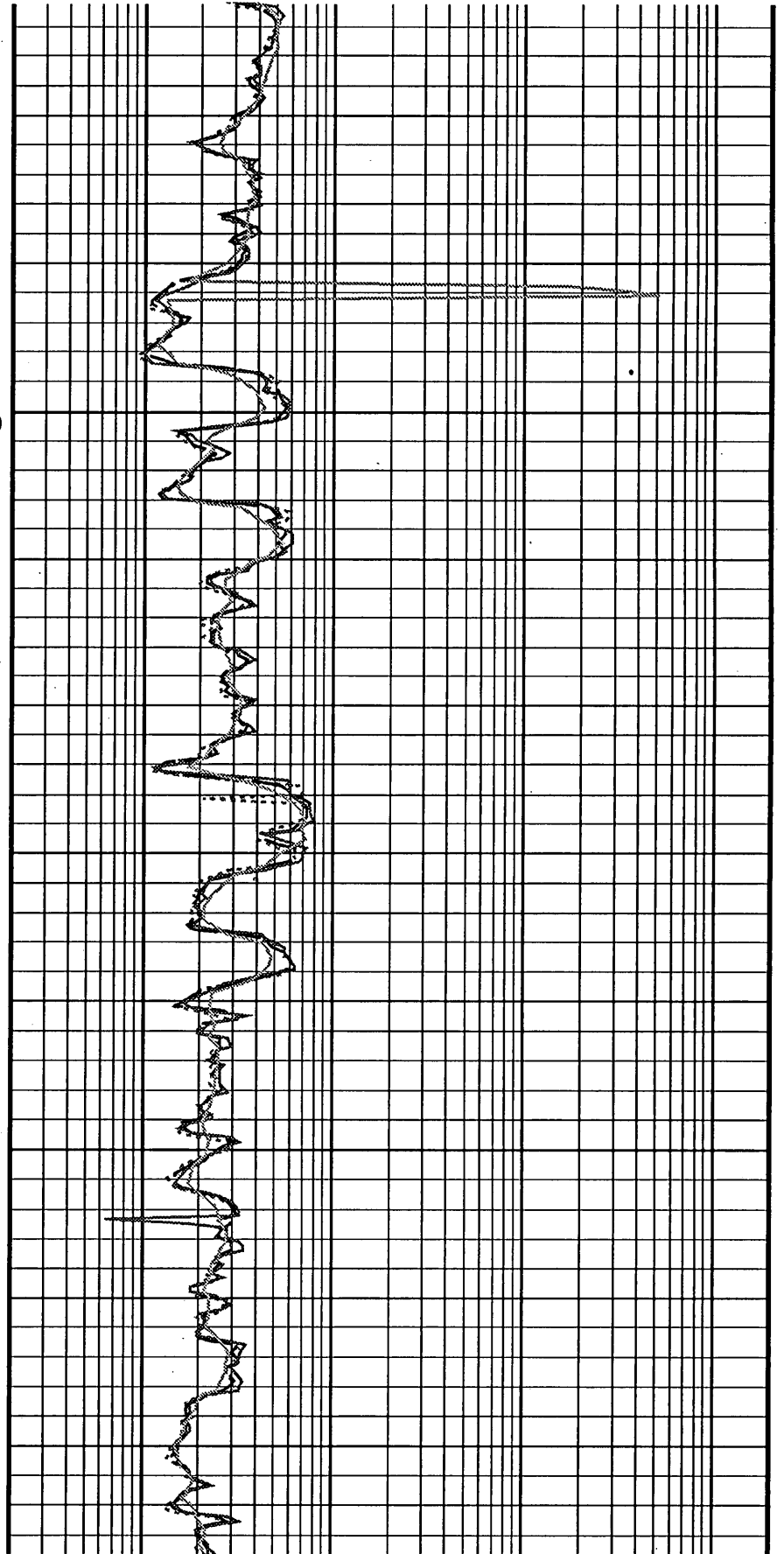


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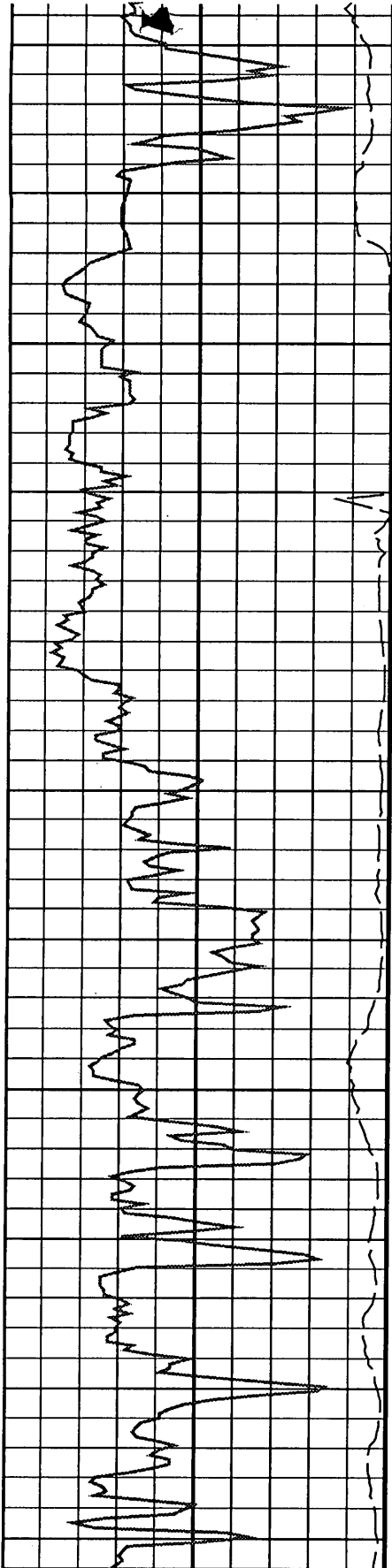


2800

2825

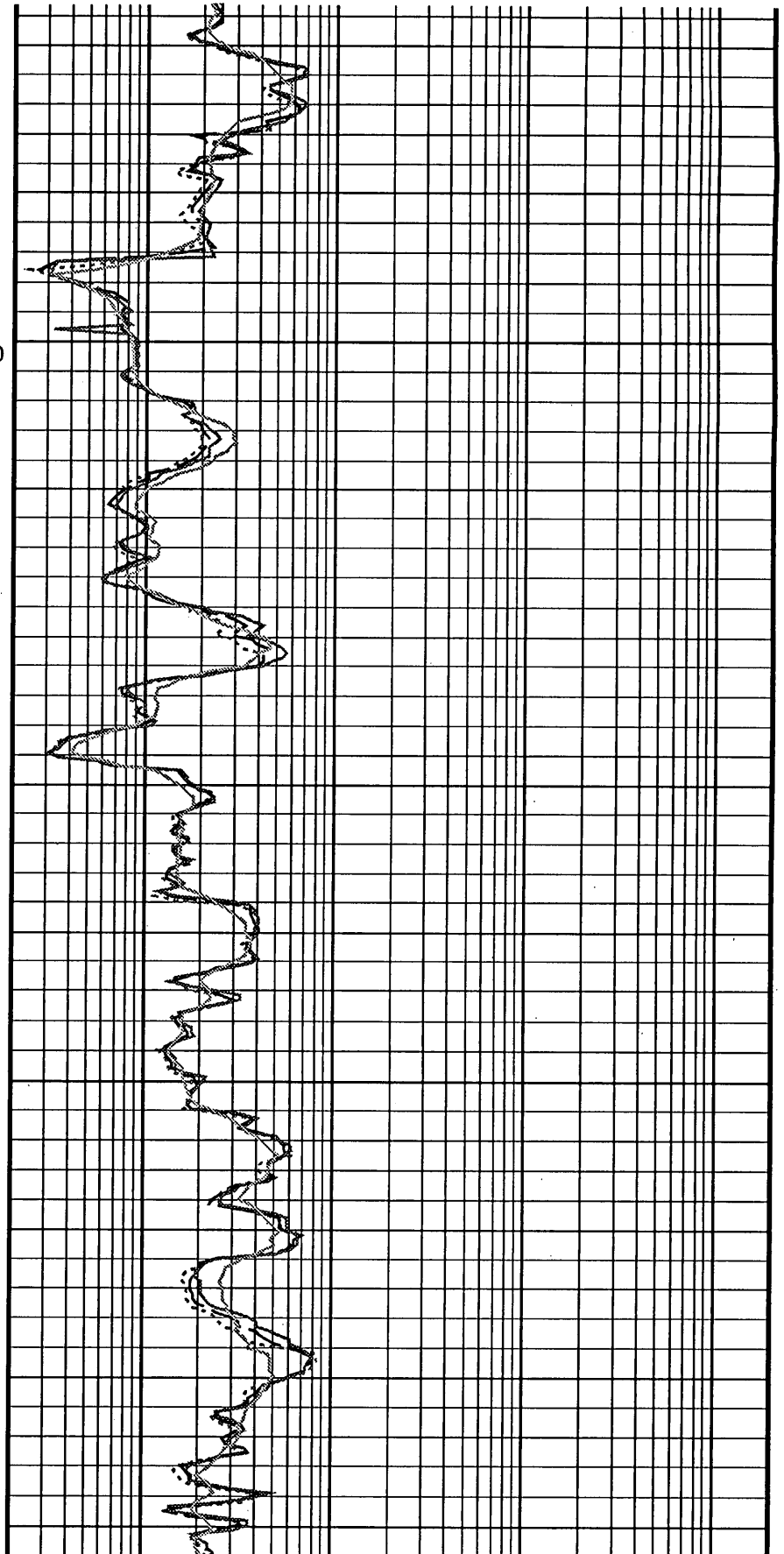


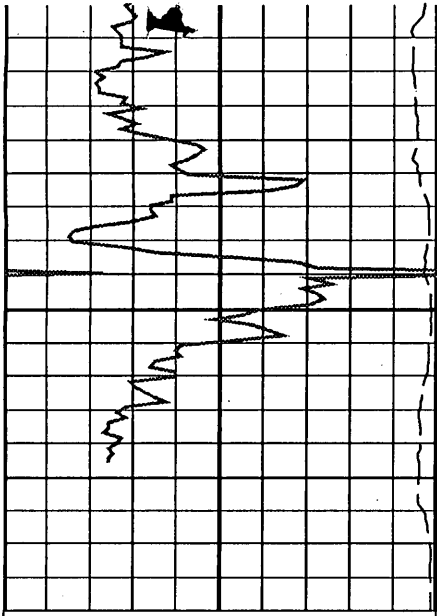




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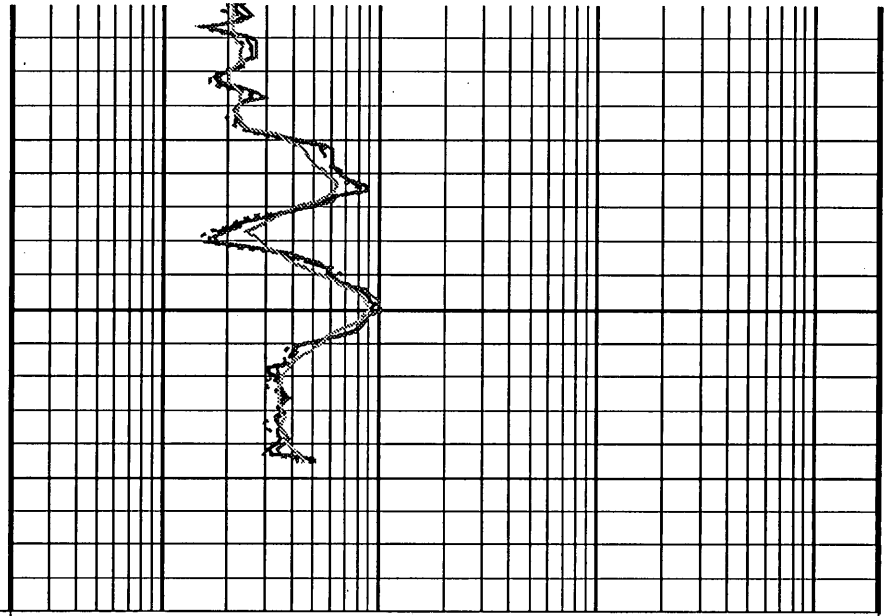
2875





|                                      |        |     |
|--------------------------------------|--------|-----|
| ROP*5 (ROP5)                         |        |     |
| 200                                  | (M/HR) | 0   |
| ARC Gamma Ray, Real-Time (ARC_GR_RT) |        |     |
| 0                                    | (GAPI) | 200 |

2900



|  |        |      |
|--|--------|------|
| ARC5 Phase-Shift Resistivity 16-in. at 2 MHz, Real-Time (P16H_R) |        |      |
| 0.2  | (OHMM) | 2000 |
| ARC5 Phase-Shift Resistivity 28-in. at 2 MHz, Real-Time (P28H_R) |        |      |
| 0.2  | (OHMM) | 2000 |
| ARC5 Phase-Shift Resistivity 40-in. at 2 MHz, Real-Time (P40H_R) |        |      |
| 0.2  | (OHMM) | 2000 |
| ARC5 Attenuation Resistivity 40-in. at 2 MHz, Real-Time (A40H_R) |        |      |
| 0.2  | (OHMM) | 2000 |






ian.reid@bassoil.com.au on 11/08/2001 08:08:36 AM

To: kourosh.mehin@nre.vic.gov.au  
 cc: (bcc: Kourosh Mehin/NRE)  
 Subject: Daily log data for DNRE

---

Kourosh, here are the daily logs for the DNRE,  
 Regards  
 Ian  
 Ian Reid  
 Chief Operations Geologist  
 Bass Strait Oil Company Ltd  
 03 9614 0426  
 ian.reid@bassoil.com.au

-  - Melville-1\_mudlog\_1-500\_2700-2856m.pdf
-  - Melville-1(MWD\_realtime\_1-200\_GR\_ARC\_2700m-2855m).pdf
-  - Melville-1(MWD\_realtime\_1-500\_GR\_ARC\_2700-2855m).pdf

ANADRILL

SCHLUMBERGER

Survey report

8-Nov-2001 01:53:44 Page 1 of 3

Client.....: Bass Strait Oil Company  
 Field.....: Permit VIC/P42

Well.....: Melville-1  
 date.....:

API number.....:  
 date.....: 07-Nov-01

Engineer.....: A. Abad / M. Saicic  
 surveys....: 40

survey.....: 1432.10 m  
 COUNTY.....: Ocean Bounty  
 survey.....: 2801.94 m  
 STATE.....: Victoria

----- Survey calculation methods-----

Geomagnetic data -----  
 Method for positions.....: Minimum curvature  
 model.....: BGGM version 2000  
 Method for DLS.....: Mason & Taylor  
 date.....: 24-Oct-2001

strength...: 1206.71 HCNT

Spud  
 Last survey  
 Total accepted  
 MD of first  
 MD of last  
 -----  
 Magnetic  
 Magnetic  
 Magnetic field

----- Depth reference -----  
 dec (+E/W-).....: 13.17 degrees  
 Permanent datum.....: GROUND LEVEL  
 dip.....: -69.20 degrees  
 Depth reference.....:  
 GL above permanent.....: -100.00 m  
 survey Reference Criteria -----  
 KB above permanent.....: 75.00 m  
 G.....: 1000.07 mGal  
 DF above permanent.....: 25.00 m  
 H.....: 1206.71 HCNT

Magnetic

Magnetic

----- MWD

Reference

Reference

Reference

Dip.....: -69.20 degrees  
 ----- Vertical section origin -----  
 of G.....: (+/-) 2.50 mGal  
 Latitude (+N/S-).....: 0.00 m  
 H.....: (+/-) 6.00 HCNT  
 Departure (+E/W-).....: 0.00 m  
 Dip.....: (+/-) 0.45 degrees

Tolerance

Tolerance of

Tolerance of

----- Platform reference point -----  
 Corrections -----  
 Latitude (+N/S-).....: -304.57 m  
 (+E/W-).....: 13.17 degrees  
 Departure (+E/W-).....: -304.57 m  
 convergence (+E/W-)..: -1.17 degrees

-----

Magnetic dec

Grid

Total az corr

(+E/W-).....: 14.34 degrees  
 Azimuth from rotary table to target: 0.00 degrees  
 corr = magnetic dec - grid conv)

(Total az

Sag applied

(Y/N).....: No degree: 0.00

| Seq   | Measured | Incl   | Azimuth | Course | TVD     | Vertical | Displ |
|-------|----------|--------|---------|--------|---------|----------|-------|
| Displ | Total    | At     | DLS     | Srvy   | Tool    | section  | +N/S- |
| #     | depth    | angle  | angle   | length | depth   |          |       |
| +E/W- | displ    | Azim   | (deg/   | tool   | qual    |          |       |
| -     | (m)      | (deg)  | (deg)   | (m)    | (m)     | (m)      | (m)   |
| (m)   | (deg)    | 10m)   | type    | type   |         |          | (m)   |
| 1     | 1432.10  | 2.40   | 228.90  | 0.00   | 1432.00 | -2.80    | -2.80 |
| -1.60 | 3.22     | 209.74 | 0.00    | TIP    | -       |          |       |
| 2     | 1443.09  | 2.50   | 236.20  | 10.99  | 1442.98 | -3.08    | -3.08 |
| -1.97 | 3.66     | 212.60 | 0.30    | MWD    | 6-axis  |          |       |
| 3     | 1494.71  | 2.59   | 236.48  | 51.62  | 1494.55 | -4.35    | -4.35 |
| -3.88 | 5.83     | 221.70 | 0.02    | MWD    | 6-axis  |          |       |
| 4     | 1557.58  | 2.56   | 237.49  | 62.87  | 1557.36 | -5.89    | -5.89 |
| -6.25 | 8.59     | 226.67 | 0.01    | MWD    | 6-axis  |          |       |
| 5     | 1615.86  | 2.80   | 236.37  | 58.28  | 1615.57 | -7.38    | -7.38 |
| -8.53 | 11.28    | 229.13 | 0.04    | MWD    | 6-axis  |          |       |


|        |         |        |        |       |         |        |        |
|--------|---------|--------|--------|-------|---------|--------|--------|
| 6      | 1644.61 | 2.69   | 236.51 | 28.75 | 1644.29 | -8.14  | -8.14  |
| -9.68  | 12.65   | 229.93 | 0.04   | MWD   | 6-axis  |        |        |
| 7      | 1668.50 | 2.86   | 238.36 | 23.89 | 1668.15 | -8.77  | -8.77  |
| -10.65 | 13.80   | 230.56 | 0.08   | MWD   | 6-axis  |        |        |
| 8      | 1699.25 | 2.65   | 238.80 | 30.75 | 1698.87 | -9.54  | -9.54  |
| -11.92 | 15.26   | 231.33 | 0.07   | MWD   | 6-axis  |        |        |
| 9      | 1727.71 | 2.60   | 239.64 | 28.46 | 1727.30 | -10.20 | -10.20 |
| -13.03 | 16.55   | 231.95 | 0.02   | MWD   | 6-axis  |        |        |
| 10     | 1756.63 | 2.51   | 238.85 | 28.92 | 1756.19 | -10.86 | -10.86 |
| -14.14 | 17.83   | 232.48 | 0.03   | MWD   | 6-axis  |        |        |
| 11     | 1786.00 | 2.34   | 240.28 | 29.37 | 1785.53 | -11.49 | -11.49 |
| -15.21 | 19.07   | 232.93 | 0.06   | MWD   | 6-axis  |        |        |
| 12     | 1814.34 | 2.29   | 240.62 | 28.34 | 1813.85 | -12.06 | -12.06 |
| -16.21 | 20.20   | 233.36 | 0.02   | MWD   | 6-axis  |        |        |
| 13     | 1843.18 | 2.18   | 239.19 | 28.84 | 1842.67 | -12.62 | -12.62 |
| -17.18 | 21.32   | 233.70 | 0.04   | MWD   | 6-axis  |        |        |
| 14     | 1901.41 | 1.96   | 237.87 | 58.23 | 1900.86 | -13.72 | -13.72 |
| -18.98 | 23.42   | 234.14 | 0.04   | MWD   | 6-axis  |        |        |
| 15     | 1931.65 | 1.78   | 237.81 | 30.24 | 1931.08 | -14.24 | -14.24 |
| -19.81 | 24.40   | 234.29 | 0.06   | MWD   | 6-axis  |        |        |
| 16     | 1960.46 | 1.72   | 237.86 | 28.81 | 1959.88 | -14.71 | -14.71 |
| -20.56 | 25.28   | 234.41 | 0.02   | MWD   | 6-axis  |        |        |
| 17     | 1989.04 | 1.62   | 235.40 | 28.58 | 1988.45 | -15.17 | -15.17 |
| -21.25 | 26.11   | 234.49 | 0.04   | MWD   | 6-axis  |        |        |
| 18     | 2047.36 | 1.44   | 230.77 | 58.32 | 2046.74 | -16.10 | -16.10 |
| -22.50 | 27.67   | 234.41 | 0.04   | MWD   | 6-axis  |        |        |
| 19     | 2075.90 | 1.46   | 228.72 | 28.54 | 2075.28 | -16.57 | -16.57 |
| -23.05 | 28.39   | 234.30 | 0.02   | MWD   | 6-axis  |        |        |
| 20     | 2104.97 | 1.26   | 223.46 | 29.07 | 2104.34 | -17.04 | -17.04 |
| -23.55 | 29.07   | 234.11 | 0.08   | MWD   | 6-axis  |        |        |
| 21     | 2133.36 | 1.26   | 222.20 | 28.39 | 2132.72 | -17.50 | -17.50 |
| -23.97 | 29.68   | 233.87 | 0.01   | MWD   | 6-axis  |        |        |
| 22     | 2161.89 | 1.14   | 222.54 | 28.53 | 2161.24 | -17.94 | -17.94 |
| -24.38 | 30.27   | 233.64 | 0.04   | MWD   | 6-axis  |        |        |
| 23     | 2190.93 | 1.21   | 218.85 | 29.04 | 2190.28 | -18.39 | -18.39 |
| -24.76 | 30.85   | 233.40 | 0.04   | MWD   | 6-axis  |        |        |
| 24     | 2220.38 | 1.11   | 218.25 | 29.45 | 2219.72 | -18.86 | -18.86 |
| -25.13 | 31.42   | 233.12 | 0.03   | MWD   | 6-axis  |        |        |
| 25     | 2249.29 | 1.04   | 218.39 | 28.91 | 2248.63 | -19.29 | -19.29 |
| -25.47 | 31.95   | 232.87 | 0.02   | MWD   | 6-axis  |        |        |
| 26     | 2278.19 | 0.90   | 218.62 | 28.90 | 2277.52 | -19.67 | -19.67 |
| -25.78 | 32.42   | 232.65 | 0.05   | MWD   | 6-axis  |        |        |
| 27     | 2307.52 | 0.99   | 219.17 | 29.33 | 2306.85 | -20.04 | -20.04 |
| -26.08 | 32.89   | 232.45 | 0.03   | MWD   | 6-axis  |        |        |
| 28     | 2336.95 | 1.01   | 219.68 | 29.43 | 2336.27 | -20.44 | -20.44 |
| -26.41 | 33.39   | 232.26 | 0.01   | MWD   | 6-axis  |        |        |
| 29     | 2365.20 | 0.95   | 216.00 | 28.25 | 2364.52 | -20.82 | -20.82 |
| -26.70 | 33.86   | 232.05 | 0.03   | MWD   | 6-axis  |        |        |
| 30     | 2394.92 | 1.02   | 211.37 | 29.72 | 2394.24 | -21.25 | -21.25 |
| -26.98 | 34.35   | 231.78 | 0.04   | MWD   | 6-axis  |        |        |

```

=====
=====
Seq   Measured   Incl   Azimuth   Course   TVD   Vertical   Displ
Displ Total     At     DLS      Srvy     Tool   section   +N/S-
#     depth    angle  angle    length   depth  (m)       (m)
+E/W- displ    Azim   (deg/   tool    qual
-     (m)       (deg)  (deg)   (m)     (m)
(m)   (deg)    10m)  type   type
=====
=====
31   2422.33   1.09  213.07   27.41   2421.64  -21.67  -21.67
-27.25  34.82  231.51   0.03   MWD   6-axis
32   2480.97   1.04  210.77   58.64   2480.27  -22.60  -22.60
-27.83  35.85  230.92   0.01   MWD   6-axis
33   2538.48   1.07  207.79   57.51   2537.77  -23.52  -23.52
-28.35  36.84  230.31   0.01   MWD   6-axis
34   2558.35   1.06  210.59   19.87   2557.64  -23.84  -23.84
-28.53  37.18  230.11   0.03   MWD   6-axis
35   2590.86   1.13  214.63   32.50   2590.13  -24.37  -24.37
-28.86  37.77  229.83   0.03   MWD   6-axis

36   2648.71   1.10  221.39   57.86   2647.98  -25.25  -25.25
-29.55  38.87  229.49   0.02   MWD   6-axis
37   2677.84   1.17  224.01   29.13   2677.10  -25.68  -25.68
-29.95  39.45  229.39   0.03   MWD   6-axis
38   2743.69   1.35  230.93   65.85   2742.94  -26.65  -26.65
-31.02  40.89  229.33   0.04   MWD   6-axis
39   2772.78   1.31  229.00   29.09   2772.02  -27.08  -27.08
-31.53  41.57  229.34   0.02   MWD   6-axis
40   2801.94   1.34  230.09   29.16   2801.17  -27.52  -27.52
-32.05  42.24  229.34   0.01   MWD   6-axis
    
```

[(c)2001 Anadrill IDEAL ID6\_1C\_10]

 - Melville-1\_drilllog\_1-2500\_2700-2850m.pdf



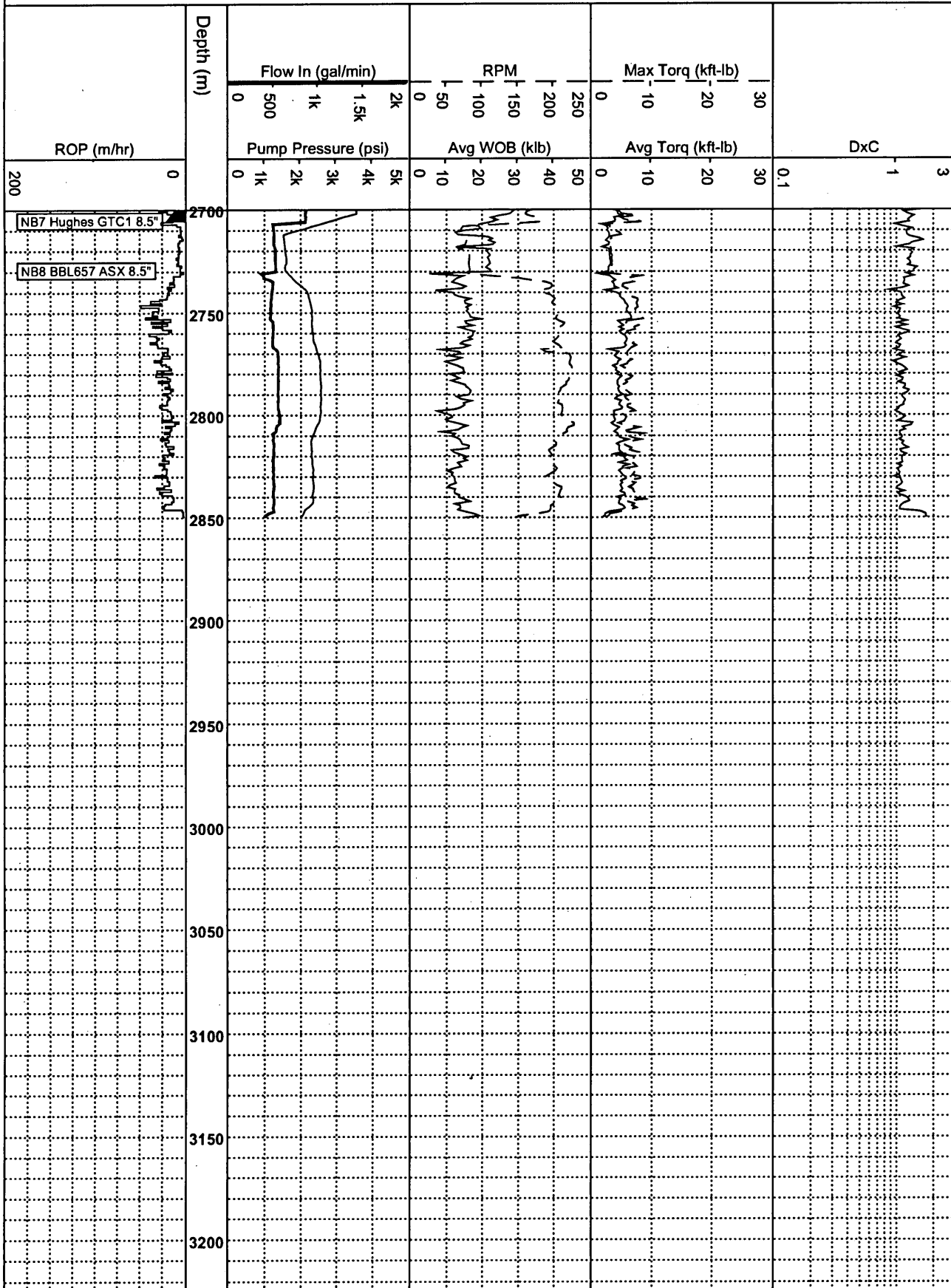
INTEQ

# DRILLING DATA PLOT

## Melville-1

Scale: 1:2500.0

BASS STRAIT

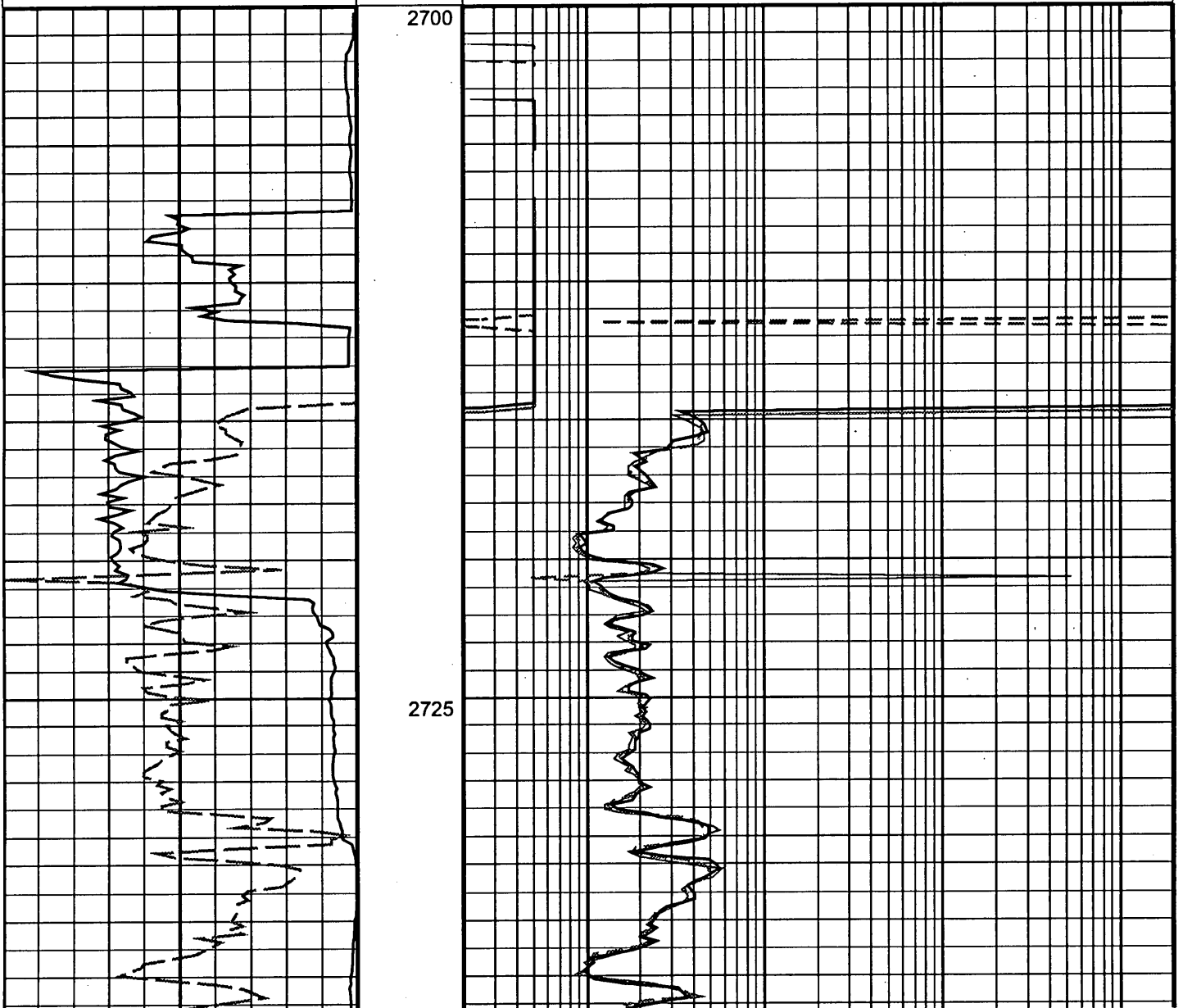


# ARC\_RT\_LOG\_1:200

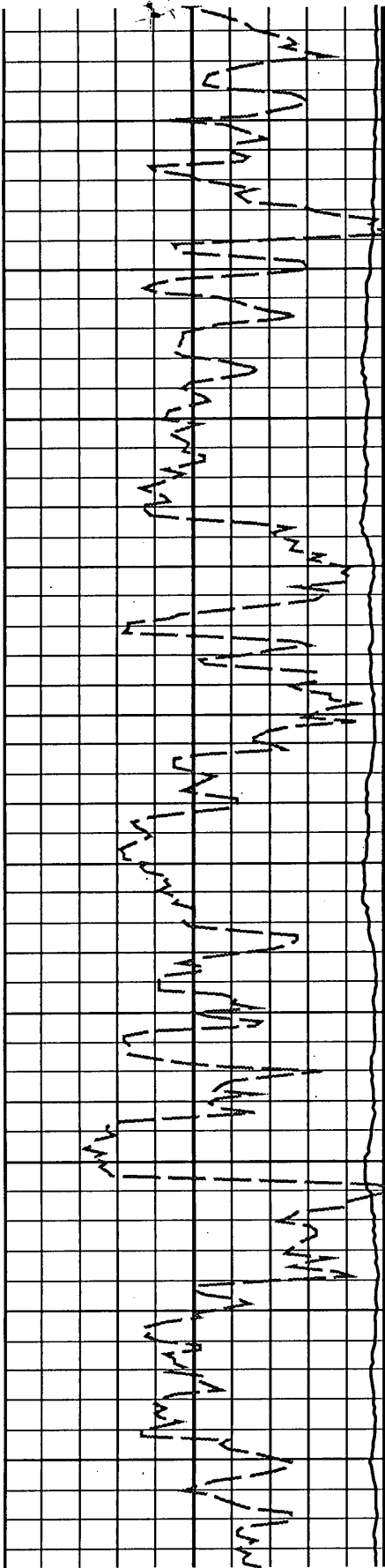
IDEAL Version: ID6\_1C\_10 <MD > Vertical Scale: 1:200

Graphics File Created: 08-Nov-2001 06:2

|  |     |  |      |
|--|-----|--|------|
| ARC Gamma Ray, Real-Time (ARC_GR_RT)<br>(GAPI) |     | ARC5 Phase-Shift Resistivity 40-in. at 2 MHz, Real-Time (P40H_R)<br>(OHMM) |      |
| 0  | 200 | 0.2  | 2000 |
| ROP*5 (ROP5)                                   |     | ARC5 Phase-Shift Resistivity 28-in. at 2 MHz, Real-Time (P28H_R)<br>(OHMM) |      |
| 600  | 0   | 0.2  | 2000 |
|  |     | ARC5 Phase-Shift Resistivity 16-in. at 2 MHz, Real-Time (P16H_R)<br>(OHMM) |      |
|  |     | 0.2  | 2000 |

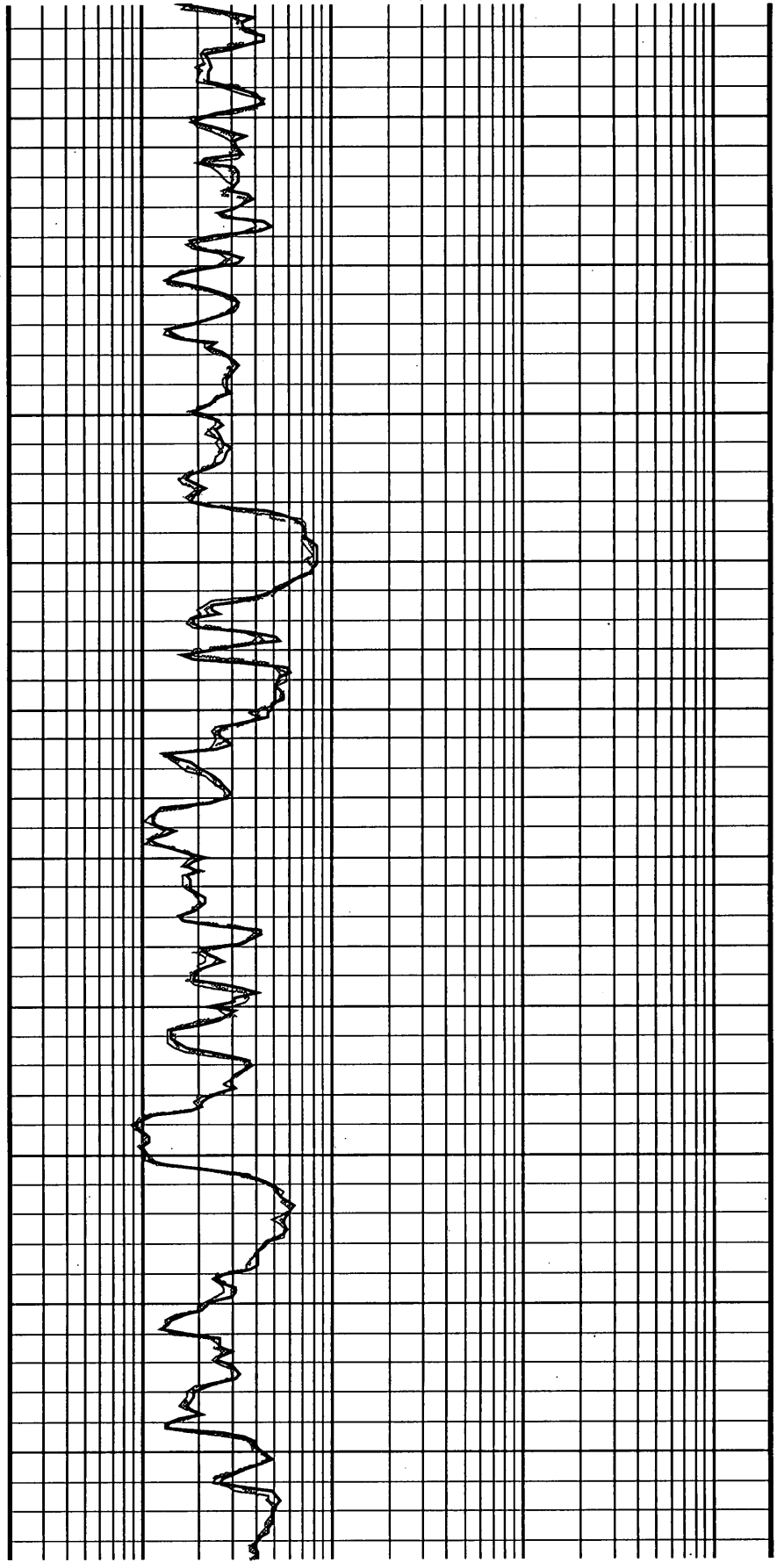


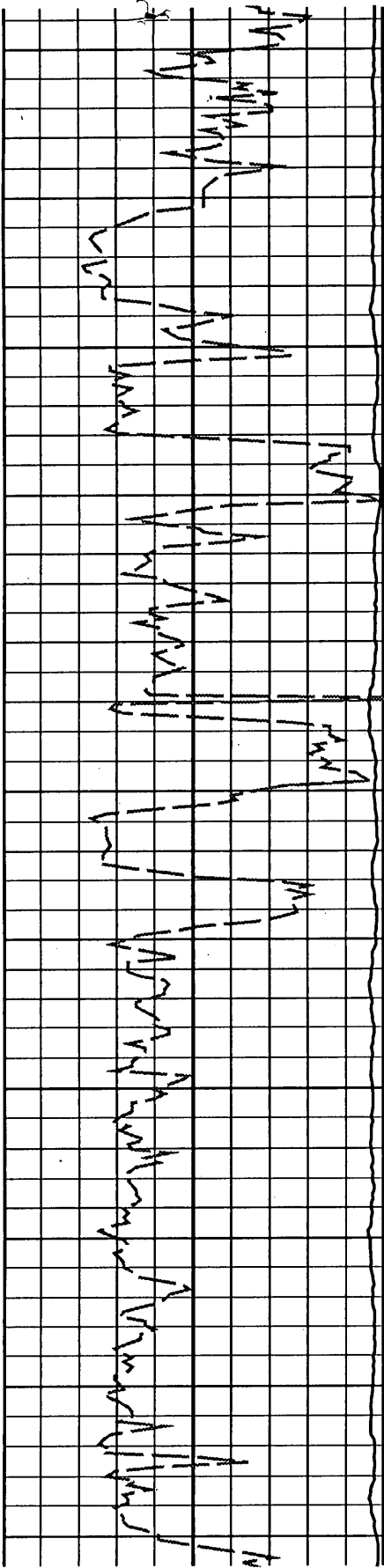




2750

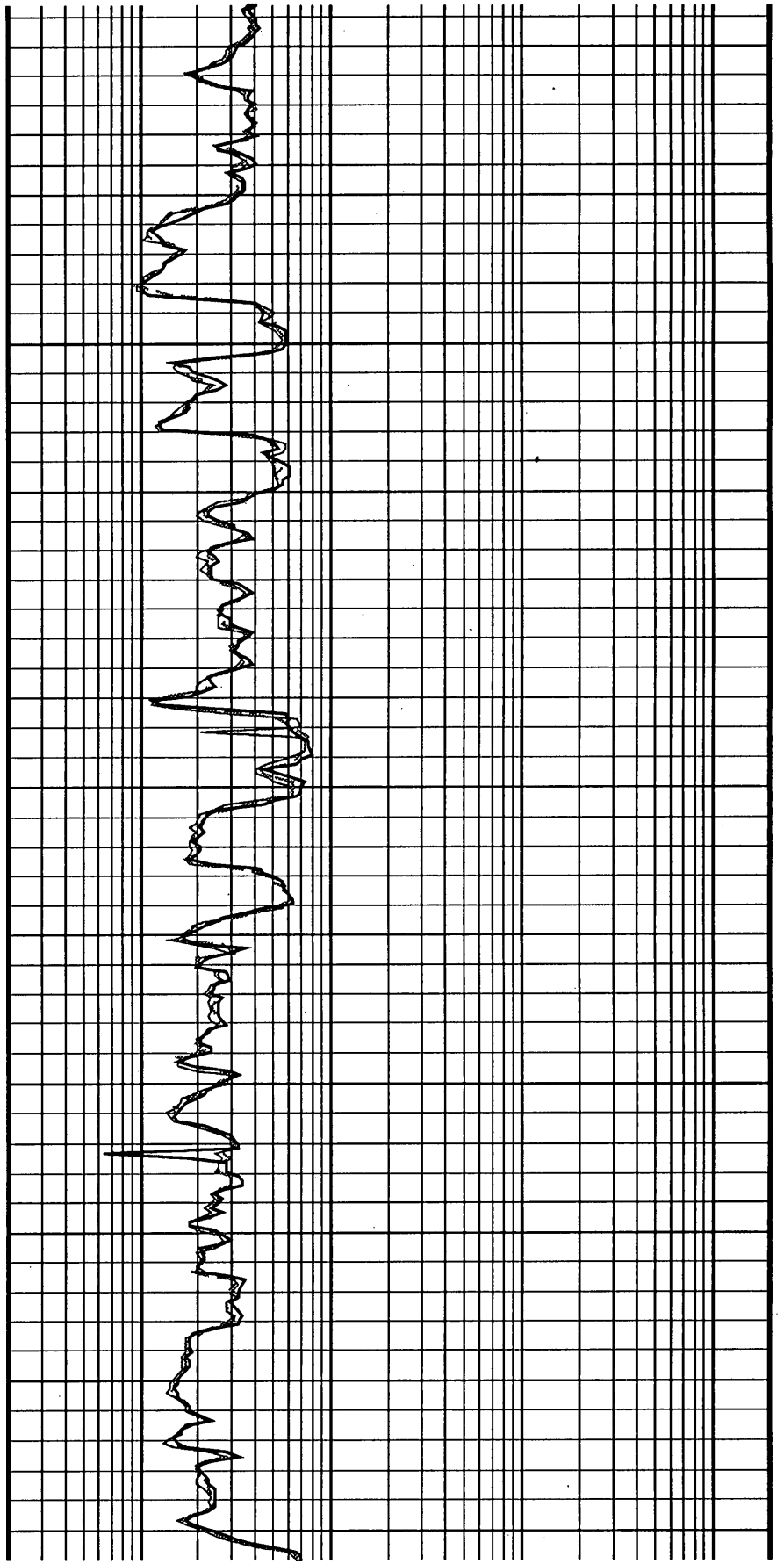
2775

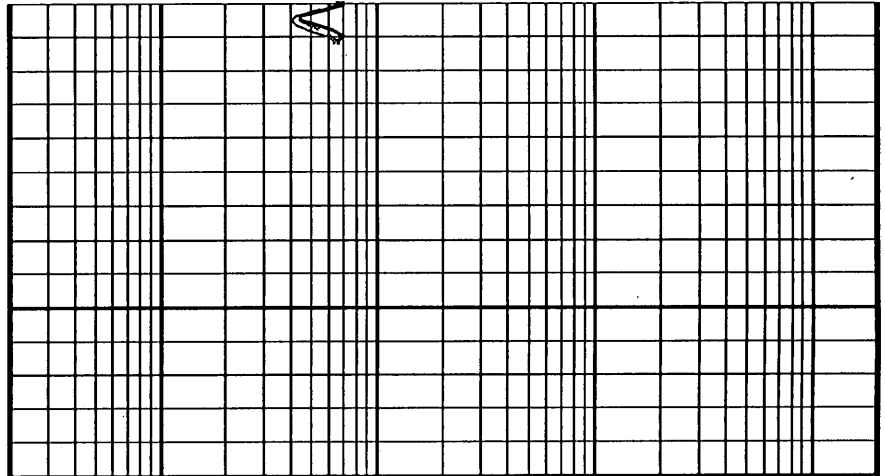
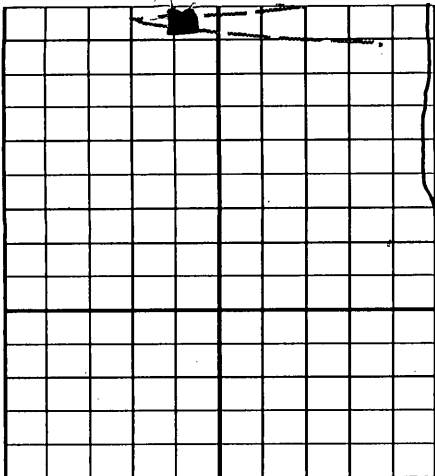




2800

2825





2850

|   |        |     |
|---|--------|-----|
| ROP*5 (ROP5)                            |        |     |
| 600                                     | (M/HR) | 0   |
| ARC Gamma Ray, Real-Time (ARC_GR<br>RT) |        |     |
| 0                                       | (GAPI) | 200 |

|  |        |      |
|--|--------|------|
| ARC5 Phase-Shift Resistivity 16-in. at 2 MHz, Real-Time (P16H_R) |        |      |
| 0.2  | (OHMM) | 2000 |
| ARC5 Phase-Shift Resistivity 28-in. at 2 MHz, Real-Time (P28H_R) |        |      |
| 0.2  | (OHMM) | 2000 |
| ARC5 Phase-Shift Resistivity 40-in. at 2 MHz, Real-Time (P40H_R) |        |      |
| 0.2  | (OHMM) | 2000 |

# ARC\_RT\_LOG\_1:500

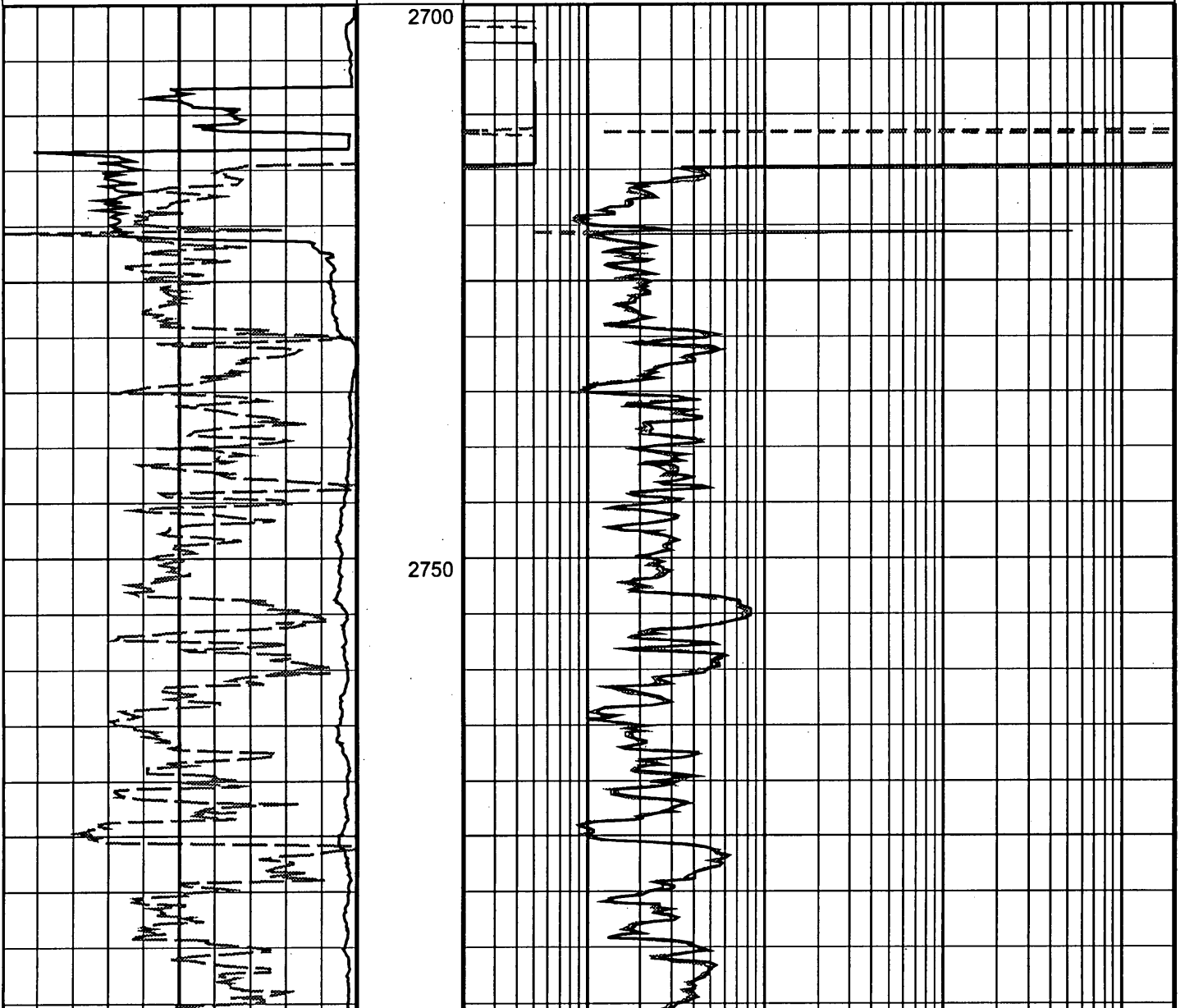
IDEAL Version: ID6\_1C\_10 <MD > Vertical Scale: 1:500

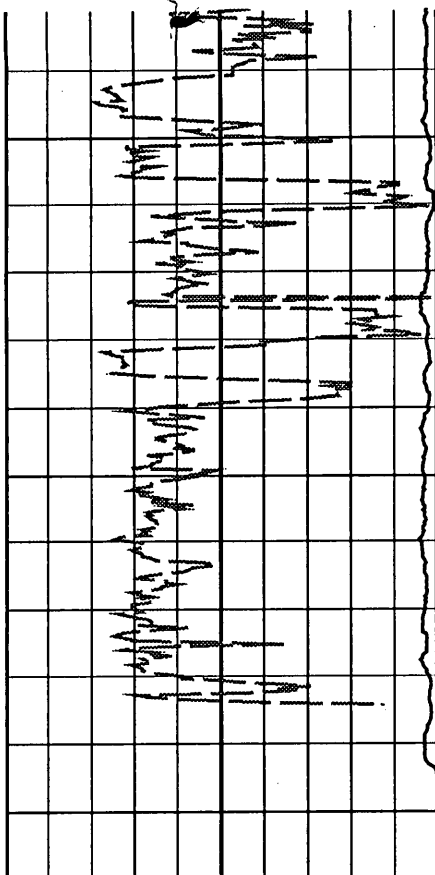
Graphics File Created: 08-Nov-2001 06:0

|  |             |
|--|-------------|
| ARC5 Phase-Shift Resistivity 40-in. at 2 MHz, Real-Time (P40H_R) |             |
| 0.2  | 2000 (OHMM) |
| ARC5 Phase-Shift Resistivity 28-in. at 2 MHz, Real-Time (P28H_R) |             |
| 0.2  | 2000 (OHMM) |
| ARC5 Phase-Shift Resistivity 16-in. at 2 MHz, Real-Time (P16H_R) |             |
| 0.2  | 2000 (OHMM) |

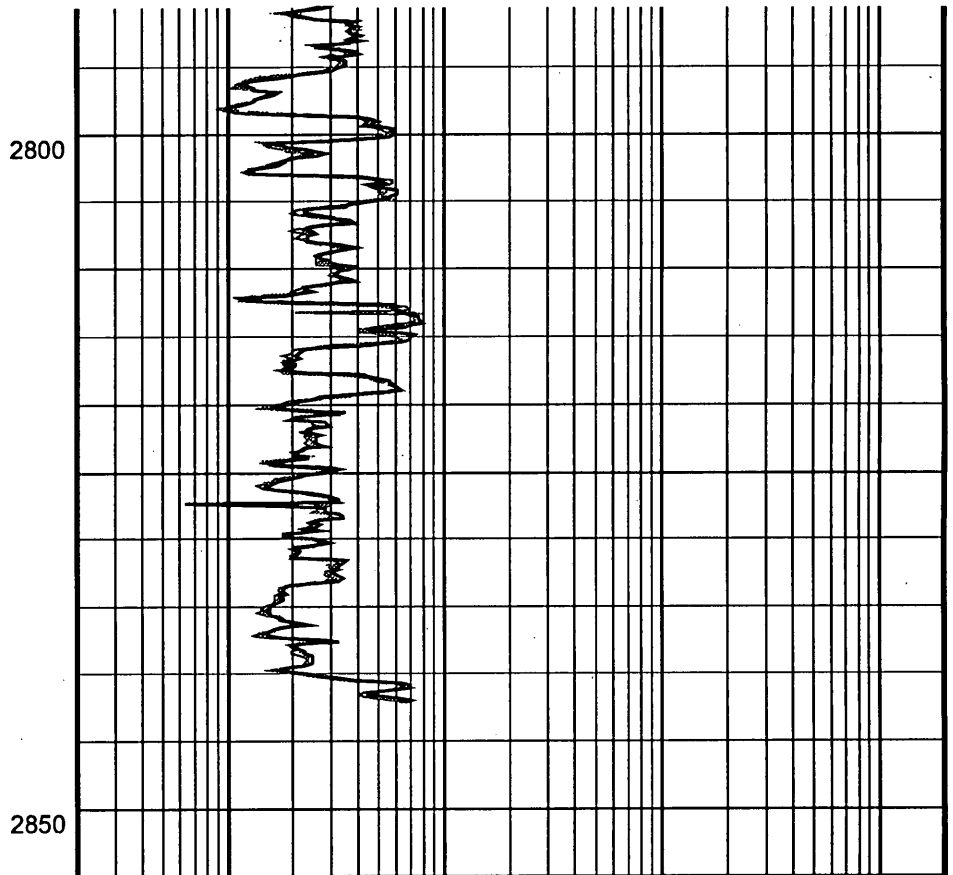
ARC Gamma Ray, Real-Time (ARC\_GR\_RT)  
(GAPI) 0 200

ROP\*5 (ROP5)  
(M/HR) 600 0





|   |        |     |
|---|--------|-----|
| <b>ROP*5 (ROP5)</b>                         |        |     |
| 600   | (M/HR) | 0   |
| <b>ARC Gamma Ray, Real-Time (ARC_GR_RT)</b> |        |     |
| 0   | (GAPI) | 200 |



|   |        |      |
|---|--------|------|
| <b>ARC5 Phase-Shift Resistivity 16-in. at 2 MHz, Real-Time (P16H_R)</b> |        |      |
| 0.2   | (OHMM) | 2000 |
| <b>ARC5 Phase-Shift Resistivity 28-in. at 2 MHz, Real-Time (P28H_R)</b> |        |      |
| 0.2   | (OHMM) | 2000 |
| <b>ARC5 Phase-Shift Resistivity 40-in. at 2 MHz, Real-Time (P40H_R)</b> |        |      |
| 0.2   | (OHMM) | 2000 |



ian.reid@bassoil.com.au on 11/07/2001 08:11:00 AM

909040 182

To: kourosh.mehin@nre.vic.gov.au  
cc: (bcc: Kourosh Mehin/NRE)  
Subject: Mudlog data for Melville-1

---

Kourosh, please find attached mudlog and drilllog for Melville-1. We were using a mill-bit so not much sequence penetrated. Hope you had a good cup day,

Ian

Ian Reid

Chief Operations Geologist  
Bass Strait Oil Company Ltd  
03 9614 0426  
ian.reid@bassoil.com.au



- Melville-1\_drilllog\_1-2500\_2650-2730m.pdf



- Melville-1\_mudlog\_1-500\_2700-2730m.pdf



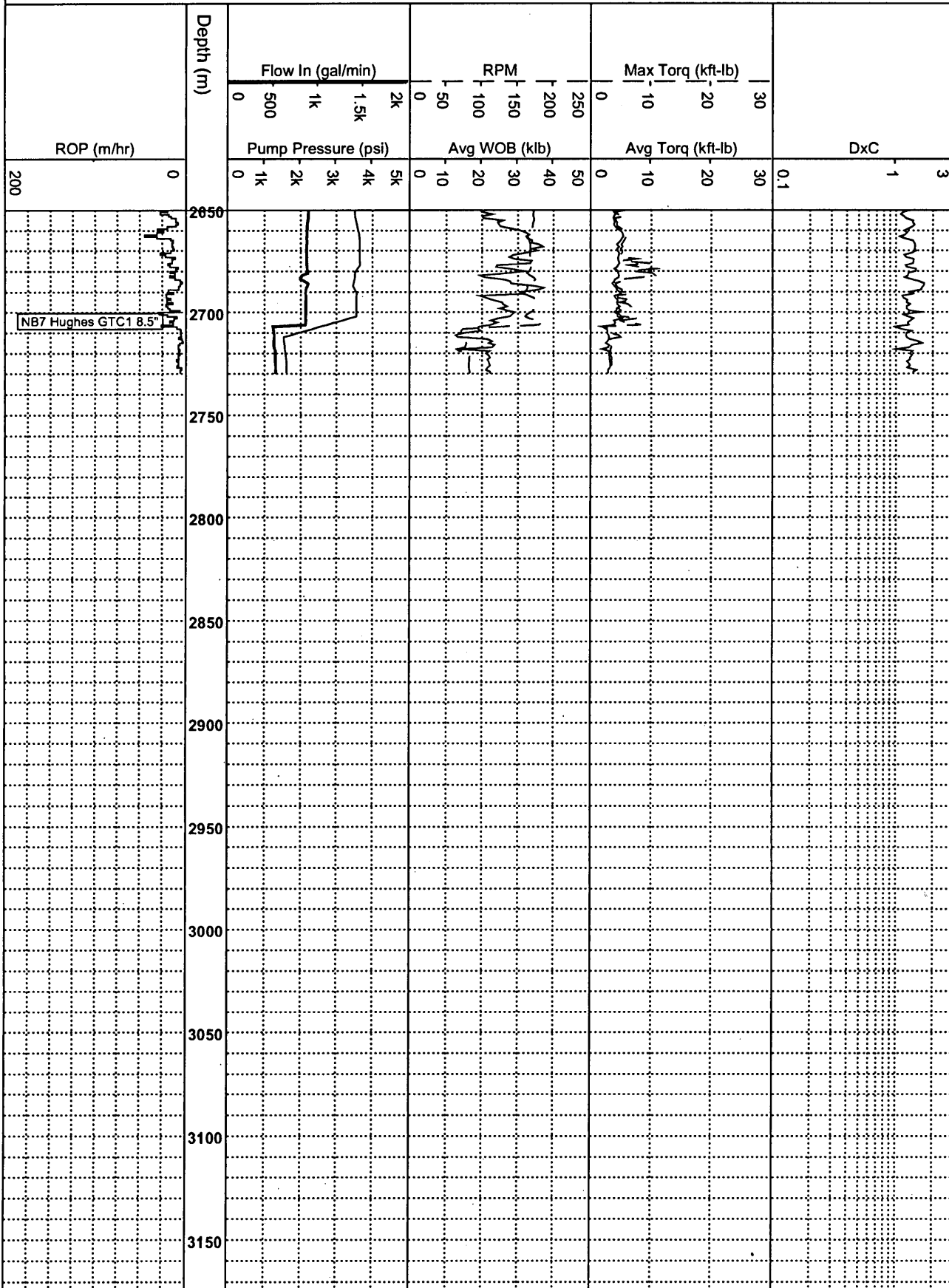
INTEQ

# DRILLING DATA PLOT

## Melville-1

Scale: 1:2500.0

BASS STRAIT





**FORMATION EVALUATION LOG**  
**Melville-1**  
**SCALE: 1:500.0**



INTEQ

| DRILLING PROGRESS |                            |                             |                            | DEPTH (m) | CUTTINGS LITHOLOGY | INTERPRETED LITHOLOGY | CORE | CUT FLUORESCENCE | CALCIOMETRY | COMMENTS |
|-------------------|----------------------------|-----------------------------|----------------------------|-----------|--------------------|-----------------------|------|------------------|-------------|----------|
| GAMMA (API)       | WOB (klb)                  | ROP Backup (m/hr)           | ROP (m/hr)                 |           |                    |                       |      |                  |             |          |
| 0                 | 40                         | 30                          | 40                         | 0         |                    |                       |      |                  |             |          |
| 100               | 30                         | 20                          | 30                         | 100       |                    |                       |      |                  |             |          |
| 200               | 20                         | 10                          | 20                         | 200       |                    |                       |      |                  |             |          |
| 300               | 10                         | 5                           | 10                         | 300       |                    |                       |      |                  |             |          |
| 400               | 5                          | 2.5                         | 5                          | 400       |                    |                       |      |                  |             |          |
| 500               | 2.5                        | 1.25                        | 2.5                        | 500       |                    |                       |      |                  |             |          |
| 600               | 1.25                       | 0.625                       | 1.25                       | 600       |                    |                       |      |                  |             |          |
| 700               | 0.625                      | 0.3125                      | 0.625                      | 700       |                    |                       |      |                  |             |          |
| 800               | 0.3125                     | 0.15625                     | 0.3125                     | 800       |                    |                       |      |                  |             |          |
| 900               | 0.15625                    | 0.078125                    | 0.15625                    | 900       |                    |                       |      |                  |             |          |
| 1000              | 0.078125                   | 0.0390625                   | 0.078125                   | 1000      |                    |                       |      |                  |             |          |
| 1100              | 0.0390625                  | 0.01953125                  | 0.0390625                  | 1100      |                    |                       |      |                  |             |          |
| 1200              | 0.01953125                 | 0.009765625                 | 0.01953125                 | 1200      |                    |                       |      |                  |             |          |
| 1300              | 0.009765625                | 0.0048828125                | 0.009765625                | 1300      |                    |                       |      |                  |             |          |
| 1400              | 0.0048828125               | 0.00244140625               | 0.0048828125               | 1400      |                    |                       |      |                  |             |          |
| 1500              | 0.00244140625              | 0.001220703125              | 0.00244140625              | 1500      |                    |                       |      |                  |             |          |
| 1600              | 0.001220703125             | 0.0006103515625             | 0.001220703125             | 1600      |                    |                       |      |                  |             |          |
| 1700              | 0.0006103515625            | 0.00030517578125            | 0.0006103515625            | 1700      |                    |                       |      |                  |             |          |
| 1800              | 0.00030517578125           | 0.000152587890625           | 0.00030517578125           | 1800      |                    |                       |      |                  |             |          |
| 1900              | 0.000152587890625          | 0.0000762939453125          | 0.000152587890625          | 1900      |                    |                       |      |                  |             |          |
| 2000              | 0.0000762939453125         | 0.00003814697265625         | 0.0000762939453125         | 2000      |                    |                       |      |                  |             |          |
| 2100              | 0.00003814697265625        | 0.000019073486328125        | 0.00003814697265625        | 2100      |                    |                       |      |                  |             |          |
| 2200              | 0.000019073486328125       | 0.0000095367431640625       | 0.000019073486328125       | 2200      |                    |                       |      |                  |             |          |
| 2300              | 0.0000095367431640625      | 0.00000476837158203125      | 0.0000095367431640625      | 2300      |                    |                       |      |                  |             |          |
| 2400              | 0.00000476837158203125     | 0.000002384185791015625     | 0.00000476837158203125     | 2400      |                    |                       |      |                  |             |          |
| 2500              | 0.000002384185791015625    | 0.0000011920928955078125    | 0.000002384185791015625    | 2500      |                    |                       |      |                  |             |          |
| 2600              | 0.0000011920928955078125   | 0.00000059604644775390625   | 0.0000011920928955078125   | 2600      |                    |                       |      |                  |             |          |
| 2700              | 0.00000059604644775390625  | 0.000000298023223876953125  | 0.00000059604644775390625  | 2700      |                    |                       |      |                  |             |          |
| 2800              | 0.000000298023223876953125 | 0.0000001490116119384765625 | 0.000000298023223876953125 | 2800      |                    |                       |      |                  |             |          |

FLC @ 2706m (static)

31/10-01/11/01

NB7 Hughes GTC1 8.5"  
 3x22 jets  
 In 2706m  
 24m/6hrs

FLC @ 2730m (static)

Calcite  
 25075  
 dolomite  
 75025

Drill 12.5" to 2706m  
 Set 9.625" csg shoe @ 2700mRT  
 Drill ahead 8.5" Hole

FIT @ 2710m  
 MW = 1.15sg  
 EMW = 1.67sg

SILTSTONE: dl gnsh gy-gysh bk, olv  
 bk, mod hd-hd, sbbiky-biky, tr carb mat,  
 tr pyr cmt, contam w tr cmt,

SANDSTONE: dr-transl, occ pl yelsh  
 brn, occ m gy, pred lse, m-crs, pred m,  
 occ v crs, w srt, sbang-sbrn, sbspher,  
 tr-r pyr cmt, tr mic flks, p vis por, no  
 shows





ian.reid@bassoil.com.au on 10/31/2001 02:20:18 PM

To: kourosh.mehin@nre.vic.gov.au  
 cc: (bcc: Kourosh Mehin/NRE)  
 Subject: MWD, mudlog and drillog data for Melville-1





Kourosh, further to your request and the requirement to send logs to you please find attached the Melville-1 MWD, mudlog and drillog data to date. As we are at section TD I am sending the complete logs down to section TD at 2706m. As logs are received I will endeavour to provide these to you daily, if they are available to me.

Regards

Ian

Ian Reid

Chief Operations Geologist  
 Bass Strait Oil Company Ltd  
 03 9614 0426  
 ian.reid@bassoil.com.au

-  - Melville-1\_drillog\_1-2500\_100-2706m.pdf
-  - Melville-1(MWD\_realtime\_1-200\_GR\_CDR\_1429-2706m).pdf
-  - Melville-1(MWD\_realtime\_1-500\_GR\_CDR\_1429-2706m).pdf
-  - Melville-1(Survey\_1432-2677m).xls

~Version Information

VERS. 2.0 : CWLS log ASCII standard - Version 2.0  
 WRAP. NO : One line per depth step

#

~Well Information Block

#MNEM.UNIT Data Type:Information

#

|        |                           |
|--------|---------------------------|
| 1429.M | 1429.0000 : START INDEX   |
| STOP.M | 2706.0144 : STOP INDEX    |
| STEP.M | 0.1524 : STEP             |
| NULL.  | -999.25 : NULL VALUE      |
| COMP.  | Bass Strait Oil : COMPANY |
| WELL.  | Melville-1 : WELL         |
| FLD.   | Gippsland Basin : FIELD   |
| LOC.   | Bass Strait : LOCATION    |
| PROV.  | : PROVINCE                |
| CNTY.  | : COUNTY                  |
| STAT.  | : STATE                   |
| CTRY.  | : COUNTRY                 |
| SRVC.  | : SERVICE COMPANY         |
| DATE.  | : LOG DATE                |
| UWI.   | : UNIQUE WELL ID          |
| API.   | : API NUMBER              |

#

~Curve Information Block

| Seq # | Measured depth (m) | Incl angle (deg) | Azimuth angle (deg) | Course length (m) | TVD depth (m) | Vertical section (m) | Displ +N/S- (m) | Displ +E/W- (m) | Total displ (m) | At Azim (deg) | DLS (deg/10m) | Srvy tool type |
|-------|--------------------|------------------|---------------------|-------------------|---------------|----------------------|-----------------|-----------------|-----------------|---------------|---------------|----------------|
| 1     | 1432.1             | 2.4              | 228.9               | 0                 | 1432          | -2.8                 | -2.8            | -1.6            | 3.22            | 209.74        | 0             | TIP            |
| 2     | 1443.09            | 2.5              | 236.2               | 10.99             | 1442.98       | -3.08                | -3.08           | -1.97           | 3.66            | 212.6         | 0.3           | MWWD           |
| 3     | 1494.71            | 2.59             | 236.48              | 51.62             | 1494.55       | -4.35                | -4.35           | -3.88           | 5.83            | 221.7         | 0.02          | MWWD           |
| 4     | 1557.58            | 2.56             | 237.49              | 62.87             | 1557.36       | -5.89                | -5.89           | -6.25           | 8.59            | 226.67        | 0.01          | MWWD           |
| 5     | 1615.86            | 2.8              | 236.37              | 58.28             | 1615.57       | -7.38                | -7.38           | -8.53           | 11.28           | 229.13        | 0.04          | MWWD           |
| 6     | 1644.61            | 2.69             | 236.51              | 28.75             | 1644.29       | -8.14                | -8.14           | -9.68           | 12.65           | 229.93        | 0.04          | MWWD           |
| 7     | 1668.5             | 2.86             | 238.36              | 23.89             | 1668.15       | -8.77                | -8.77           | -10.65          | 13.8            | 230.56        | 0.08          | MWWD           |
| 8     | 1699.25            | 2.65             | 238.8               | 30.75             | 1698.87       | -9.54                | -9.54           | -11.92          | 15.26           | 231.33        | 0.07          | MWWD           |
| 9     | 1727.71            | 2.6              | 239.64              | 28.46             | 1727.3        | -10.2                | -10.2           | -13.03          | 16.55           | 231.95        | 0.02          | MWWD           |
| 10    | 1756.63            | 2.51             | 238.85              | 28.92             | 1756.19       | -10.86               | -10.86          | -14.14          | 17.83           | 232.48        | 0.03          | MWWD           |
| 11    | 1786               | 2.34             | 240.28              | 29.37             | 1785.53       | -11.49               | -11.49          | -15.21          | 19.07           | 232.93        | 0.06          | MWWD           |
| 12    | 1814.34            | 2.29             | 240.62              | 28.34             | 1813.85       | -12.06               | -12.06          | -16.21          | 20.2            | 233.36        | 0.02          | MWWD           |
| 13    | 1843.18            | 2.18             | 239.19              | 28.84             | 1842.67       | -12.62               | -12.62          | -17.18          | 21.32           | 233.7         | 0.04          | MWWD           |
| 14    | 1901.41            | 1.96             | 237.87              | 58.23             | 1900.86       | -13.72               | -13.72          | -18.98          | 23.42           | 234.14        | 0.04          | MWWD           |
| 15    | 1931.65            | 1.78             | 237.81              | 30.24             | 1931.08       | -14.24               | -14.24          | -19.81          | 24.4            | 234.29        | 0.06          | MWWD           |
| 16    | 1960.46            | 1.72             | 237.86              | 28.81             | 1959.88       | -14.71               | -14.71          | -20.56          | 25.28           | 234.41        | 0.02          | MWWD           |
| 17    | 1989.04            | 1.62             | 235.4               | 28.58             | 1988.45       | -15.17               | -15.17          | -21.25          | 26.11           | 234.49        | 0.04          | MWWD           |
| 18    | 2047.36            | 1.44             | 230.77              | 58.32             | 2046.74       | -16.1                | -16.1           | -22.5           | 27.67           | 234.41        | 0.04          | MWWD           |
| 19    | 2075.9             | 1.46             | 228.72              | 28.54             | 2075.28       | -16.57               | -16.57          | -23.05          | 28.39           | 234.3         | 0.02          | MWWD           |
| 20    | 2104.97            | 1.26             | 223.46              | 29.07             | 2104.34       | -17.04               | -17.04          | -23.55          | 29.07           | 234.11        | 0.08          | MWWD           |
| 21    | 2133.36            | 1.26             | 222.2               | 28.39             | 2132.72       | -17.5                | -17.5           | -23.97          | 29.68           | 233.87        | 0.01          | MWWD           |
| 22    | 2161.89            | 1.14             | 222.54              | 28.53             | 2161.24       | -17.94               | -17.94          | -24.38          | 30.27           | 233.64        | 0.04          | MWWD           |
| 23    | 2190.93            | 1.21             | 218.85              | 29.04             | 2190.28       | -18.39               | -18.39          | -24.76          | 30.85           | 233.4         | 0.04          | MWWD           |
| 24    | 2220.38            | 1.11             | 218.25              | 29.45             | 2219.72       | -18.86               | -18.86          | -25.13          | 31.42           | 233.12        | 0.03          | MWWD           |
| 25    | 2249.29            | 1.04             | 218.39              | 28.91             | 2248.63       | -19.29               | -19.29          | -25.47          | 31.95           | 232.87        | 0.02          | MWWD           |
| 26    | 2278.19            | 0.9              | 218.62              | 28.9              | 2277.52       | -19.67               | -19.67          | -25.78          | 32.42           | 232.65        | 0.05          | MWWD           |
| 27    | 2307.52            | 0.99             | 219.17              | 29.33             | 2306.85       | -20.04               | -20.04          | -26.08          | 32.89           | 232.45        | 0.03          | MWWD           |

|    |         |      |        |       |         |        |        |        |       |        |           |
|----|---------|------|--------|-------|---------|--------|--------|--------|-------|--------|-----------|
| 28 | 2336.95 | 1.01 | 219.68 | 29.43 | 2336.27 | -20.44 | -20.44 | -26.41 | 33.39 | 232.26 | 0.01 MW/D |
| 29 | 2365.2  | 0.95 | 216    | 28.25 | 2364.52 | -20.82 | -20.82 | -26.7  | 33.86 | 232.05 | 0.03 MW/D |
| 30 | 2394.92 | 1.02 | 211.37 | 29.72 | 2394.24 | -21.25 | -21.25 | -26.98 | 34.35 | 231.78 | 0.04 MW/D |
| 31 | 2422.33 | 1.09 | 213.07 | 27.41 | 2421.64 | -21.67 | -21.67 | -27.25 | 34.82 | 231.51 | 0.03 MW/D |
| 32 | 2480.97 | 1.04 | 210.77 | 58.64 | 2480.27 | -22.6  | -22.6  | -27.83 | 35.85 | 230.92 | 0.01 MW/D |
| 33 | 2538.48 | 1.07 | 207.79 | 57.51 | 2537.77 | -23.52 | -23.52 | -28.35 | 36.84 | 230.31 | 0.01 MW/D |
| 34 | 2558.35 | 1.06 | 210.59 | 19.87 | 2557.64 | -23.84 | -23.84 | -28.53 | 37.18 | 230.11 | 0.03 MW/D |
| 35 | 2590.86 | 1.13 | 214.63 | 32.5  | 2590.13 | -24.37 | -24.37 | -28.86 | 37.77 | 229.83 | 0.03 MW/D |
| 36 | 2648.71 | 1.1  | 221.39 | 57.86 | 2647.98 | -25.25 | -25.25 | -29.55 | 38.87 | 229.49 | 0.02 MW/D |
| 37 | 2677.84 | 1.17 | 224.01 | 29.13 | 2677.1  | -25.68 | -25.68 | -29.95 | 39.45 | 229.39 | 0.03 MW/D |

# RT CDR\_1

IDEAL Version: ID6\_1C\_10 <MD > Vertical Scale: 1:200

Graphics File Created: 30-Oct-2001 20:19

PIP SUMMARY

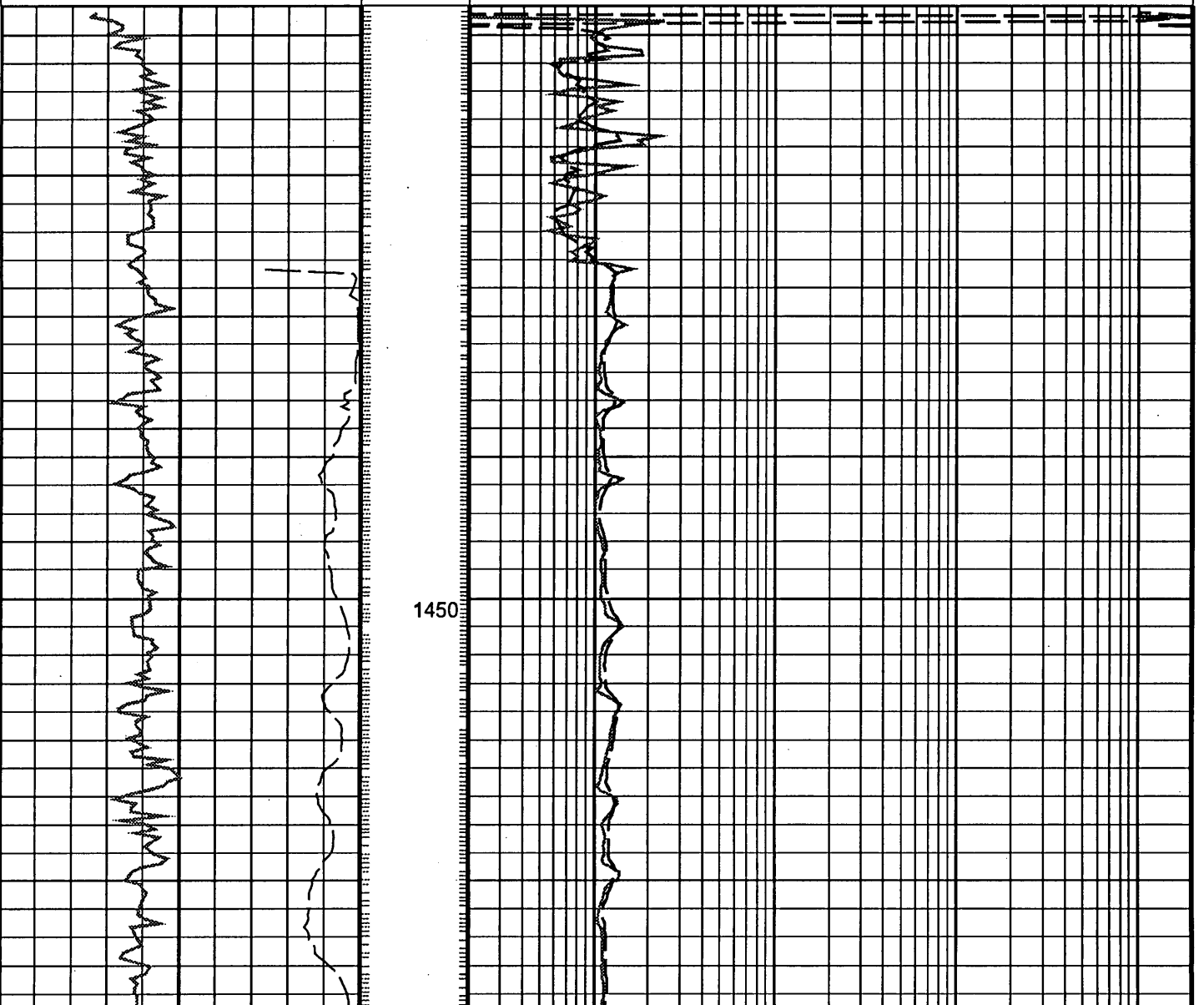
- └ GR(TX) PIP
- └ RPS\_TX PIP

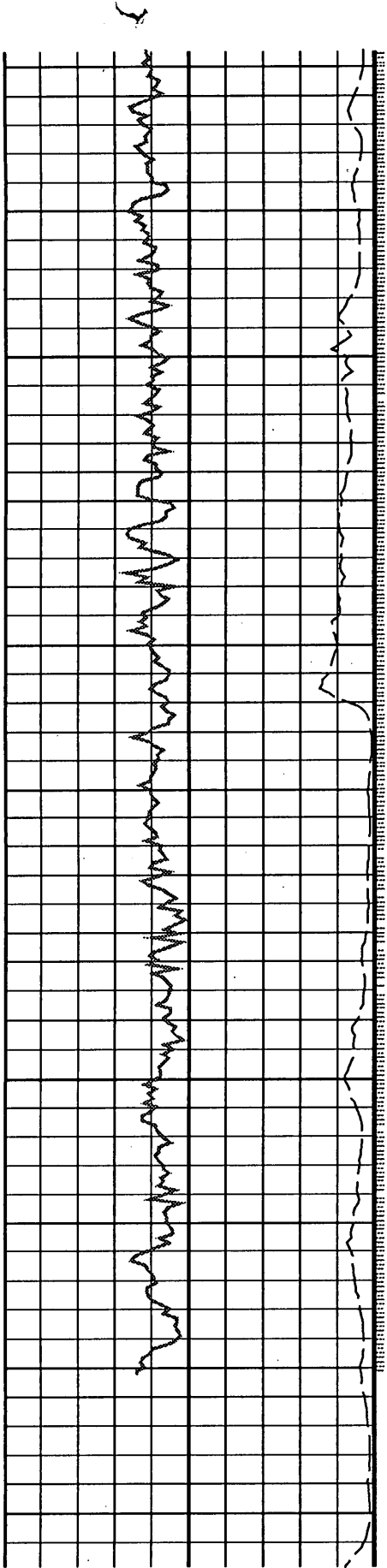
CDR Gamma Ray, Real-Time (GR\_CDR\_RT)  
(GAPI) 0 200

ROP\*5 (ROP5) 200 0  
(M/HR)

Attenuation Resistivity, Real-Time (ATR\_RT)  
(OHMM) 0.2 2000

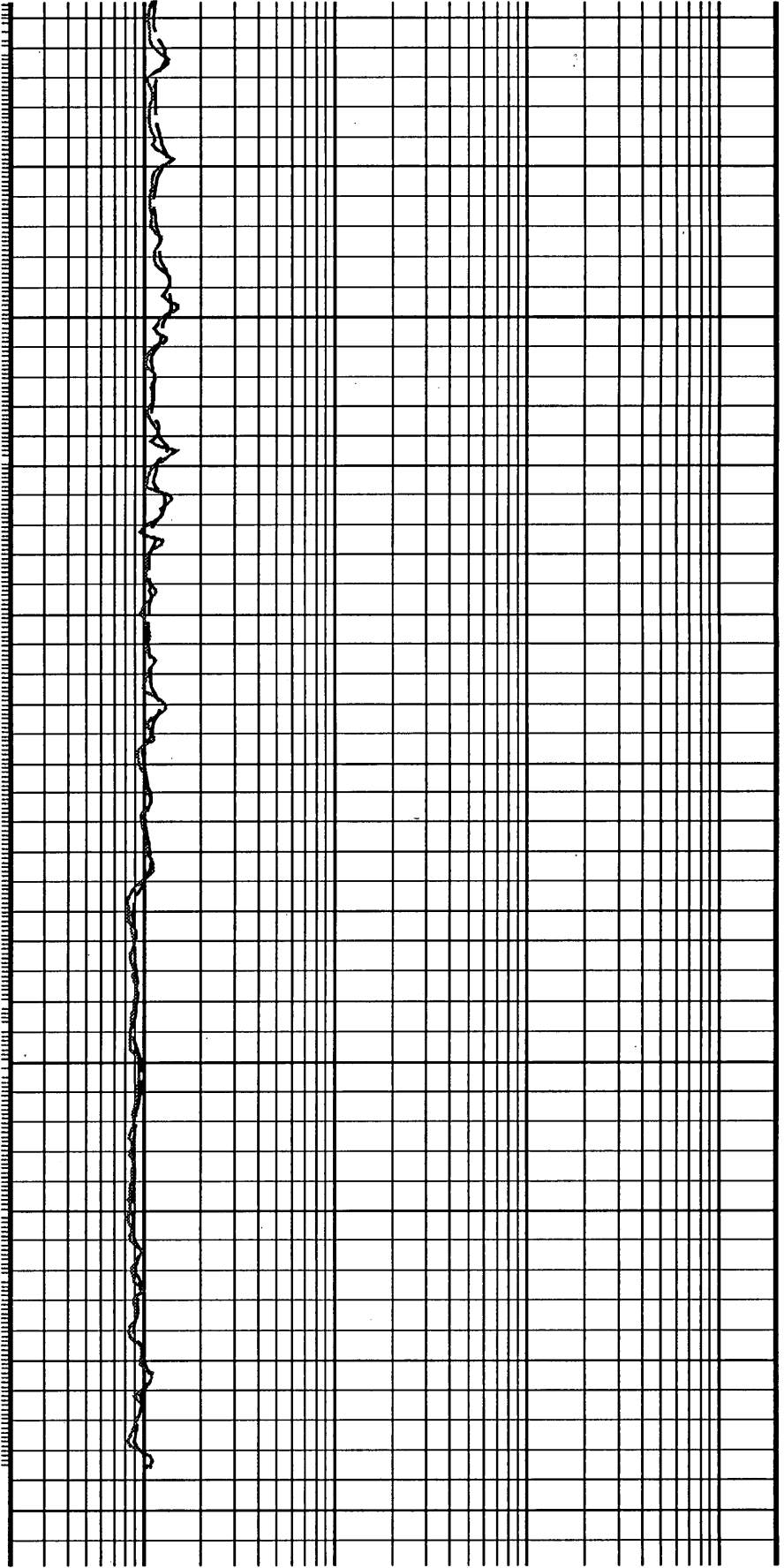
PhaseShift Resistivity, Real-Time (PSR\_RT)  
(OHMM) 0.2 2000

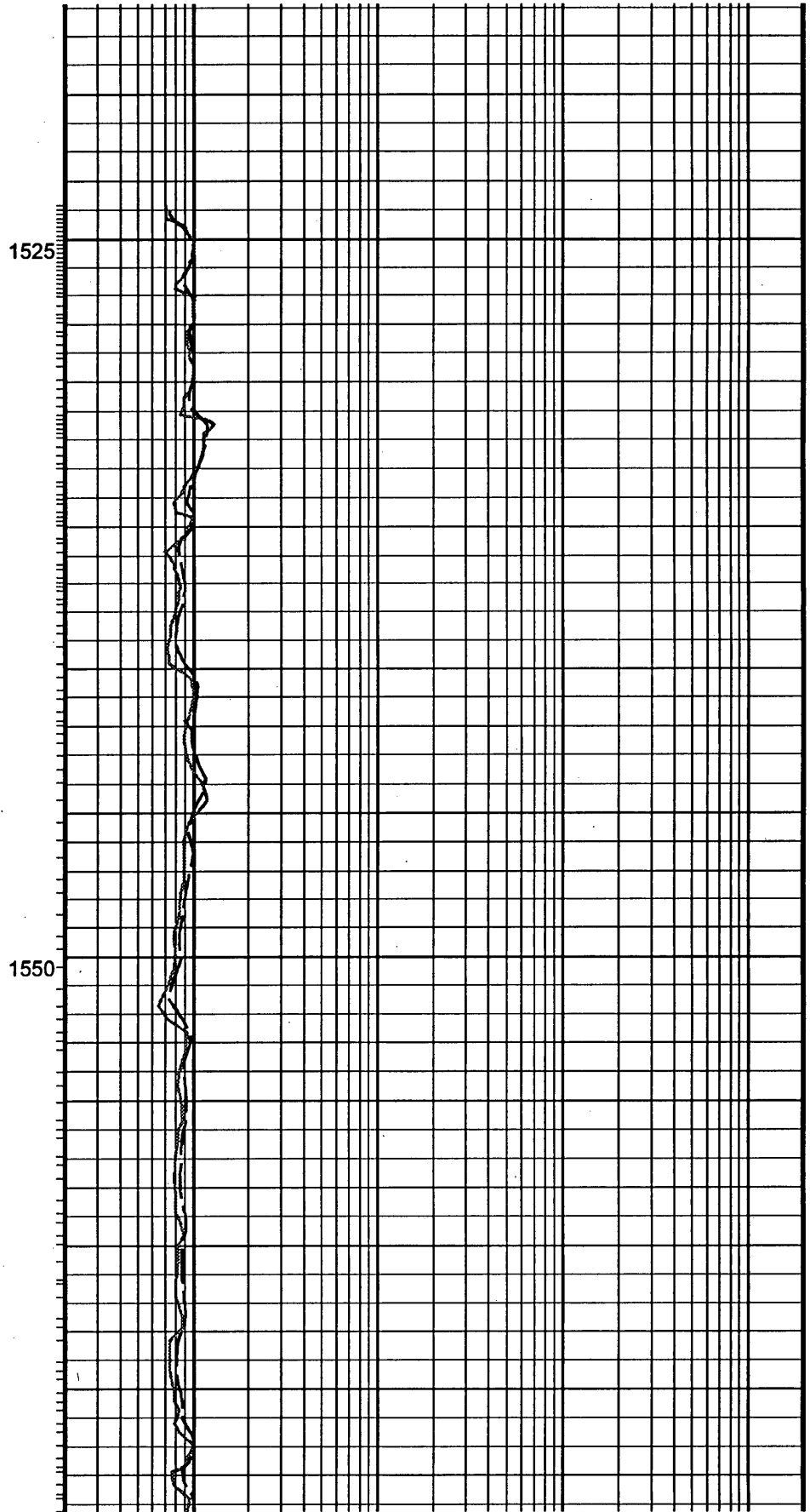
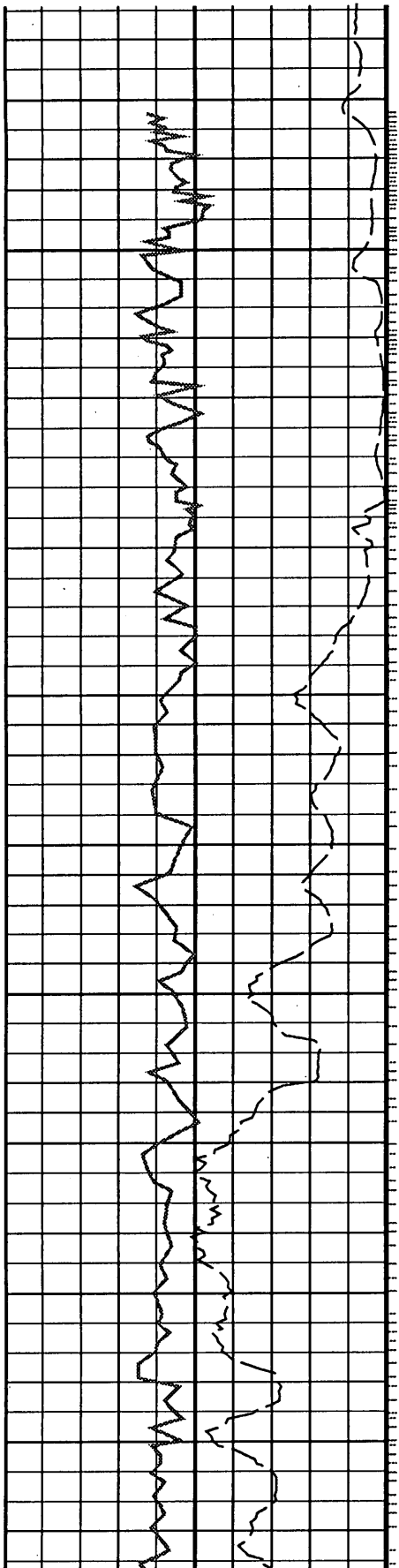


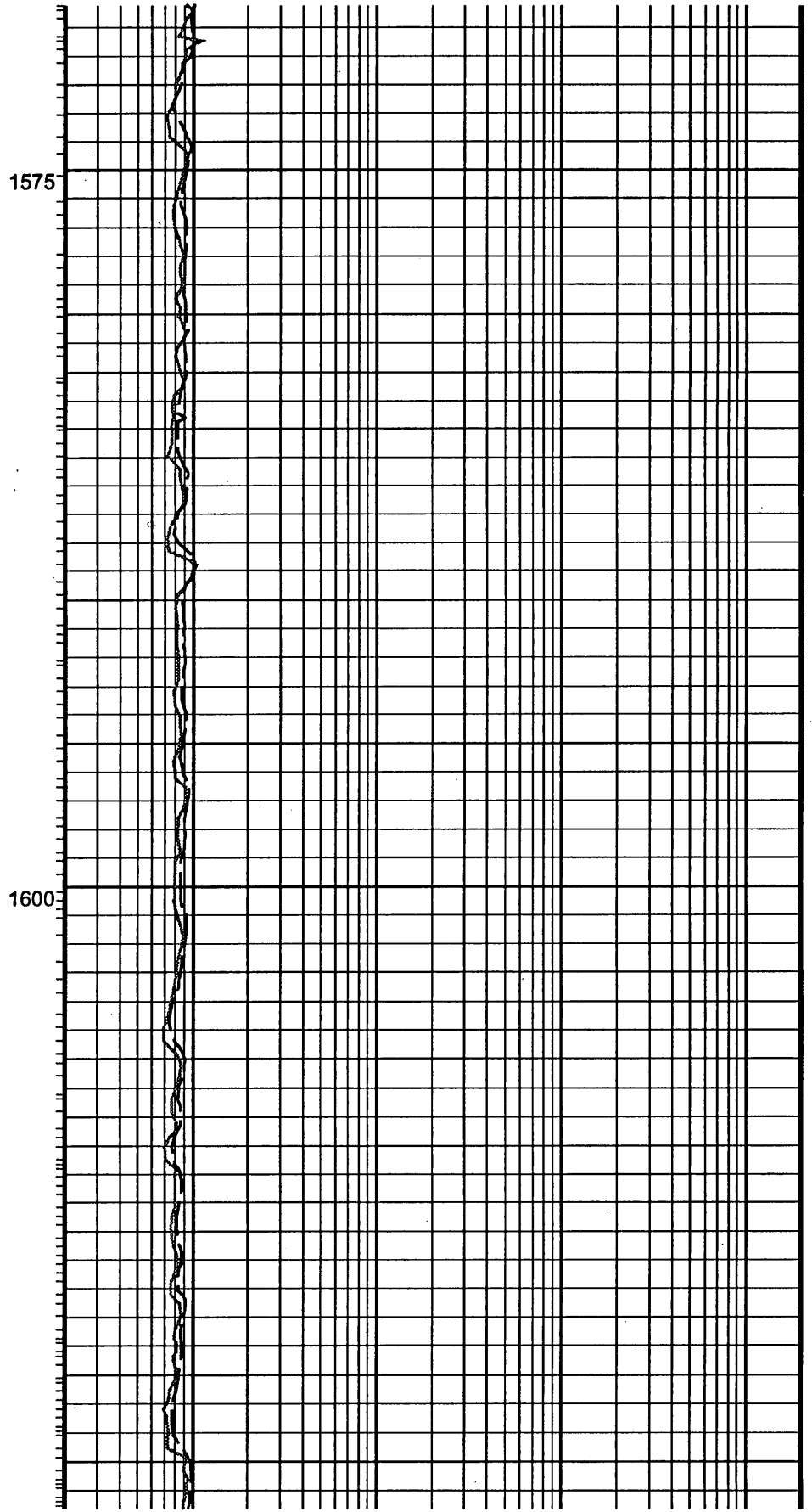
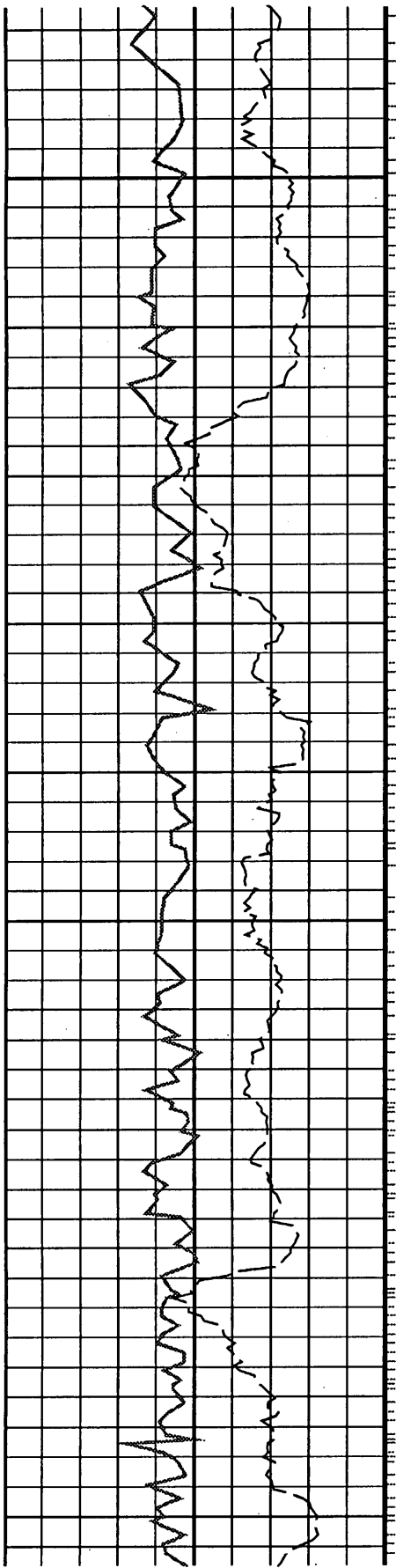


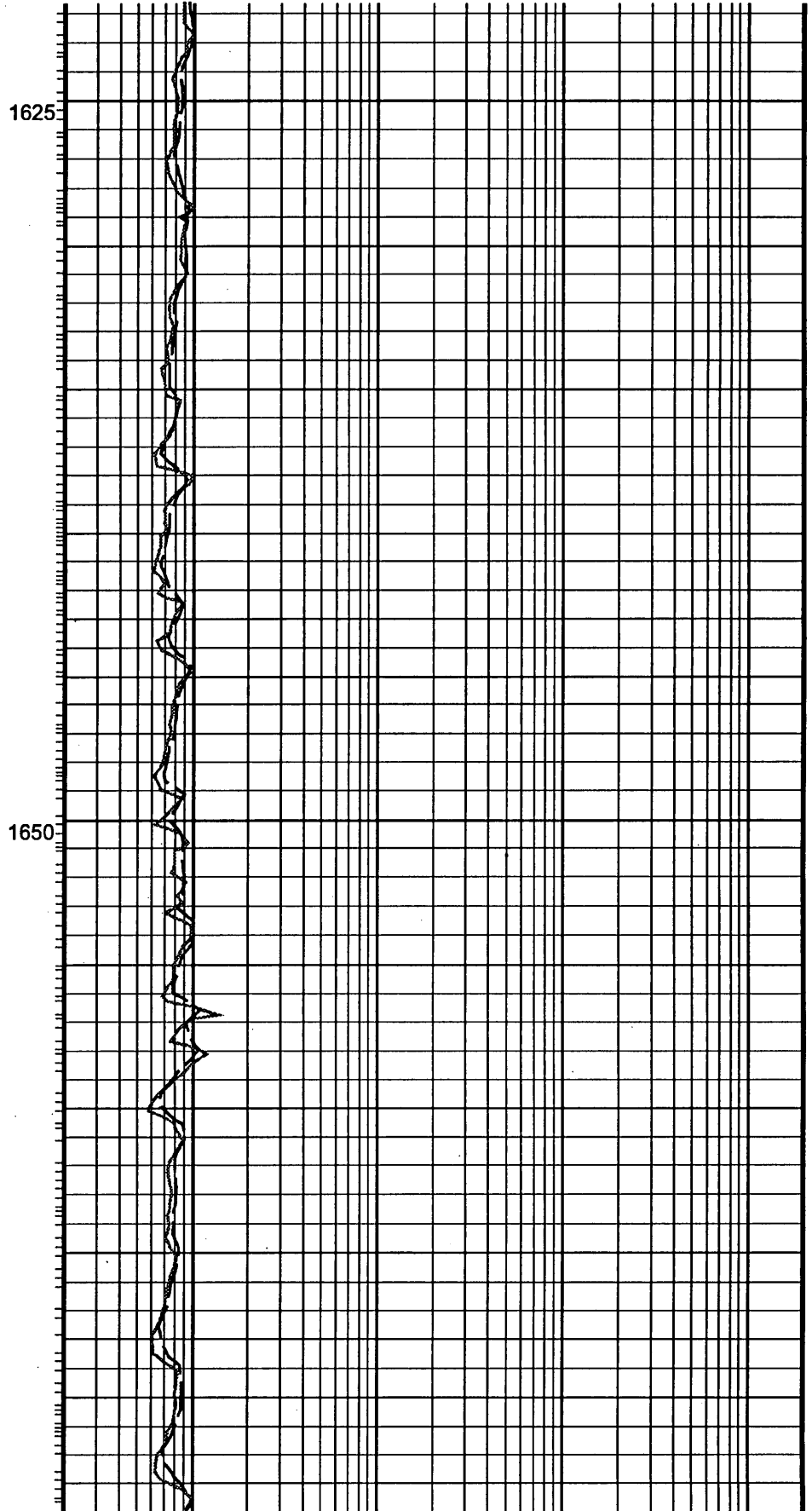
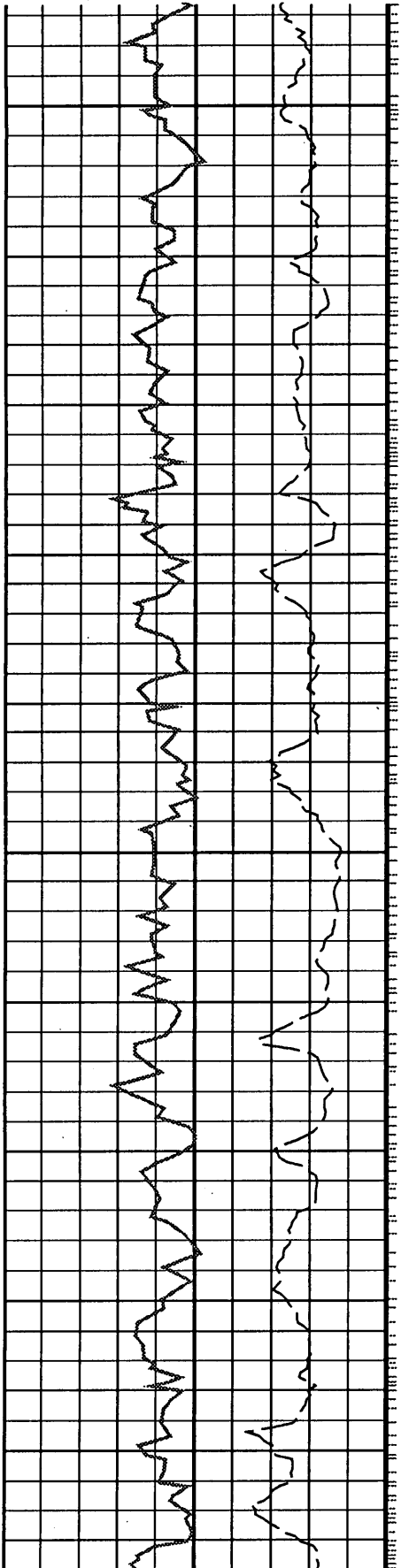
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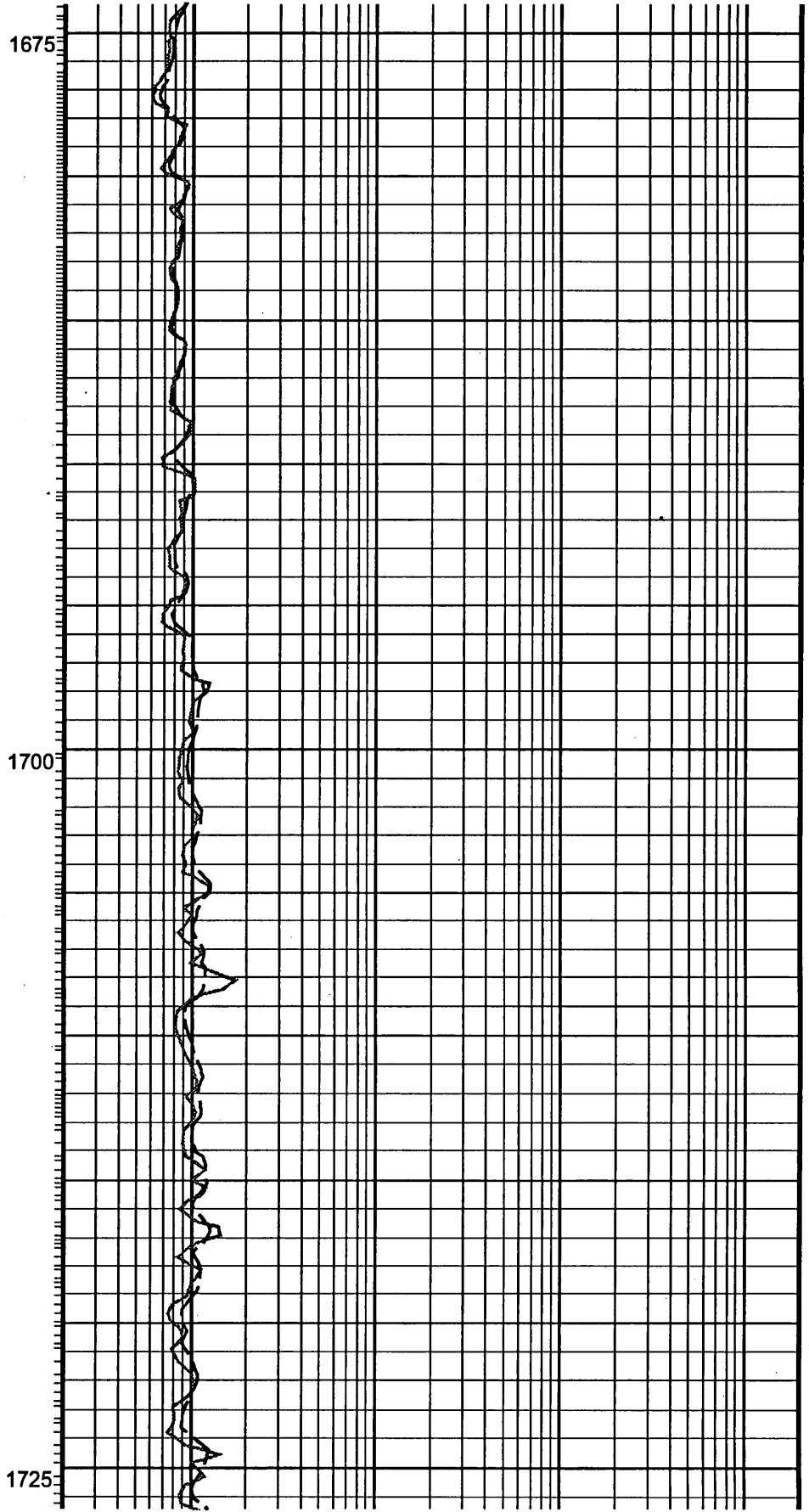
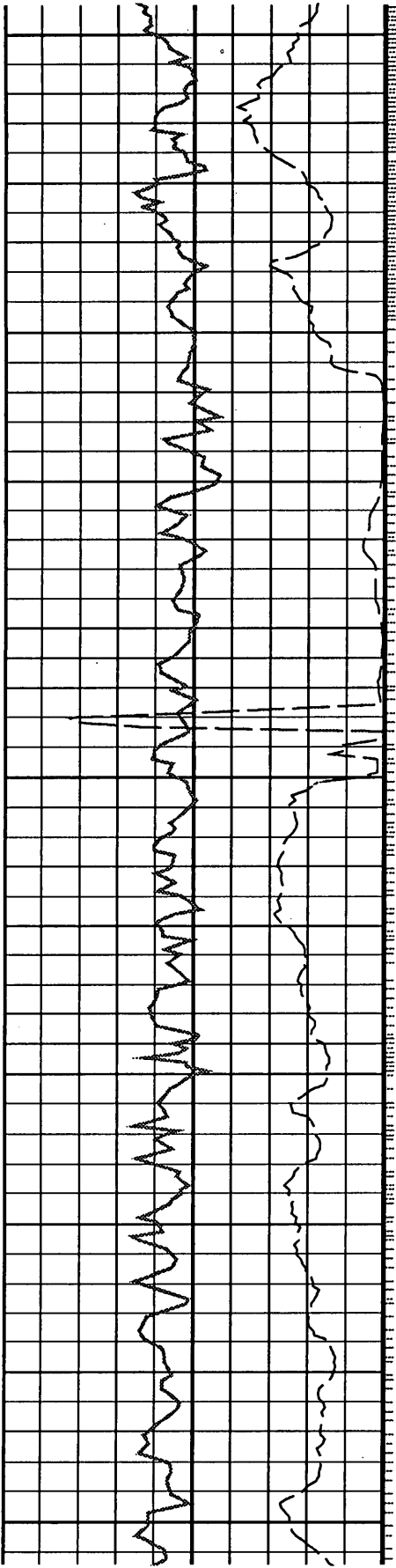


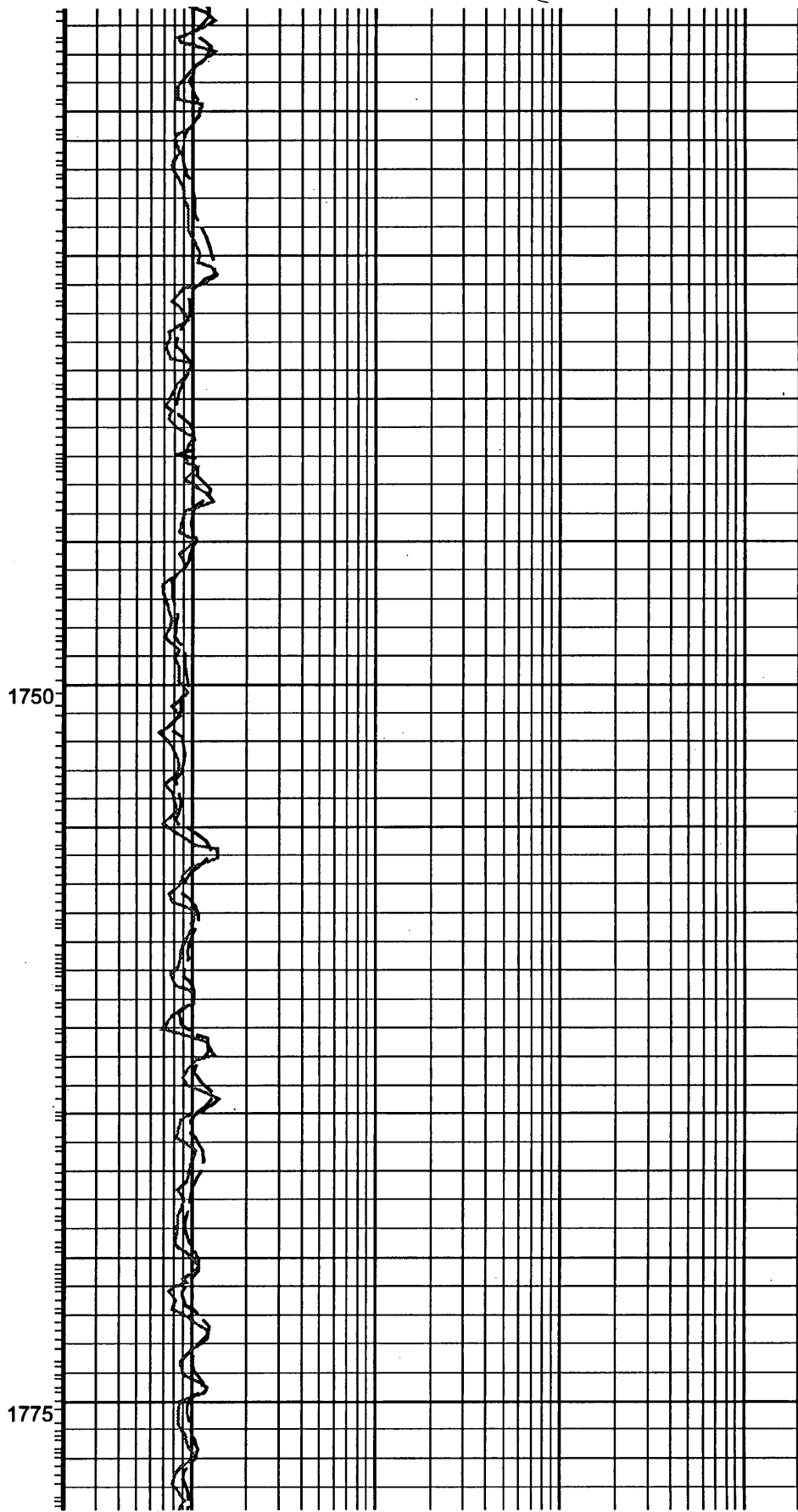
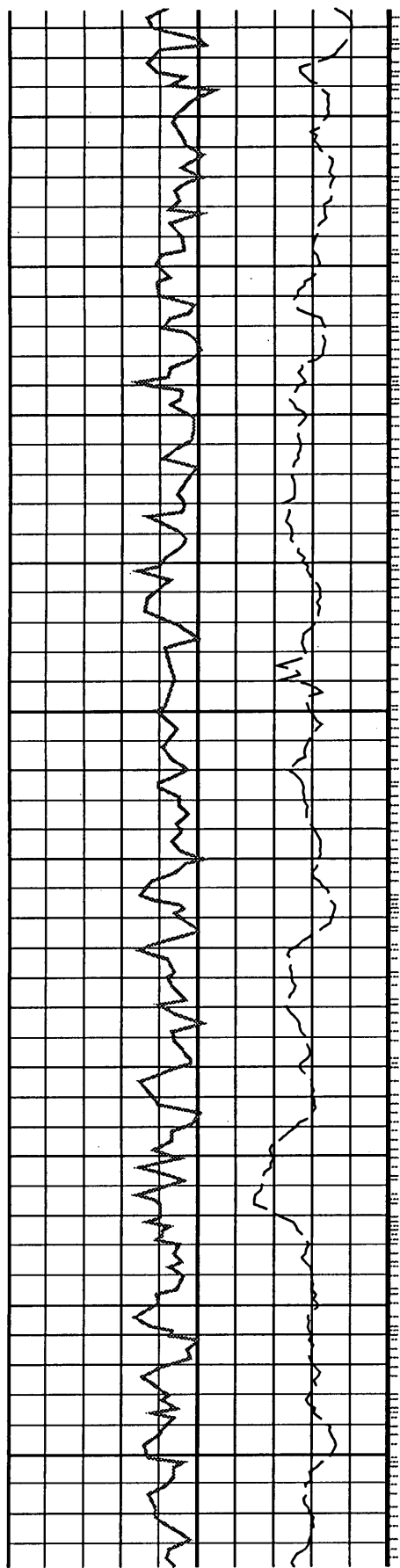


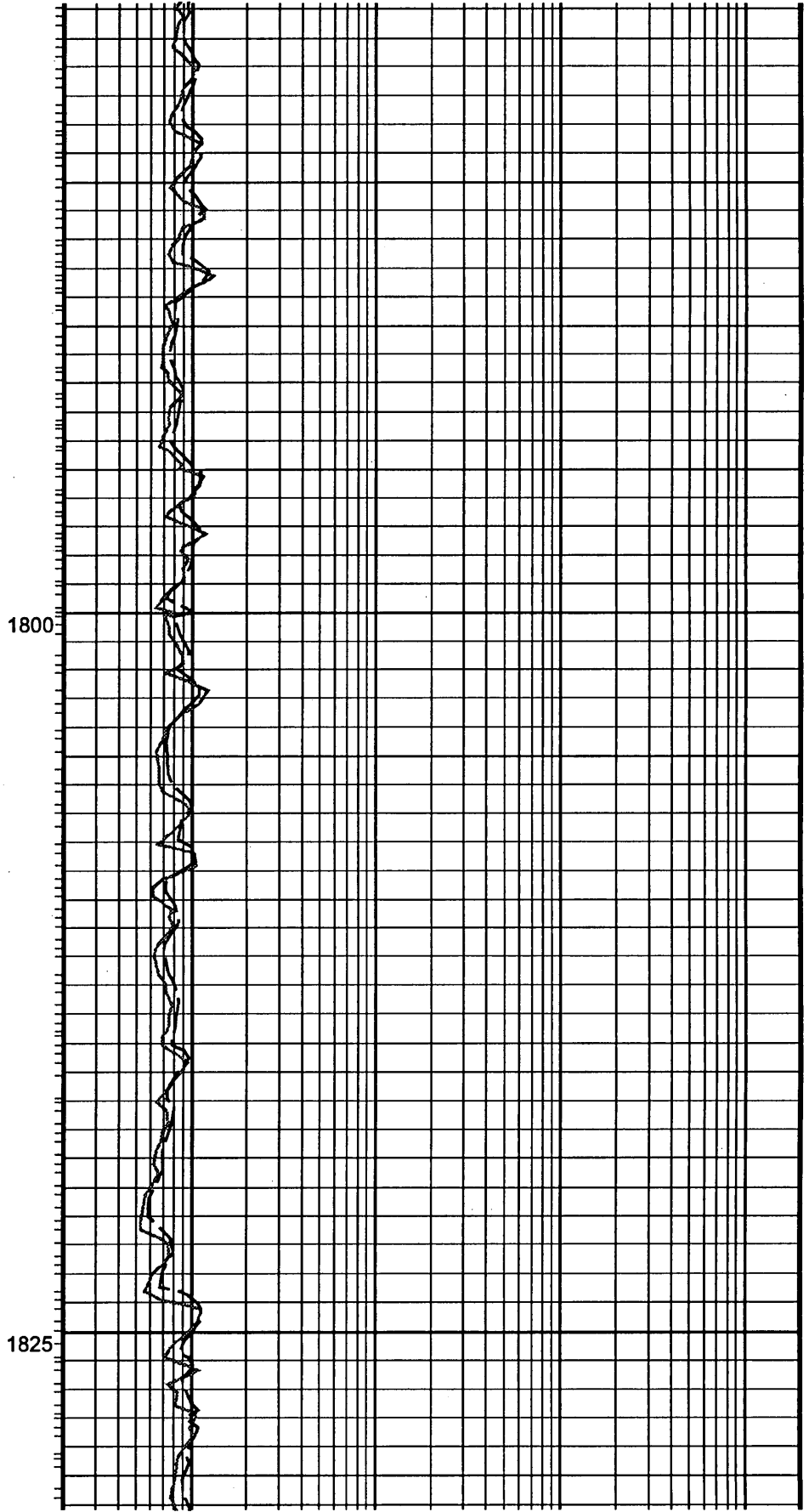
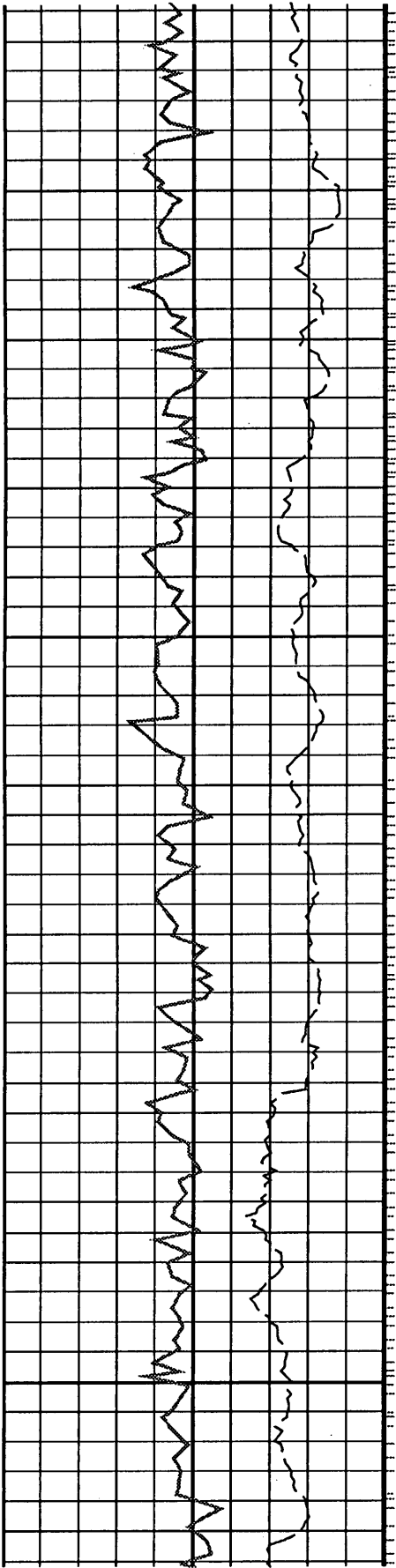


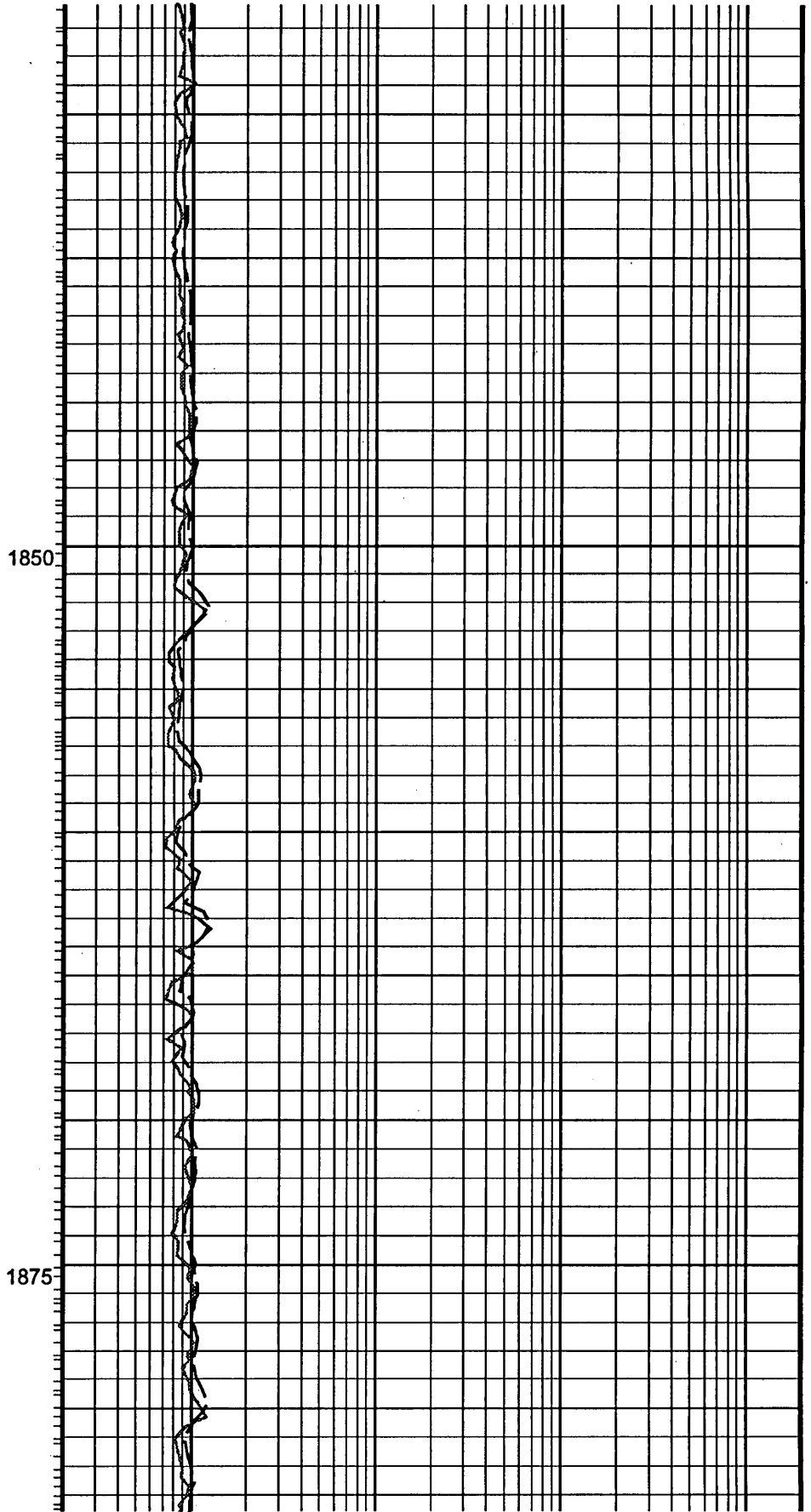
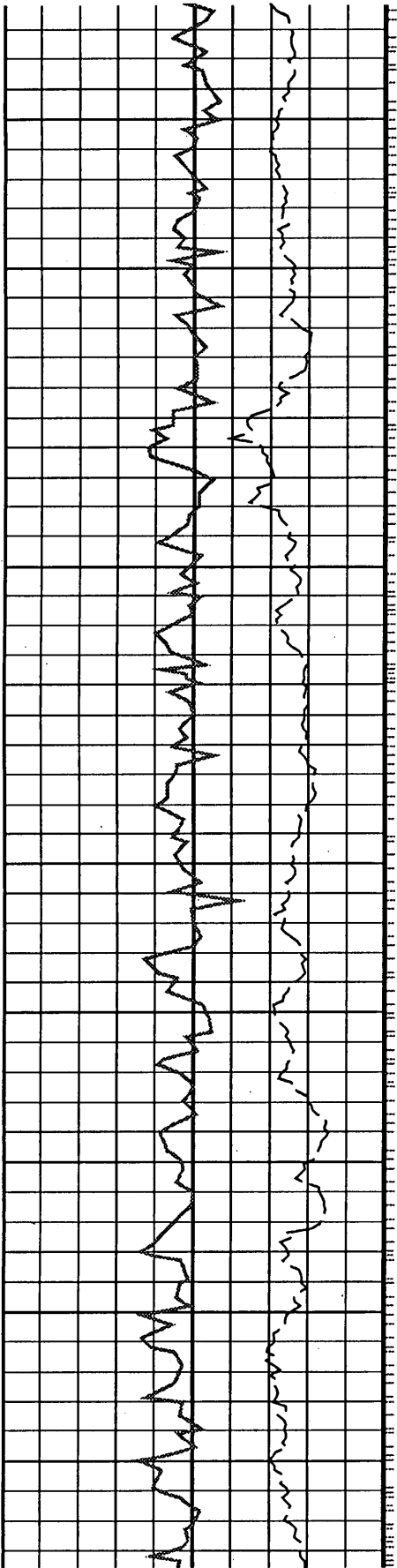


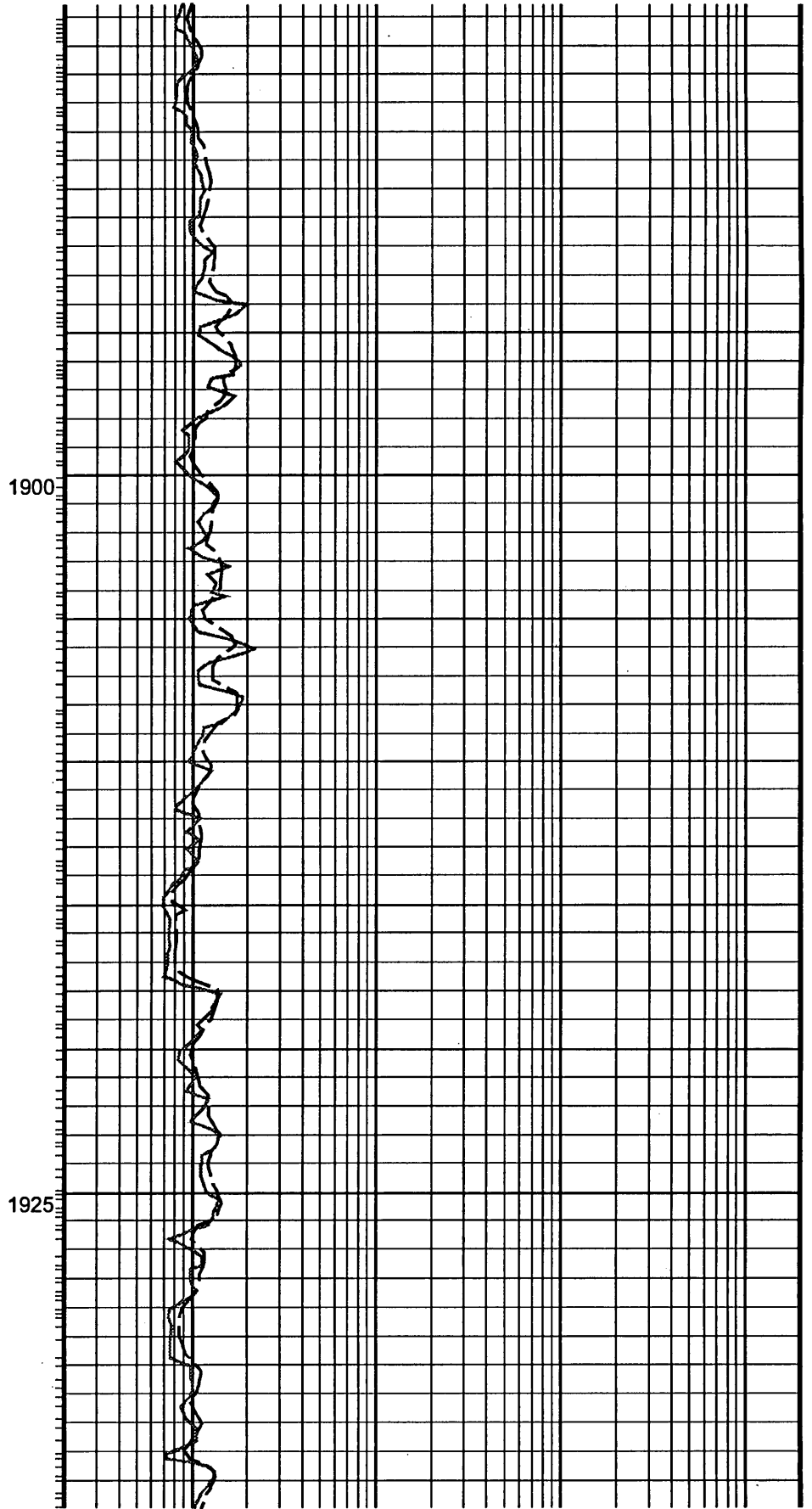
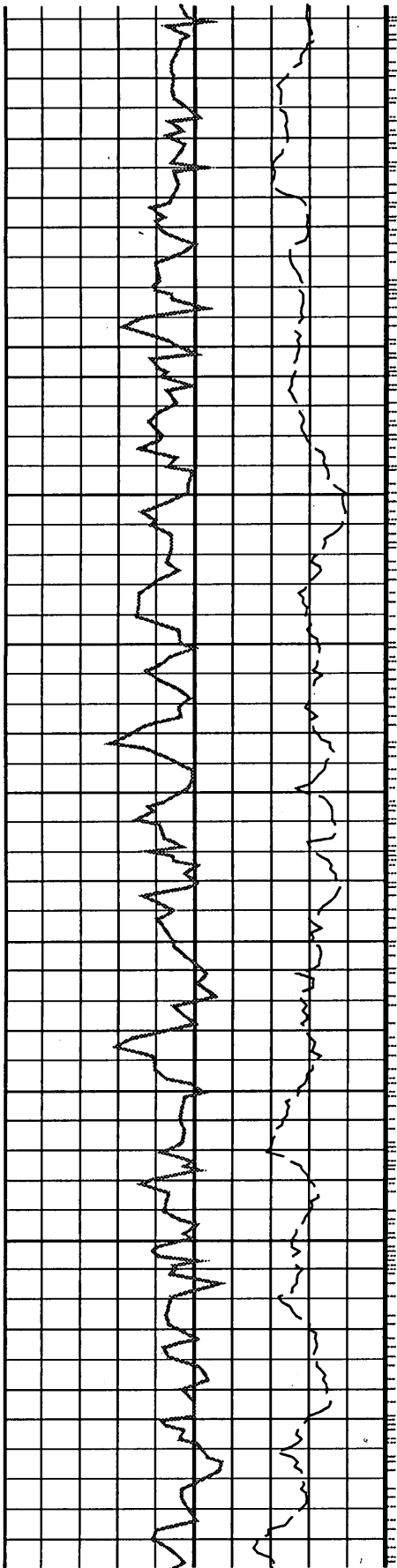


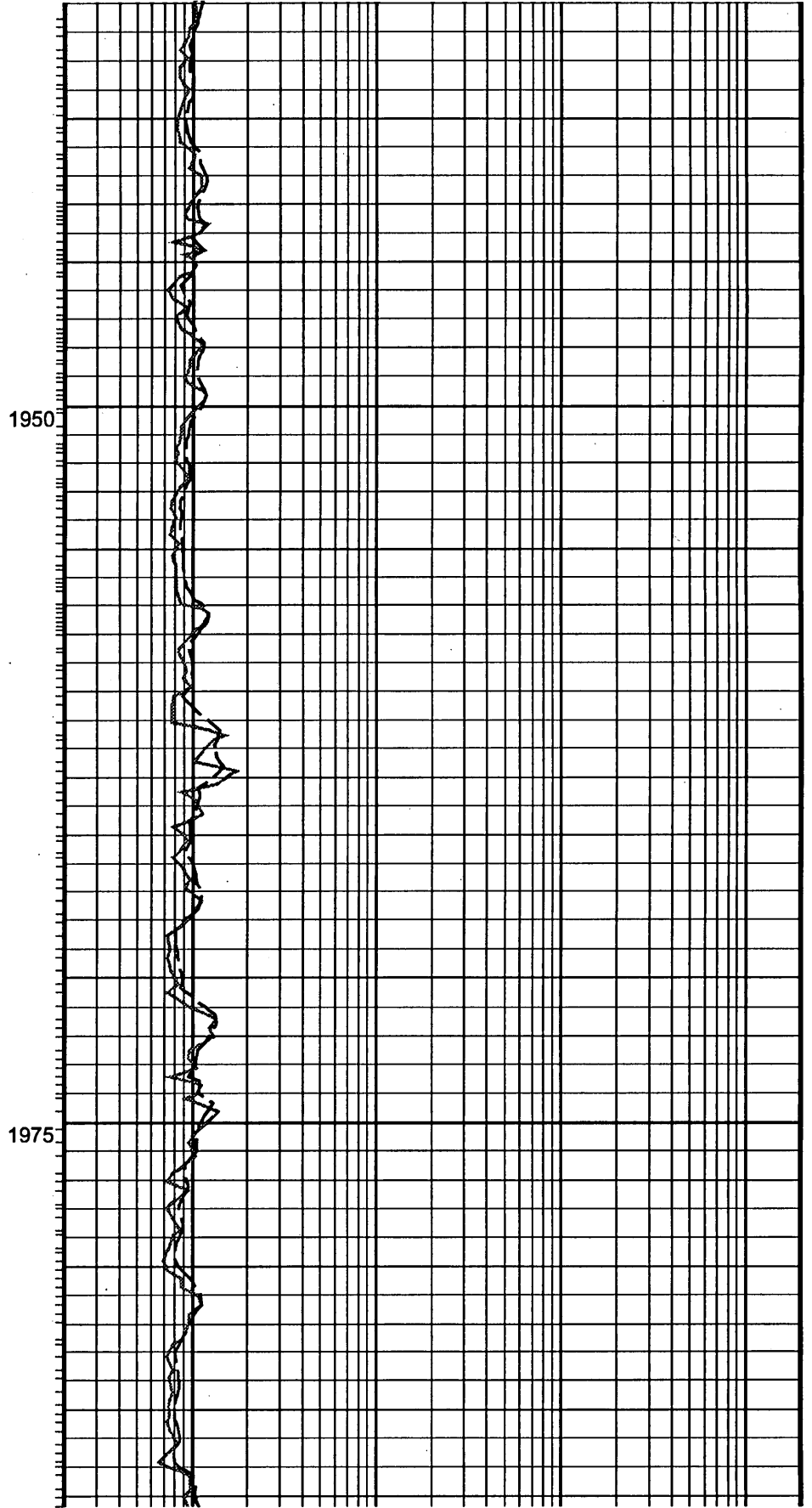
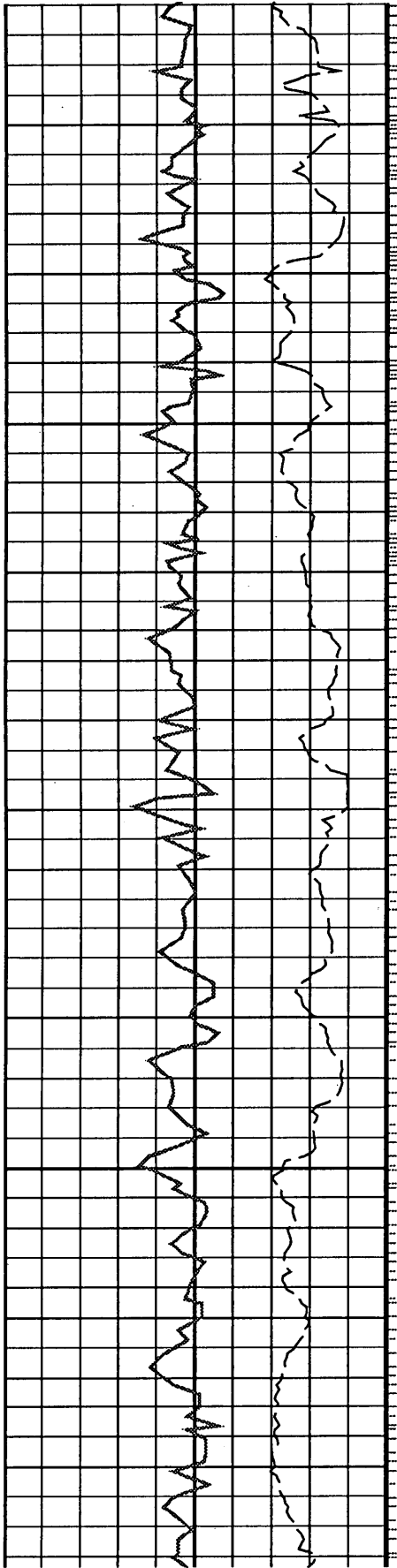


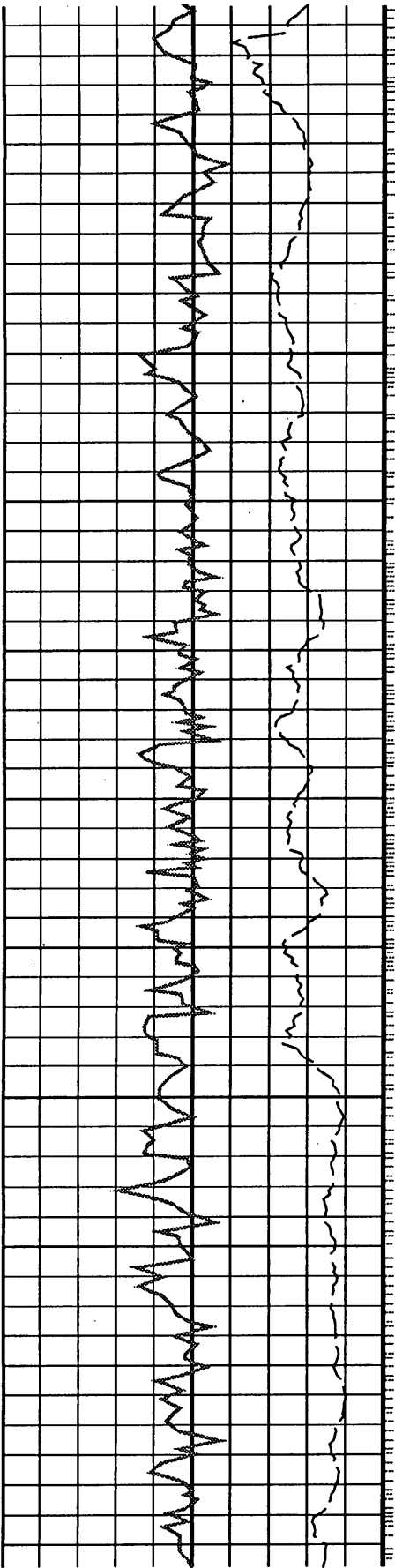






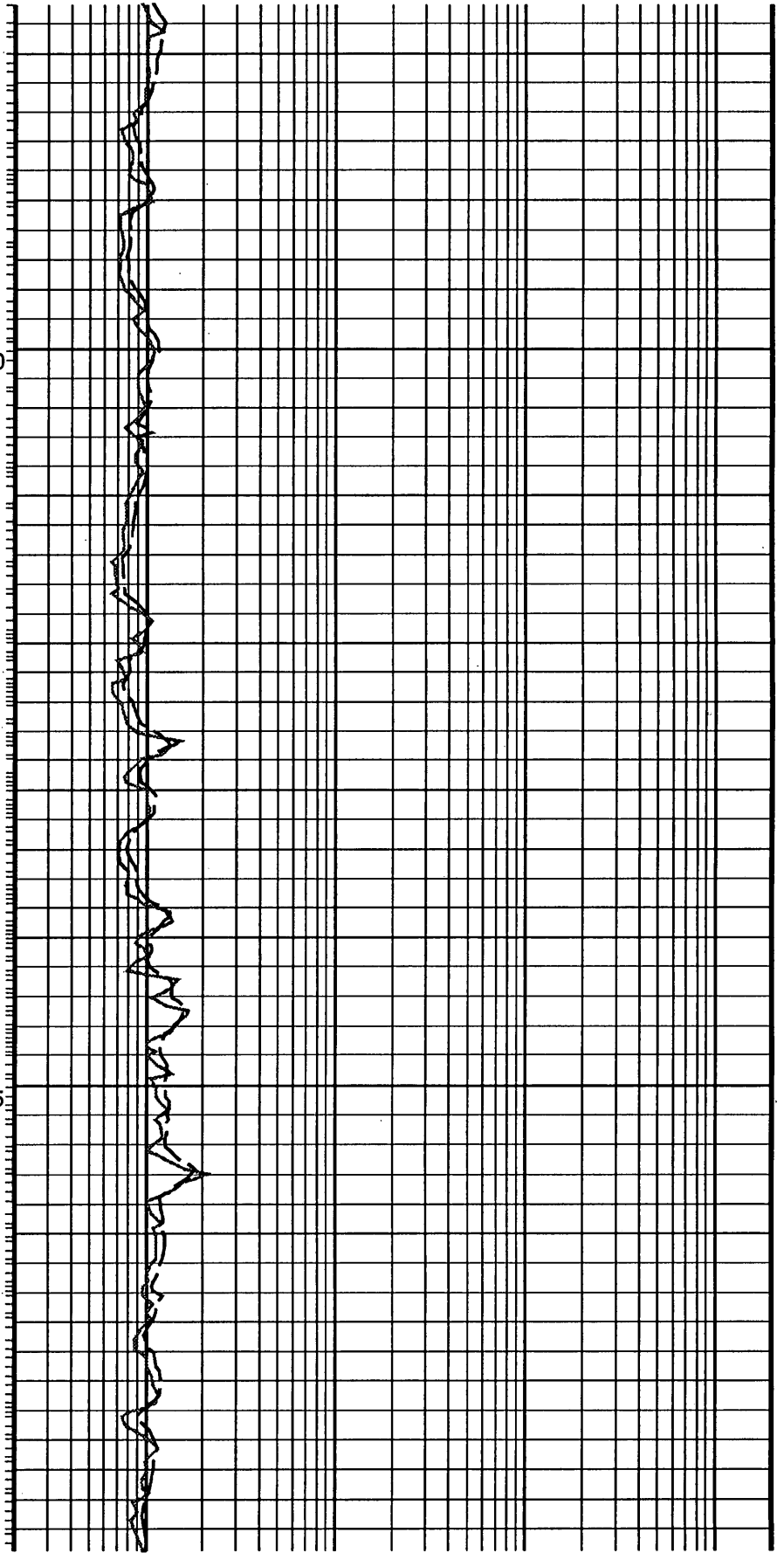


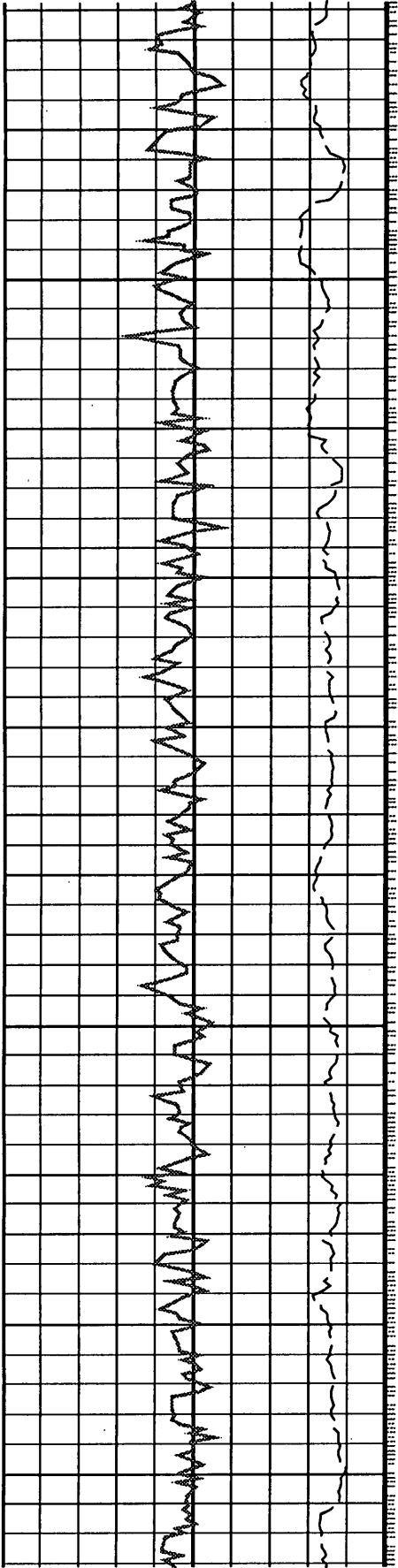




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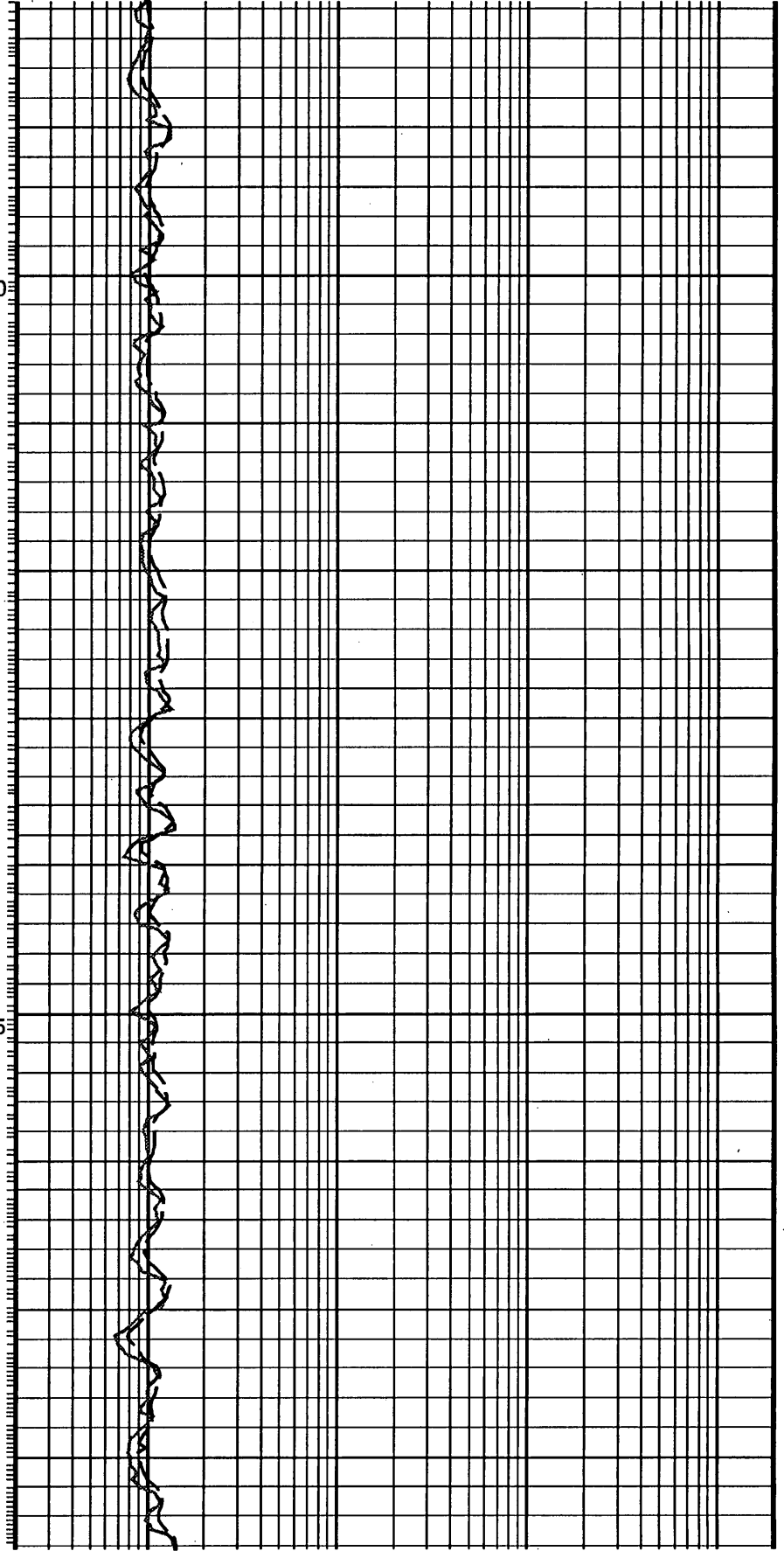
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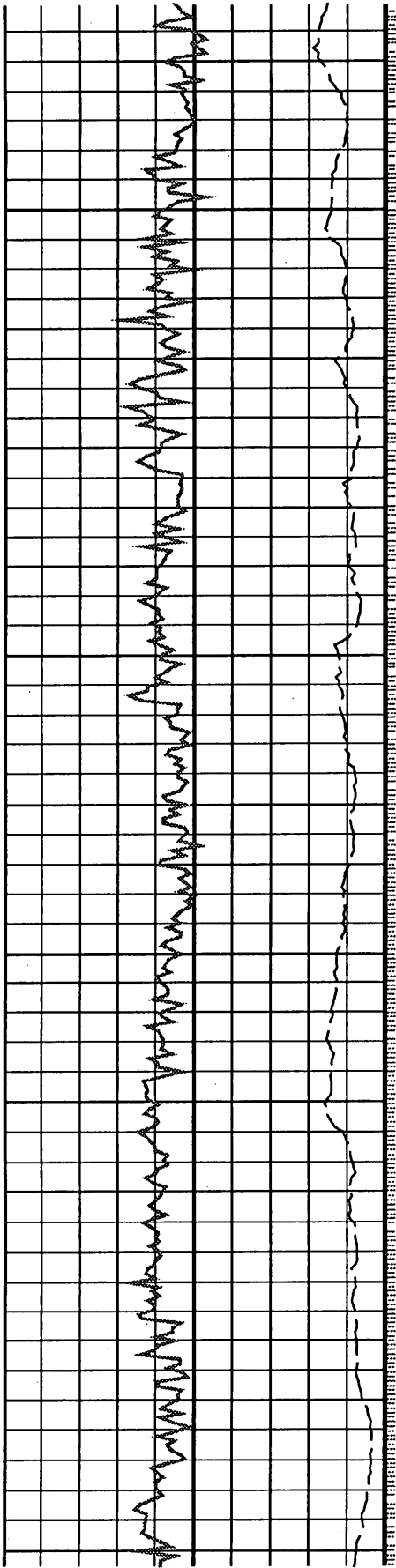


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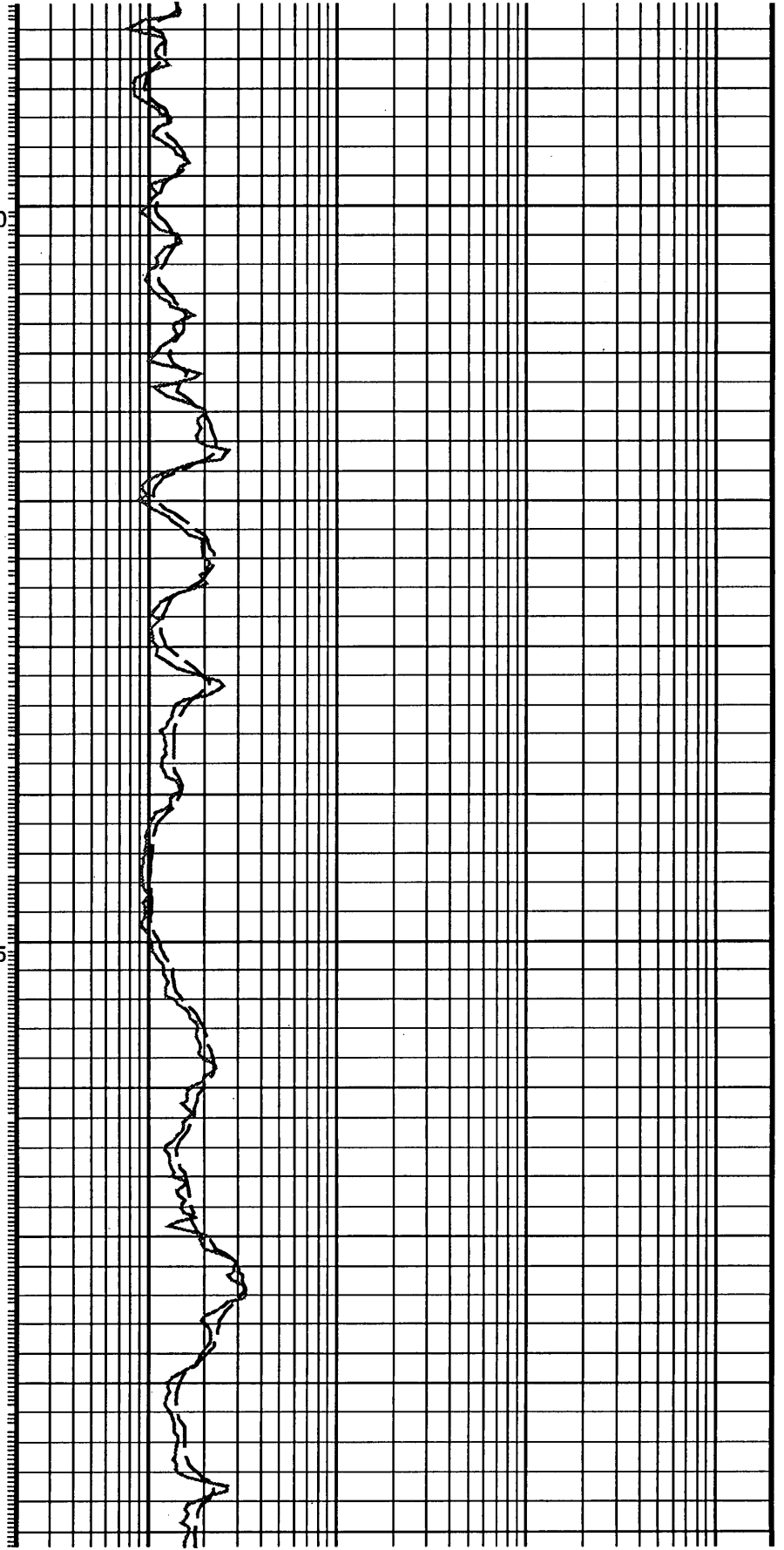


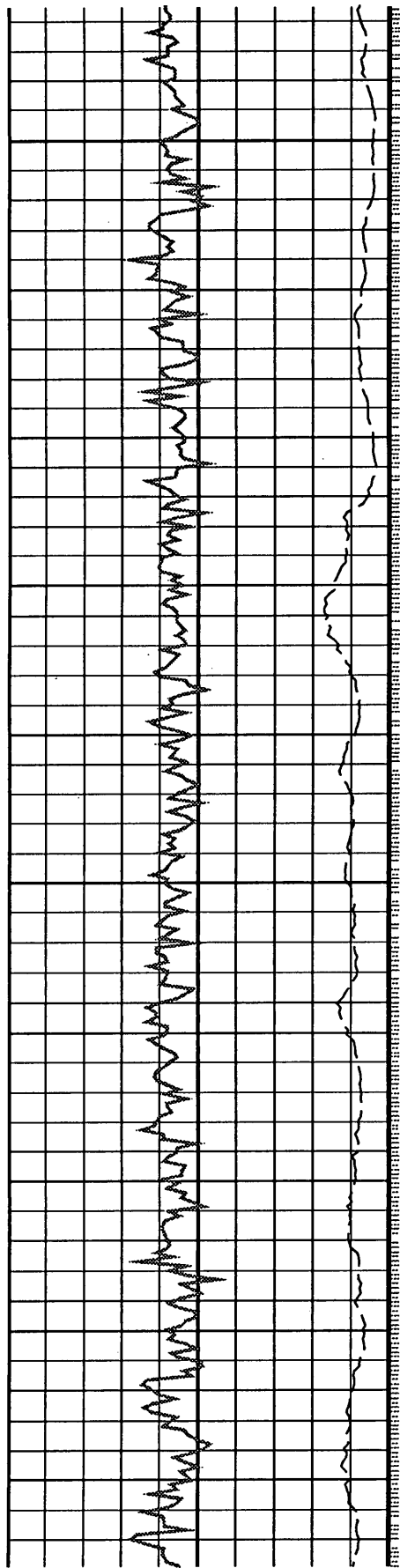




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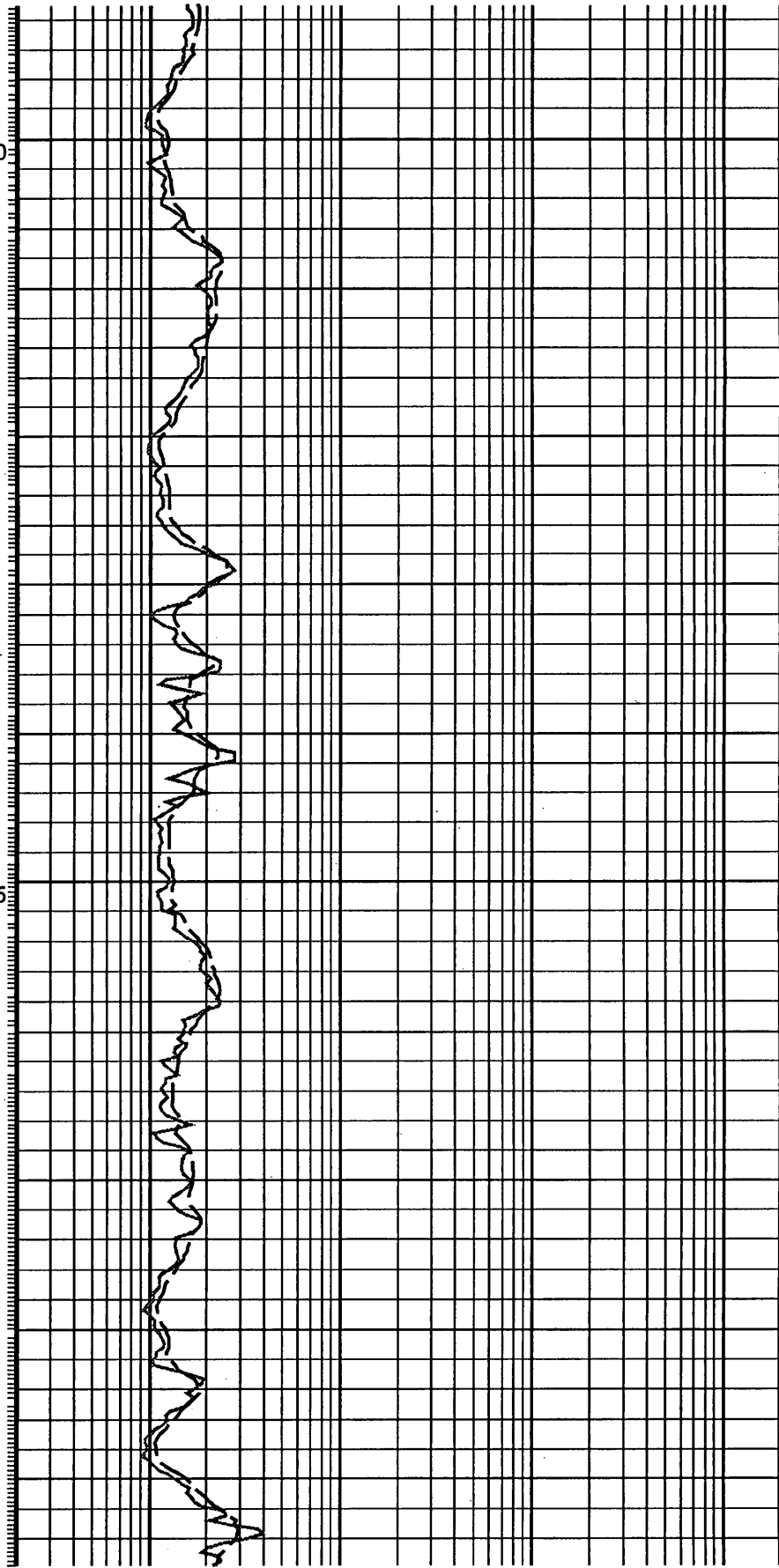
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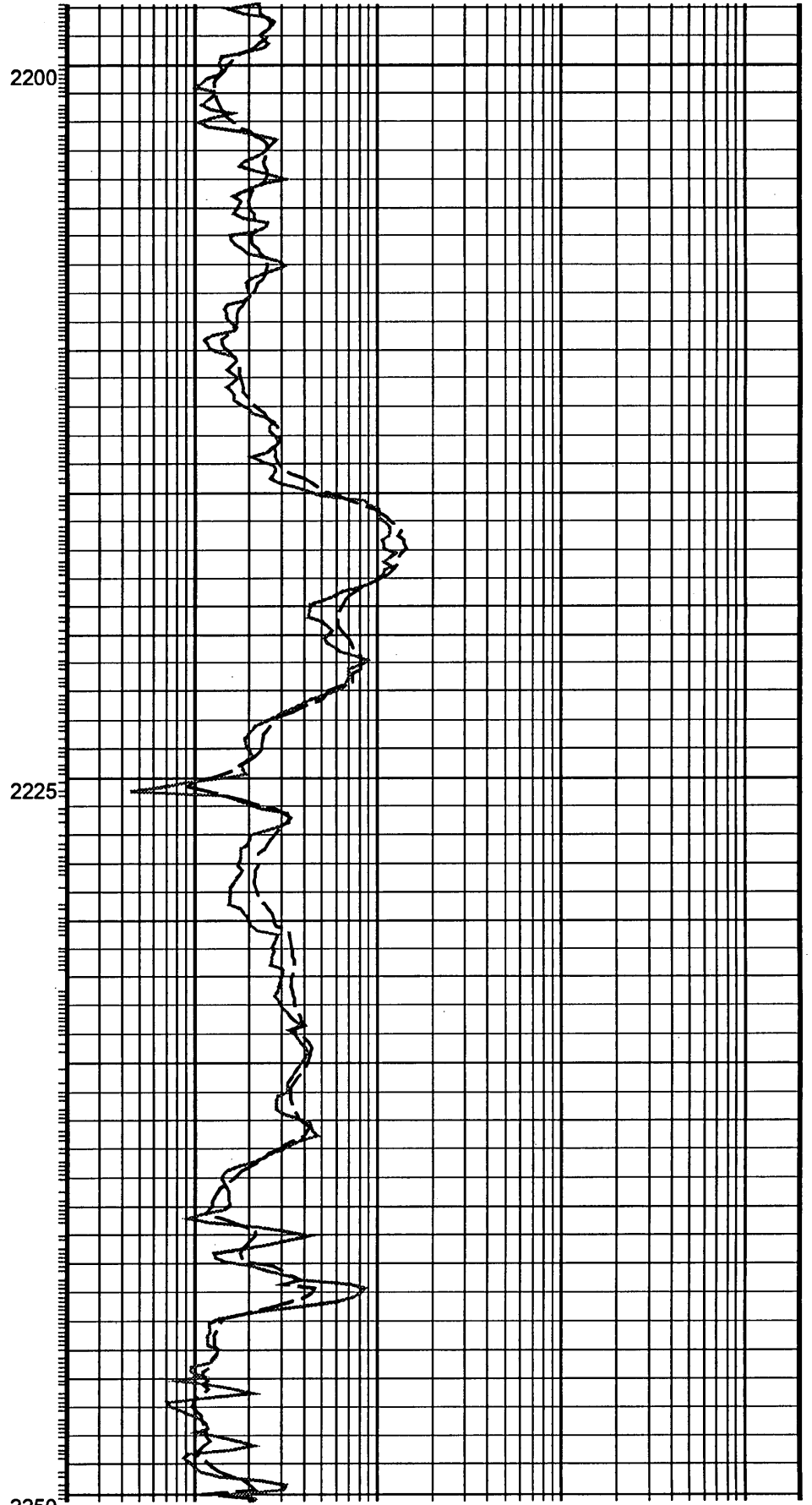
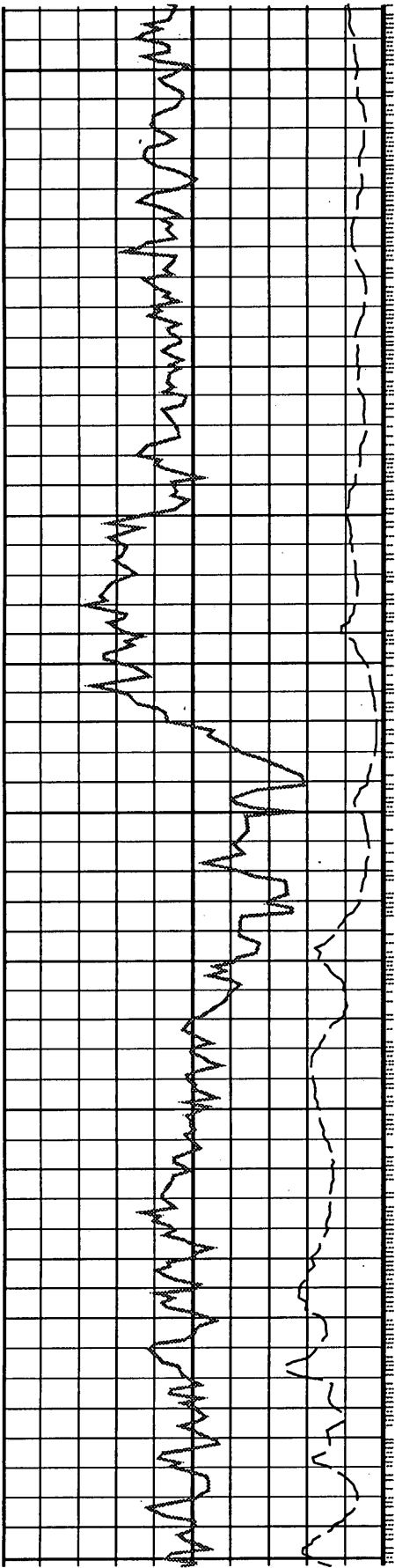


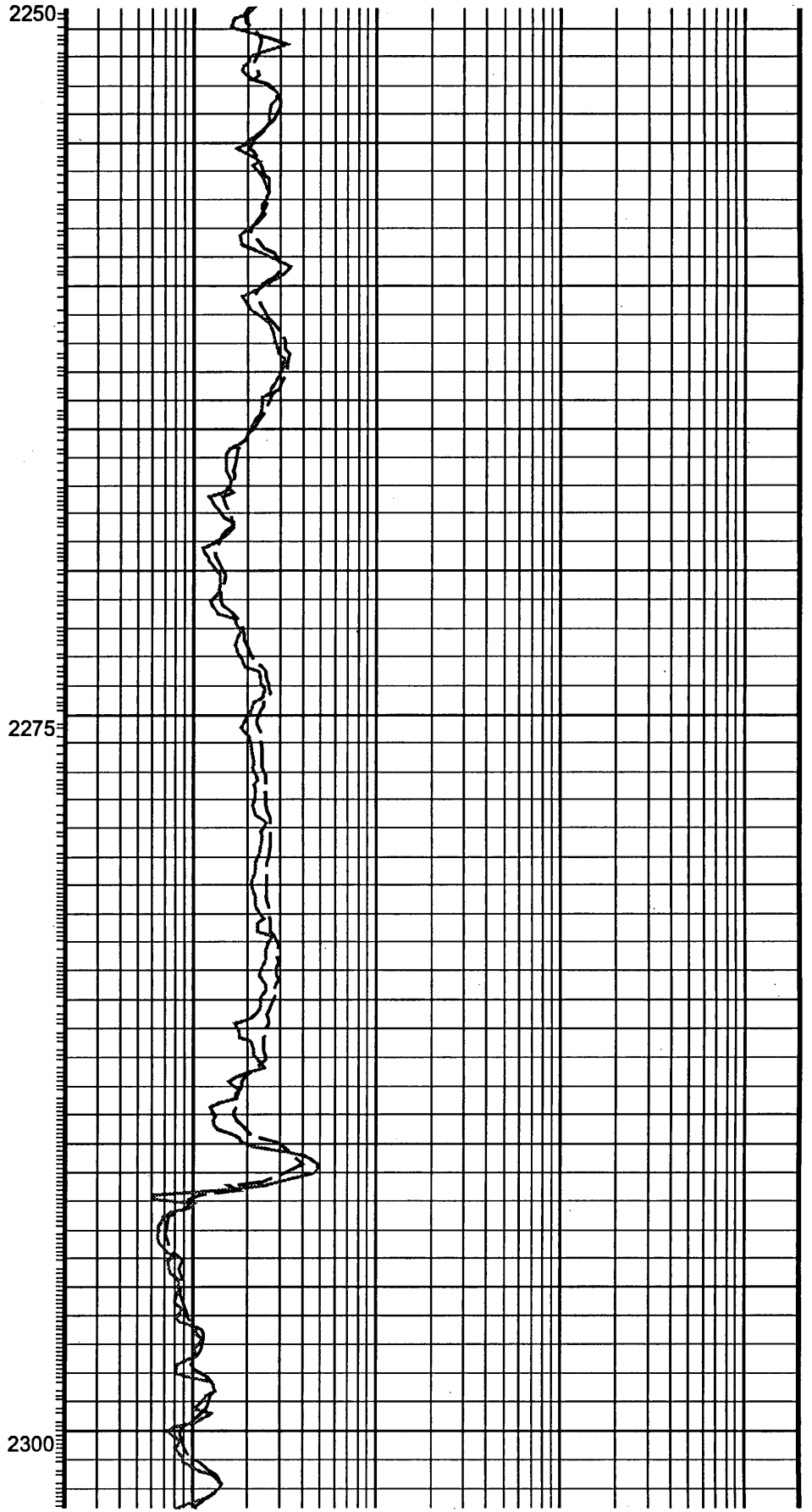
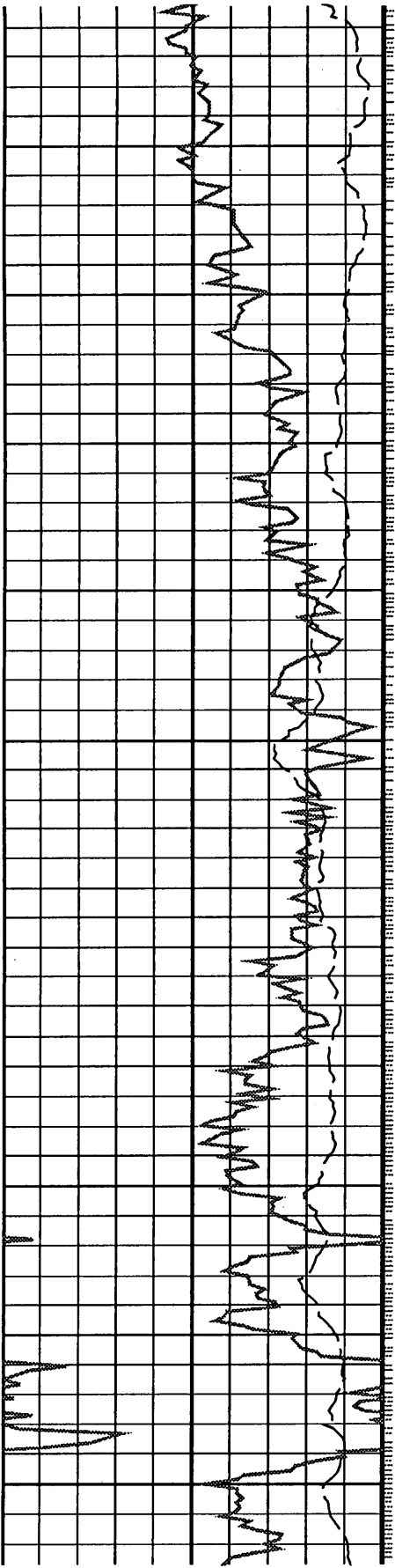


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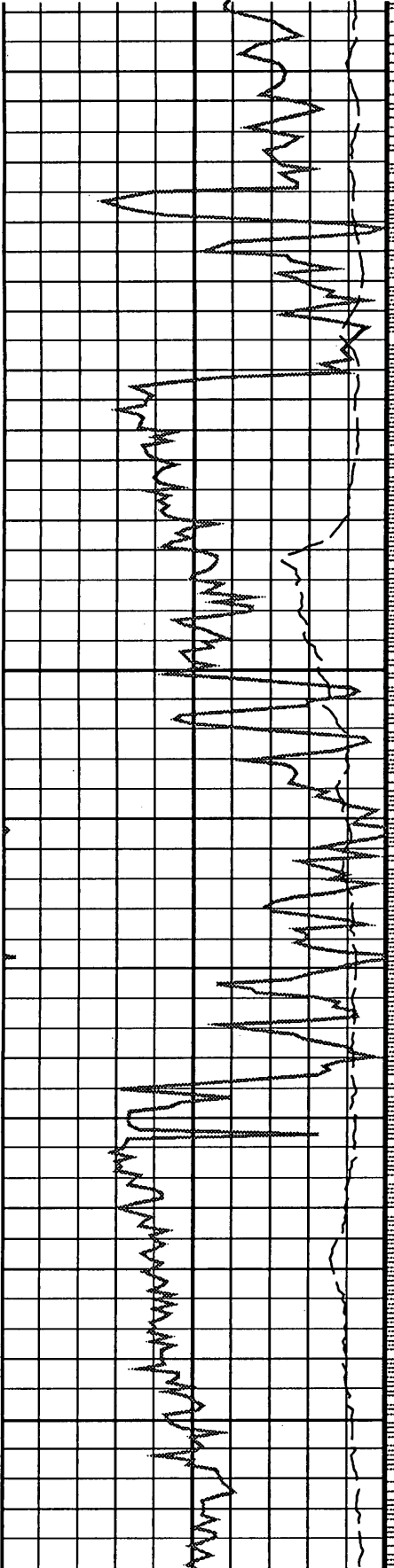
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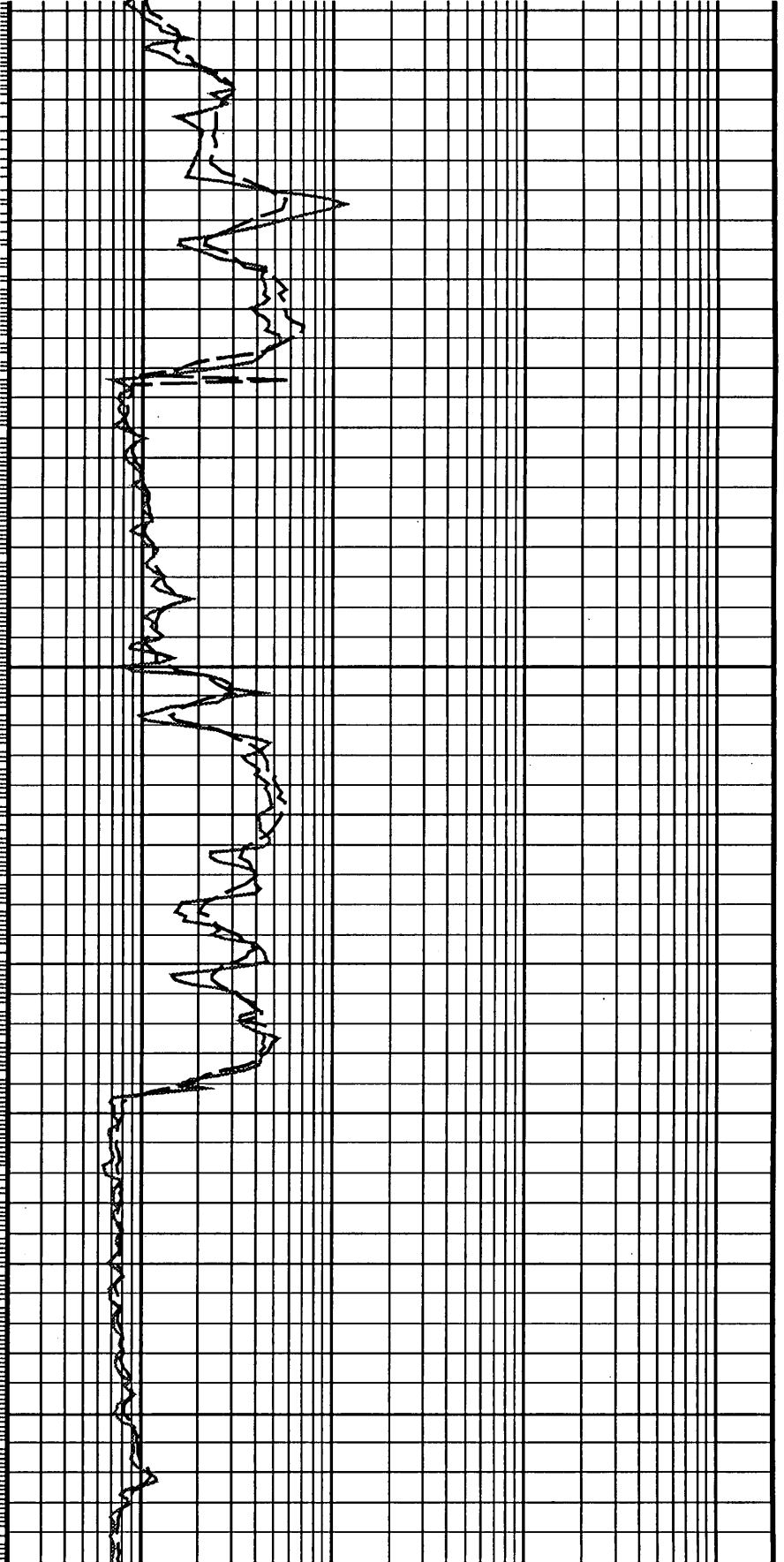


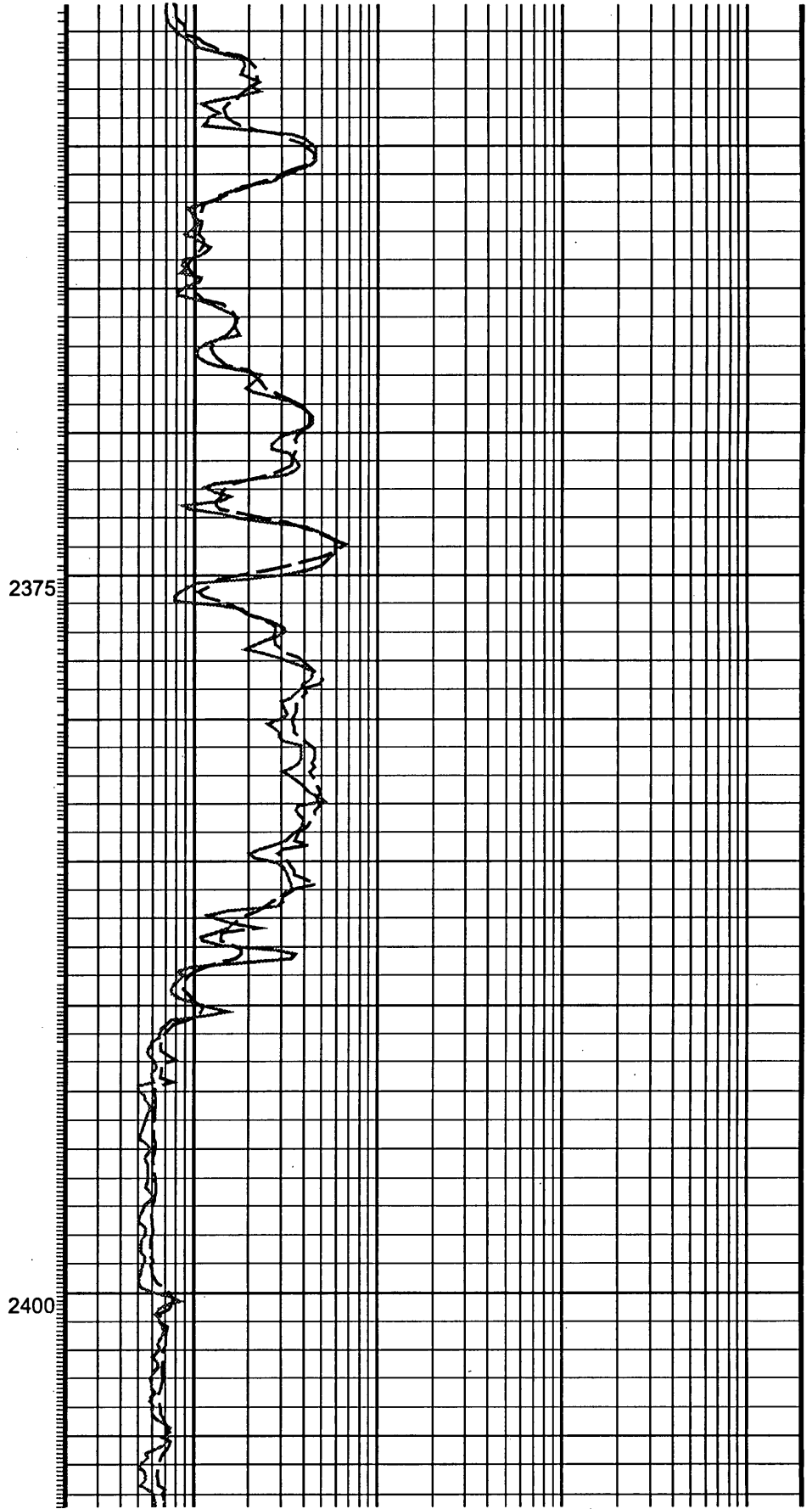
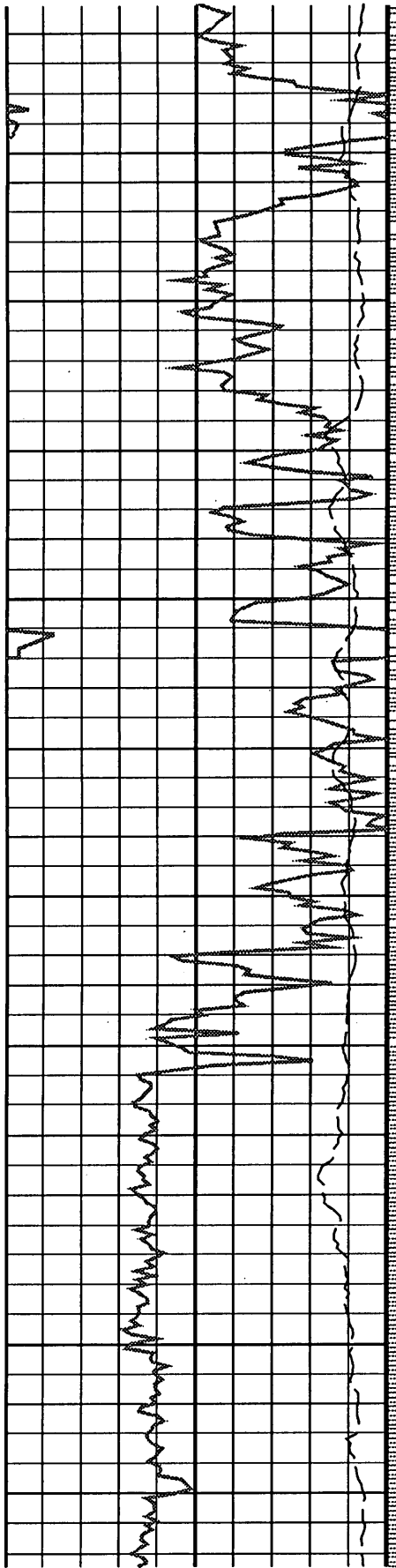
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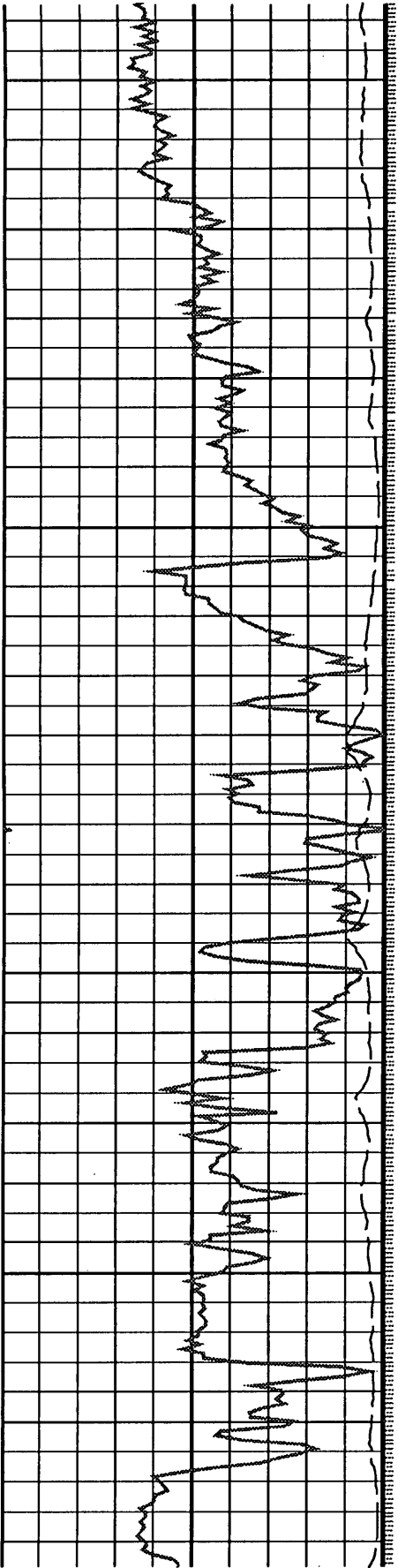


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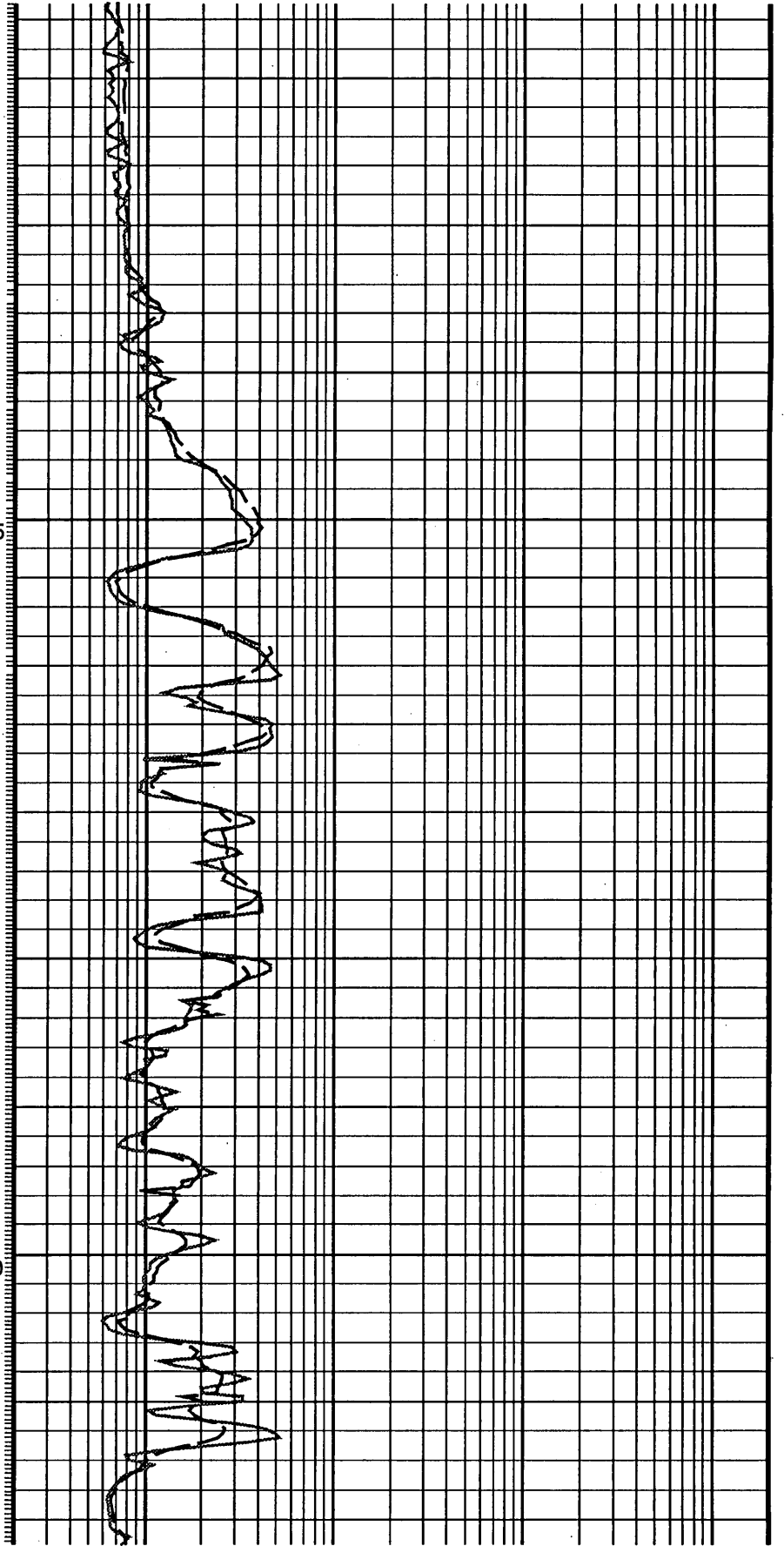


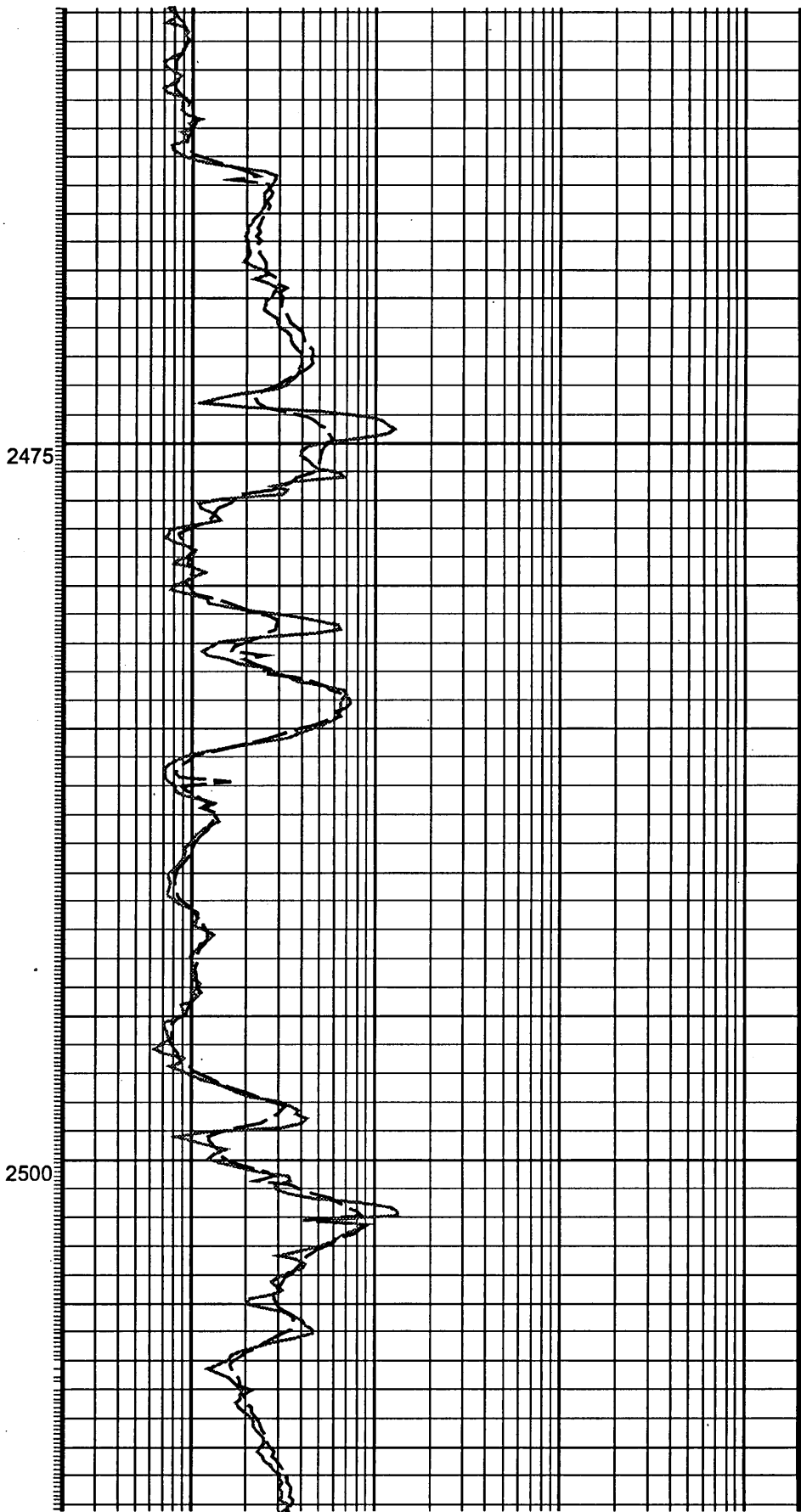
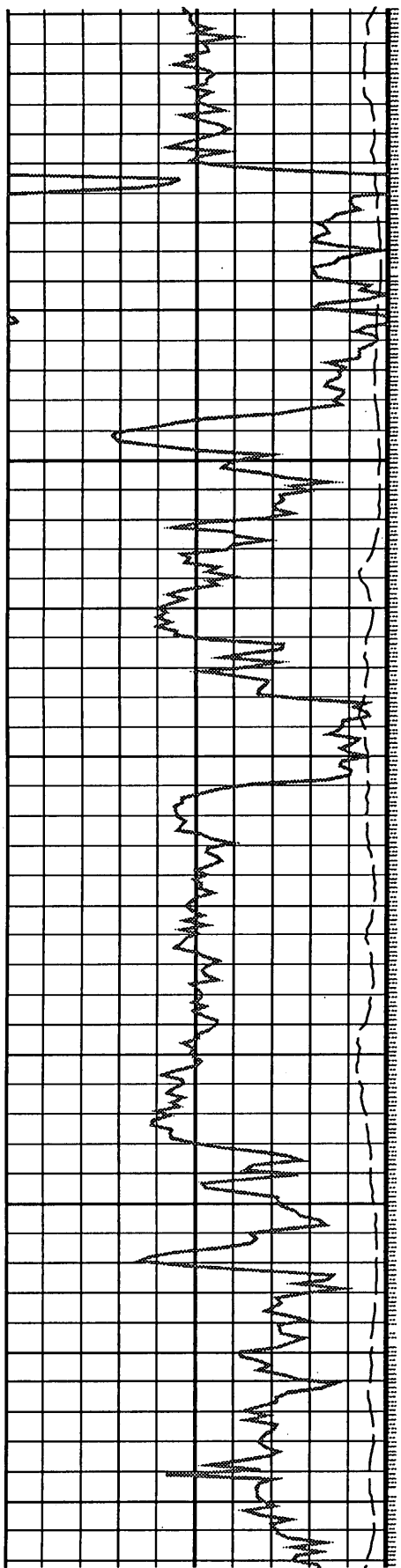




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2450





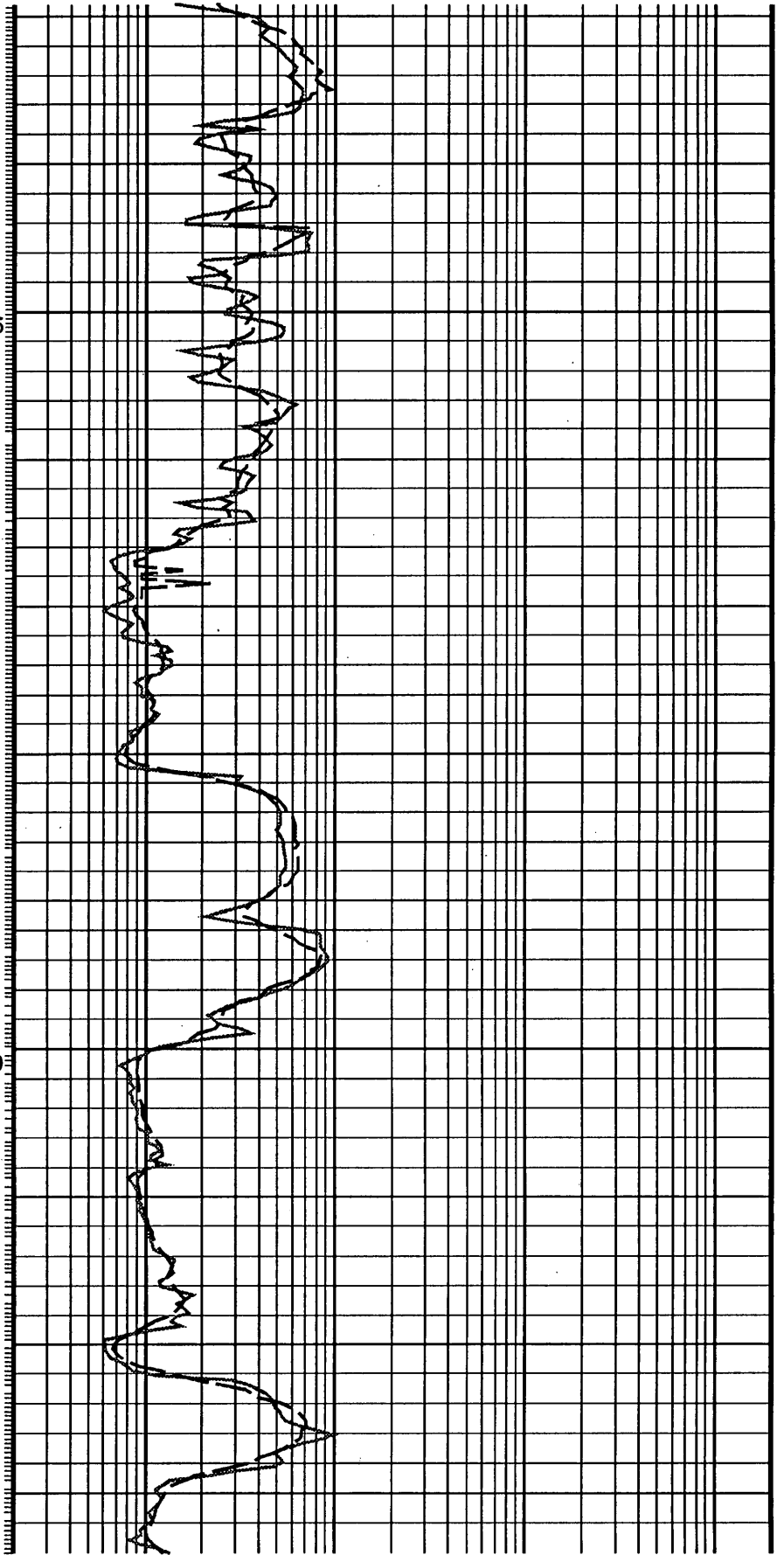


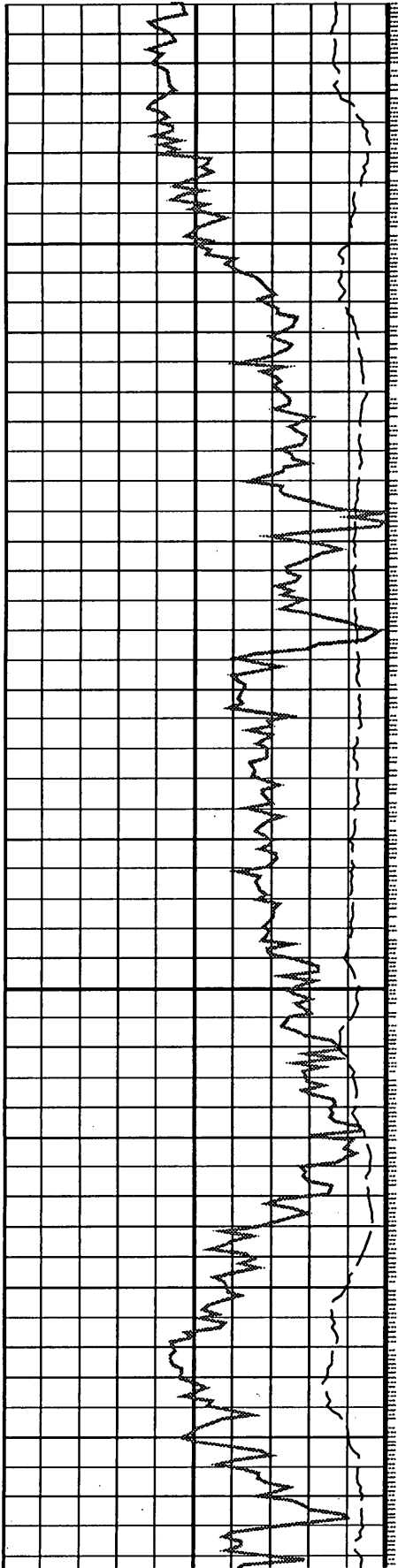




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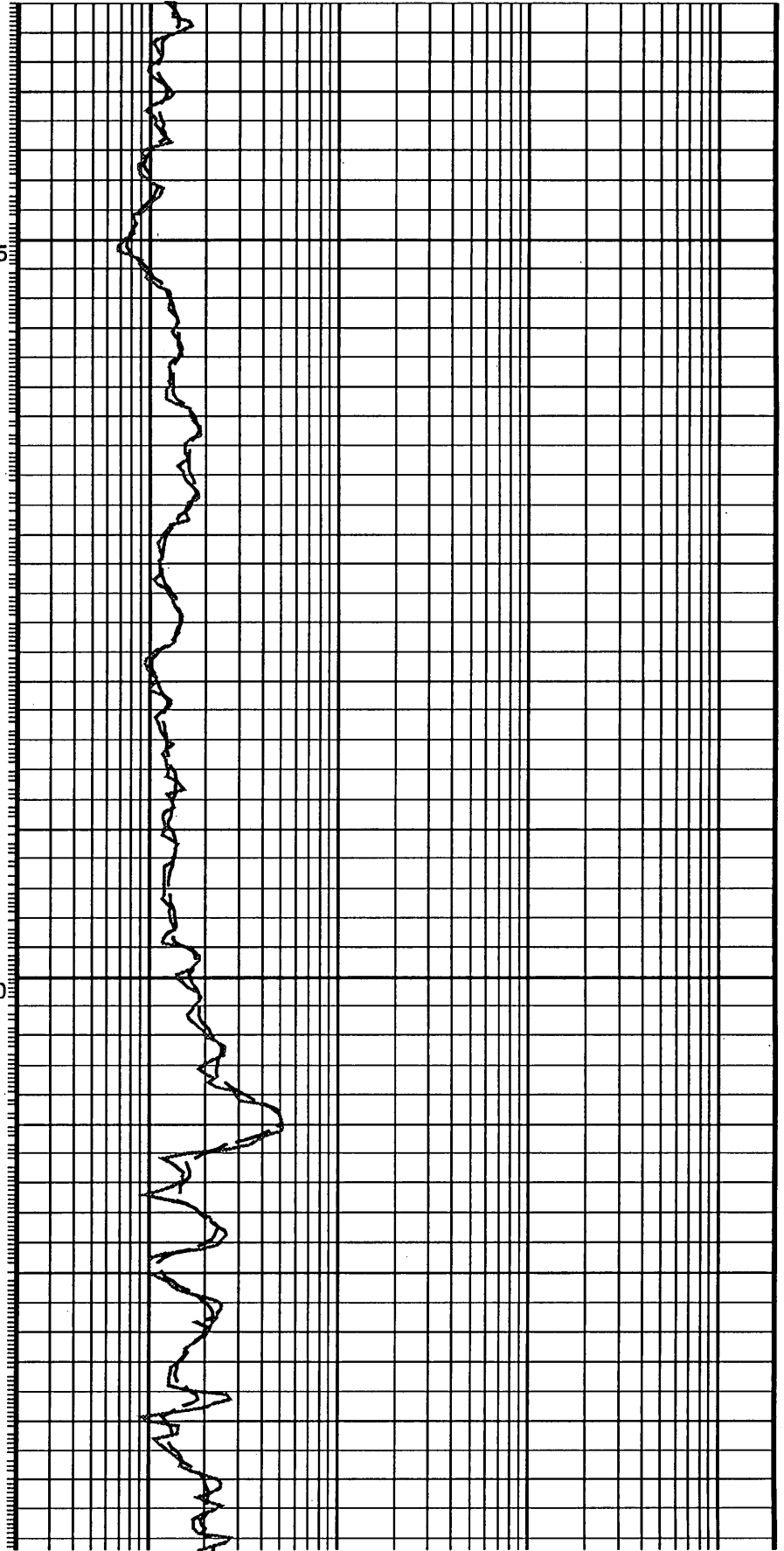
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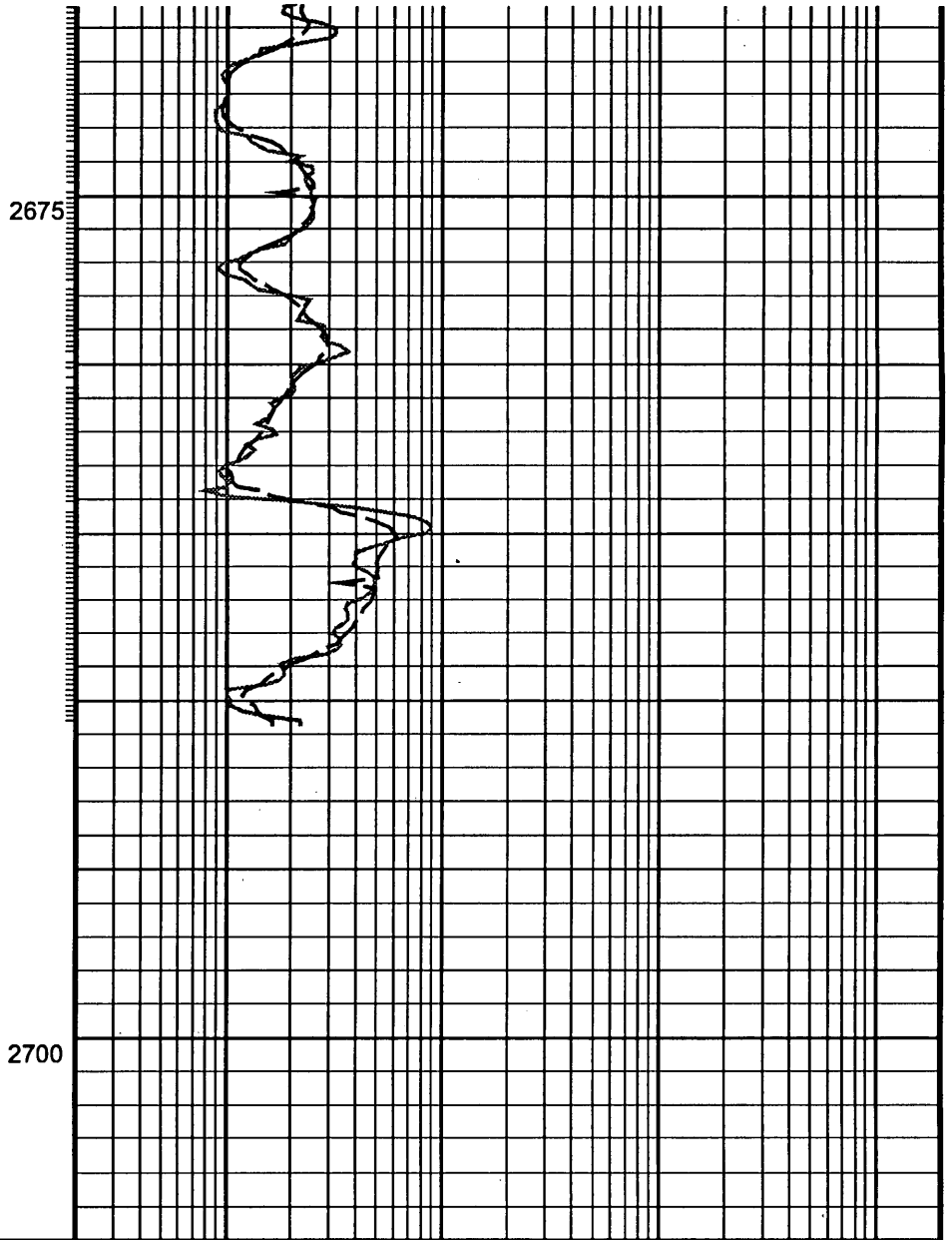
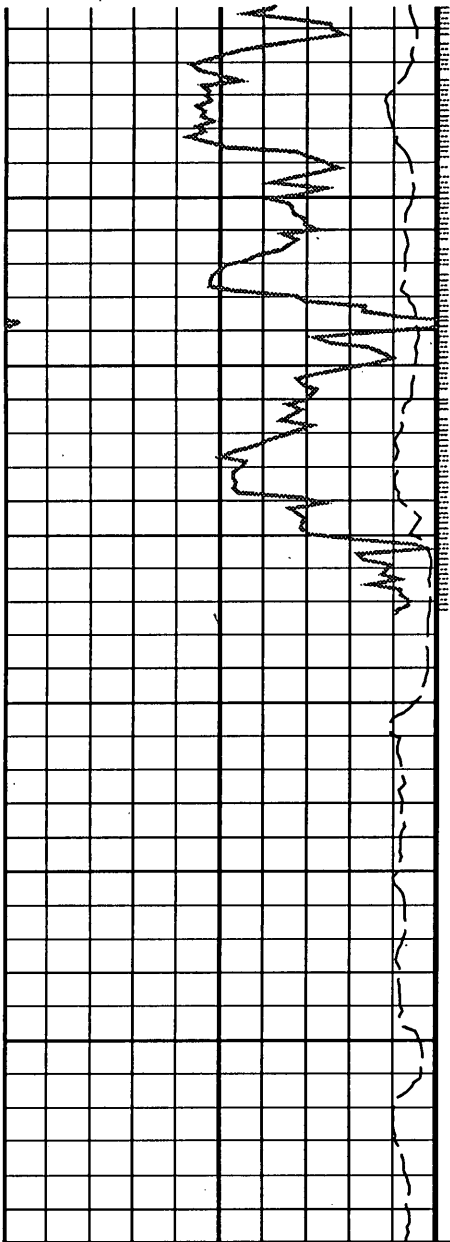




2625

2650





|                                      |        |     |
|--------------------------------------|--------|-----|
| ROP*5 (ROP5)                         |        |     |
| 200                                  | (M/HR) | 0   |
| CDR Gamma Ray, Real-Time (GR_CDR_RT) |        |     |
| 0                                    | (GAPI) | 200 |

|   |        |      |
|---|--------|------|
| PhaseShift Resistivity, Real-Time (PSR_RT)  |        |      |
| 0.2   | (OHMM) | 2000 |
| Attenuation Resistivity, Real-Time (ATR_RT) |        |      |
| 0.2   | (OHMM) | 2000 |

PIP SUMMARY

- └ GR(TX) PIP
- └ RPS\_TX PIP



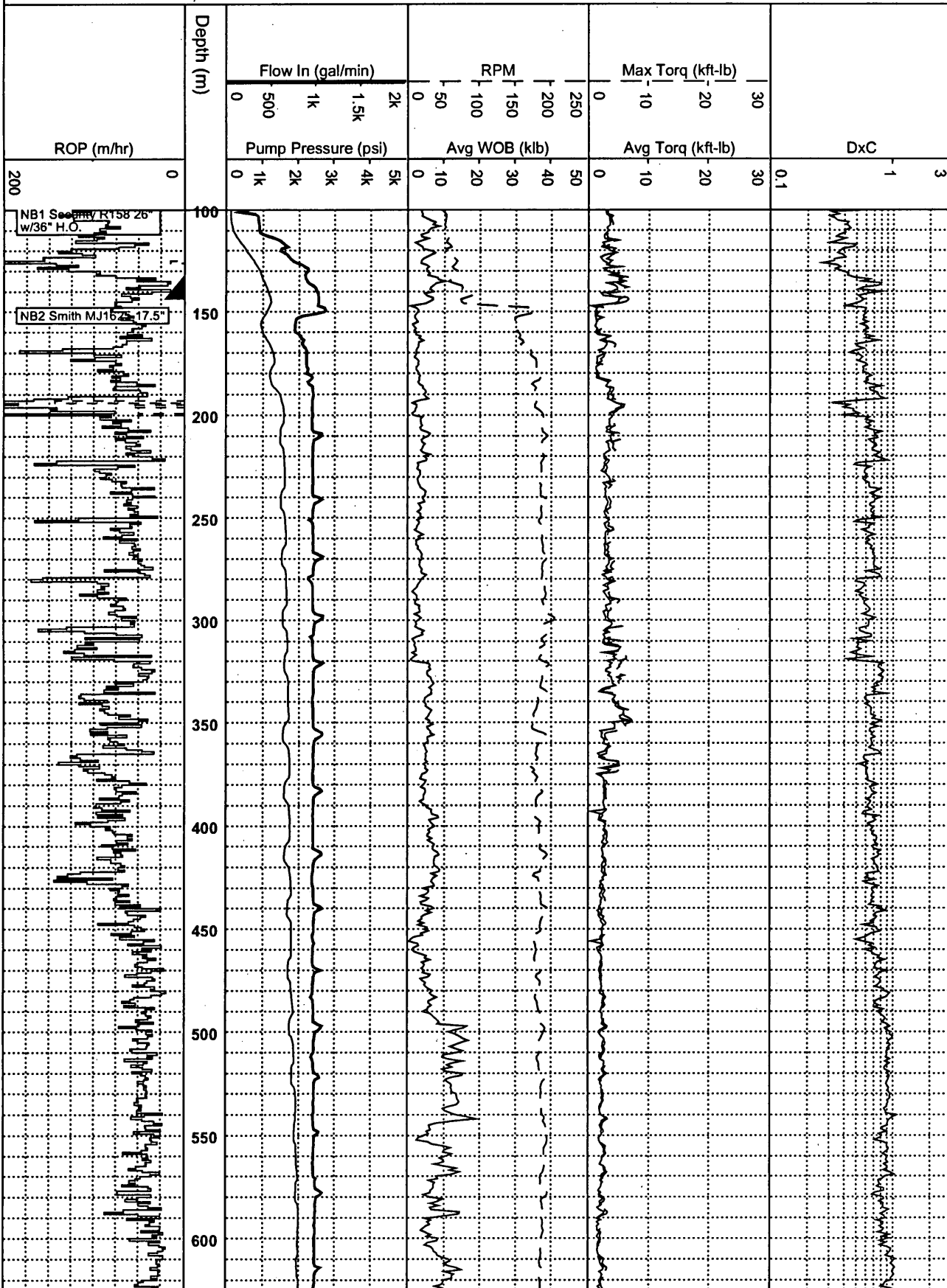
INTEQ

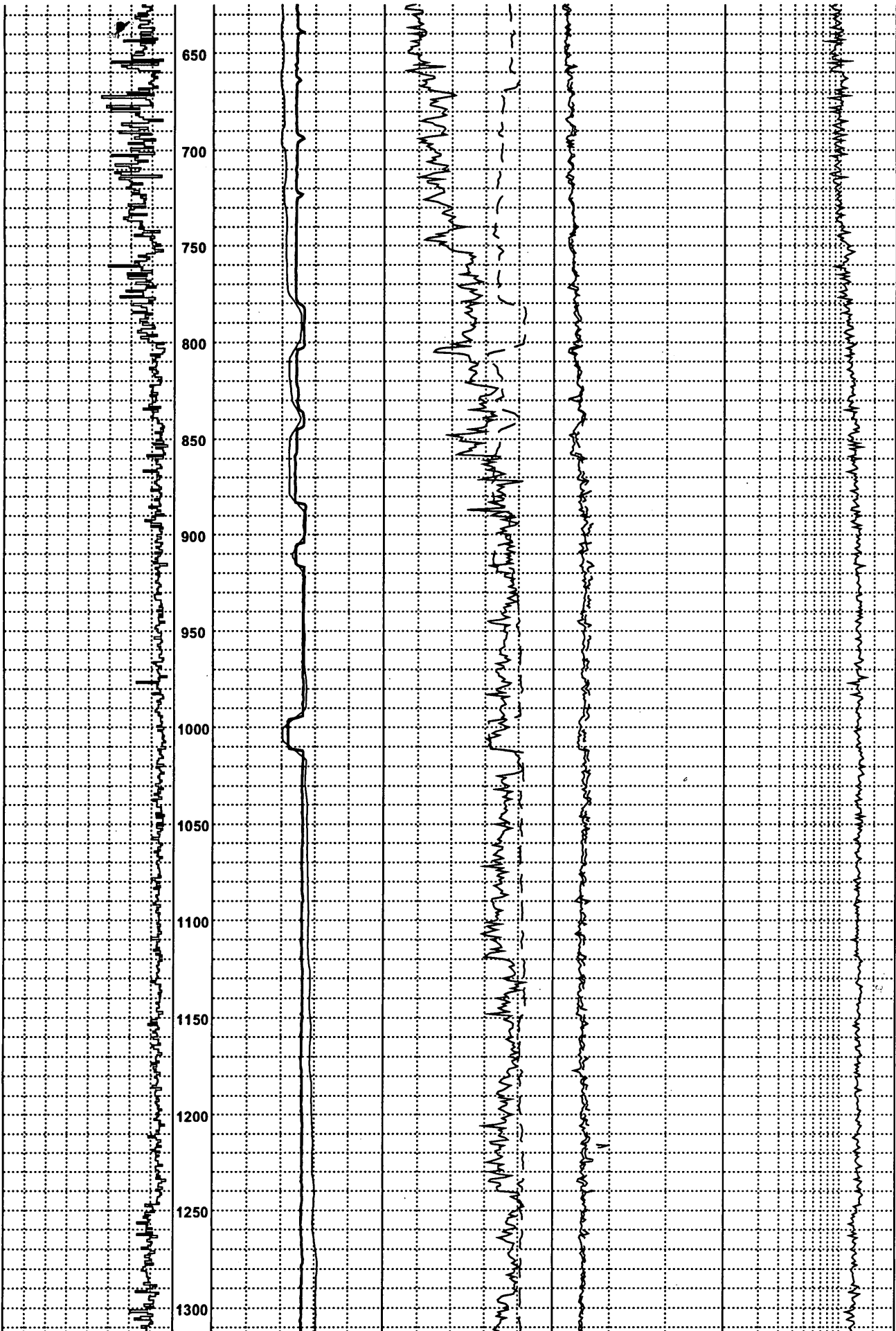
# DRILLING DATA PLOT

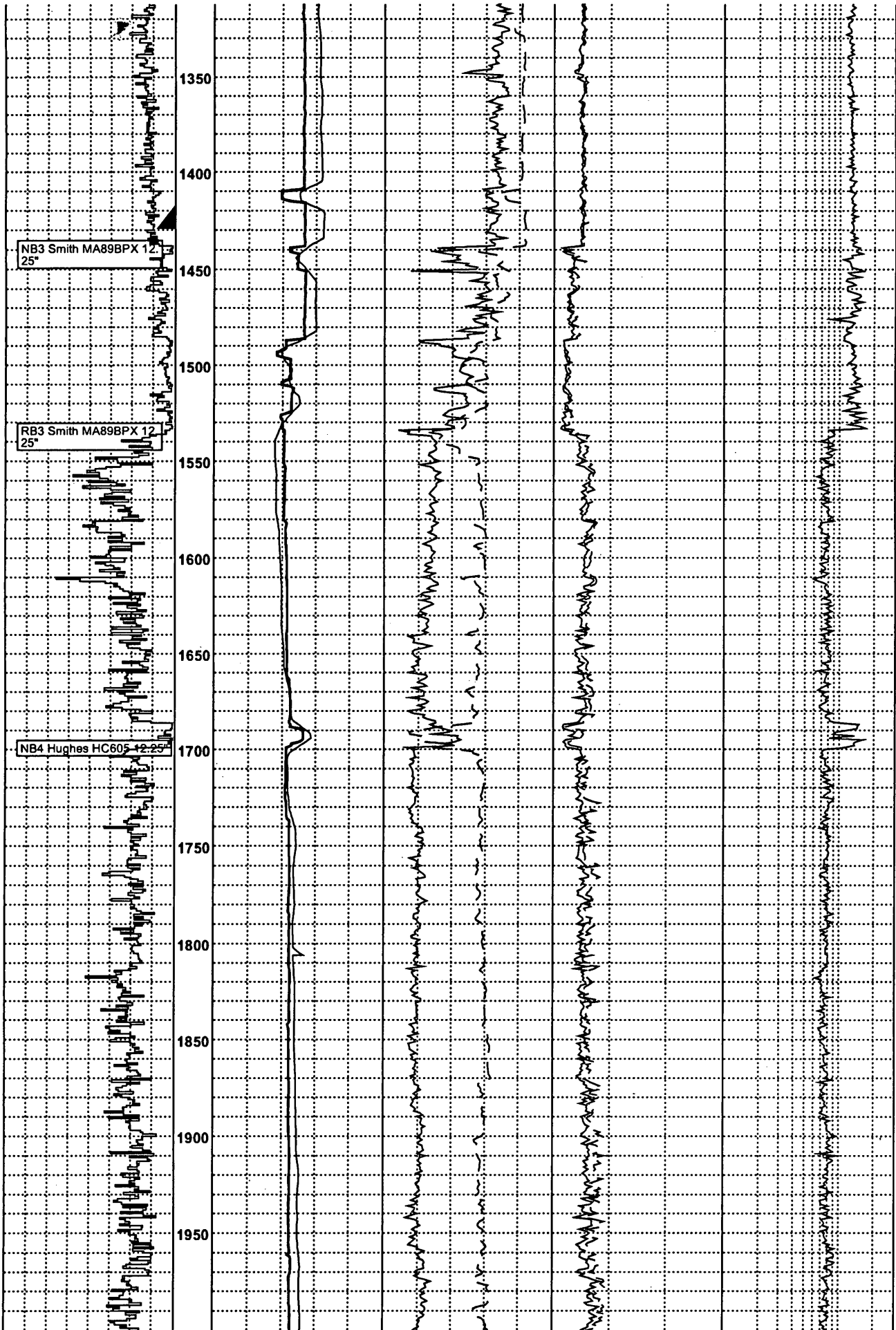
## Melville-1

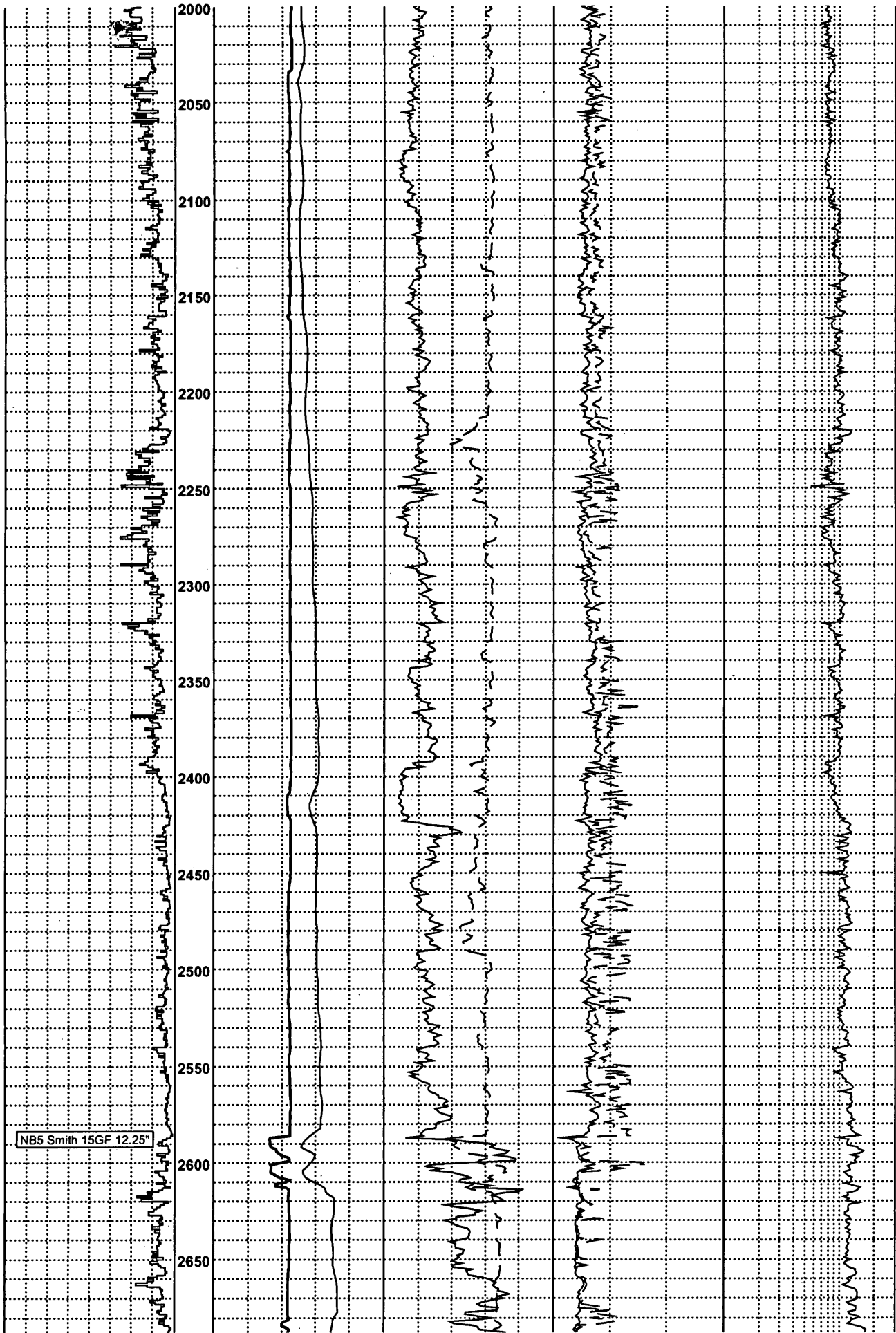
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BASS STRAIT

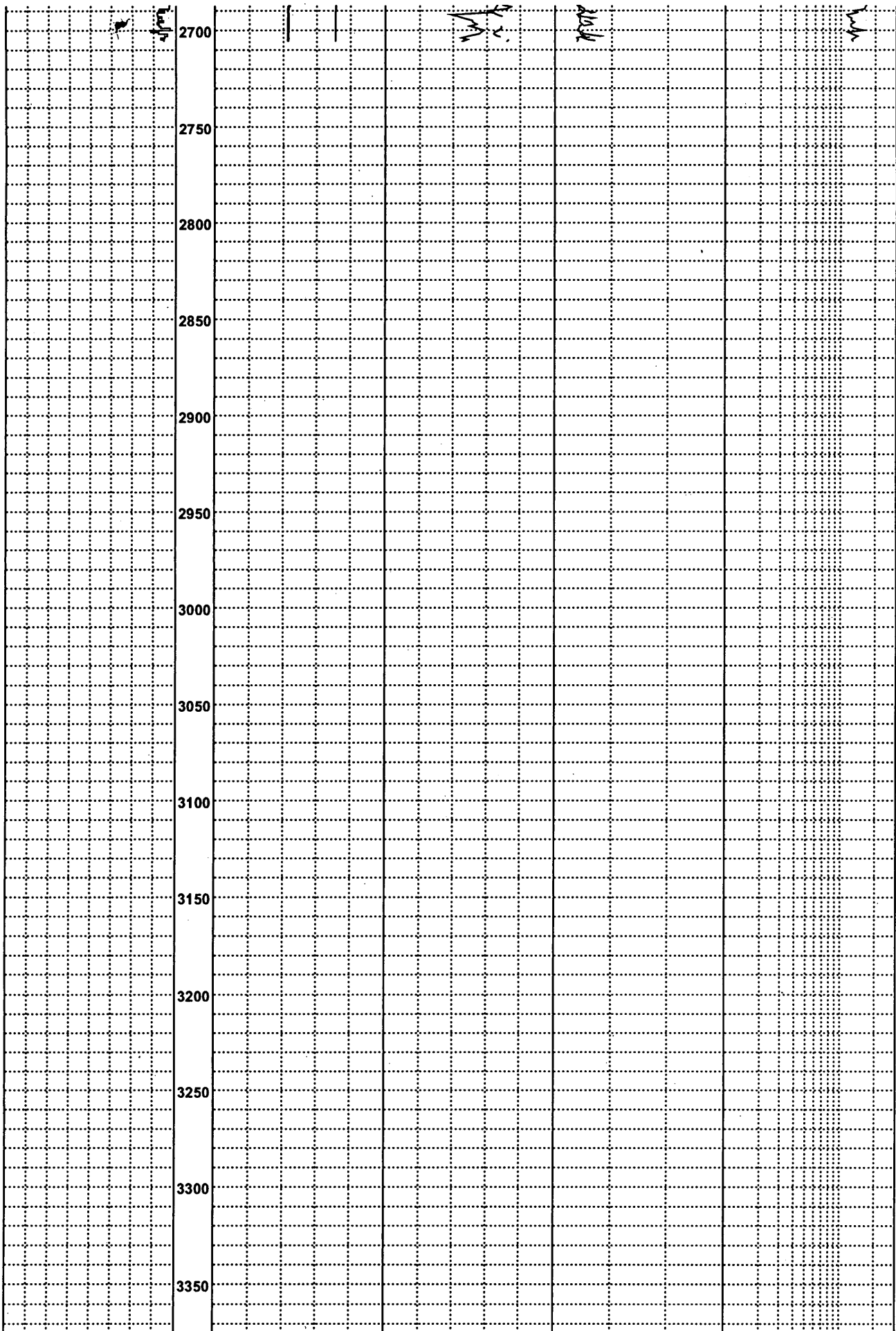














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| 2702.0520 | 18.68 | 19.97 | -999.25 | -999.25 | -999.25 |
| 2702.2044 | 32.35 | 20.47 | -999.25 | -999.25 | -999.25 |
| 2702.3568 | 23.53 | 20.05 | -999.25 | -999.25 | -999.25 |
| 2702.5092 | 20.17 | 20.58 | -999.25 | -999.25 | -999.25 |
| 2702.6616 | 18.87 | 19.82 | -999.25 | -999.25 | -999.25 |
| 2702.8140 | 15.65 | 19.20 | -999.25 | -999.25 | -999.25 |
| 2702.9664 | 15.16 | 19.54 | -999.25 | -999.25 | -999.25 |
| 2703.1188 | 11.90 | 18.27 | -999.25 | -999.25 | -999.25 |
| 2703.2712 | 10.47 | 16.10 | -999.25 | -999.25 | -999.25 |
| 2703.4236 | 12.79 | 16.30 | -999.25 | -999.25 | -999.25 |
| 2703.5760 | 16.09 | 15.67 | -999.25 | -999.25 | -999.25 |
| 2703.7284 | 22.12 | 15.58 | -999.25 | -999.25 | -999.25 |
| 2703.8808 | 21.16 | 15.44 | -999.25 | -999.25 | -999.25 |
| 2704.0332 | 11.05 | 13.82 | -999.25 | -999.25 | -999.25 |
| 2704.1856 | 9.26  | 13.20 | -999.25 | -999.25 | -999.25 |
| 2704.3380 | 9.58  | 12.43 | -999.25 | -999.25 | -999.25 |
| 2704.4904 | 11.11 | 12.41 | -999.25 | -999.25 | -999.25 |
| 2704.6428 | 17.11 | 13.27 | -999.25 | -999.25 | -999.25 |
| 2704.7952 | 19.56 | 13.94 | -999.25 | -999.25 | -999.25 |
| 2704.9476 | 16.34 | 13.90 | -999.25 | -999.25 | -999.25 |
| 2705.1000 | 10.40 | 12.74 | -999.25 | -999.25 | -999.25 |
| 2705.2524 | 10.59 | 12.22 | -999.25 | -999.25 | -999.25 |
| 2705.4048 | 16.89 | 12.36 | -999.25 | -999.25 | -999.25 |
| 2705.5572 | 21.31 | 13.68 | -999.25 | -999.25 | -999.25 |
| 2705.7096 | 11.26 | 12.97 | -999.25 | -999.25 | -999.25 |
| 2705.8620 | 10.42 | 14.00 | -999.25 | -999.25 | -999.25 |
| 2706.0144 | 18.78 | 14.34 | -999.25 | -999.25 | -999.25 |



- Melville-1\_mudlog\_1-500\_50-2706m.pdf

|           |         |         |         |         |         |
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| 2693.0604 | 20.89   | 16.69   | -999.25 | -999.25 | -999.25 |
| 2693.2128 | 16.69   | 16.69   | -999.25 | -999.25 | -999.25 |
| 2693.3652 | 17.67   | 17.02   | -999.25 | -999.25 | -999.25 |
| 2693.5176 | 16.61   | 16.06   | -999.25 | -999.25 | -999.25 |
| 2693.6700 | 11.11   | 14.74   | -999.25 | -999.25 | -999.25 |
| 2693.8224 | 14.54   | 16.43   | -999.25 | -999.25 | -999.25 |
| 2693.9748 | 21.91   | 17.12   | -999.25 | -999.25 | -999.25 |
| 2694.1272 | 19.04   | 17.20   | -999.25 | -999.25 | -999.25 |
| 2694.2796 | 18.65   | 17.02   | -999.25 | -999.25 | -999.25 |
| 2694.4320 | 24.31   | 17.70   | -999.25 | -999.25 | -999.25 |
| 2694.5844 | 18.24   | 16.63   | -999.25 | -999.25 | -999.25 |
| 2694.7368 | 15.47   | 17.40   | -999.25 | -999.25 | -999.25 |
| 2694.8892 | 23.17   | 17.41   | -999.25 | -999.25 | -999.25 |
| 2695.0416 | 24.11   | 18.62   | -999.25 | -999.25 | -999.25 |
| 2695.1940 | 22.33   | 20.66   | -999.25 | -999.25 | -999.25 |
| 2695.3464 | 19.23   | 19.86   | -999.25 | -999.25 | -999.25 |
| 2695.4988 | 12.35   | 18.03   | -999.25 | -999.25 | -999.25 |
| 2695.6512 | 9.64    | 16.50   | -999.25 | -999.25 | -999.25 |
| 2695.8036 | 9.93    | 15.41   | -999.2  |         |         |
| 5         | -999.25 | -999.25 |         |         |         |
| 2695.9560 | 12.46   | 14.62   | -999.25 | -999.25 | -999.25 |
| 2696.1084 | 15.70   | 15.00   | -999.25 | -999.25 | -999.25 |
| 2696.2608 | 16.07   | 14.72   | -999.25 | -999.25 | -999.25 |
| 2696.4132 | 19.88   | 14.69   | -999.25 | -999.25 | -999.25 |
| 2696.5656 | 20.84   | 14.44   | -999.25 | -999.25 | -999.25 |
| 2696.7180 | 18.31   | 14.27   | -999.25 | -999.25 | -999.25 |
| 2696.8704 | 20.81   | 14.61   | -999.25 | -999.25 | -999.25 |
| 2697.0228 | 24.63   | 16.13   | -999.25 | -999.25 | -999.25 |
| 2697.1752 | 16.15   | 16.64   | -999.25 | -999.25 | -999.25 |
| 2697.3276 | 14.36   | 17.93   | -999.25 | -999.25 | -999.25 |
| 2697.4800 | 21.10   | 18.69   | -999.25 | -999.25 | -999.25 |
| 2697.6324 | 21.09   | 19.04   | -999.25 | -999.25 | -999.25 |
| 2697.7848 | 13.96   | 18.05   | -999.25 | -999.25 | -999.25 |
| 2697.9372 | 12.95   | 17.27   | -999.25 | -999.25 | -999.25 |
| 2698.0896 | 17.01   | 17.37   | -999.25 | -999.25 | -999.25 |
| 2698.2420 | 24.75   | 18.16   | -999.25 | -999.25 | -999.25 |
| 2698.3944 | 21.47   | 17.46   | -999.25 | -999.25 | -999.25 |
| 2698.5468 | 20.26   | 17.60   | -999.25 | -999.25 | -999.25 |
| 2698.6992 | 15.87   | 17.40   | -999.25 | -999.25 | -999.25 |
| 2698.8516 | 13.06   | 17.19   | -999.25 | -999.25 | -999.25 |
| 2699.0040 | 20.09   | 17.25   | -999.25 | -999.25 | -999.25 |
| 2699.1564 | 14.78   | 16.07   | -999.25 | -999.25 | -999.25 |
| 2699.3088 | 15.19   | 17.60   | -999.25 | -999.25 | -999.25 |
| 2699.4612 | 20.57   | 17.69   | -999.25 | -999.25 | -999.25 |
| 2699.6136 | 11.36   | 15.96   | -999.25 | -999.25 | -999.25 |
| 2699.7660 | 3.73    | 9.80    | -999.25 | -999.25 | -999.25 |
| 2699.9184 | 3.43    | 8.95    | -999.25 | -999.25 | -999.25 |
| 2700.0708 | 4.88    | 7.51    | -999.25 | -999.25 | -999.25 |
| 2700.2232 | 4.72    | 7.07    | -999.25 | -999.25 | -999.25 |
| 2700.3756 | 7.78    | 6.97    | -999.25 | -999.25 | -999.25 |
| 2700.5280 | 14.31   | 6.87    | -999.25 | -999.25 | -999.25 |
| 2700.6804 | 21.53   | 7.18    | -999.25 | -999.25 | -999.25 |
| 2700.8328 | 23.04   | 7.09    | -999.25 | -999.25 | -999.25 |
| 2700.9852 | 19.62   | 7.16    | -999.25 | -999.25 | -999.25 |
| 2701.1376 | 19.94   | 7.50    | -999.25 | -999.25 | -999.25 |
| 2701.2900 | 21.52   | 10.48   | -999.25 | -999.25 | -999.25 |
| 2701.4424 | 16.02   | 11.43   | -999.25 | -999.25 | -999.25 |
| 2701.5948 | 14.13   | 14.57   | -999.25 | -999.25 | -999.25 |
| 2701.7472 | 24.49   | 18.75   | -999.25 | -999.25 | -999.25 |

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| 2684.0688 | 10.22   | 16.61   | 147.14  | 2.17    | 2.11    |
| 2684.2212 | 5.81    | 13.15   | 132.02  | 3.04    | -999.25 |
| 2684.3736 | 4.12    | 10.05   | 135.51  | 3.37    | 5.47    |
| 2684.5260 | 3.29    | 7.93    | 138.42  | 4.12    | 7.22    |
| 2684.6784 | -999.25 | -999.25 | 137.25  | 4.95    | 8.44    |
| 2684.8308 | -999.25 | -999.25 | 136.67  | 5.63    | 8.80    |
| 2684.9832 | 12.62   | 12.62   | 141.32  | -999.25 | 8.44    |
| 2685.1356 | 7.90    | 7.90    | 161.67  | 6.11    | 6.47    |
| 2685.2880 | 5.54    | 5.54    | 189.58  | 5.63    | 5.47    |
| 2685.4404 | 4.80    | 4.80    | 195.40  | -999.25 | 4.69    |
| 2685.5928 | 4.01    | 4.01    | 163.22  | 5.22    | 3.96    |
| 2685.7452 | 3.26    | 3.26    | 165.16  | 5.03    | 3.96    |
| 2685.8976 | 3.04    | 3.04    | 177.95  | 4.95    | 3.85    |
| 2686.0500 | 3.42    | 3.42    | 176.21  | 5.03    | 4.07    |
| 2686.2024 | 3.49    | 3.49    | 174.46  | 4.95    | 4.49    |
| 2686.3548 | 4.30    | 4.29    | 181.83  | 5.03    | 4.83    |
| 2686.5072 | 4.33    | 3.92    | 168.65  | 3.28    | 4.83    |
| 2686.6596 | 4.20    | 3.91    | 182.61  | 4.86    | 4.76    |
| 2686.8120 | 4.45    | 3.79    | 182.61  | -999.25 | 4.55    |
| 2686.9644 | 3.73    | 3.74    | 186.68  | 4.69    | 4.18    |
| 2687.1168 | 5.00    | 3.93    | 186.68  | 4.54    | 3.65    |
| 2687.2692 | 5.82    | 4.16    | 181.05  | 4.25    | 3.53    |
| 2687.4216 | 5.73    | 4.48    | -999.25 | 4.19    | 3.65    |
| 2687.5740 | 5.89    | 4.63    | -999.25 | 4.08    | 3.65    |
| 2687.7264 | 4.61    | 4.77    | -999.25 | 3.88    | 3.47    |
| 2687.8788 | 4.34    | 4.64    | -999.25 | 3.77    | 3.18    |
| 2688.0312 | 4.67    | 4.85    | -999.25 | 3.56    | 3.07    |
| 2688.1836 | 4.03    | 4.60    | -999.25 | 3.37    | 3.30    |
| 2688.3360 | 5.60    | 5.08    | -999.25 | 3.19    | 3.39    |
| 2688.4884 | 5.02    | 4.90    | -999.25 | 2.76    | 3.22    |
| 2688.6408 | 3.79    | 4.77    | -999.25 | -999.25 | 2.86    |
| 2688.7932 | 5.03    | 4.78    | -999.25 | 2.29    | 2.07    |
| 2688.9456 | 5.36    | 4.72    | -999.25 | 1.96    | 1.75    |
| 2689.0980 | 8.09    | 5.00    | -999.25 | 1.80    | 1.83    |
| 2689.2504 | 13.87   | 5.46    | -999.25 | 1.60    | 1.83    |
| 2689.4028 | 17.88   | 6.05    | -999.25 | 1.51    | 1.74    |
| 2689.5552 | 19.03   | 6.64    | -999.25 | 1.43    | 1.51    |
| 2689.7076 | 18.23   | 7.90    | -999.25 | 1.23    | 0.99    |
| 2689.8600 | 24.98   | 8.13    | -999.25 | 1.17    | 0.99    |
| 2690.0124 | 23.08   | 10.49   | -999.25 | 1.22    | 1.04    |
| 2690.1648 | 20.07   | 12.47   | -999.25 | 1.34    | 1.04    |
| 2690.3172 | 29.06   | 16.02   | -999.25 | 1.39    | 1.17    |
| 2690.4696 | 31.04   | 20.27   | -999.25 | 1.44    | 1.50    |
| 2690.6220 | 27.12   | 22.18   | -999.25 | 1.62    | 2.19    |
| 2690.7744 | 17.06   | 21.44   | -999.25 | -999.25 | -999.25 |
| 2690.9268 | 17.54   | 22.08   | -999.25 | -999.25 | -999.25 |
| 2691.0792 | 9.61    | 17.56   | -999.25 | -999.25 | -999.25 |
| 2691.2316 | 10.15   | 18.51   | -999.25 | -999.25 | -999.25 |
| 2691.3840 | 49.10   | 18.86   | -999.25 | -999.25 | -999.25 |
| 2691.5364 | 25.94   | 18.84   | -999.25 | -999.25 | -999.25 |
| 2691.6888 | 15.13   | 17.77   | -999.25 | -999.25 | -999.25 |
| 2691.8412 | 16.00   | 17.04   | -999.25 | -999.25 | -999.25 |
| 2691.9936 | 20.58   | 16.79   | -999.25 | -999.25 | -999.25 |
| 2692.1460 | 22.43   | 16.60   | -999.25 | -999.25 | -999.25 |
| 2692.2984 | 13.21   | 15.88   | -999.25 | -999.25 | -999.25 |
| 2692.4508 | 10.79   | 14.84   | -999.25 | -999.25 | -999.25 |
| 2692.6032 | 15.11   | 18.06   | -999.25 | -999.25 | -999.25 |
| 2692.7556 | 19.24   | 17.22   | -999.25 | -999.25 | -999.25 |
| 2692.9080 | 20.30   | 16.35   | -999.25 | -999.25 | -999.25 |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2675.0772 | 16.06 | 11.96 | 122.14  | 2.57    | 2.40    |
| 2675.2296 | 11.93 | 12.25 | 131.44  | 2.52    | 2.51    |
| 2675.3820 | 15.83 | 13.62 | 132.60  | 2.50    | 2.43    |
| 2675.5344 | 20.12 | 14.98 | 133.76  | -999.25 | 2.51    |
| 2675.6868 | 14.63 | 14.94 | 138.42  | 2.38    | 2.48    |
| 2675.8392 | 16.36 | 15.56 | 138.42  | 2.26    | 2.40    |
| 2675.9916 | 19.18 | 15.95 | 144.23  | 2.13    | 2.21    |
| 2676.1440 | 12.14 | 14.78 | 128.53  | 2.05    | 2.05    |
| 2676.2964 | 8.71  | 13.86 | 134.93  | -999.25 | 1.93    |
| 2676.4488 | 11.51 | 13.74 | -999.25 | 1.62    | 1.88    |
| 2676.6012 | 18.83 | 14.22 | 127.37  | 1.41    | 1.44    |
| 2676.7536 | 21.88 | 15.35 | 116.32  | 1.27    | 1.25    |
| 2676.9060 | 29.16 | 15.49 | 111.67  | 1.20    | 1.13    |
| 2677.0584 | 15.80 | 14.73 | 102.37  | 1.14    | 0.94    |
| 2677.2108 | 13.14 | 15.13 | -999.25 | 1.14    | 0.91    |
| 2677.3632 | 21.22 | 15.37 | 95.97   | 1.23    | 0.97    |
| 2677.5156 | 20.84 | 15.32 | 95.39   | 1.33    | 1.19    |
| 2677.6680 | 18.25 | 16.79 | 94.81   | 1.50    | -999.25 |
| 2677.8204 | 12.43 | 17.13 | 105.86  | 1.62    | 1.38    |
| 2677.9728 | 6.55  | 13.75 | 134.93  | 1.82    | 1.93    |
| 2678.1252 | 6.98  | 13.09 | 138.42  | -999.25 | 2.40    |
| 2678.2776 | 7.86  | 11.23 | 166.32  | 2.13    | 2.31    |
| 2678.4300 | 7.35  | 10.34 | 165.74  | 2.22    | 2.26    |
| 2678.5824 | 9.21  | 10.20 | 182.61  | -999.25 | 2.17    |
| 2678.7348 | 12.11 | 10.20 | 207.03  | 2.43    | 2.11    |
| 2678.8872 | 16.05 | 9.89  | 201.21  | 2.60    | 2.80    |
| 2679.0396 | 9.38  | 9.11  | 172.14  | 2.79    | 2.83    |
| 2679.1920 | 9.00  | 8.90  | 143.07  | 2.89    | 2.74    |
| 2679.3444 | 15.85 | 9.41  | 150.04  | -999.25 | 2.86    |
| 2679.4968 | 14.25 | 10.43 | 167.10  | 2.93    | 3.34    |
| 2679.6492 | 6.99  | 9.41  | 174.21  | 2.89    | 3.65    |
| 2679.8016 | 6.44  | 9.85  | 179.12  | 2.69    | -999.25 |
| 2679.9540 | 12.16 | 10.47 | 170.05  | 2.63    | 2.71    |
| 2680.1064 | 16.24 | 10.85 | 155.86  | 2.41    | 2.17    |
| 2680.2588 | 17.14 | 11.03 | 143.07  | 2.22    | -999.25 |
| 2680.4112 | 18.59 | 11.06 | 134.93  | 2.13    | 1.98    |
| 2680.5636 | 13.63 | 11.90 | 137.25  | 2.01    | -999.25 |
| 2680.7160 | 13.07 | 11.98 | 143.65  | 1.94    | 2.05    |
| 2680.8684 | 16.62 | 11.99 | -999.25 | 1.90    | 2.03    |
| 2681.0208 | 18.16 | 12.43 | 139.58  | 1.78    | 1.73    |
| 2681.1732 | 16.16 | 14.88 | 130.28  | 1.74    | 1.59    |
| 2681.3256 | 16.60 | 16.28 | 137.25  | 1.65    | 1.64    |
| 2681.4780 | 18.19 | 16.19 | -999.25 | 1.60    | 1.59    |
| 2681.6304 | 21.08 | 17.06 | 127.95  | -999.25 | 1.51    |
| 2681.7828 | 17.38 | 16.24 | 141.90  | 1.53    | 1.37    |
| 2681.9352 | 18.32 | 17.02 | 134.93  | 1.47    | 1.62    |
| 2682.0876 | 30.29 | 18.69 | 127.95  | 1.43    | 1.67    |
| 2682.2400 | 29.23 | 19.88 | 120.97  | 1.36    | 1.35    |
| 2682.3924 | 18.60 | 19.15 | 115.16  | 1.25    | 1.23    |
| 2682.5448 | 13.69 | 18.55 | 105.86  | 1.18    | 1.33    |
| 2682.6972 | 16.17 | 19.15 | 99.46   | 1.14    | 1.25    |
| 2682.8496 | 21.62 | 19.57 | 111.67  | 1.12    | 1.15    |
| 2683.0020 | 18.74 | 19.27 | 109.34  | 1.08    | 0.99    |
| 2683.1544 | 17.83 | 18.93 | 105.86  | 1.03    | 0.92    |
| 2683.3068 | 20.69 | 19.97 | 105.27  | 1.05    | 0.93    |
| 2683.4592 | 23.75 | 19.86 | 107.02  | 1.06    | 1.03    |
| 2683.6116 | 25.45 | 19.48 | 105.86  | 1.11    | 0.99    |
| 2683.7640 | 17.00 | 18.09 | 108.18  | 1.45    | 0.80    |
| 2683.9164 | 14.92 | 18.53 | 137.64  | 1.62    | 0.98    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2666.0856 | 22.72 | 14.92 | 124.07  | 1.43    | 1.29    |
| 2666.2380 | 16.53 | 14.80 | 133.76  | 1.47    | -999.25 |
| 2666.3904 | 18.33 | 15.09 | 133.38  | 1.50    | 1.50    |
| 2666.5428 | 22.34 | 14.72 | 137.02  | 1.65    | 1.46    |
| 2666.6952 | 11.82 | 13.29 | 149.08  | 1.80    | 1.64    |
| 2666.8476 | 13.21 | 13.71 | 141.67  | 1.90    | -999.25 |
| 2667.0000 | 9.32  | 11.80 | 133.18  | 1.97    | 2.31    |
| 2667.1524 | 7.42  | 13.35 | 150.92  | 1.99    | 2.40    |
| 2667.3048 | 10.09 | 12.83 | 156.56  | 2.03    | 2.39    |
| 2667.4572 | 13.07 | 12.75 | 160.51  | 2.08    | 2.14    |
| 2667.6096 | 23.35 | 12.87 | 177.37  | 2.06    | 1.81    |
| 2667.7620 | 14.49 | 12.47 | 179.50  | 2.04    | 2.03    |
| 2667.9144 | 16.23 | 12.64 | 158.57  | -999.25 | 2.40    |
| 2668.0668 | 16.80 | 12.03 | 137.72  | 2.05    | 2.19    |
| 2668.2192 | 17.27 | 13.56 | 119.81  | 2.01    | 1.90    |
| 2668.3716 | 28.59 | 13.34 | 115.16  | 1.88    | 1.71    |
| 2668.5240 | 26.72 | 16.73 | 124.46  | 1.91    | 1.73    |
| 2668.6764 | 16.84 | 16.70 | 124.00  | 2.00    | 1.73    |
| 2668.8288 | 9.56  | 16.43 | 116.71  | 1.93    | 1.81    |
| 2668.9812 | 6.93  | 13.61 | 134.93  | 2.11    | 2.74    |
| 2669.1336 | 7.29  | 12.54 | 157.02  | 2.15    | 2.60    |
| 2669.2860 | 13.10 | 13.35 | 125.62  | 2.21    | 2.07    |
| 2669.4384 | 25.30 | 13.28 | 123.30  | 2.19    | 1.80    |
| 2669.5908 | 14.29 | 12.99 | 111.67  | 2.18    | 1.79    |
| 2669.7432 | 9.23  | 11.71 | 131.44  | 2.26    | 2.06    |
| 2669.8956 | 10.71 | 11.27 | 150.04  | 2.37    | 2.73    |
| 2670.0480 | 9.60  | 10.13 | 151.21  | 2.32    | 3.15    |
| 2670.2004 | 8.47  | 9.96  | 155.86  | 2.21    | 3.16    |
| 2670.3528 | 9.74  | 10.17 | -999.25 | 2.01    | 2.91    |
| 2670.5052 | 11.04 | 11.15 | 123.88  | 1.81    | 2.12    |
| 2670.6576 | 14.71 | 11.83 | 109.34  | 1.65    | 1.44    |
| 2670.8100 | 29.12 | 12.30 | 100.04  | 1.42    | 1.38    |
| 2670.9624 | 23.33 | 11.74 | 92.68   | 1.28    | 1.23    |
| 2671.1148 | 18.78 | 12.83 | 86.09   | 1.16    | 1.06    |
| 2671.2672 | 24.58 | 13.96 | 89.57   | 1.08    | 0.98    |
| 2671.4196 | 23.43 | 14.75 | -999.25 | 1.02    | 0.93    |
| 2671.5720 | 28.69 | 17.30 | 108.57  | 1.01    | 0.95    |
| 2671.7244 | 33.87 | 19.97 | 90.74   | 1.01    | 0.99    |
| 2671.8768 | 20.74 | 21.31 | 94.23   | 1.01    | 1.01    |
| 2672.0292 | 18.87 | 23.50 | 93.06   | 1.00    | 1.00    |
| 2672.1816 | 26.52 | 24.47 | 95.39   | 0.97    | 0.97    |
| 2672.3340 | 27.41 | 23.26 | 88.41   | 0.95    | 0.93    |
| 2672.4864 | 18.45 | 23.18 | 91.90   | 0.94    | 0.87    |
| 2672.6388 | 17.05 | 22.69 | 90.74   | 0.95    | 0.87    |
| 2672.7912 | 18.77 | 21.91 | 96.55   | -999.25 | 0.88    |
| 2672.9436 | 17.10 | 21.18 | 88.41   | 1.06    | 0.89    |
| 2673.0960 | 21.94 | 20.92 | 91.90   | -999.25 | 0.93    |
| 2673.2484 | 19.06 | 19.30 | 84.92   | 1.29    | 1.23    |
| 2673.4008 | 15.62 | 19.62 | 94.23   | 1.57    | 1.27    |
| 2673.5532 | 12.03 | 17.29 | 102.95  | 1.74    | -999.25 |
| 2673.7056 | 9.31  | 15.41 | 134.93  | -999.25 | 1.56    |
| 2673.8580 | 8.76  | 13.63 | 141.32  | 1.90    | 2.17    |
| 2674.0104 | 8.06  | 12.68 | -999.25 | 2.13    | 1.97    |
| 2674.1628 | 9.92  | 12.23 | 154.11  | 2.17    | 2.46    |
| 2674.3152 | 13.60 | 12.06 | -999.25 | 2.26    | 2.49    |
| 2674.4676 | 13.64 | 11.80 | 132.60  | -999.25 | 2.31    |
| 2674.6200 | 15.32 | 11.51 | 123.30  | 2.46    | 2.31    |
| 2674.7724 | 14.80 | 11.39 | 147.72  | 2.52    | -999.25 |
| 2674.9248 | 16.31 | 11.59 | 138.42  | 1.69    | 2.43    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2657.0940 | 7.41  | 9.70  | 144.23  | 1.47    | 1.36    |
| 2657.2464 | 7.10  | 9.36  | 137.25  | 1.46    | 1.15    |
| 2657.3988 | 6.35  | 8.22  | 151.21  | 1.45    | 0.94    |
| 2657.5512 | 7.21  | 8.10  | 158.18  | 1.39    | 1.24    |
| 2657.7036 | 10.21 | 7.94  | 150.43  | 1.55    | 1.59    |
| 2657.8560 | 9.84  | 7.54  | 142.20  | 1.74    | 1.73    |
| 2658.0084 | 11.61 | 7.89  | 133.18  | 1.82    | 1.86    |
| 2658.1608 | 13.74 | 8.49  | 114.77  | 1.97    | 2.09    |
| 2658.3132 | 17.07 | 9.34  | 129.11  | 2.17    | 2.13    |
| 2658.4656 | 20.66 | 9.95  | 119.81  | 2.31    | 2.31    |
| 2658.6180 | 17.64 | 10.94 | 115.16  | 2.26    | 2.51    |
| 2658.7704 | 14.95 | 11.67 | 108.18  | 2.22    | 2.56    |
| 2658.9228 | 11.68 | 12.99 | 126.40  | 2.13    | 2.40    |
| 2659.0752 | 13.93 | 13.83 | 130.28  | 1.90    | 2.31    |
| 2659.2276 | 23.63 | 15.18 | 123.88  | 1.68    | 1.90    |
| 2659.3800 | 29.00 | 16.99 | 132.60  | 1.33    | 1.21    |
| 2659.5324 | 26.65 | 17.81 | 120.74  | 1.18    | 1.00    |
| 2659.6848 | 34.12 | 19.93 | 109.93  | 1.11    | 0.99    |
| 2659.8372 | 28.56 | 19.44 | 115.16  | 1.12    | -999.25 |
| 2659.9896 | 28.38 | 21.03 | -999.25 | 1.17    | 0.99    |
| 2660.1420 | 41.96 | 22.30 | 116.90  | 1.22    | -999.25 |
| 2660.2944 | 27.53 | 24.14 | 123.30  | 1.34    | 1.24    |
| 2660.4468 | 24.19 | 27.78 | 114.58  | 1.43    | 1.31    |
| 2660.5992 | 27.44 | 29.11 | 107.02  | 1.60    | 1.44    |
| 2660.7516 | 29.85 | 29.21 | 104.11  | 1.77    | 1.73    |
| 2660.9040 | 27.78 | 28.85 | 111.67  | 1.90    | 2.17    |
| 2661.0564 | 27.23 | 29.34 | 102.37  | 2.01    | 2.40    |
| 2661.2088 | 24.51 | 27.06 | 115.16  | 2.11    | 2.40    |
| 2661.3612 | 23.87 | 28.20 | 112.83  | 2.17    | 2.31    |
| 2661.5136 | 27.91 | 26.97 | 95.39   | 2.17    | 2.27    |
| 2661.6660 | 24.07 | 25.64 | 98.88   | 1.78    | 2.16    |
| 2661.8184 | 23.40 | 26.07 | 87.25   | 2.01    | 2.09    |
| 2661.9708 | 36.36 | 27.60 | -999.25 | -999.25 | 2.05    |
| 2662.1232 | 43.76 | 28.06 | 89.57   | 1.92    | 1.99    |
| 2662.2756 | 37.60 | 28.69 | 87.25   | 1.75    | 1.79    |
| 2662.4280 | 29.36 | 28.37 | 87.25   | 1.68    | 1.64    |
| 2662.5804 | 28.14 | 28.89 | 88.41   | 1.64    | 1.55    |
| 2662.7328 | 38.44 | 30.96 | 93.06   | 1.57    | 1.54    |
| 2662.8852 | 32.20 | 30.82 | 93.06   | 1.51    | 1.51    |
| 2663.0376 | 30.03 | 31.45 | 91.90   | 1.41    | 1.41    |
| 2663.1900 | 35.82 | 33.65 | 100.04  | 1.41    | 1.30    |
| 2663.3424 | 28.23 | 32.97 | 105.86  | 1.39    | -999.25 |
| 2663.4948 | 27.21 | 31.67 | 100.04  | 1.39    | 1.28    |
| 2663.6472 | 31.20 | 31.08 | 94.23   | 1.41    | 1.27    |
| 2663.7996 | 26.53 | 29.59 | 108.76  | 1.55    | 1.26    |
| 2663.9520 | 29.26 | 31.06 | 106.63  | 1.62    | 1.59    |
| 2664.1044 | 23.43 | 28.39 | 119.23  | 1.77    | 2.59    |
| 2664.2568 | 14.74 | 24.65 | 129.11  | 1.80    | 2.68    |
| 2664.4092 | 13.85 | 23.01 | 114.29  | 1.68    | 2.26    |
| 2664.5616 | 17.39 | 22.03 | -999.25 | 1.44    | 2.01    |
| 2664.7140 | 18.55 | 20.56 | 101.79  | -999.25 | 1.37    |
| 2664.8664 | 17.18 | 20.02 | 98.88   | 1.18    | 0.92    |
| 2665.0188 | 23.30 | 20.05 | 93.06   | 1.23    | 1.01    |
| 2665.1712 | 25.13 | 19.41 | 101.49  | 1.29    | 1.44    |
| 2665.3236 | 19.66 | 19.04 | 116.82  | 1.31    | -999.25 |
| 2665.4760 | 16.69 | 17.65 | 134.00  | 1.33    | 1.40    |
| 2665.6284 | 8.02  | 14.51 | 139.41  | 1.29    | 1.06    |
| 2665.7808 | 7.51  | 14.34 | 121.55  | 1.27    | 1.13    |
| 2665.9332 | 16.98 | 15.09 | 111.90  | 1.33    | 1.21    |



|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2648.1024 | 20.54 | 18.44 | 138.42  | 1.37    | 1.29    |
| 2648.2548 | 18.08 | 19.35 | -999.25 | 1.39    | -999.25 |
| 2648.4072 | 24.83 | 19.20 | 134.93  | 1.37    | 1.35    |
| 2648.5596 | 22.71 | 20.55 | 150.04  | 1.35    | 1.23    |
| 2648.7120 | 18.27 | 20.44 | 137.25  | 1.33    | 1.19    |
| 2648.8644 | 20.41 | 21.00 | 138.42  | 1.39    | 1.16    |
| 2649.0168 | 22.02 | 22.43 | 150.04  | 1.57    | 1.64    |
| 2649.1692 | 16.89 | 20.68 | 159.35  | 1.71    | -999.25 |
| 2649.3216 | 14.56 | 19.40 | 164.00  | 1.74    | 1.85    |
| 2649.4740 | 14.18 | 17.98 | 164.00  | 1.74    | 1.83    |
| 2649.6264 | 12.04 | 17.11 | 145.01  | 1.68    | 1.73    |
| 2649.7788 | 11.65 | 16.21 | 161.67  | 1.69    | 1.62    |
| 2649.9312 | 11.37 | 14.71 | 153.82  | 1.62    | 1.39    |
| 2650.0836 | 18.14 | 15.64 | 148.30  | 1.65    | 1.43    |
| 2650.2360 | 46.59 | 16.31 | 152.37  | 1.68    | 1.51    |
| 2650.3884 | 30.11 | 16.46 | 160.51  | 1.75    | 1.61    |
| 2650.5408 | 14.74 | 15.20 | 152.37  | 1.80    | 1.80    |
| 2650.6932 | 17.28 | 16.53 | -999.25 | 1.83    | 1.88    |
| 2650.8456 | 43.78 | 17.66 | 160.51  | 1.83    | -999.25 |
| 2650.9980 | 26.13 | 18.50 | 148.88  | 1.85    | 1.73    |
| 2651.1504 | 21.95 | 20.36 | -999.25 | -999.25 | -999.25 |
| 2651.3028 | 27.74 | 22.67 | 145.39  | 1.80    | 1.59    |
| 2651.4552 | 23.53 | 24.97 | 152.37  | 1.87    | 1.62    |
| 2651.6076 | 25.55 | 24.44 | 157.02  | 1.94    | -999.25 |
| 2651.7600 | 36.59 | 24.26 | 170.98  | 2.05    | 1.86    |
| 2651.9124 | 31.35 | 24.60 | 173.30  | 2.09    | 1.97    |
| 2652.0648 | 16.61 | 25.20 | 175.63  | 2.17    | 2.02    |
| 2652.2172 | 13.29 | 22.66 | 158.18  | 2.27    | 2.27    |
| 2652.3696 | 13.56 | 20.05 | 173.30  | 2.41    | 2.51    |
| 2652.5220 | 17.30 | 20.82 | 152.37  | 2.41    | -999.25 |
| 2652.6744 | 18.08 | 19.30 | 165.74  | 2.36    | 2.48    |
| 2652.8268 | 11.97 | 17.38 | 155.86  | 2.29    | 2.17    |
| 2652.9792 | 18.82 | 18.54 | -999.25 | 2.29    | 1.96    |
| 2653.1316 | 23.38 | 17.17 | 158.18  | 2.26    | 1.81    |
| 2653.2840 | 18.62 | 16.89 | 166.91  | 2.26    | 1.96    |
| 2653.4364 | 18.15 | 15.90 | 155.86  | 2.29    | 2.19    |
| 2653.5888 | 13.14 | 16.03 | 161.09  | 2.52    | 2.05    |
| 2653.7412 | 16.46 | 16.67 | 171.85  | 2.69    | 2.24    |
| 2653.8936 | 15.57 | 16.53 | 173.30  | 2.96    | 2.80    |
| 2654.0460 | 17.61 | 16.73 | 169.81  | -999.25 | -999.25 |
| 2654.1984 | 39.81 | 18.36 | 171.56  | 3.61    | 3.00    |
| 2654.3508 | 13.38 | 17.23 | 169.81  | 4.12    | 4.07    |
| 2654.5032 | 10.15 | 15.74 | 173.30  | 4.69    | -999.25 |
| 2654.6556 | 14.30 | 15.76 | 186.09  | 4.86    | 4.83    |
| 2654.8080 | 6.68  | 12.09 | 186.09  | -999.25 | 4.98    |
| 2654.9604 | 5.93  | 11.61 | 159.35  | 5.03    | -999.25 |
| 2655.1128 | 7.32  | 10.55 | 182.02  | 4.69    | 5.06    |
| 2655.2652 | 8.96  | 10.38 | -999.25 | 4.25    | 4.98    |
| 2655.4176 | 9.51  | 9.71  | 177.95  | 3.77    | 4.07    |
| 2655.5700 | 7.61  | 8.99  | 183.77  | 3.11    | -999.25 |
| 2655.7224 | 9.94  | 8.47  | 177.95  | 2.52    | 3.34    |
| 2655.8748 | 15.36 | 9.15  | 173.30  | -999.25 | 2.56    |
| 2656.0272 | 18.09 | 9.14  | 154.70  | 1.94    | 1.56    |
| 2656.1796 | 13.09 | 9.04  | 157.02  | 1.74    | 1.18    |
| 2656.3320 | 17.72 | 11.01 | 155.86  | 1.57    | -999.25 |
| 2656.4844 | 12.21 | 10.72 | 159.35  | 1.60    | 1.41    |
| 2656.6368 | 6.82  | 10.77 | 170.98  | 1.64    | 1.51    |
| 2656.7892 | 6.36  | 9.76  | -999.25 | 1.64    | 1.49    |
| 2656.9416 | 7.41  | 10.12 | 168.65  | 1.55    | 1.50    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2639.1108 | 15.51 | 15.50 | -999.25 | 1.08    | -999.25 |
| 2639.2632 | 18.59 | 15.90 | 143.07  | 1.02    | 0.95    |
| 2639.4156 | 19.33 | 15.77 | 132.60  | 1.02    | 0.93    |
| 2639.5680 | 19.66 | 16.97 | 118.65  | 1.02    | 0.95    |
| 2639.7204 | 22.40 | 16.99 | -999.25 | 1.05    | 0.99    |
| 2639.8728 | 10.85 | 14.93 | 125.62  | 1.07    | 1.08    |
| 2640.0252 | 9.16  | 14.46 | 124.46  | 1.10    | 1.07    |
| 2640.1776 | 15.58 | 14.54 | -999.25 | 1.11    | 1.01    |
| 2640.3300 | 17.33 | 15.26 | 122.14  | 1.14    | 1.01    |
| 2640.4824 | 11.90 | 14.49 | 124.46  | 1.17    | 1.16    |
| 2640.6348 | 12.91 | 14.68 | 117.48  | 1.23    | 1.27    |
| 2640.7872 | 19.22 | 14.57 | -999.25 | 1.23    | 1.29    |
| 2640.9396 | 20.62 | 14.82 | 148.88  | 1.21    | 1.24    |
| 2641.0920 | 19.52 | 14.55 | 137.25  | 1.18    | 1.13    |
| 2641.2444 | 14.00 | 13.73 | 139.58  | 1.18    | 1.07    |
| 2641.3968 | 15.82 | 15.89 | 127.95  | 1.18    | 1.09    |
| 2641.5492 | 21.64 | 16.59 | 139.58  | 1.20    | -999.25 |
| 2641.7016 | 17.17 | 16.19 | -999.25 | 1.20    | 1.14    |
| 2641.8540 | 15.18 | 16.15 | 131.44  | 1.22    | 1.17    |
| 2642.0064 | 18.20 | 17.88 | 137.25  | 1.22    | 1.23    |
| 2642.1588 | 18.41 | 17.46 | -999.25 | 1.22    | 1.31    |
| 2642.3112 | 18.92 | 17.83 | 137.25  | 1.22    | 1.21    |
| 2642.4636 | 13.93 | 16.15 | 127.95  | -999.25 | 1.16    |
| 2642.6160 | 11.79 | 15.92 | -999.25 | 1.25    | 1.19    |
| 2642.7684 | 15.76 | 16.58 | 130.28  | 1.27    | 1.21    |
| 2642.9208 | 15.99 | 15.95 | 129.11  | 1.29    | -999.25 |
| 2643.0732 | 16.60 | 15.84 | -999.25 | 1.35    | 1.25    |
| 2643.2256 | 19.89 | 16.37 | 143.07  | -999.25 | 1.21    |
| 2643.3780 | 15.86 | 15.98 | 134.93  | 1.39    | 1.39    |
| 2643.5304 | 11.37 | 14.78 | 134.93  | -999.25 | -999.25 |
| 2643.6828 | 17.95 | 15.91 | -999.25 | 1.37    | 1.51    |
| 2643.8352 | 26.53 | 15.47 | 139.58  | 1.37    | 1.23    |
| 2643.9876 | 22.35 | 17.41 | 126.79  | 1.33    | 1.29    |
| 2644.1400 | 19.91 | 17.32 | 136.09  | 1.31    | -999.25 |
| 2644.2924 | 13.33 | 16.74 | 144.23  | 1.31    | 1.33    |
| 2644.4448 | 17.44 | 17.64 | 137.25  | -999.25 | 1.19    |
| 2644.5972 | 18.66 | 17.12 | -999.25 | 1.29    | 1.16    |
| 2644.7496 | 17.07 | 17.14 | 130.86  | 1.25    | -999.25 |
| 2644.9020 | 19.98 | 17.92 | 136.09  | 1.25    | 1.20    |
| 2645.0544 | 21.72 | 20.01 | 139.58  | 1.31    | -999.25 |
| 2645.2068 | 18.69 | 18.06 | 138.42  | -999.25 | 1.16    |
| 2645.3592 | 18.25 | 18.73 | 133.76  | 1.37    | -999.25 |
| 2645.5116 | 22.00 | 18.01 | 141.61  | -999.25 | 1.41    |
| 2645.6640 | 18.26 | 18.42 | 141.90  | 1.39    | 1.37    |
| 2645.8164 | 15.98 | 18.86 | -999.25 | 1.37    | 1.37    |
| 2645.9688 | 14.82 | 17.75 | 137.25  | -999.25 | -999.25 |
| 2646.1212 | 20.62 | 19.23 | 122.14  | 1.33    | 1.31    |
| 2646.2736 | 20.80 | 18.44 | 133.76  | 1.31    | 1.19    |
| 2646.4260 | 20.50 | 19.32 | 131.05  | 1.27    | -999.25 |
| 2646.5784 | 25.67 | 18.94 | 132.60  | -999.25 | 1.19    |
| 2646.7308 | 16.99 | 18.93 | 133.76  | 1.25    | -999.25 |
| 2646.8832 | 19.61 | 19.21 | 137.25  | 1.25    | 1.19    |
| 2647.0356 | 16.90 | 17.99 | 132.21  | 1.27    | -999.25 |
| 2647.1880 | 14.18 | 18.12 | 143.07  | -999.25 | 1.19    |
| 2647.3404 | 18.44 | 18.55 | 140.74  | 1.29    | 1.16    |
| 2647.4928 | 14.90 | 18.14 | -999.25 | 1.29    | 1.22    |
| 2647.6452 | 18.04 | 18.09 | 140.35  | 1.32    | 1.29    |
| 2647.7976 | 29.59 | 19.13 | -999.25 | 1.35    | 1.26    |
| 2647.9500 | 29.19 | 19.09 | 135.51  | 1.35    | -999.25 |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2630.1192 | 10.16 | 11.39 | -999.25 | 1.31    | 1.22    |
| 2630.2716 | 13.94 | 12.28 | 148.88  | 1.33    | 1.21    |
| 2630.4240 | 27.91 | 13.45 | 148.30  | 1.39    | 1.21    |
| 2630.5764 | 17.99 | 13.61 | 140.74  | 1.50    | 1.38    |
| 2630.7288 | 15.31 | 14.35 | -999.25 | 1.57    | 1.62    |
| 2630.8812 | 19.61 | 14.24 | 159.93  | 1.65    | 1.62    |
| 2631.0336 | 14.86 | 14.81 | -999.25 | 1.71    | -999.25 |
| 2631.1860 | 12.73 | 14.49 | 148.88  | -999.25 | 1.67    |
| 2631.3384 | 11.30 | 14.07 | 152.37  | 1.77    | 1.83    |
| 2631.4908 | 12.84 | 14.94 | 157.02  | 1.80    | -999.25 |
| 2631.6432 | 14.11 | 15.25 | -999.25 | 1.74    | 1.86    |
| 2631.7956 | 13.19 | 14.76 | 154.70  | 1.68    | 1.62    |
| 2631.9480 | 15.13 | 13.96 | 143.07  | 1.65    | 1.54    |
| 2632.1004 | 17.07 | 14.63 | 149.46  | 1.62    | -999.25 |
| 2632.2528 | 14.44 | 13.81 | 150.04  | 1.61    | 1.54    |
| 2632.4052 | 13.95 | 13.79 | 158.18  | 1.60    | 1.59    |
| 2632.5576 | 21.93 | 14.69 | 145.97  | 1.58    | 1.50    |
| 2632.7100 | 19.74 | 14.94 | 144.81  | -999.25 | 1.41    |
| 2632.8624 | 14.54 | 15.59 | -999.25 | 1.61    | 1.49    |
| 2633.0148 | 13.38 | 15.08 | 126.79  | 1.65    | 1.50    |
| 2633.1672 | 18.27 | 16.42 | 144.23  | 1.69    | 1.55    |
| 2633.3196 | 18.62 | 16.16 | 143.65  | -999.25 | -999.25 |
| 2633.4720 | 14.97 | 16.38 | 145.97  | 1.74    | -999.25 |
| 2633.6244 | 16.92 | 16.13 | -999.25 | 1.74    | 1.80    |
| 2633.7768 | 17.81 | 17.12 | 164.58  | 1.68    | 1.80    |
| 2633.9292 | 20.62 | 17.44 | 173.30  | -999.25 | 1.59    |
| 2634.0816 | 21.07 | 17.01 | 196.56  | 1.62    | -999.25 |
| 2634.2340 | 19.32 | 17.37 | 180.28  | 1.55    | 1.52    |
| 2634.3864 | 16.40 | 17.47 | 198.50  | 1.43    | -999.25 |
| 2634.5388 | 13.68 | 17.47 | 195.40  | -999.25 | 1.59    |
| 2634.6912 | 16.63 | 17.15 | 162.45  | 1.34    | 1.27    |
| 2634.8436 | 20.06 | 17.71 | 138.42  | -999.25 | 1.21    |
| 2634.9960 | 20.04 | 18.21 | 152.37  | 1.22    | -999.25 |
| 2635.1484 | 15.31 | 17.33 | 166.32  | 1.20    | 1.14    |
| 2635.3008 | 17.48 | 18.13 | 175.05  | 1.18    | 1.09    |
| 2635.4532 | 21.73 | 17.48 | 164.39  | 1.18    | 1.11    |
| 2635.6056 | 15.80 | 17.15 | 159.35  | 1.16    | 1.13    |
| 2635.7580 | 16.16 | 16.88 | -999.25 | -999.25 | 1.16    |
| 2635.9104 | 19.76 | 17.78 | 147.33  | 1.15    | 1.11    |
| 2636.0628 | 23.30 | 18.80 | 147.72  | 1.15    | 1.13    |
| 2636.2152 | 17.98 | 18.07 | 153.53  | -999.25 | -999.25 |
| 2636.3676 | 16.75 | 18.13 | 151.98  | 1.15    | 1.13    |
| 2636.5200 | 16.99 | 17.51 | 141.90  | -999.25 | 1.05    |
| 2636.6724 | 18.21 | 18.84 | 149.66  | 1.19    | 1.09    |
| 2636.8248 | 19.30 | 17.85 | 144.81  | 1.25    | 1.19    |
| 2636.9772 | 15.61 | 17.64 | 155.86  | 1.29    | -999.25 |
| 2637.1296 | 16.56 | 18.03 | 150.34  | 1.38    | 1.29    |
| 2637.2820 | 15.96 | 17.59 | 144.23  | -999.25 | 1.31    |
| 2637.4344 | 16.64 | 17.43 | 159.35  | 1.39    | 1.35    |
| 2637.5868 | 18.30 | 16.89 | 166.32  | 1.43    | 1.39    |
| 2637.7392 | 16.41 | 17.12 | 177.95  | 1.44    | 1.47    |
| 2637.8916 | 17.40 | 17.02 | 184.93  | -999.25 | -999.25 |
| 2638.0440 | 14.15 | 16.45 | 195.40  | 1.45    | 1.45    |
| 2638.1964 | 14.86 | 16.33 | -999.25 | 1.40    | 1.43    |
| 2638.3488 | 19.28 | 16.45 | 187.26  | 1.37    | 1.40    |
| 2638.5012 | 17.38 | 16.69 | 163.42  | 1.35    | 1.35    |
| 2638.6536 | 18.09 | 16.73 | 157.02  | 1.30    | 1.36    |
| 2638.8060 | 13.17 | 15.98 | 131.44  | 1.21    | 1.26    |
| 2638.9584 | 12.07 | 15.55 | 121.55  | 1.12    | 1.06    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2621.1276 | 9.90  | 13.45 | 87.25   | 1.17    | 1.06    |
| 2621.2800 | 11.62 | 11.29 | 87.25   | 1.15    | 1.11    |
| 2621.4324 | 9.15  | 11.52 | 77.95   | 1.20    | 1.14    |
| 2621.5848 | 13.85 | 11.17 | 90.74   | 1.19    | 1.21    |
| 2621.7372 | 8.89  | 10.02 | 81.43   | 1.11    | 1.29    |
| 2621.8896 | 9.21  | 10.74 | 89.57   | 1.06    | 1.05    |
| 2622.0420 | 16.61 | 11.24 | 82.60   | 1.00    | 0.89    |
| 2622.1944 | 14.19 | 10.81 | 107.02  | 0.95    | 0.91    |
| 2622.3468 | 15.00 | 11.12 | 105.86  | 0.93    | 0.93    |
| 2622.4992 | 22.67 | 13.11 | 102.37  | 0.92    | 0.86    |
| 2622.6516 | 15.72 | 12.13 | 108.18  | 0.94    | 0.86    |
| 2622.8040 | 13.14 | 13.46 | -999.25 | 0.97    | 0.87    |
| 2622.9564 | 22.16 | 14.37 | 94.23   | 1.00    | -999.25 |
| 2623.1088 | 22.38 | 14.54 | 88.99   | 1.06    | 1.02    |
| 2623.2612 | 17.33 | 17.05 | 102.37  | 1.09    | 1.16    |
| 2623.4136 | 24.63 | 18.12 | 91.90   | 1.06    | -999.25 |
| 2623.5660 | 28.42 | 18.64 | 87.25   | 1.04    | 1.11    |
| 2623.7184 | 14.67 | 18.27 | 104.69  | 0.97    | 1.01    |
| 2623.8708 | 11.68 | 17.41 | 97.72   | 0.92    | 0.95    |
| 2624.0232 | 22.52 | 18.25 | 108.18  | 0.88    | 0.92    |
| 2624.1756 | 32.04 | 19.62 | 115.16  | 0.87    | 0.81    |
| 2624.3280 | 18.73 | 19.90 | 108.18  | 0.84    | -999.25 |
| 2624.4804 | 20.73 | 19.38 | 101.20  | 0.84    | 0.83    |
| 2624.6328 | 29.80 | 20.82 | -999.25 | 0.81    | 0.81    |
| 2624.7852 | 22.51 | 20.44 | 94.81   | 0.78    | 0.82    |
| 2624.9376 | 21.75 | 20.37 | 107.02  | 0.77    | 0.75    |
| 2625.0900 | 31.52 | 20.73 | 100.04  | -999.25 | 0.71    |
| 2625.2424 | 38.23 | 24.57 | 107.02  | 0.75    | 0.67    |
| 2625.3948 | 26.31 | 25.82 | 104.69  | 0.78    | 0.67    |
| 2625.5472 | 18.87 | 23.57 | 119.81  | 0.83    | 0.79    |
| 2625.6996 | 20.79 | 23.75 | 115.16  | 0.86    | 0.89    |
| 2625.8520 | 29.86 | 26.02 | 118.65  | 0.92    | 0.87    |
| 2626.0044 | 23.87 | 24.49 | 123.30  | 0.96    | -999.25 |
| 2626.1568 | 20.93 | 24.22 | 130.28  | 1.01    | 0.95    |
| 2626.3092 | 30.38 | 25.96 | 133.76  | 1.04    | 0.94    |
| 2626.4616 | 23.41 | 24.61 | 135.51  | 1.14    | 1.04    |
| 2626.6140 | 16.29 | 22.49 | 138.42  | 1.15    | 1.11    |
| 2626.7664 | 27.32 | 23.41 | 140.74  | 1.22    | 1.25    |
| 2626.9188 | 91.72 | 25.62 | 132.60  | -999.25 | 1.27    |
| 2627.0712 | 25.35 | 24.99 | 137.25  | 1.27    | 1.27    |
| 2627.2236 | 11.99 | 21.69 | 142.49  | 1.31    | 1.25    |
| 2627.3760 | 15.12 | 21.49 | 141.90  | 1.33    | 1.25    |
| 2627.5284 | 13.26 | 18.94 | 152.37  | 1.35    | 1.31    |
| 2627.6808 | 11.33 | 18.31 | -999.25 | 1.39    | 1.39    |
| 2627.8332 | 17.24 | 17.29 | 150.04  | 1.41    | 1.39    |
| 2627.9856 | 16.38 | 17.15 | 144.81  | 1.41    | -999.25 |
| 2628.1380 | 13.25 | 16.49 | 138.42  | 1.41    | 1.30    |
| 2628.2904 | 15.07 | 15.57 | -999.25 | 1.43    | -999.25 |
| 2628.4428 | 27.87 | 15.23 | 149.46  | 1.43    | 1.41    |
| 2628.5952 | 19.95 | 15.06 | 147.72  | 1.45    | 1.41    |
| 2628.7476 | 10.91 | 14.86 | -999.25 | 1.47    | 1.44    |
| 2628.9000 | 9.68  | 13.55 | 134.93  | 1.42    | 1.47    |
| 2629.0524 | 10.50 | 14.03 | 122.14  | 1.41    | 1.37    |
| 2629.2048 | 11.29 | 13.54 | 146.56  | 1.35    | 1.27    |
| 2629.3572 | 14.87 | 13.68 | 134.93  | 1.35    | 1.25    |
| 2629.5096 | 12.81 | 12.94 | 141.32  | 1.33    | 1.27    |
| 2629.6620 | 11.83 | 13.35 | 143.65  | 1.33    | 1.27    |
| 2629.8144 | 14.14 | 12.80 | 140.16  | 1.32    | 1.25    |
| 2629.9668 | 11.33 | 11.71 | -999.25 | 1.33    | 1.27    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2612.1360 | 7.92  | 10.07 | 171.56  | 5.75    | 4.83    |
| 2612.2884 | 3.83  | 7.56  | 175.63  | 6.37    | 5.13    |
| 2612.4408 | 2.65  | 6.12  | 152.37  | 6.66    | 5.21    |
| 2612.5932 | 3.05  | 5.37  | 167.49  | 6.97    | 5.47    |
| 2612.7456 | 3.03  | 4.56  | 146.56  | 7.08    | 6.36    |
| 2612.8980 | 3.86  | 4.42  | 97.72   | 6.66    | 7.79    |
| 2613.0504 | 5.52  | 4.13  | 109.93  | 6.66    | 9.73    |
| 2613.2028 | 4.95  | 4.21  | 166.32  | 6.51    | 8.44    |
| 2613.3552 | 7.16  | 4.33  | 183.77  | 5.86    | 6.83    |
| 2613.5076 | 16.02 | 4.49  | 200.05  | 5.42    | 5.47    |
| 2613.6600 | 26.40 | 4.69  | 217.49  | 4.86    | 4.76    |
| 2613.8124 | 14.65 | 5.43  | 176.79  | 4.00    | 5.13    |
| 2613.9648 | 10.73 | 6.39  | 139.58  | 3.66    | 5.30    |
| 2614.1172 | 10.45 | 7.27  | 98.88   | 2.96    | 4.83    |
| 2614.2696 | 13.31 | 9.49  | 59.34   | 2.33    | 3.00    |
| 2614.4220 | 9.18  | 9.31  | 61.67   | 1.80    | 2.19    |
| 2614.5744 | 11.32 | 11.51 | 76.78   | 1.62    | 1.33    |
| 2614.7268 | 38.13 | 13.83 | 78.53   | 1.39    | -999.25 |
| 2614.8792 | 27.29 | 15.10 | 104.69  | 1.30    | 1.13    |
| 2615.0316 | 19.89 | 14.31 | 94.23   | 1.25    | 1.15    |
| 2615.1840 | 16.90 | 14.19 | -999.25 | 1.22    | 1.21    |
| 2615.3364 | 19.50 | 15.04 | 86.67   | 1.17    | 1.16    |
| 2615.4888 | 23.69 | 16.59 | 90.74   | 1.14    | 1.11    |
| 2615.6412 | 26.79 | 18.25 | 95.39   | 1.12    | 1.04    |
| 2615.7936 | 35.43 | 19.64 | 102.37  | 1.11    | -999.25 |
| 2615.9460 | 30.69 | 25.29 | 89.57   | 1.08    | 1.09    |
| 2616.0984 | 26.17 | 24.45 | 89.57   | 1.06    | 0.98    |
| 2616.2508 | 27.69 | 24.09 | 87.25   | 1.04    | 0.93    |
| 2616.4032 | 22.82 | 23.63 | 84.92   | 1.00    | 0.94    |
| 2616.5556 | 21.71 | 24.59 | 87.25   | 1.04    | 0.83    |
| 2616.7080 | 36.65 | 27.81 | 88.41   | 1.09    | 0.92    |
| 2616.8604 | 37.57 | 27.98 | 83.76   | 1.16    | 1.16    |
| 2617.0128 | 23.01 | 27.62 | 91.90   | -999.25 | 1.33    |
| 2617.1652 | 25.81 | 27.76 | 93.06   | 1.31    | 1.33    |
| 2617.3176 | 31.27 | 27.06 | 94.23   | 1.37    | 1.31    |
| 2617.4700 | 30.35 | 27.70 | 83.76   | 1.41    | 1.31    |
| 2617.6224 | 28.23 | 27.48 | 75.04   | 1.41    | 1.59    |
| 2617.7748 | 40.98 | 29.63 | 77.95   | 1.41    | 1.64    |
| 2617.9272 | 33.91 | 29.82 | 84.92   | 1.32    | 1.46    |
| 2618.0796 | 27.72 | 31.49 | 87.25   | 1.23    | 1.27    |
| 2618.2320 | 26.24 | 28.02 | 88.41   | 1.18    | 1.07    |
| 2618.3844 | 20.77 | 27.73 | 82.60   | 1.14    | 1.04    |
| 2618.5368 | 22.45 | 27.85 | 74.46   | 1.15    | 1.08    |
| 2618.6892 | 27.83 | 28.17 | 82.02   | 1.15    | 1.10    |
| 2618.8416 | 41.43 | 29.12 | 79.11   | 1.14    | 1.14    |
| 2618.9940 | 37.97 | 29.26 | 76.78   | 1.11    | 1.06    |
| 2619.1464 | 23.17 | 27.86 | -999.25 | 1.09    | 0.98    |
| 2619.2988 | 21.64 | 25.95 | 84.92   | 1.08    | 0.97    |
| 2619.4512 | 28.12 | 26.95 | 84.92   | 1.10    | 0.99    |
| 2619.6036 | 29.74 | 26.28 | -999.25 | 1.14    | 1.06    |
| 2619.7560 | 38.37 | 28.82 | 85.50   | 1.20    | 1.16    |
| 2619.9084 | 21.35 | 26.46 | 88.41   | -999.25 | 1.25    |
| 2620.0608 | 14.86 | 25.48 | -999.25 | 1.22    | 1.31    |
| 2620.2132 | 21.16 | 24.97 | 80.27   | 1.19    | 1.27    |
| 2620.3656 | 11.02 | 19.02 | 75.62   | 1.15    | 1.12    |
| 2620.5180 | 8.74  | 17.34 | 74.46   | 1.11    | 0.99    |
| 2620.6704 | 13.63 | 17.06 | 82.60   | 1.12    | 0.94    |
| 2620.8228 | 16.10 | 16.43 | 84.92   | 1.12    | 1.02    |
| 2620.9752 | 7.97  | 13.06 | 79.11   | 1.14    | 1.06    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2603.1444 | 11.94 | 8.54  | 80.27   | 1.15    | 1.02    |
| 2603.2968 | 19.20 | 9.34  | 81.43   | 1.19    | 1.13    |
| 2603.4492 | 8.09  | 8.81  | 84.92   | -999.25 | 1.18    |
| 2603.6016 | 6.10  | 8.73  | 87.83   | 1.22    | 1.06    |
| 2603.7540 | 6.99  | 8.44  | 101.20  | 1.10    | 1.05    |
| 2603.9064 | 4.86  | 7.83  | 103.53  | 1.15    | 1.29    |
| 2604.0588 | 6.08  | 7.84  | 97.72   | 1.01    | 0.99    |
| 2604.2112 | 10.69 | 7.85  | 100.04  | 0.95    | 0.86    |
| 2604.3636 | 7.83  | 7.78  | -999.25 | 0.90    | 0.80    |
| 2604.5160 | 9.30  | 8.03  | 134.93  | -999.25 | -999.25 |
| 2604.6684 | 14.16 | 7.94  | 126.21  | 0.90    | 0.86    |
| 2604.8208 | 12.86 | 7.71  | -999.25 | 0.92    | -999.25 |
| 2604.9732 | 17.76 | 8.89  | 176.79  | 0.92    | 0.93    |
| 2605.1256 | 16.71 | 9.18  | -999.25 | 0.93    | 0.89    |
| 2605.2780 | 14.98 | 10.29 | 283.78  | 0.93    | 0.94    |
| 2605.4304 | 18.90 | 12.77 | 283.78  | 0.96    | 0.91    |
| 2605.5828 | 12.72 | 12.50 | 283.78  | 0.97    | -999.25 |
| 2605.7352 | 13.06 | 13.35 | 283.78  | 1.01    | 0.97    |
| 2605.8876 | 19.64 | 15.47 | 283.78  | 1.02    | 0.99    |
| 2606.0400 | 16.64 | 15.28 | -999.25 | 1.04    | 1.03    |
| 2606.1924 | 17.18 | 16.09 | 283.78  | 1.08    | 1.05    |
| 2606.3448 | 15.84 | 16.00 | 248.89  | 1.08    | 1.04    |
| 2606.4972 | 14.95 | 15.56 | 183.77  | 1.11    | -999.25 |
| 2606.6496 | 17.96 | 16.22 | 210.51  | 1.14    | 1.08    |
| 2606.8020 | 18.22 | 16.16 | 227.96  | 1.18    | 1.09    |
| 2606.9544 | 18.44 | 16.15 | 153.53  | 1.25    | 1.24    |
| 2607.1068 | 15.72 | 16.98 | 148.88  | -999.25 | 1.41    |
| 2607.2592 | 17.36 | 17.20 | 179.12  | 1.35    | 1.39    |
| 2607.4116 | 19.30 | 16.93 | 193.65  | 1.37    | 1.35    |
| 2607.5640 | 12.22 | 16.00 | 194.23  | 1.33    | 1.39    |
| 2607.7164 | 13.13 | 15.96 | 179.12  | 1.29    | -999.25 |
| 2607.8688 | 13.18 | 15.38 | 172.14  | 1.33    | 1.18    |
| 2608.0212 | 13.10 | 15.49 | 162.25  | 1.41    | 1.19    |
| 2608.1736 | 16.40 | 15.13 | -999.25 | -999.25 | -999.25 |
| 2608.3260 | 9.51  | 13.40 | 144.23  | 1.52    | 1.76    |
| 2608.4784 | 8.34  | 12.62 | 168.65  | 1.60    | -999.25 |
| 2608.6308 | 8.33  | 11.64 | 225.63  | 1.55    | 1.46    |
| 2608.7832 | 10.22 | 11.46 | 233.19  | 1.47    | 1.59    |
| 2608.9356 | 9.70  | 10.40 | 251.21  | 1.41    | 1.67    |
| 2609.0880 | 8.24  | 10.51 | 245.40  | 1.29    | 1.44    |
| 2609.2404 | 8.43  | 9.56  | 186.09  | 1.11    | 1.35    |
| 2609.3928 | 8.93  | 9.77  | 129.11  | -999.25 | 1.54    |
| 2609.5452 | 7.06  | 8.49  | 114.00  | 0.90    | 1.02    |
| 2609.6976 | 4.87  | 7.62  | 95.97   | -999.25 | 0.77    |
| 2609.8500 | 6.87  | 7.95  | 100.04  | 0.71    | 0.60    |
| 2610.0024 | 13.16 | 8.16  | 98.30   | 0.68    | -999.25 |
| 2610.1548 | 17.49 | 8.83  | -999.25 | 0.66    | 0.61    |
| 2610.3072 | 17.01 | 8.72  | 95.97   | 0.68    | 0.62    |
| 2610.4596 | 19.26 | 9.71  | 109.34  | 0.74    | 0.64    |
| 2610.6120 | 22.96 | 10.09 | 109.34  | 0.82    | 0.74    |
| 2610.7644 | 18.51 | 11.10 | 98.88   | 0.91    | 0.79    |
| 2610.9168 | 17.43 | 11.33 | 97.13   | 1.20    | 0.84    |
| 2611.0692 | 17.02 | 13.61 | 120.97  | 1.47    | 1.14    |
| 2611.2216 | 19.47 | 17.42 | 157.02  | 1.90    | 2.86    |
| 2611.3740 | 16.79 | 17.77 | -999.25 | 2.52    | 3.52    |
| 2611.5264 | 15.24 | 18.07 | 165.55  | 3.37    | -999.25 |
| 2611.6788 | 6.86  | 13.51 | 170.98  | -999.25 | 4.30    |
| 2611.8312 | 5.10  | 12.08 | 181.44  | 3.94    | 4.62    |
| 2611.9836 | 7.34  | 11.01 | 176.79  | 5.13    | 4.69    |

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| 2594.1528 | 5.35    | 5.15    | 179.12  | 5.98    | 5.13    |
| 2594.3052 | 4.71    | 5.19    | 179.89  | -999.25 | 5.13    |
| 2594.4576 | 5.44    | 4.97    | 179.12  | 5.63    | 5.13    |
| 2594.6100 | 5.06    | 5.03    | -999.25 | 4.86    | 4.83    |
| 2594.7624 | 6.00    | 5.15    | 196.56  | 4.54    | 4.42    |
| 2594.9148 | 7.80    | 5.55    | 204.12  | 4.21    | 4.23    |
| 2595.0672 | 6.06    | 5.43    | -999.25 | 3.63    | 3.75    |
| 2595.2196 | 5.16    | 5.52    | 208.77  | 3.46    | 3.15    |
| 2595.3720 | 6.53    | 5.85    | 210.51  | 3.25    | 2.54    |
| 2595.5244 | 8.47    | 5.88    | -999.25 | 3.30    | 2.06    |
| 2595.6768 | 11.13   | 6.59    | -999.25 | 3.77    | 2.66    |
| 2595.8292 | 11.83   | 6.92    | 88.41   | 4.10    | 3.87    |
| 2595.9816 | 13.46   | 7.71    | 98.88   | 4.75    | 6.62    |
| 2596.1340 | 17.71   | 8.61    | 133.76  | 5.32    | 8.27    |
| 2596.2864 | -999.25 | -999.25 | 165.16  | 6.03    | 8.39    |
| 2596.4388 | -999.25 | -999.25 | 152.37  | 6.51    | 8.27    |
| 2596.5912 | 11.04   | 11.04   | 164.00  | 7.13    | 8.44    |
| 2596.7436 | 9.15    | 9.15    | -999.25 | 8.52    | -999.25 |
| 2596.8960 | 8.16    | 8.16    | 166.32  | -999.25 | 9.18    |
| 2597.0484 | 7.30    | 7.30    | 182.61  | 8.22    | 9.18    |
| 2597.2008 | 8.77    | 8.77    | 172.14  | 8.08    | 8.67    |
| 2597.3532 | 11.04   | 11.04   | -999.25 | 7.49    | 8.10    |
| 2597.5056 | 7.94    | 7.94    | 158.18  | 7.31    | 7.08    |
| 2597.6580 | 10.28   | 10.28   | -999.25 | 6.37    | 6.63    |
| 2597.8104 | 18.80   | 18.80   | 153.53  | 5.22    | -999.25 |
| 2597.9628 | 9.72    | 9.31    | 146.56  | 4.39    | 5.47    |
| 2598.1152 | 8.19    | 9.30    | 169.81  | -999.25 | 4.55    |
| 2598.2676 | 11.26   | 9.68    | 143.07  | 3.94    | 4.07    |
| 2598.4200 | 10.25   | 9.75    | 173.30  | 3.11    | -999.25 |
| 2598.5724 | 11.27   | 10.68   | -999.25 | 2.89    | 2.71    |
| 2598.7248 | 18.72   | 11.06   | 147.72  | 2.57    | -999.25 |
| 2598.8772 | 16.83   | 11.44   | 147.72  | -999.25 | 2.13    |
| 2599.0296 | 13.54   | 12.49   | 140.74  | 2.52    | -999.25 |
| 2599.1820 | 20.13   | 12.84   | -999.25 | 2.41    | 2.40    |
| 2599.3344 | 25.92   | 12.97   | 147.72  | 2.31    | 3.15    |
| 2599.4868 | 16.02   | 14.32   | 182.61  | 1.90    | 3.56    |
| 2599.6392 | 17.76   | 15.64   | -999.25 | -999.25 | 2.26    |
| 2599.7916 | 9.69    | 13.76   | 137.83  | 1.60    | 1.59    |
| 2599.9440 | 7.56    | 14.11   | 95.39   | 1.33    | 1.16    |
| 2600.0964 | 7.46    | 12.23   | 77.95   | 1.02    | -999.25 |
| 2600.2488 | 9.39    | 12.27   | 92.29   | -999.25 | 0.93    |
| 2600.4012 | 17.35   | 12.28   | 97.33   | 0.90    | 0.81    |
| 2600.5536 | 10.60   | 11.68   | 94.23   | -999.25 | 0.73    |
| 2600.7060 | 10.55   | 11.06   | 94.23   | -999.25 | -999.25 |
| 2600.8584 | 12.44   | 10.64   | 84.92   | 0.89    | 0.82    |
| 2601.0108 | 12.18   | 10.60   | 88.12   | 0.91    | -999.25 |
| 2601.1632 | 8.79    | 9.48    | -999.25 | 0.91    | 0.83    |
| 2601.3156 | 7.09    | 9.81    | 85.70   | -999.25 | 0.86    |
| 2601.4680 | 6.97    | 9.29    | -999.25 | 0.92    | 0.82    |
| 2601.6204 | 8.76    | 10.21   | 82.60   | 0.91    | 0.84    |
| 2601.7728 | 9.04    | 9.22    | 88.41   | 0.93    | 0.84    |
| 2601.9252 | 7.05    | 8.71    | 90.74   | 0.95    | -999.25 |
| 2602.0776 | 7.92    | 8.70    | 88.99   | -999.25 | 0.89    |
| 2602.2300 | 8.50    | 8.38    | 90.74   | 0.95    | -999.25 |
| 2602.3824 | 7.12    | 7.88    | -999.25 | 0.96    | 0.88    |
| 2602.5348 | 8.37    | 7.89    | 82.02   | 1.00    | -999.25 |
| 2602.6872 | 10.56   | 8.13    | 87.25   | 1.04    | 0.89    |
| 2602.8396 | 8.14    | 8.12    | 89.57   | -999.25 | 1.02    |
| 2602.9920 | 8.21    | 8.42    | 79.11   | 1.11    | -999.25 |

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| 2585.1612 | 2.40    | 1.84    | 79.11   | 0.85    | 0.59    |
| 2585.3136 | 1.86    | 1.75    | 83.76   | 0.88    | 0.65    |
| 2585.4660 | 1.95    | 1.73    | 80.27   | 0.94    | 0.74    |
| 2585.6184 | 1.29    | 1.52    | 80.85   | 0.95    | 0.84    |
| 2585.7708 | 1.14    | 1.50    | 77.95   | 0.96    | 0.79    |
| 2585.9232 | 2.55    | 1.64    | 77.95   | 0.99    | 0.74    |
| 2586.0756 | -999.25 | -999.25 | 87.25   | 1.08    | 0.75    |
| 2586.2280 | -999.25 | -999.25 | 82.60   | 1.14    | 0.93    |
| 2586.3804 | 5.35    | 5.35    | 93.06   | 1.20    | 1.27    |
| 2586.5328 | 3.92    | 3.92    | 102.37  | 1.18    | 1.33    |
| 2586.6852 | 4.21    | 4.21    | 95.39   | 1.23    | 1.10    |
| 2586.8376 | 6.70    | 6.70    | 97.72   | 1.21    | 1.33    |
| 2586.9900 | 5.61    | 5.61    | 100.04  | 1.23    | 1.34    |
| 2587.1424 | 5.74    | 5.74    | 104.69  | 1.18    | 1.23    |
| 2587.2948 | 7.74    | 7.74    | 92.48   | 1.08    | 1.19    |
| 2587.4472 | 8.67    | 8.67    | 93.06   | 1.04    | 0.94    |
| 2587.5996 | 9.54    | 9.54    | 87.25   | 1.01    | 0.87    |
| 2587.7520 | 11.26   | 6.39    | 91.90   | 0.99    | 0.94    |
| 2587.9044 | 10.13   | 6.68    | -999.25 | 1.02    | 0.94    |
| 2588.0568 | 11.63   | 8.15    | 105.08  | 1.07    | 0.94    |
| 2588.2092 | 8.39    | 7.93    | 95.39   | -999.25 | 1.09    |
| 2588.3616 | 9.89    | 8.84    | 99.65   | 1.09    | 1.09    |
| 2588.5140 | 14.43   | 9.59    | 105.86  | 1.11    | 1.05    |
| 2588.6664 | 9.43    | 10.05   | 98.30   | 1.10    | 1.15    |
| 2588.8188 | 15.19   | 10.92   | 101.98  | 1.06    | 1.09    |
| 2588.9712 | 35.47   | 12.19   | 101.20  | 0.99    | 1.06    |
| 2589.1236 | 16.63   | 12.10   | 100.04  | 0.93    | 0.93    |
| 2589.2760 | 10.37   | 11.97   | 101.20  | 0.92    | 0.82    |
| 2589.4284 | 14.68   | 13.07   | 94.46   | 0.85    | 0.83    |
| 2589.5808 | 26.62   | 13.54   | 88.99   | 0.83    | 0.85    |
| 2589.7332 | 20.20   | 15.98   | 84.92   | 0.80    | 0.75    |
| 2589.8856 | 13.23   | 14.54   | 79.11   | 0.78    | 0.73    |
| 2590.0380 | 14.23   | 15.93   | 77.95   | 0.77    | 0.69    |
| 2590.1904 | 20.46   | 17.44   | 86.67   | 0.80    | 0.69    |
| 2590.3428 | 17.38   | 16.36   | 95.39   | 0.87    | 0.70    |
| 2590.4952 | 13.26   | 14.98   | 117.48  | 1.12    | 0.83    |
| 2590.6476 | 14.03   | 15.79   | 155.86  | 1.37    | 1.35    |
| 2590.8000 | 14.35   | 16.28   | 179.12  | 2.05    | 3.15    |
| 2590.9524 | 6.83    | 12.66   | 166.32  | 2.46    | 3.04    |
| 2591.1048 | 4.88    | 10.54   | 164.00  | 3.22    | 3.18    |
| 2591.2572 | 4.85    | 9.06    | 169.23  | 4.00    | 3.75    |
| 2591.4096 | 4.39    | 7.98    | 167.49  | 4.39    | 4.30    |
| 2591.5620 | 7.03    | 8.02    | 171.21  | 4.95    | 4.49    |
| 2591.7144 | 7.85    | 7.09    | 178.24  | 5.16    | 4.78    |
| 2591.8668 | 5.26    | 6.61    | 183.77  | 5.42    | 4.98    |
| 2592.0192 | 5.59    | 6.18    | 170.20  | 5.53    | 5.13    |
| 2592.1716 | 7.05    | 6.05    | 173.57  | 5.94    | 5.13    |
| 2592.3240 | 7.81    | 5.77    | 172.91  | 5.98    | 5.13    |
| 2592.4764 | 5.85    | 5.87    | 173.11  | 6.11    | 5.06    |
| 2592.6288 | 5.76    | 5.98    | 171.41  | 6.11    | 4.90    |
| 2592.7812 | 6.35    | 6.23    | 174.46  | 6.11    | 5.07    |
| 2592.9336 | 6.74    | 6.61    | 173.47  | 6.05    | 5.26    |
| 2593.0860 | 6.00    | 6.05    | 162.25  | 6.37    | 5.30    |
| 2593.2384 | 4.94    | 6.01    | 173.88  | 6.11    | 5.30    |
| 2593.3908 | 4.51    | 5.82    | -999.25 | 6.11    | -999.25 |
| 2593.5432 | 4.66    | 5.77    | 166.32  | 6.37    | 5.41    |
| 2593.6956 | 5.32    | 5.52    | 172.53  | 6.37    | 5.47    |
| 2593.8480 | 4.57    | 5.22    | 175.63  | 6.37    | 5.47    |
| 2594.0004 | 5.75    | 5.51    | 181.44  | 6.37    | 5.30    |



|           |       |      |         |         |         |
|-----------|-------|------|---------|---------|---------|
| 2576.1696 | 10.50 | 7.23 | -999.25 | 2.78    | 2.44    |
| 2576.3220 | 11.41 | 7.97 | 133.76  | 2.56    | 1.56    |
| 2576.4744 | 12.97 | 8.51 | 159.35  | 2.42    | 1.88    |
| 2576.6268 | 9.54  | 8.43 | 154.70  | 2.48    | 2.87    |
| 2576.7792 | 6.52  | 8.07 | 155.28  | 2.52    | 2.66    |
| 2576.9316 | 5.63  | 7.79 | 143.65  | 2.44    | 2.46    |
| 2577.0840 | 5.30  | 7.15 | 134.93  | 2.40    | 2.08    |
| 2577.2364 | 5.96  | 6.80 | 129.11  | 2.54    | 1.70    |
| 2577.3888 | 6.60  | 7.51 | 151.21  | 2.82    | 1.85    |
| 2577.5412 | 6.65  | 7.26 | 160.51  | 3.09    | 2.80    |
| 2577.6936 | 7.13  | 7.03 | -999.25 | 3.48    | 4.11    |
| 2577.8460 | 5.24  | 6.32 | 150.43  | 4.00    | 4.83    |
| 2577.9984 | 5.31  | 6.08 | 148.49  | 4.21    | 5.43    |
| 2578.1508 | 5.69  | 5.80 | 152.37  | 4.39    | 6.18    |
| 2578.3032 | 5.61  | 5.90 | 152.95  | 4.73    | 5.60    |
| 2578.4556 | 8.77  | 6.26 | 144.81  | 4.98    | 5.38    |
| 2578.6080 | 9.65  | 6.56 | -999.25 | 4.98    | 5.13    |
| 2578.7604 | 7.26  | 6.51 | 152.37  | 4.00    | 4.83    |
| 2578.9128 | 6.09  | 6.45 | -999.25 | 4.64    | 3.28    |
| 2579.0652 | 7.66  | 6.68 | 159.35  | 4.54    | 3.85    |
| 2579.2176 | 8.37  | 6.63 | 168.65  | -999.25 | -999.25 |
| 2579.3700 | 7.25  | 7.19 | 161.67  | -999.25 | -999.25 |
| 2579.5224 | 8.85  | 7.37 | 177.95  | -999.25 | 4.55    |
| 2579.6748 | 7.59  | 7.67 | 169.43  | 3.88    | 4.30    |
| 2579.8272 | 5.83  | 7.44 | 171.36  | 3.71    | 3.96    |
| 2579.9796 | 5.92  | 7.07 | 166.32  | 3.69    | 2.93    |
| 2580.1320 | 5.75  | 6.74 | 165.16  | 3.41    | 2.53    |
| 2580.2844 | 5.84  | 6.75 | 166.32  | 3.37    | 2.42    |
| 2580.4368 | 8.22  | 7.15 | 164.00  | 3.15    | 3.26    |
| 2580.5892 | 8.92  | 6.92 | 165.16  | 3.11    | 3.70    |
| 2580.7416 | 8.97  | 7.23 | 172.14  | 3.04    | 3.52    |
| 2580.8940 | 7.74  | 7.01 | 160.51  | 3.04    | 3.39    |
| 2581.0464 | 7.05  | 6.94 | 142.78  | 2.96    | 3.39    |
| 2581.1988 | 5.12  | 6.44 | 151.50  | 2.69    | 2.98    |
| 2581.3512 | 5.13  | 6.72 | 172.72  | 2.48    | 2.32    |
| 2581.5036 | 5.25  | 6.26 | 177.95  | 2.82    | 1.51    |
| 2581.6560 | 3.83  | 6.01 | 166.32  | 2.57    | 1.81    |
| 2581.8084 | 3.94  | 5.68 | 153.53  | 2.69    | 3.34    |
| 2581.9608 | 5.82  | 5.67 | 123.69  | 2.76    | -999.25 |
| 2582.1132 | 5.57  | 5.27 | 107.79  | 2.36    | 3.72    |
| 2582.2656 | 4.44  | 5.02 | 117.10  | 1.97    | -999.25 |
| 2582.4180 | 3.83  | 4.63 | 115.55  | 1.80    | 1.49    |
| 2582.5704 | 4.32  | 4.61 | 101.59  | 1.65    | 1.40    |
| 2582.7228 | 8.11  | 4.96 | 88.41   | 1.52    | 1.70    |
| 2582.8752 | 7.83  | 4.91 | 81.05   | 1.45    | 1.56    |
| 2583.0276 | 4.24  | 4.74 | 75.62   | 1.33    | 1.27    |
| 2583.1800 | 3.75  | 4.89 | 74.46   | 1.04    | 0.86    |
| 2583.3324 | 4.54  | 4.90 | 84.92   | 1.03    | 0.69    |
| 2583.4848 | 2.78  | 4.13 | 81.05   | 0.87    | 0.64    |
| 2583.6372 | 2.06  | 3.77 | 91.90   | 0.87    | 0.66    |
| 2583.7896 | 2.50  | 3.61 | 85.31   | 1.56    | 0.68    |
| 2583.9420 | 3.00  | 3.58 | 91.32   | 0.94    | -999.25 |
| 2584.0944 | 3.04  | 3.37 | 86.86   | 0.93    | 0.78    |
| 2584.2468 | 2.28  | 2.92 | 81.05   | 2.17    | 0.81    |
| 2584.3992 | 1.55  | 2.50 | 87.25   | 0.94    | 0.72    |
| 2584.5516 | 1.21  | 2.17 | 89.57   | 0.94    | 0.81    |
| 2584.7040 | 1.18  | 1.94 | 97.72   | 0.94    | 0.85    |
| 2584.8564 | 1.43  | 1.80 | 94.23   | 0.89    | 0.77    |
| 2585.0088 | 2.02  | 1.84 | 83.18   | -999.25 | 0.65    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2567.1780 | 5.15  | 6.93  | 176.12  | 7.79    | 5.89    |
| 2567.3304 | 5.80  | 6.94  | 171.53  | 8.43    | 6.33    |
| 2567.4828 | 8.12  | 7.06  | 168.48  | 9.30    | 6.71    |
| 2567.6352 | 8.58  | 7.07  | 177.95  | 7.43    | 6.71    |
| 2567.7876 | 7.35  | 6.99  | 188.26  | 7.23    | 6.57    |
| 2567.9400 | 6.56  | 6.62  | 199.25  | 5.90    | 6.47    |
| 2568.0924 | 6.71  | 6.58  | 192.79  | 5.37    | 6.47    |
| 2568.2448 | 7.75  | 6.39  | 192.51  | 4.42    | 5.97    |
| 2568.3972 | 9.93  | 7.11  | 182.20  | 3.90    | 4.56    |
| 2568.5496 | 12.06 | 7.65  | 178.97  | 3.26    | 2.57    |
| 2568.7020 | 18.67 | 8.89  | 174.50  | 3.18    | 1.99    |
| 2568.8544 | 14.61 | 9.10  | 173.79  | 3.86    | 3.27    |
| 2569.0068 | 13.65 | 9.75  | 135.31  | 2.44    | 2.36    |
| 2569.1592 | 11.90 | 9.67  | 87.25   | 2.52    | 1.92    |
| 2569.3116 | 6.56  | 9.45  | -999.25 | 2.58    | 1.81    |
| 2569.4640 | 7.03  | 9.87  | 75.62   | 2.61    | 2.24    |
| 2569.6164 | 10.91 | 10.60 | 97.72   | 2.77    | 2.97    |
| 2569.7688 | 8.10  | 9.98  | 141.90  | 3.00    | 3.54    |
| 2569.9212 | 7.91  | 10.05 | 159.35  | 3.26    | 3.50    |
| 2570.0736 | 5.38  | 8.28  | 173.30  | 3.24    | 3.31    |
| 2570.2260 | 5.56  | 8.02  | 181.44  | 3.36    | 3.03    |
| 2570.3784 | 10.39 | 7.91  | 182.02  | 3.61    | 2.55    |
| 2570.5308 | 10.45 | 7.74  | 162.84  | 3.60    | 2.97    |
| 2570.6832 | 10.16 | 7.74  | 170.98  | 3.64    | 4.01    |
| 2570.8356 | 8.61  | 8.20  | 163.30  | 3.66    | 4.56    |
| 2570.9880 | 13.11 | 8.62  | 163.07  | 3.80    | 4.72    |
| 2571.1404 | 15.86 | 8.61  | 163.22  | 3.75    | 4.83    |
| 2571.2928 | 10.14 | 9.00  | 158.38  | 3.65    | 4.55    |
| 2571.4452 | 8.88  | 8.81  | 174.46  | 3.23    | 4.45    |
| 2571.5976 | 8.48  | 10.25 | 169.12  | 2.80    | 3.06    |
| 2571.7500 | 9.14  | 10.06 | 164.58  | 2.71    | 2.02    |
| 2571.9024 | 9.73  | 10.12 | 164.29  | 2.58    | 1.61    |
| 2572.0548 | 9.84  | 9.94  | 164.00  | 2.58    | 1.60    |
| 2572.2072 | 10.06 | 10.10 | 176.79  | 7.31    | -999.25 |
| 2572.3596 | 8.08  | 9.80  | 189.19  | 7.08    | 7.40    |
| 2572.5120 | 8.06  | 9.21  | 185.22  | 6.11    | 7.22    |
| 2572.6644 | 10.19 | 9.17  | 176.40  | 5.63    | 6.95    |
| 2572.8168 | 9.84  | 9.16  | 171.27  | 5.03    | 7.22    |
| 2572.9692 | 11.35 | 9.60  | 166.32  | 4.54    | 7.22    |
| 2573.1216 | 15.55 | 10.16 | 162.84  | 3.46    | 4.88    |
| 2573.2740 | 15.38 | 10.49 | 161.48  | 3.37    | 2.01    |
| 2573.4264 | 8.11  | 9.75  | 172.14  | 2.93    | 1.90    |
| 2573.5788 | 7.37  | 9.79  | 177.95  | -999.25 | 2.31    |
| 2573.7312 | 8.56  | 9.43  | 176.79  | 2.49    | 2.56    |
| 2573.8836 | 7.33  | 9.56  | 157.95  | 2.76    | 1.67    |
| 2574.0360 | 7.81  | 9.36  | 143.65  | 2.63    | 1.75    |
| 2574.1884 | 9.45  | 9.42  | 172.53  | 2.64    | 2.35    |
| 2574.3408 | 11.13 | 9.57  | 179.81  | 2.88    | 3.32    |
| 2574.4932 | 14.97 | 9.81  | 180.67  | 3.24    | 3.85    |
| 2574.6456 | 9.47  | 8.87  | 177.95  | 3.15    | 3.52    |
| 2574.7980 | 5.39  | 7.94  | 170.98  | 3.19    | 3.15    |
| 2574.9504 | 5.53  | 8.05  | 159.58  | 3.46    | 2.68    |
| 2575.1028 | 7.19  | 7.89  | 160.12  | 3.59    | 2.60    |
| 2575.2552 | 8.24  | 7.99  | 179.50  | 3.51    | 3.59    |
| 2575.4076 | 7.74  | 7.98  | 187.26  | 3.39    | 4.76    |
| 2575.5600 | 9.24  | 8.25  | 196.56  | 3.66    | 5.30    |
| 2575.7124 | 13.45 | 8.41  | 182.61  | 3.63    | 5.30    |
| 2575.8648 | 5.39  | 7.13  | -999.25 | 3.33    | 5.13    |
| 2576.0172 | 5.07  | 6.90  | -999.25 | 2.80    | 4.03    |

|           |       |       |        |      |      |
|-----------|-------|-------|--------|------|------|
| 2558.1864 | 9.79  | 7.65  | 78.02  | 1.24 | 1.08 |
| 2558.3388 | 10.03 | 9.41  | 78.23  | 1.43 | 1.33 |
| 2558.4912 | 9.75  | 9.64  | 103.08 | 1.45 | 1.57 |
| 2558.6436 | 10.39 | 10.23 | 109.14 | 1.56 | 1.51 |
| 2558.7960 | 15.64 | 11.30 | 115.55 | 1.63 | 1.43 |
| 2558.9484 | 17.47 | 11.46 | 112.17 | 1.78 | 1.70 |
| 2559.1008 | 14.69 | 11.41 | 113.38 | 1.73 | 1.72 |
| 2559.2532 | 5.95  | 10.01 | 117.63 | 1.79 | 1.70 |
| 2559.4056 | 4.50  | 8.95  | 110.96 | 1.79 | 1.59 |
| 2559.5580 | 6.86  | 8.82  | 120.45 | 1.89 | 1.52 |
| 2559.7104 | 7.04  | 8.35  | 104.90 | 1.89 | 1.76 |
| 2559.8628 | 3.94  | 6.93  | 115.81 | 1.97 | 1.87 |
| 2560.0152 | 4.20  | 6.81  | 121.26 | 2.03 | 1.82 |
| 2560.1676 | 4.25  | 5.81  | 120.86 | 2.07 | 1.78 |
| 2560.3200 | 3.56  | 5.26  | 119.44 | 2.07 | 1.80 |
| 2560.4724 | 3.93  | 4.73  | 128.54 | 2.17 | 1.90 |
| 2560.6248 | 4.01  | 4.42  | 125.30 | 2.01 | 1.98 |
| 2560.7772 | 3.19  | 4.16  | 127.57 | 2.26 | 1.83 |
| 2560.9296 | 3.04  | 4.04  | 122.88 | 2.36 | 2.02 |
| 2561.0820 | 4.41  | 3.90  | 130.05 | 2.33 | 2.29 |
| 2561.2344 | 6.15  | 3.97  | 128.94 | 2.28 | 2.29 |
| 2561.3868 | 6.68  | 4.24  | 138.23 | 2.24 | 2.16 |
| 2561.5392 | 7.80  | 4.35  | 127.93 | 2.26 | 1.98 |
| 2561.6916 | 11.85 | 4.86  | 128.94 | 2.22 | 1.98 |
| 2561.8440 | 11.57 | 5.23  | 129.14 | 1.94 | 1.92 |
| 2561.9964 | 6.26  | 5.36  | 132.78 | 1.80 | 1.66 |
| 2562.1488 | 4.83  | 5.47  | 128.13 | 1.63 | 1.35 |
| 2562.3012 | 6.26  | 6.41  | 135.81 | 1.67 | 0.90 |
| 2562.4536 | 6.77  | 6.83  | 129.14 | 1.70 | 0.98 |
| 2562.6060 | 4.82  | 6.57  | 161.27 | 2.26 | 1.81 |
| 2562.7584 | 4.88  | 6.45  | 170.06 | 2.77 | 2.97 |
| 2562.9108 | 5.43  | 6.29  | 173.69 | 3.44 | 3.72 |
| 2563.0632 | 4.89  | 5.88  | 171.37 | 3.63 | 3.77 |
| 2563.2156 | 5.74  | 5.65  | 164.60 | 3.85 | 3.55 |
| 2563.3680 | 5.22  | 5.23  | 169.75 | 4.00 | 3.53 |
| 2563.5204 | 4.08  | 5.15  | 163.69 | 3.94 | 3.62 |
| 2563.6728 | 5.00  | 5.27  | 172.99 | 3.82 | 3.57 |
| 2563.8252 | 5.99  | 5.11  | 179.05 | 3.61 | 3.67 |
| 2563.9776 | 5.07  | 5.01  | 178.24 | 3.23 | 3.59 |
| 2564.1300 | 6.09  | 5.35  | 162.88 | 2.79 | 3.01 |
| 2564.2824 | 5.66  | 5.15  | 162.48 | 2.49 | 1.93 |
| 2564.4348 | 4.52  | 5.15  | 146.11 | 2.50 | 1.38 |
| 2564.5872 | 4.49  | 5.06  | 104.90 | 2.36 | 1.44 |
| 2564.7396 | 4.64  | 4.94  | 90.96  | 2.45 | 1.95 |
| 2564.8920 | 5.36  | 5.09  | 97.02  | 2.91 | 2.97 |
| 2565.0444 | 5.54  | 5.27  | 126.11 | 3.26 | 3.78 |
| 2565.1968 | 5.17  | 5.12  | 142.78 | 3.71 | 4.09 |
| 2565.3492 | 5.51  | 5.19  | 170.97 | 4.27 | 4.39 |
| 2565.5016 | 6.21  | 5.32  | 177.03 | 5.08 | 4.27 |
| 2565.6540 | 6.52  | 5.25  | 170.16 | 5.59 | 3.98 |
| 2565.8064 | 7.75  | 5.60  | 183.90 | 5.92 | 4.27 |
| 2565.9588 | 7.30  | 5.76  | 185.69 | 6.15 | 4.66 |
| 2566.1112 | 7.67  | 6.25  | 189.15 | 6.63 | 4.98 |
| 2566.2636 | 7.75  | 6.40  | 174.30 | 6.48 | 5.28 |
| 2566.4160 | 9.59  | 6.96  | 165.87 | 6.94 | 5.45 |
| 2566.5684 | 9.59  | 7.09  | 164.02 | 7.37 | 5.76 |
| 2566.7208 | 9.79  | 7.98  | 168.89 | 7.66 | 6.13 |
| 2566.8732 | 6.36  | 7.34  | 170.62 | 8.36 | 6.03 |
| 2567.0256 | 4.73  | 7.38  | 169.06 | 7.86 | 5.57 |

|           |       |       |         |      |      |
|-----------|-------|-------|---------|------|------|
| 2549.1948 | 9.94  | 10.95 | 96.21   | 0.96 | 0.82 |
| 2549.3472 | 13.86 | 10.82 | 103.08  | 1.03 | 0.92 |
| 2549.4996 | 13.97 | 11.06 | 112.37  | 1.10 | 1.06 |
| 2549.6520 | 12.26 | 10.99 | 103.08  | 1.13 | 1.16 |
| 2549.8044 | 14.69 | 12.08 | 88.77   | 1.19 | 1.07 |
| 2549.9568 | 17.10 | 12.60 | 81.26   | 1.19 | 1.14 |
| 2550.1092 | 18.26 | 12.77 | 77.14   | 1.19 | 1.25 |
| 2550.2616 | 9.21  | 11.55 | 80.45   | 1.13 | 1.25 |
| 2550.4140 | 6.77  | 11.29 | 72.37   | 1.03 | 1.09 |
| 2550.5664 | 7.98  | 11.21 | 74.59   | 0.92 | 0.92 |
| 2550.7188 | 8.79  | 10.97 | 75.20   | 0.84 | 0.76 |
| 2550.8712 | 9.28  | 10.38 | 75.20   | 0.78 | 0.68 |
| 2551.0236 | 9.13  | 10.12 | 77.22   | 0.78 | 0.67 |
| 2551.1760 | 11.39 | 10.25 | 73.98   | 0.76 | 0.71 |
| 2551.3284 | 13.45 | 10.00 | 77.62   | 0.75 | 0.73 |
| 2551.4808 | 10.26 | 9.49  | 75.20   | 0.75 | 0.73 |
| 2551.6332 | 10.67 | 9.27  | 71.56   | 0.77 | 0.76 |
| 2551.7856 | 10.09 | 9.66  | 82.47   | 0.83 | 0.78 |
| 2551.9380 | 9.70  | 10.11 | 72.77   | 0.77 | 0.74 |
| 2552.0904 | 11.89 | 10.50 | 66.71   | 0.76 | 0.75 |
| 2552.2428 | 9.85  | 10.37 | 79.24   | 0.76 | 0.74 |
| 2552.3952 | 8.55  | 10.30 | 77.62   | 0.79 | 0.69 |
| 2552.5476 | 10.70 | 10.73 | 74.79   | 0.80 | 0.73 |
| 2552.7000 | 9.70  | 9.99  | 70.35   | 0.82 | 0.76 |
| 2552.8524 | 8.82  | 9.90  | 71.56   | 0.82 | 0.81 |
| 2553.0048 | 8.59  | 9.62  | 67.52   | 0.85 | 0.76 |
| 2553.1572 | 10.55 | 9.88  | 61.25   | 0.87 | 0.76 |
| 2553.3096 | 17.77 | 10.48 | 72.77   | 0.89 | 0.86 |
| 2553.4620 | 13.84 | 10.52 | 69.13   | 0.92 | 0.87 |
| 2553.6144 | 13.19 | 10.67 | 75.60   | 0.97 | 0.86 |
| 2553.7668 | 18.88 | 11.71 | 69.94   | 0.96 | 1.00 |
| 2553.9192 | 15.72 | 12.04 | 82.47   | 0.93 | 1.05 |
| 2554.0716 | 8.71  | 11.16 | 76.41   | 0.96 | 0.94 |
| 2554.2240 | 6.57  | 10.77 | 78.02   | 0.92 | 0.86 |
| 2554.3764 | 7.10  | 10.51 | 79.44   | 0.91 | 0.82 |
| 2554.5288 | 10.20 | 11.21 | 78.23   | 0.89 | 0.81 |
| 2554.6812 | 11.35 | 10.66 | 80.85   | 0.91 | 0.85 |
| 2554.8336 | 9.53  | 10.11 | 78.23   | 0.85 | 0.78 |
| 2554.9860 | 13.60 | 10.64 | 80.04   | 0.86 | 0.83 |
| 2555.1384 | 16.83 | 10.46 | 84.89   | 0.85 | 0.78 |
| 2555.2908 | 8.38  | 9.32  | 84.09   | 0.85 | 0.77 |
| 2555.4432 | 5.26  | 8.27  | 79.24   | 0.87 | 0.81 |
| 2555.5956 | 3.86  | 7.35  | 80.65   | 0.89 | 0.83 |
| 2555.7480 | 5.12  | 7.71  | 86.71   | 0.92 | 0.84 |
| 2555.9004 | 10.95 | 7.92  | 73.98   | 0.94 | 0.87 |
| 2556.0528 | 8.99  | 7.56  | 90.35   | 0.96 | 0.92 |
| 2556.2052 | 7.54  | 7.40  | 98.23   | 1.00 | 0.89 |
| 2556.3576 | 8.78  | 7.46  | 87.32   | 1.00 | 0.96 |
| 2556.5100 | 10.85 | 7.20  | 84.09   | 1.03 | 1.05 |
| 2556.6624 | 11.59 | 7.17  | 96.41   | 1.01 | 1.01 |
| 2556.8148 | 4.91  | 6.42  | 92.98   | 1.00 | 0.93 |
| 2556.9672 | 4.20  | 6.71  | 86.91   | 0.95 | 0.86 |
| 2557.1196 | 7.21  | 7.59  | 87.32   | 0.97 | 0.87 |
| 2557.2720 | 7.15  | 7.26  | 86.71   | 0.98 | 0.92 |
| 2557.4244 | 9.12  | 7.39  | -999.25 | 1.04 | 0.95 |
| 2557.5768 | 13.78 | 7.69  | 81.56   | 1.06 | 1.05 |
| 2557.7292 | 9.54  | 7.70  | 82.77   | 1.04 | 0.98 |
| 2557.8816 | 9.86  | 7.84  | 88.23   | 1.10 | 0.87 |
| 2558.0340 | 12.75 | 7.87  | 78.83   | 1.17 | 0.85 |

|           |       |       |        |      |         |
|-----------|-------|-------|--------|------|---------|
| 2540.3556 | 12.13 | 7.02  | 155.21 | 3.50 | 3.27    |
| 2540.5080 | 28.51 | 7.72  | 157.63 | 3.47 | 2.73    |
| 2540.6604 | 36.90 | 8.70  | 158.03 | 3.06 | 2.58    |
| 2540.8128 | 34.41 | 10.29 | 161.87 | 2.31 | 2.68    |
| 2540.9652 | 28.80 | 12.09 | 163.09 | 2.61 | -999.25 |
| 2541.1176 | 30.15 | 13.73 | 170.36 | 2.41 | 2.14    |
| 2541.2700 | 29.03 | 15.86 | 175.81 | 2.52 | 1.94    |
| 2541.4224 | 28.52 | 20.63 | 183.09 | 2.14 | 1.83    |
| 2541.5748 | 17.04 | 21.06 | 164.90 | 2.20 | 1.92    |
| 2541.7272 | 16.12 | 25.72 | 187.94 | 2.18 | 1.79    |
| 2541.8796 | 18.90 | 24.05 | 218.24 | 2.22 | 1.62    |
| 2542.0320 | 14.45 | 21.88 | 217.03 | 2.24 | 1.72    |
| 2542.1844 | 14.05 | 19.84 | 294.01 | 2.34 | 2.06    |
| 2542.3368 | 13.73 | 18.36 | 238.55 | 2.29 | 2.39    |
| 2542.4892 | 18.30 | 18.39 | 203.09 | 2.31 | 2.18    |
| 2542.6416 | 21.59 | 17.52 | 192.79 | 2.31 | 2.04    |
| 2542.7940 | 23.27 | 17.83 | 185.92 | 2.19 | 2.61    |
| 2542.9464 | 23.65 | 17.08 | 168.24 | 2.16 | 3.34    |
| 2543.0988 | 17.70 | 17.97 | 140.46 | 1.69 | 2.70    |
| 2543.2512 | 12.51 | 16.10 | 109.54 | 1.33 | 1.27    |
| 2543.4036 | 13.82 | 16.80 | 94.83  | 1.04 | 0.90    |
| 2543.5560 | 23.14 | 17.57 | 92.41  | 0.85 | 0.77    |
| 2543.7084 | 12.75 | 16.40 | 88.41  | 0.85 | 0.74    |
| 2543.8608 | 9.53  | 15.79 | 86.83  | 0.81 | 0.76    |
| 2544.0132 | 15.01 | 15.78 | 83.28  | 0.80 | 0.75    |
| 2544.1656 | 18.79 | 15.45 | 107.02 | 0.79 | 0.76    |
| 2544.3180 | 12.53 | 14.14 | 92.17  | 0.81 | 0.75    |
| 2544.4704 | 9.23  | 12.83 | 95.20  | 0.84 | 0.81    |
| 2544.6228 | 9.59  | 12.45 | 99.44  | 1.02 | 0.85    |
| 2544.7752 | 10.54 | 12.36 | 102.27 | 0.88 | 0.79    |
| 2544.9276 | 14.48 | 12.56 | 103.68 | 0.91 | 0.80    |
| 2545.0800 | 19.30 | 12.10 | 100.05 | 0.95 | 0.86    |
| 2545.2324 | 11.30 | 12.25 | 103.08 | 1.17 | 0.98    |
| 2545.3848 | 11.55 | 12.67 | 101.26 | 1.02 | 0.98    |
| 2545.5372 | 19.27 | 12.71 | 102.27 | 1.04 | 0.90    |
| 2545.6896 | 22.73 | 12.97 | 109.75 | 1.05 | 1.10    |
| 2545.8420 | 12.99 | 12.80 | 117.63 | 1.07 | 1.00    |
| 2545.9944 | 10.05 | 13.27 | 105.50 | 1.02 | 0.97    |
| 2546.1468 | 8.20  | 12.25 | 102.67 | 1.01 | 0.92    |
| 2546.2992 | 9.97  | 13.08 | 95.56  | 1.02 | 0.89    |
| 2546.4516 | 7.57  | 10.61 | 98.23  | 1.09 | 0.91    |
| 2546.6040 | 6.88  | 10.51 | 97.82  | 1.17 | 1.05    |
| 2546.7564 | 14.62 | 11.08 | 104.29 | 1.34 | 1.22    |
| 2546.9088 | 12.54 | 10.66 | 110.96 | 1.49 | 1.51    |
| 2547.0612 | 14.39 | 10.66 | 118.43 | 1.69 | 1.57    |
| 2547.2136 | 9.20  | 9.37  | 116.41 | 1.92 | 1.70    |
| 2547.3660 | 6.76  | 9.26  | 115.81 | 1.68 | 2.08    |
| 2547.5184 | 8.63  | 9.09  | 113.99 | 2.43 | 2.18    |
| 2547.6708 | 11.07 | 9.84  | 115.81 | 2.52 | 2.56    |
| 2547.8232 | 18.99 | 9.95  | 130.56 | 2.64 | 2.97    |
| 2547.9756 | 13.14 | 11.06 | 139.75 | 2.52 | 3.35    |
| 2548.1280 | 11.28 | 11.22 | 145.51 | 1.78 | 3.25    |
| 2548.2804 | 9.42  | 10.20 | 130.96 | 1.75 | 2.24    |
| 2548.4328 | 8.59  | 10.36 | 111.87 | 1.39 | 1.40    |
| 2548.5852 | 12.96 | 10.05 | 102.17 | 1.25 | 1.05    |
| 2548.7376 | 13.77 | 11.20 | 107.93 | 1.04 | 0.83    |
| 2548.8900 | 10.37 | 11.21 | 104.69 | 0.93 | 0.77    |
| 2549.0424 | 8.93  | 11.30 | 90.96  | 0    |         |

|           |       |       |         |      |         |
|-----------|-------|-------|---------|------|---------|
| 2531.3640 | 9.87  | 14.93 | 183.09  | 5.37 | 4.95    |
| 2531.5164 | 9.93  | 13.70 | 168.54  | 5.48 | 5.28    |
| 2531.6688 | 12.34 | 13.90 | 190.36  | 6.07 | -999.25 |
| 2531.8212 | 13.02 | 12.64 | 176.42  | 6.07 | 5.45    |
| 2531.9736 | 11.07 | 12.70 | 178.24  | 6.48 | 5.45    |
| 2532.1260 | 7.99  | 10.84 | 184.30  | 6.63 | 5.45    |
| 2532.2784 | 6.14  | 9.65  | 177.03  | 6.63 | 5.33    |
| 2532.4308 | 4.66  | 7.94  | 192.79  | 6.63 | 5.28    |
| 2532.5832 | 4.59  | 7.65  | 198.85  | 6.20 | 5.11    |
| 2532.7356 | 6.79  | 7.53  | 187.94  | 6.20 | 4.95    |
| 2532.8880 | 7.57  | 7.31  | -999.25 | 5.82 | 4.95    |
| 2533.0404 | 7.58  | 7.19  | 178.85  | 5.59 | 4.73    |
| 2533.1928 | 7.32  | 6.76  | 189.15  | 6.07 | 4.52    |
| 2533.3452 | 7.29  | 6.61  | 189.15  | 5.53 | 4.21    |
| 2533.4976 | 7.82  | 6.43  | 178.85  | 5.82 | 3.98    |
| 2533.6500 | 7.41  | 6.53  | 182.68  | 5.44 | 4.43    |
| 2533.8024 | 8.45  | 6.82  | 190.77  | 5.37 | 4.66    |
| 2533.9548 | 9.29  | 7.59  | 190.36  | 5.37 | 4.66    |
| 2534.1072 | 10.03 | 8.13  | 195.21  | 5.24 | 4.52    |
| 2534.2596 | 9.06  | 8.04  | 186.72  | 5.17 | 4.52    |
| 2534.4120 | 6.96  | 7.98  | 201.27  | 5.05 | 4.43    |
| 2534.5644 | 7.89  | 8.11  | 205.51  | 5.27 | 3.92    |
| 2534.7168 | 8.77  | 8.28  | 295.83  | 5.37 | 3.72    |
| 2534.8692 | 8.65  | 8.40  | 295.83  | 4.81 | 3.67    |
| 2535.0216 | 8.97  | 8.51  | 295.83  | 4.44 | 3.92    |
| 2535.1740 | 7.80  | 8.50  | 295.83  | 3.88 | 3.92    |
| 2535.3264 | 9.52  | 8.71  | 257.04  | 3.46 | 3.87    |
| 2535.4788 | 10.92 | 8.74  | 192.79  | 2.91 | 3.72    |
| 2535.6312 | 7.95  | 8.33  | 185.11  | 2.52 | 3.53    |
| 2535.7836 | 8.22  | 8.57  | 160.66  | 2.01 | 2.77    |
| 2535.9360 | 9.92  | 8.97  | 166.12  | 1.63 | 1.94    |
| 2536.0884 | 8.64  | 8.73  | 111.56  | 1.22 | 1.10    |
| 2536.2408 | 7.84  | 8.76  | 104.29  | 1.12 | 0.91    |
| 2536.3932 | 9.53  | 8.90  | 91.56   | 1.39 | 0.89    |
| 2536.5456 | 9.84  | 8.92  | 90.96   | 1.10 | 0.92    |
| 2536.6980 | 9.16  | 9.21  | 95.80   | 1.09 | 0.99    |
| 2536.8504 | 8.59  | 8.74  | 88.53   | 1.11 | 1.10    |
| 2537.0028 | 7.26  | 8.49  | 97.82   | 1.12 | 1.01    |
| 2537.1552 | 6.94  | 8.47  | 107.62  | 1.12 | 1.15    |
| 2537.3076 | 9.50  | 8.73  | 116.41  | 1.17 | 1.03    |
| 2537.4600 | 13.96 | 8.91  | 103.08  | 1.25 | 1.02    |
| 2537.6124 | 14.42 | 9.50  | 134.60  | 1.40 | 1.35    |
| 2537.7648 | 11.77 | 9.64  | 138.84  | 1.59 | 1.41    |
| 2537.9172 | 8.92  | 9.37  | 160.05  | 1.71 | 1.64    |
| 2538.0696 | 7.83  | 9.18  | 155.81  | 1.82 | 1.67    |
| 2538.2220 | 10.30 | 9.59  | 169.75  | 1.95 | 1.85    |
| 2538.3744 | 11.71 | 9.73  | 153.27  | 2.01 | 1.96    |
| 2538.5268 | 8.61  | 10.00 | 157.83  | 2.25 | 1.82    |
| 2538.6792 | 8.23  | 10.18 | 143.69  | 2.55 | 1.90    |
| 2538.8316 | 10.13 | 10.13 | 141.26  | 2.84 | 2.70    |
| 2538.9840 | 8.47  | 9.30  | 153.19  | 2.09 | 3.23    |
| 2539.1364 | 6.08  | 8.50  | 158.03  | 1.78 | 3.53    |
| 2539.2888 | 5.23  | 7.76  | 150.36  | 3.71 | 3.72    |
| 2539.4412 | 5.11  | 7.44  | 165.51  | 4.13 | 4.03    |
| 2539.5936 | 6.46  | 7.45  | 161.87  | 4.41 | 4.21    |
| 2539.7460 | 7.53  | 7.06  | 147.41  | 4.34 | 4.27    |
| 2539.8984 | 6.38  | 6.73  | 165.71  | 4.49 | 4.66    |
| 2540.0508 | 7.33  | 6.87  | 147.53  | 4.41 | 4.66    |
| 2540.2032 | 9.09  | 6.84  | 157.63  | 4.04 | 4.15    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2522.3724 | 9.88  | 17.37 | 86.41   | 0.81    | 0.81    |
| 2522.5248 | 14.02 | 17.32 | 86.91   | 0.80    | 0.72    |
| 2522.6772 | 18.09 | 16.39 | 80.04   | 0.80    | 0.72    |
| 2522.8296 | 16.67 | 15.72 | 79.24   | 0.83    | 0.79    |
| 2522.9820 | 19.53 | 15.43 | 95.00   | 0.83    | 0.85    |
| 2523.1344 | 16.93 | 14.95 | 95.80   | 0.81    | 0.78    |
| 2523.2868 | 14.27 | 14.24 | 87.32   | 0.77    | 0.69    |
| 2523.4392 | 19.25 | 14.95 | 78.83   | 0.77    | 0.69    |
| 2523.5916 | 20.15 | 15.27 | -999.25 | 0.78    | 0.71    |
| 2523.7440 | 17.70 | 16.73 | 83.68   | 0.80    | 0.76    |
| 2523.8964 | 17.38 | 17.62 | 86.11   | 0.81    | 0.79    |
| 2524.0488 | 16.38 | 17.33 | -999.25 | 0.83    | 0.78    |
| 2524.2012 | 15.39 | 17.04 | 94.59   | 0.84    | 0.77    |
| 2524.3536 | 15.79 | 17.13 | 95.80   | 0.86    | 0.80    |
| 2524.5060 | 15.29 | 16.25 | 97.62   | 0.88    | 0.87    |
| 2524.6584 | 14.43 | 16.55 | -999.25 | 0.90    | 0.85    |
| 2524.8108 | 15.68 | 16.59 | 86.71   | 0.91    | 0.84    |
| 2524.9632 | 17.55 | 16.28 | 106.71  | 0.91    | 0.90    |
| 2525.1156 | 17.10 | 16.12 | 103.68  | 0.94    | 0.88    |
| 2525.2680 | 14.65 | 15.68 | 106.71  | 0.97    | 0.89    |
| 2525.4204 | 15.51 | 15.77 | 120.05  | 0.97    | 0.98    |
| 2525.5728 | 15.99 | 15.61 | 104.29  | 0.97    | 1.03    |
| 2525.7252 | 16.61 | 16.01 | -999.25 | 0.94    | 0.95    |
| 2525.8776 | 15.64 | 15.58 | 105.50  | 0.89    | 0.84    |
| 2526.0300 | 12.96 | 15.43 | 110.96  | 0.86    | 0.81    |
| 2526.1824 | 10.16 | 14.28 | 99.44   | 0.85    | 0.80    |
| 2526.3348 | 8.78  | 13.36 | 103.08  | 0.84    | 0.80    |
| 2526.4872 | 11.21 | 13.08 | 93.38   | 0.80    | -999.25 |
| 2526.6396 | 15.93 | 13.21 | 89.74   | -999.25 | 0.78    |
| 2526.7920 | 18.66 | 13.60 | 93.38   | -999.25 | -999.25 |
| 2526.9444 | 10.55 | 12.23 | 78.23   | 0.88    | 0.77    |
| 2527.0968 | 8.60  | 11.86 | 76.41   | 0.94    | 0.79    |
| 2527.2492 | 11.51 | 11.48 | 81.26   | 1.02    | -999.25 |
| 2527.4016 | 12.64 | 11.45 | 73.38   | -999.25 | 0.85    |
| 2527.5540 | 14.93 | 11.76 | 69.13   | 1.11    | 0.87    |
| 2527.7064 | 16.37 | 12.52 | 81.86   | 1.32    | 1.03    |
| 2527.8588 | 16.98 | 13.50 | 76.41   | 1.82    | -999.25 |
| 2528.0112 | 16.52 | 13.49 | 87.32   | 2.47    | 2.16    |
| 2528.1636 | 9.32  | 12.05 | 127.32  | 3.14    | 3.53    |
| 2528.3160 | 8.50  | 11.50 | 169.75  | 3.50    | 4.03    |
| 2528.4684 | 10.29 | 11.98 | 167.33  | 4.20    | 4.39    |
| 2528.6208 | 13.48 | 12.74 | 170.97  | 4.81    | 4.80    |
| 2528.7732 | 17.60 | 12.91 | 161.27  | 5.37    | 5.28    |
| 2528.9256 | 14.91 | 13.14 | 179.05  | 6.34    | 5.63    |
| 2529.0780 | 17.22 | 13.22 | 174.60  | 6.63    | 5.63    |
| 2529.2304 | 18.89 | 13.43 | 172.18  | 6.63    | 5.82    |
| 2529.3828 | 12.73 | 12.57 | 174.84  | 6.63    | 5.63    |
| 2529.5352 | 11.22 | 12.47 | 155.21  | 6.63    | 5.63    |
| 2529.6876 | 13.63 | 13.74 | 179.45  | 4.00    | 3.92    |
| 2529.8400 | 13.34 | 13.95 | 177.03  | 6.48    | 5.45    |
| 2529.9924 | 15.35 | 15.06 | 155.21  | 5.94    | 5.45    |
| 2530.1448 | 17.77 | 14.69 | 169.75  | 5.82    | 5.36    |
| 2530.2972 | 21.67 | 15.56 | 161.87  | 5.82    | 5.28    |
| 2530.4496 | 17.76 | 15.17 | 169.75  | 5.37    | 5.11    |
| 2530.6020 | 16.84 | 15.50 | 161.87  | 5.17    | 5.03    |
| 2530.7544 | 25.98 | 15.86 | 185.51  | 4.49    | 4.59    |
| 2530.9068 | 21.60 | 17.22 | 160.66  | 4.49    | 3.06    |
| 2531.0592 | 12.13 | 16.21 | 169.15  | 4.49    | -999.25 |
| 2531.2116 | 8.90  | 15.18 | 168.94  | 4.98    | 4.27    |

|           |       |       |        |         |         |
|-----------|-------|-------|--------|---------|---------|
| 2513.3808 | 12.72 | 10.72 | 168.54 | 2.68    | 2.30    |
| 2513.5332 | 20.04 | 10.97 | 146.72 | -999.25 | 2.32    |
| 2513.6856 | 17.78 | 11.06 | 177.03 | 2.67    | 2.32    |
| 2513.8380 | 17.38 | 11.82 | 179.45 | 2.91    | 2.30    |
| 2513.9904 | 12.90 | 11.88 | 178.64 | 2.91    | 2.97    |
| 2514.1428 | 11.89 | 12.12 | 186.72 | 2.91    | 3.23    |
| 2514.2952 | 16.86 | 12.60 | 181.07 | 2.84    | 3.29    |
| 2514.4476 | 16.68 | 14.87 | 180.06 | 2.61    | 2.80    |
| 2514.6000 | 16.24 | 15.00 | 163.69 | 2.36    | 2.53    |
| 2514.7524 | 12.45 | 15.07 | 167.93 | 2.04    | 2.20    |
| 2514.9048 | 9.49  | 13.89 | 146.11 | 1.74    | 1.94    |
| 2515.0572 | 11.22 | 13.47 | 137.83 | 1.51    | 1.45    |
| 2515.2096 | 11.16 | 12.71 | 127.93 | 1.33    | 1.26    |
| 2515.3620 | 10.87 | 12.33 | 116.21 | 1.16    | 1.16    |
| 2515.5144 | 14.50 | 12.99 | 101.06 | 1.09    | 0.98    |
| 2515.6668 | 14.41 | 12.80 | 98.63  | 1.02    | 0.89    |
| 2515.8192 | 12.14 | 12.26 | 91.76  | 1.01    | 0.89    |
| 2515.9716 | 15.37 | 12.63 | 94.59  | 0.99    | 0.88    |
| 2516.1240 | 10.15 | 11.24 | 95.40  | 1.04    | 0.94    |
| 2516.2764 | 7.48  | 11.13 | 95.50  | 1.07    | 1.07    |
| 2516.4288 | 7.44  | 10.55 | 112.78 | 1.00    | 1.14    |
| 2516.5812 | 8.13  | 10.35 | 110.35 | 0.90    | 1.23    |
| 2516.7336 | 10.27 | 10.38 | 109.95 | 0.80    | 0.84    |
| 2516.8860 | 7.30  | 9.47  | 90.96  | 0.73    | -999.25 |
| 2517.0384 | 6.44  | 8.80  | 82.47  | 0.69    | 0.64    |
| 2517.1908 | 7.52  | 8.45  | 75.20  | 0.69    | 0.64    |
| 2517.3432 | 8.29  | 8.25  | 78.43  | 0.70    | 0.64    |
| 2517.4956 | 8.31  | 7.73  | 79.44  | 0.71    | 0.67    |
| 2517.6480 | 9.75  | 8.19  | 77.62  | 0.73    | 0.68    |
| 2517.8004 | 9.37  | 8.06  | 77.62  | 0.77    | 0.73    |
| 2517.9528 | 10.79 | 8.79  | 76.81  | 0.77    | 0.76    |
| 2518.1052 | 9.03  | 8.23  | 83.68  | 0.80    | 0.75    |
| 2518.2576 | 6.72  | 8.06  | 83.68  | 0.80    | 0.74    |
| 2518.4100 | 8.92  | 8.58  | 81.26  | 0.80    | 0.76    |
| 2518.5624 | 11.41 | 9.05  | 82.47  | 0.80    | 0.78    |
| 2518.7148 | 10.53 | 9.18  | 77.22  | 0.81    | 0.78    |
| 2518.8672 | 9.31  | 9.28  | 88.53  | 0.81    | 0.79    |
| 2519.0196 | 11.14 | 9.72  | 79.64  | 0.81    | 0.77    |
| 2519.1720 | 11.39 | 9.54  | 79.44  | 0.81    | 0.78    |
| 2519.3244 | 9.28  | 9.70  | 83.28  | 0.82    | 0.79    |
| 2519.4768 | 13.28 | 9.86  | 83.68  | 0.81    | 0.79    |
| 2519.6292 | 16.37 | 10.74 | 81.86  | 0.81    | 0.78    |
| 2519.7816 | 17.49 | 12.04 | 82.47  | 0.81    | 0.78    |
| 2519.9340 | 22.65 | 12.57 | 74.59  | 0.81    | 0.79    |
| 2520.0864 | 18.44 | 13.09 | 84.29  | 0.80    | 0.78    |
| 2520.2388 | 21.73 | 14.34 | 86.11  | 0.80    | 0.74    |
| 2520.3912 | 18.94 | 15.28 | 77.01  | 0.80    | 0.76    |
| 2520.5436 | 12.96 | 14.87 | 81.86  | 0.82    | 0.81    |
| 2520.6960 | 14.26 | 16.15 | 87.32  | 0.82    | 0.81    |
| 2520.8484 | 14.84 | 16.90 | 81.66  | 0.82    | 0.79    |
| 2521.0008 | 14.78 | 16.56 | 82.87  | 0.82    | 0.78    |
| 2521.1532 | 26.30 | 18.33 | 81.26  | 0.82    | 0.78    |
| 2521.3056 | 32.77 | 18.16 | 85.70  | 0.82    | 0.79    |
| 2521.4580 | 31.03 | 19.17 | 78.83  | -999.25 | 0.77    |
| 2521.6104 | 23.43 | 18.96 | 84.89  | 0.81    | 0.76    |
| 2521.7628 | 23.21 | 19.39 | 78.83  | 0.82    | 0.79    |
| 2521.9152 | 19.22 | 19.01 | 87.92  | 0.84    | 0.83    |
| 2522.0676 | 13.65 | 19.69 | 85.20  | 0.84    | 0.81    |
| 2522.2200 | 10.85 | 17.54 | 85.80  | 0.83    | 0.82    |



|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2504.3892 | 10.41 | 7.93  | 144.30  | 3.06    | 2.85    |
| 2504.5416 | 10.03 | 8.48  | 155.81  | 2.91    | 3.11    |
| 2504.6940 | 8.11  | 8.52  | -999.25 | 2.84    | 2.77    |
| 2504.8464 | 6.22  | 8.18  | 142.48  | 2.82    | 2.08    |
| 2504.9988 | 6.80  | 8.33  | 123.69  | 2.91    | 1.98    |
| 2505.1512 | 8.43  | 8.63  | 123.08  | 2.98    | 2.37    |
| 2505.3036 | 7.43  | 8.33  | 133.38  | 3.26    | 3.15    |
| 2505.4560 | 7.04  | 7.96  | 138.23  | 3.61    | 3.53    |
| 2505.6084 | 10.23 | 8.35  | 133.38  | 3.61    | 4.03    |
| 2505.7608 | 15.76 | 8.55  | 145.51  | 3.61    | 4.15    |
| 2505.9132 | 14.14 | 8.72  | 152.78  | 3.50    | 4.52    |
| 2506.0656 | 12.74 | 8.88  | 172.78  | 3.10    | 4.52    |
| 2506.2180 | 12.30 | 9.41  | 166.12  | -999.25 | 3.72    |
| 2506.3704 | 10.02 | 9.95  | 147.93  | 2.52    | 2.77    |
| 2506.5228 | 7.99  | 9.81  | 141.87  | 2.31    | 2.23    |
| 2506.6752 | 6.46  | 9.29  | 141.87  | 2.02    | 1.83    |
| 2506.8276 | 5.25  | 8.84  | 134.60  | 1.89    | 1.65    |
| 2506.9800 | 5.84  | 8.81  | 126.11  | 1.71    | 1.59    |
| 2507.1324 | 6.59  | 8.07  | 137.02  | 1.61    | -999.25 |
| 2507.2848 | 6.32  | 7.55  | 126.72  | -999.25 | 1.23    |
| 2507.4372 | 7.64  | 7.36  | 141.87  | 1.70    | -999.25 |
| 2507.5896 | 10.56 | 7.37  | 140.66  | 1.79    | 1.60    |
| 2507.7420 | 8.26  | 6.95  | 137.02  | 1.82    | 1.67    |
| 2507.8944 | 7.58  | 7.03  | 134.60  | 1.82    | -999.25 |
| 2508.0468 | 8.13  | 6.97  | 133.38  | 2.11    | 1.89    |
| 2508.1992 | 8.40  | 7.40  | 136.42  | 1.93    | 1.82    |
| 2508.3516 | 10.78 | 8.07  | 143.08  | 1.97    | 1.86    |
| 2508.5040 | 11.01 | 8.41  | 138.23  | 1.97    | 1.74    |
| 2508.6564 | 9.71  | 8.76  | 123.69  | 2.13    | 1.80    |
| 2508.8088 | 9.84  | 9.29  | 107.93  | 2.13    | 1.94    |
| 2508.9612 | 10.81 | 9.39  | 133.99  | 2.22    | 2.10    |
| 2509.1136 | 9.65  | 9.14  | 84.49   | 2.31    | 2.18    |
| 2509.2660 | 7.59  | 9.21  | 140.66  | 2.36    | 2.18    |
| 2509.4184 | 7.89  | 9.23  | 133.38  | 2.41    | 2.23    |
| 2509.5708 | 8.73  | 9.35  | 132.17  | 2.52    | 2.37    |
| 2509.7232 | 7.87  | 9.09  | -999.25 | 2.52    | 2.47    |
| 2509.8756 | 5.23  | 7.90  | 132.58  | 2.61    | 2.47    |
| 2510.0280 | 5.58  | 7.83  | 136.21  | 2.71    | 2.37    |
| 2510.1804 | 8.25  | 7.68  | 141.26  | 2.84    | 2.27    |
| 2510.3328 | 6.55  | 7.25  | 126.11  | 2.77    | 2.42    |
| 2510.4852 | 6.38  | 6.99  | 134.60  | 2.91    | 2.47    |
| 2510.6376 | 8.76  | 7.15  | 149.14  | 3.02    | 2.70    |
| 2510.7900 | 6.55  | 6.79  | 139.45  | 3.14    | 2.80    |
| 2510.9424 | 6.45  | 6.87  | 141.87  | 3.14    | 3.04    |
| 2511.0948 | 9.71  | 6.90  | 142.48  | 3.31    | 3.04    |
| 2511.2472 | 10.84 | 7.21  | 148.54  | 3.31    | 3.11    |
| 2511.3996 | 12.31 | 8.13  | 167.33  | 3.50    | 3.00    |
| 2511.5520 | 11.99 | 8.37  | 150.96  | -999.25 | 3.11    |
| 2511.7044 | 12.90 | 8.75  | 164.90  | 3.46    | 3.11    |
| 2511.8568 | 12.68 | 9.55  | 152.78  | 3.61    | 3.04    |
| 2512.0092 | 14.15 | 10.30 | 150.96  | 3.55    | 3.39    |
| 2512.1616 | 14.18 | 10.41 | 164.90  | 3.31    | 3.31    |
| 2512.3140 | 11.11 | 11.84 | 164.30  | 3.41    | 2.97    |
| 2512.4664 | 9.20  | 11.53 | 147.93  | 3.31    | 2.72    |
| 2512.6188 | 10.54 | 12.07 | 145.51  | 3.10    | 2.97    |
| 2512.7712 | 12.02 | 11.77 | 163.69  | 3.14    | 3.19    |
| 2512.9236 | 7.35  | 10.66 | 173.39  | 2.91    | 2.47    |
| 2513.0760 | 7.98  | 10.72 | 162.48  | 2.86    | 2.30    |
| 2513.2284 | 11.80 | 10.50 | 160.05  | 2.67    | 2.27    |

|           |       |       |         |      |       |
|-----------|-------|-------|---------|------|-------|
| 2495.3976 | 22.01 | 16.51 | 100.05  | 0.76 | 0.70  |
| 2495.5500 | 17.46 | 16.53 | 89.14   | 0.78 | 0.72  |
| 2495.7024 | 11.39 | 15.06 | 82.47   | 0.78 | 0.74  |
| 2495.8548 | 10.44 | 14.64 | 92.89   | 0.76 | 0.75  |
| 2496.0072 | 13.27 | 14.02 | 93.38   | 0.77 | 0.68  |
| 2496.1596 | 11.04 | 12.94 | 87.92   | 0.80 | 0.63  |
| 2496.3120 | 8.73  | 13.25 | 84.89   | 0.84 | 0.70  |
| 2496.4644 | 11.61 | 13.43 | 93.38   | 0.84 | 0.90  |
| 2496.6168 | 18.43 | 13.25 | 87.32   | 0.88 | 0.88  |
| 2496.7692 | 15.68 | 12.71 | 90.96   | 0.96 | 0.76  |
| 2496.9216 | 11.58 | 11.95 | 80.04   | 1.03 | 0.88  |
| 2497.0740 | 8.34  | 10.96 | 86.11   | 1.14 | 0.98  |
| 2497.2264 | 7.20  | 10.65 | 77.01   | 1.30 | 1.13  |
| 2497.3788 | 9.25  | 10.67 | 76.41   | 1.46 | 1.39  |
| 2497.5312 | 11.16 | 10.34 | 87.32   | 1.69 | 1.59  |
| 2497.6836 | 8.06  | 9.96  | 86.51   | 1.97 | 1.74  |
| 2497.8360 | 7.63  | 10.00 | 86.71   | 2.26 | 2.08  |
| 2497.9884 | 8.91  | 9.47  | 98.23   | 2.67 | 2.97  |
| 2498.1408 | 8.88  | 8.95  | 112.78  | 3.23 | 3.44  |
| 2498.2932 | 9.68  | 8.81  | 134.60  | 3.06 | 3.82  |
| 2498.4456 | 9.03  | 8.58  | 147.93  | 2.93 | 3.72  |
| 2498.5980 | 7.65  | 8.64  | 154.80  | 2.64 | 4.27  |
| 2498.7504 | 8.96  | 9.00  | 129.75  | 2.39 | 4.03  |
| 2498.9028 | 10.11 | 8.78  | 125.50  | 1.78 | 3.11  |
| 2499.0552 | 9.39  | 8.73  | 153.19  | 1.42 | 1.18  |
| 2499.2076 | 8.01  | 8.77  | 126.52  | 1.23 | 0.82  |
| 2499.3600 | 7.32  | 8.65  | 102.67  | 1.24 | 0.98  |
| 2499.5124 | 6.58  | 8.20  | 104.90  | 1.31 | 1.21  |
| 2499.6648 | 5.55  | 7.74  | 123.69  | 1.38 | 1.54  |
| 2499.8172 | 7.90  | 7.90  | 142.78  | 1.42 | 1.33  |
| 2499.9696 | 7.03  | 7.38  | 142.68  | 1.52 | 1.23  |
| 2500.1220 | 4.48  | 6.89  | 145.10  | 1.67 | 1.41  |
| 2500.2744 | 5.52  | 6.70  | 151.57  | 2.07 | 1.80  |
| 2500.4268 | 5.05  | 6.06  | 154.40  | 2.58 | 2.30  |
| 2500.5792 | 5.14  | 5.99  | 164.30  | 2.81 | 3.35  |
| 2500.7316 | 9.54  | 6.21  | 167.93  | 2.26 | 3.48  |
| 2500.8840 | 6.26  | 5.83  | 144.90  | 3.55 | 2.83  |
| 2501.0364 | 5.09  | 5.89  | 128.13  | 3.88 | 2.90  |
| 2501.1888 | 5.81  | 5.88  | 131.36  | 4.64 | 3.35  |
| 2501.3412 | 6.53  | 5.71  | 128.54  | 5.70 | 4.52  |
| 2501.4936 | 5.23  | 5.56  | 113.99  | 6.34 | 8.25  |
| 2501.6460 | 4.59  | 5.74  | 87.92   | 6.94 | 12.05 |
| 2501.7984 | 5.63  | 5.59  | 76.41   | 7.86 | 13.10 |
| 2501.9508 | 5.38  | 5.83  | 70.35   | 8.52 | 13.15 |
| 2502.1032 | 6.71  | 5.89  | 96.41   | 4.07 | 5.17  |
| 2502.2556 | 6.81  | 5.56  | 133.99  | 9.02 | 9.04  |
| 2502.4080 | 5.21  | 5.67  | 172.18  | 8.29 | 7.92  |
| 2502.5604 | 5.72  | 5.69  | 168.54  | 7.66 | 6.96  |
| 2502.7128 | 7.70  | 5.96  | 153.99  | 6.53 | 6.35  |
| 2502.8652 | 7.34  | 5.80  | 175.81  | 5.94 | 5.69  |
| 2503.0176 | 5.68  | 6.06  | 156.42  | 5.32 | 4.88  |
| 2503.1700 | 6.00  | 6.17  | 141.87  | 4.72 | 3.87  |
| 2503.3224 | 7.18  | 6.36  | 144.30  | 4.24 | 2.99  |
| 2503.4748 | 7.50  | 6.60  | 140.66  | 4.11 | 3.75  |
| 2503.6272 | 6.65  | 6.35  | 136.42  | 3.94 | 4.15  |
| 2503.7796 | 7.44  | 6.71  | 147.93  | 3.71 | 4.03  |
| 2503.9320 | 10.70 | 7.26  | 157.63  | 3.57 | 3.35  |
| 2504.0844 | 10.04 | 7.46  | 143.08  | 3.23 | 2.97  |
| 2504.2368 | 9.33  | 7.50  | -999.25 | 3.14 | 2.73  |

|           |       |       |        |      |      |
|-----------|-------|-------|--------|------|------|
| 2486.4060 | 14.76 | 11.47 | 92.17  | 0.83 | 0.71 |
| 2486.5584 | 10.16 | 10.45 | 91.86  | 0.81 | 0.71 |
| 2486.7108 | 10.20 | 10.69 | 87.92  | 0.85 | 0.71 |
| 2486.8632 | 11.82 | 10.99 | 88.93  | 1.64 | 0.74 |
| 2487.0156 | 12.10 | 11.82 | 89.74  | 0.88 | 0.81 |
| 2487.1680 | 17.66 | 11.74 | 94.19  | 0.93 | 0.81 |
| 2487.3204 | 11.26 | 10.77 | 91.56  | 1.04 | 0.88 |
| 2487.4728 | 8.13  | 10.85 | 89.74  | 1.13 | 1.13 |
| 2487.6252 | 8.85  | 11.10 | 101.87 | 1.22 | 1.30 |
| 2487.7776 | 9.24  | 10.62 | 107.02 | 1.12 | 1.15 |
| 2487.9300 | 7.98  | 9.85  | 118.84 | 1.31 | 1.28 |
| 2488.0824 | 9.79  | 10.54 | 106.11 | 1.31 | 1.33 |
| 2488.2348 | 8.01  | 9.35  | 104.69 | 1.29 | 1.40 |
| 2488.3872 | 5.91  | 8.94  | 109.95 | 1.23 | 1.28 |
| 2488.5396 | 7.44  | 8.53  | 112.78 | 1.21 | 1.15 |
| 2488.6920 | 6.79  | 7.69  | 106.71 | 1.14 | 1.06 |
| 2488.8444 | 7.53  | 7.93  | 99.44  | 1.08 | 1.02 |
| 2488.9968 | 8.62  | 7.78  | 104.90 | 1.04 | 0.98 |
| 2489.1492 | 5.38  | 7.11  | 98.23  | 1.01 | 0.91 |
| 2489.3016 | 4.83  | 6.74  | 102.27 | 0.97 | 0.92 |
| 2489.4540 | 7.68  | 7.06  | 101.26 | 0.95 | 0.90 |
| 2489.6064 | 8.71  | 6.63  | 108.53 | 0.91 | 0.87 |
| 2489.7588 | 6.59  | 6.80  | 99.68  | 0.87 | 0.84 |
| 2489.9112 | 9.12  | 7.19  | 96.21  | 0.83 | 0.79 |
| 2490.0636 | 11.87 | 7.30  | 94.29  | 0.82 | 0.74 |
| 2490.2160 | 13.60 | 8.05  | 97.62  | 0.80 | 0.74 |
| 2490.3684 | 17.97 | 8.23  | 103.08 | 0.80 | 0.76 |
| 2490.5208 | 11.71 | 8.46  | 94.59  | 0.81 | 0.75 |
| 2490.6732 | 11.07 | 9.76  | 104.90 | 0.82 | 0.73 |
| 2490.8256 | 15.90 | 11.20 | 92.17  | 0.84 | 0.74 |
| 2490.9780 | 12.54 | 10.83 | 99.74  | 0.86 | 0.80 |
| 2491.1304 | 10.16 | 11.63 | 94.59  | 0.93 | 0.85 |
| 2491.2828 | 6.00  | 10.49 | 92.17  | 1.00 | 0.98 |
| 2491.4352 | 4.81  | 9.47  | 88.53  | 1.04 | 1.07 |
| 2491.5876 | 6.65  | 9.21  | 99.44  | 1.08 | 1.07 |
| 2491.7400 | 7.78  | 8.57  | 103.08 | 1.15 | 1.05 |
| 2491.8924 | 10.09 | 8.53  | 111.56 | 1.15 | 1.04 |
| 2492.0448 | 12.57 | 8.66  | 106.11 | 1.20 | 1.20 |
| 2492.1972 | 8.45  | 8.14  | 102.47 | 1.22 | 1.30 |
| 2492.3496 | 8.81  | 7.96  | 104.29 | 1.20 | 1.23 |
| 2492.5020 | 7.29  | 7.44  | 110.96 | 1.17 | 1.11 |
| 2492.6544 | 5.60  | 7.06  | 97.02  | 1.11 | 1.07 |
| 2492.8068 | 9.10  | 8.13  | 100.45 | 1.08 | 1.03 |
| 2492.9592 | 14.46 | 8.78  | 101.87 | 1.08 | 0.97 |
| 2493.1116 | 10.72 | 8.96  | 102.47 | 1.08 | 1.01 |
| 2493.2640 | 13.08 | 9.67  | 98.23  | 1.05 | 0.99 |
| 2493.4164 | 13.15 | 9.35  | 104.29 | 1.04 | 0.99 |
| 2493.5688 | 12.29 | 9.63  | 98.23  | 1.06 | 1.01 |
| 2493.7212 | 16.84 | 10.51 | 103.89 | 1.06 | 1.02 |
| 2493.8736 | 15.18 | 10.60 | 110.96 | 1.07 | 1.11 |
| 2494.0260 | 13.74 | 12.16 | 109.95 | 1.07 | 1.06 |
| 2494.1784 | 17.07 | 14.23 | 106.71 | 1.12 | 1.00 |
| 2494.3308 | 17.63 | 13.96 | 101.26 | 1.03 | 1.08 |
| 2494.4832 | 19.73 | 15.02 | 101.26 | 1.01 | 1.02 |
| 2494.6356 | 21.87 | 16.10 | 93.38  | 0.96 | 0.87 |
| 2494.7880 | 10.66 | 14.27 | 98.23  | 0.94 | 0.89 |
| 2494.9404 | 9.98  | 14.94 | 97.02  | 0.92 | 0.92 |
| 2495.0928 | 18.43 | 15.47 | 98.23  | 0.84 | 0.82 |
| 2495.2452 | 23.51 | 15.73 | 102.47 | 0.79 | 0.71 |

|           |       |       |        |         |      |
|-----------|-------|-------|--------|---------|------|
| 2477.4144 | 7.68  | 5.76  | 118.84 | 1.32    | 1.26 |
| 2477.5668 | 11.98 | 6.25  | 120.05 | 1.29    | 1.35 |
| 2477.7192 | 12.01 | 6.67  | 136.21 | 1.22    | 1.43 |
| 2477.8716 | 14.94 | 7.64  | 118.84 | 1.08    | 1.04 |
| 2478.0240 | 15.26 | 8.17  | 115.20 | 0.94    | 0.76 |
| 2478.1764 | 17.78 | 8.98  | 92.17  | 0.84    | 0.75 |
| 2478.3288 | 21.06 | 9.86  | 95.80  | 0.86    | 0.71 |
| 2478.4812 | 21.55 | 11.80 | 93.99  | 0.91    | 0.79 |
| 2478.6336 | 21.34 | 13.39 | 110.96 | 0.96    | 0.94 |
| 2478.7860 | 13.52 | 15.29 | 105.50 | 1.00    | 1.05 |
| 2478.9384 | 10.36 | 14.72 | 118.84 | 0.95    | 0.99 |
| 2479.0908 | 8.69  | 13.94 | 106.31 | 0.95    | 0.85 |
| 2479.2432 | 6.09  | 11.89 | 110.96 | 0.94    | 0.80 |
| 2479.3956 | 5.69  | 10.70 | 92.77  | 1.00    | 1.02 |
| 2479.5480 | 7.56  | 10.26 | 84.89  | 1.01    | 1.17 |
| 2479.7004 | 10.79 | 9.92  | 93.38  | 0.94    | 1.01 |
| 2479.8528 | 9.83  | 9.23  | 85.50  | 0.90    | 0.90 |
| 2480.0052 | 7.88  | 8.55  | 79.64  | 0.95    | 0.80 |
| 2480.1576 | 8.06  | 8.08  | 84.09  | 0.98    | 0.77 |
| 2480.3100 | 13.40 | 8.54  | 79.44  | 1.05    | 0.98 |
| 2480.4624 | 22.58 | 8.83  | 86.11  | 1.33    | 1.19 |
| 2480.6148 | 13.23 | 9.16  | 79.44  | 1.59    | 1.23 |
| 2480.7672 | 10.27 | 10.01 | 89.14  | 1.86    | 1.63 |
| 2480.9196 | 11.22 | 10.89 | 88.53  | 2.04    | 2.20 |
| 2481.0720 | 14.25 | 11.43 | 107.32 | 2.64    | 3.44 |
| 2481.2244 | 15.08 | 11.56 | 145.10 | 2.91    | 4.66 |
| 2481.3768 | 15.97 | 12.55 | 144.30 | -999.25 | 6.24 |
| 2481.5292 | 8.68  | 11.88 | 126.11 | 2.84    | 6.47 |
| 2481.6816 | 7.98  | 12.51 | 113.99 | 2.47    | 4.73 |
| 2481.8340 | 10.62 | 11.35 | 141.87 | 2.31    | 2.16 |
| 2481.9864 | 8.60  | 10.60 | 127.73 | 1.97    | 1.40 |
| 2482.1388 | 8.97  | 10.50 | 102.67 | 1.68    | 1.25 |
| 2482.2912 | 13.03 | 11.09 | 121.26 | 1.64    | 1.14 |
| 2482.4436 | 21.80 | 11.55 | 137.02 | 2.50    | 1.22 |
| 2482.5960 | 25.10 | 11.88 | 135.81 | 1.93    | 1.55 |
| 2482.7484 | 14.76 | 11.51 | 132.78 | 2.17    | 1.80 |
| 2482.9008 | 14.82 | 11.75 | 131.69 | 2.61    | 2.56 |
| 2483.0532 | 14.16 | 12.83 | 151.87 | 2.36    | 2.90 |
| 2483.2056 | 10.46 | 12.63 | 187.94 | 3.68    | 3.35 |
| 2483.3580 | 16.16 | 13.98 | 181.67 | 4.44    | 3.72 |
| 2483.5104 | 16.06 | 14.62 | 188.54 | 5.27    | 5.19 |
| 2483.6628 | 13.21 | 15.53 | 190.36 | 5.59    | 6.71 |
| 2483.8152 | 9.52  | 13.51 | 176.42 | 6.73    | 6.96 |
| 2483.9676 | 8.80  | 12.83 | 175.81 | 7.16    | 6.54 |
| 2484.1200 | 10.65 | 11.78 | 174.00 | 7.28    | 6.47 |
| 2484.2724 | 11.40 | 12.21 | 168.94 | 6.94    | 6.47 |
| 2484.4248 | 15.14 | 11.83 | 184.30 | 6.07    | 6.47 |
| 2484.5772 | 13.07 | 12.04 | 181.47 | 6.43    | 6.31 |
| 2484.7296 | 9.08  | 11.43 | 175.33 | 5.30    | 5.73 |
| 2484.8820 | 7.65  | 10.33 | 179.45 | 4.56    | 5.11 |
| 2485.0344 | 11.37 | 10.80 | 189.76 | 3.77    | 4.48 |
| 2485.1868 | 15.13 | 10.54 | 175.61 | 3.14    | 3.82 |
| 2485.3392 | 9.24  | 10.72 | 174.60 | 2.64    | 3.32 |
| 2485.4916 | 7.86  | 10.24 | 180.36 | 2.13    | 2.39 |
| 2485.6440 | 11.68 | 10.92 | 179.45 | 1.67    | 1.67 |
| 2485.7964 | 20.98 | 11.16 | 167.63 | 1.31    | 1.21 |
| 2485.9488 | 11.34 | 10.41 | 131.26 | 1.04    | 0.95 |
| 2486.1012 | 7.87  | 10.03 | 112.37 | 0.97    | 0.83 |
| 2486.2536 | 10.20 | 10.68 | 101.87 | 0.89    | 0.76 |

|           |       |      |         |         |       |
|-----------|-------|------|---------|---------|-------|
| 2468.4228 | 5.43  | 4.48 | 171.77  | 2.29    | 2.06  |
| 2468.5752 | 4.51  | 4.46 | 160.05  | -999.25 | 1.98  |
| 2468.7276 | 4.31  | 4.45 | -999.25 | 2.47    | 1.90  |
| 2468.8800 | 5.23  | 4.27 | 162.48  | 2.52    | 2.14  |
| 2469.0324 | 5.40  | 4.33 | 175.41  | 2.47    | 2.45  |
| 2469.1848 | 6.47  | 4.67 | 189.76  | 2.66    | 2.56  |
| 2469.3372 | 9.33  | 4.96 | 185.51  | 2.91    | 2.18  |
| 2469.4896 | 10.28 | 5.59 | 198.04  | 2.87    | 2.61  |
| 2469.6420 | 6.97  | 5.87 | 189.15  | 3.23    | 2.90  |
| 2469.7944 | 6.02  | 6.01 | 163.69  | 2.95    | 2.77  |
| 2469.9468 | 6.35  | 6.06 | 160.66  | 3.09    | 2.70  |
| 2470.0992 | 6.82  | 6.61 | 185.51  | 3.06    | 2.53  |
| 2470.2516 | 5.36  | 6.41 | 203.09  | 3.02    | 2.47  |
| 2470.4040 | 4.99  | 6.54 | 205.72  | 3.14    | 2.42  |
| 2470.5564 | 6.20  | 6.61 | 188.34  | 3.23    | 2.67  |
| 2470.7088 | 7.77  | 6.76 | 182.48  | 3.31    | 2.90  |
| 2470.8612 | 8.40  | 6.51 | 191.98  | 3.41    | 2.90  |
| 2471.0136 | 5.89  | 6.16 | 194.00  | 3.68    | 2.97  |
| 2471.1660 | 6.80  | 6.48 | 190.66  | 3.94    | 3.27  |
| 2471.3184 | 8.92  | 6.60 | 184.70  | 4.00    | 3.44  |
| 2471.4708 | 8.22  | 6.80 | 184.30  | 4.07    | 3.44  |
| 2471.6232 | 9.16  | 6.94 | 184.60  | 4.13    | 3.53  |
| 2471.7756 | 8.69  | 7.53 | 167.93  | 4.49    | 3.72  |
| 2471.9280 | 8.07  | 7.77 | 176.78  | 4.49    | 3.92  |
| 2472.0804 | 7.08  | 7.76 | 174.20  | 4.41    | 3.92  |
| 2472.2328 | 5.91  | 7.31 | 174.60  | 4.49    | 3.96  |
| 2472.3852 | 6.44  | 7.35 | 167.93  | 4.27    | 3.82  |
| 2472.5376 | 7.72  | 7.77 | 166.92  | 3.94    | 3.82  |
| 2472.6900 | 6.27  | 7.22 | 176.22  | 3.53    | 3.67  |
| 2472.8424 | 5.85  | 7.12 | 175.81  | 3.18    | 3.41  |
| 2472.9948 | 8.26  | 7.22 | 170.97  | 2.91    | 3.23  |
| 2473.1472 | 7.58  | 6.89 | 174.60  | 2.52    | 2.77  |
| 2473.2996 | 5.20  | 6.50 | 156.42  | 2.26    | 1.83  |
| 2473.4520 | 4.12  | 5.92 | 143.08  | 2.19    | 1.39  |
| 2473.6044 | 4.66  | 5.93 | 105.50  | 2.25    | 1.13  |
| 2473.7568 | 4.85  | 5.67 | 87.92   | 2.50    | 1.98  |
| 2473.9092 | 3.67  | 5.21 | 74.59   | 3.14    | 5.28  |
| 2474.0616 | 4.22  | 5.06 | 57.01   | 4.15    | 8.72  |
| 2474.2140 | 6.87  | 5.28 | 55.56   | 4.56    | 10.58 |
| 2474.3664 | 5.93  | 5.07 | 58.83   | 4.89    | 11.47 |
| 2474.5188 | 5.88  | 5.02 | 78.43   | 5.44    | 12.60 |
| 2474.6712 | 6.71  | 4.98 | 100.65  | 5.51    | 11.60 |
| 2474.8236 | 4.53  | 4.88 | 137.63  | 5.74    | 8.39  |
| 2474.9760 | 3.84  | 4.90 | 124.90  | 5.59    | 5.63  |
| 2475.1284 | 5.15  | 4.98 | 116.01  | 5.27    | 4.27  |
| 2475.2808 | 6.76  | 5.20 | 112.78  | 5.06    | 3.92  |
| 2475.4332 | 4.51  | 5.25 | 133.38  | 4.98    | 3.89  |
| 2475.5856 | 4.75  | 5.34 | 145.51  | 4.92    | 4.23  |
| 2475.7380 | 4.97  | 4.96 | 168.54  | 4.89    | 4.46  |
| 2475.8904 | 4.24  | 4.98 | 149.75  | 4.81    | 4.75  |
| 2476.0428 | 4.51  | 4.72 | 157.63  | 4.49    | 6.24  |
| 2476.1952 | 4.95  | 4.73 | 143.08  | 3.71    | 6.71  |
| 2476.3476 | 4.71  | 4.76 | 144.90  | 3.50    | 3.57  |
| 2476.5000 | 4.93  | 5.00 | 140.66  | 3.06    | 2.77  |
| 2476.6524 | 6.49  | 4.94 | 140.05  | 2.74    | 3.27  |
| 2476.8048 | 6.56  | 4.98 | 149.14  | 1.79    | 3.11  |
| 2476.9572 | 5.59  | 5.16 | 135.81  | 1.70    | 1.45  |
| 2477.1096 | 5.53  | 5.13 | 100.65  | 1.60    | 1.07  |
| 2477.2620 | 5.85  | 5.33 | 88.53   | 1.39    | 1.11  |

|           |       |       |        |      |      |
|-----------|-------|-------|--------|------|------|
| 2459.4312 | 8.56  | 4.84  | 78.83  | 0.74 | 0.69 |
| 2459.5836 | 8.68  | 5.63  | 89.74  | 0.77 | 0.83 |
| 2459.7360 | 9.71  | 6.79  | 92.65  | 0.79 | 0.78 |
| 2459.8884 | 21.03 | 8.15  | 92.77  | 0.79 | 0.73 |
| 2460.0408 | 17.88 | 9.11  | 96.21  | 0.80 | 0.79 |
| 2460.1932 | 13.71 | 10.77 | 95.80  | 0.84 | 0.79 |
| 2460.3456 | 10.98 | 11.40 | 97.02  | 0.89 | 0.72 |
| 2460.4980 | 10.92 | 11.22 | 106.71 | 0.89 | 0.91 |
| 2460.6504 | 11.09 | 10.94 | 98.23  | 0.92 | 0.94 |
| 2460.8028 | 11.15 | 11.99 | 118.84 | 0.95 | 0.91 |
| 2460.9552 | 10.17 | 11.40 | 101.87 | 0.93 | 0.95 |
| 2461.1076 | 11.43 | 12.85 | 104.29 | 0.92 | 0.93 |
| 2461.2600 | 15.61 | 12.51 | 105.50 | 0.90 | 0.88 |
| 2461.4124 | 21.07 | 12.85 | 94.59  | 0.87 | 0.87 |
| 2461.5648 | 19.54 | 12.66 | 98.23  | 0.84 | 0.78 |
| 2461.7172 | 12.47 | 12.61 | 88.53  | 0.81 | 0.69 |
| 2461.8696 | 12.48 | 13.02 | 103.08 | 0.80 | 0.70 |
| 2462.0220 | 11.02 | 12.64 | 108.33 | 0.81 | 0.77 |
| 2462.1744 | 9.72  | 12.61 | 104.29 | 0.83 | 0.86 |
| 2462.3268 | 12.80 | 13.02 | 104.29 | 0.83 | 0.82 |
| 2462.4792 | 12.76 | 13.27 | 96.41  | 0.80 | 0.78 |
| 2462.6316 | 12.39 | 13.26 | 106.71 | 0.80 | 0.69 |
| 2462.7840 | 10.58 | 12.28 | 100.65 | 0.84 | 0.72 |
| 2462.9364 | 5.99  | 10.07 | 99.04  | 0.88 | 0.90 |
| 2463.0888 | 5.58  | 9.34  | 106.71 | 0.95 | 0.87 |
| 2463.2412 | 7.26  | 9.02  | 112.78 | 0.94 | 0.87 |
| 2463.3936 | 7.27  | 8.44  | 92.17  | 0.96 | 0.87 |
| 2463.5460 | 6.72  | 8.17  | 100.65 | 0.99 | 0.93 |
| 2463.6984 | 8.60  | 8.25  | 110.35 | 1.04 | 1.10 |
| 2463.8508 | 12.62 | 8.15  | 115.81 | 1.04 | 0.95 |
| 2464.0032 | 10.76 | 8.06  | 110.96 | 0.97 | 1.02 |
| 2464.1556 | 8.62  | 7.71  | 101.87 | 0.97 | 0.87 |
| 2464.3080 | 9.53  | 7.93  | 93.38  | 0.94 | 0.95 |
| 2464.4604 | 12.97 | 8.94  | 85.30  | 0.92 | 0.90 |
| 2464.6128 | 14.22 | 9.58  | 113.99 | 0.94 | 0.77 |
| 2464.7652 | 5.55  | 8.32  | 100.65 | 0.96 | 0.78 |
| 2464.9176 | 4.16  | 8.00  | 96.41  | 1.00 | 0.85 |
| 2465.0700 | 6.16  | 8.13  | 107.93 | 1.17 | 0.94 |
| 2465.2224 | 6.93  | 7.65  | 138.23 | 1.40 | 1.18 |
| 2465.3748 | 6.43  | 7.23  | 187.94 | 1.66 | 1.69 |
| 2465.5272 | 7.38  | 7.19  | 290.98 | 1.98 | 2.44 |
| 2465.6796 | 10.43 | 7.45  | 284.92 | 2.26 | 2.83 |
| 2465.8320 | 8.98  | 7.12  | 270.37 | 1.67 | 2.81 |
| 2465.9844 | 5.57  | 6.46  | 215.82 | 2.58 | 2.70 |
| 2466.1368 | 5.15  | 6.05  | 181.27 | 2.62 | 2.58 |
| 2466.2892 | 5.09  | 6.33  | 179.45 | 2.74 | 2.45 |
| 2466.4416 | 4.80  | 6.30  | 180.66 | 2.64 | 2.42 |
| 2466.5940 | 6.82  | 6.46  | 184.30 | 2.52 | 2.45 |
| 2466.7464 | 6.32  | 6.19  | 172.58 | 2.64 | 2.45 |
| 2466.8988 | 4.19  | 5.83  | 169.75 | 2.55 | 2.37 |
| 2467.0512 | 3.97  | 5.41  | 163.09 | 2.44 | 2.27 |
| 2467.2036 | 4.49  | 5.08  | 166.72 | 2.36 | 2.14 |
| 2467.3560 | 7.14  | 5.25  | 168.54 | 2.31 | 2.10 |
| 2467.5084 | 6.47  | 5.21  | 161.87 | 2.26 | 2.01 |
| 2467.6608 | 3.91  | 4.93  | 160.05 | 2.31 | 1.98 |
| 2467.8132 | 3.94  | 4.92  | 173.39 | 2.22 | 1.94 |
| 2467.9656 | 3.66  | 4.63  | 195.21 | 2.34 | 1.98 |
| 2468.1180 | 3.33  | 4.27  | 182.68 | 2.24 | 2.00 |
| 2468.2704 | 4.36  | 4.35  | 174.00 | 2.31 | 2.02 |

|           |       |      |        |      |      |
|-----------|-------|------|--------|------|------|
| 2450.4396 | 5.73  | 6.94 | 105.50 | 1.15 | 1.06 |
| 2450.5920 | 4.16  | 6.25 | 100.83 | 1.14 | 1.03 |
| 2450.7444 | 4.47  | 6.06 | 105.20 | 1.10 | 0.98 |
| 2450.8968 | 6.41  | 5.79 | 106.02 | 1.10 | 0.96 |
| 2451.0492 | 5.76  | 5.96 | 104.90 | 1.04 | 0.98 |
| 2451.2016 | 7.42  | 6.28 | 106.31 | 1.04 | 0.96 |
| 2451.3540 | 8.51  | 6.30 | 103.08 | 1.04 | 0.90 |
| 2451.5064 | 8.51  | 6.36 | 105.50 | 1.03 | 1.02 |
| 2451.6588 | 7.19  | 6.04 | 107.20 | 0.99 | 1.17 |
| 2451.8112 | 5.58  | 6.04 | 106.31 | 0.89 | 1.09 |
| 2451.9636 | 6.02  | 6.10 | 101.87 | 0.79 | 0.79 |
| 2452.1160 | 6.22  | 6.68 | 102.67 | 0.85 | 0.62 |
| 2452.2684 | 9.29  | 7.10 | 97.62  | 0.71 | 0.59 |
| 2452.4208 | 7.40  | 6.87 | 103.08 | 0.74 | 0.62 |
| 2452.5732 | 4.43  | 6.61 | 95.20  | 0.78 | 0.64 |
| 2452.7256 | 4.67  | 6.20 | 105.10 | 0.95 | 0.75 |
| 2452.8780 | 4.98  | 5.96 | 106.11 | 1.19 | 1.13 |
| 2453.0304 | 5.33  | 5.70 | 128.54 | 1.50 | 2.06 |
| 2453.1828 | 6.73  | 5.89 | 176.78 | 1.74 | 2.85 |
| 2453.3352 | 6.68  | 5.90 | 191.98 | 1.88 | 3.04 |
| 2453.4876 | 6.84  | 6.03 | 179.45 | 1.79 | 2.23 |
| 2453.6400 | 8.01  | 6.16 | 153.99 | 1.97 | 1.22 |
| 2453.7924 | 5.31  | 5.50 | 131.77 | 2.01 | 1.45 |
| 2453.9448 | 4.60  | 5.59 | 146.42 | 2.26 | 2.23 |
| 2454.0972 | 6.28  | 5.93 | 147.33 | 2.57 | 2.98 |
| 2454.2496 | 5.25  | 5.75 | 143.08 | 2.55 | 3.47 |
| 2454.4020 | 6.47  | 6.27 | 147.93 | 2.48 | 2.79 |
| 2454.5544 | 7.44  | 6.12 | 135.81 | 2.40 | 1.98 |
| 2454.7068 | 6.45  | 6.22 | 129.75 | 2.35 | 2.02 |
| 2454.8592 | 9.76  | 6.50 | 130.15 | 1.60 | 3.25 |
| 2455.0116 | 11.04 | 6.69 | 152.78 | 2.01 | 3.25 |
| 2455.1640 | 9.32  | 6.65 | 147.93 | 1.79 | 1.69 |
| 2455.3164 | 8.49  | 7.38 | 114.80 | 1.69 | 1.04 |
| 2455.4688 | 7.88  | 7.56 | 112.53 | 1.81 | 1.13 |
| 2455.6212 | 5.60  | 7.18 | 126.72 | 2.01 | 1.96 |
| 2455.7736 | 6.40  | 7.97 | 156.82 | 2.44 | 3.07 |
| 2455.9260 | 4.44  | 6.52 | 164.10 | 2.64 | 4.19 |
| 2456.0784 | 3.77  | 6.59 | 155.61 | 2.58 | 4.90 |
| 2456.2308 | 6.92  | 6.61 | 143.49 | 2.43 | 5.11 |
| 2456.3832 | 10.57 | 6.66 | 135.51 | 2.04 | 3.55 |
| 2456.5356 | 3.02  | 5.01 | 114.39 | 1.60 | 2.12 |
| 2456.6880 | 2.35  | 4.68 | 95.46  | 1.27 | 1.15 |
| 2456.8404 | 3.70  | 4.35 | 79.84  | 1.10 | 0.78 |
| 2456.9928 | 4.22  | 4.24 | 82.87  | 1.02 | 0.82 |
| 2457.1452 | 4.98  | 4.26 | 84.89  | 0.96 | 1.10 |
| 2457.2976 | 4.66  | 4.04 | 86.83  | 0.92 | 0.98 |
| 2457.4500 | 3.63  | 4.09 | 81.26  | 0.84 | 0.82 |
| 2457.6024 | 3.41  | 3.96 | 80.45  | 0.78 | 0.74 |
| 2457.7548 | 3.88  | 3.74 | 78.43  | 0.73 | 0.71 |
| 2457.9072 | 3.97  | 3.52 | 72.37  | 0.70 | 0.68 |
| 2458.0596 | 2.86  | 3.69 | 75.60  | 0.68 | 0.64 |
| 2458.2120 | 2.51  | 3.58 | 75.20  | 0.66 | 0.63 |
| 2458.3644 | 3.11  | 3.56 | 72.97  | 0.65 | 0.62 |
| 2458.5168 | 4.10  | 3.57 | 74.79  | 0.65 | 0.63 |
| 2458.6692 | 4.50  | 3.51 | 73.38  | 0.66 | 0.63 |
| 2458.8216 | 4.97  | 3.60 | 71.26  | 0.67 | 0.64 |
| 2458.9740 | 9.09  | 3.96 | 74.71  | 0.67 | 0.65 |
| 2459.1264 | 13.95 | 4.28 | 76.10  | 0.68 | 0.64 |
| 2459.2788 | 8.45  | 4.46 | 73.98  | 0.70 | 0.65 |

|           |       |       |        |      |      |
|-----------|-------|-------|--------|------|------|
| 2441.4480 | 8.37  | 8.40  | 166.60 | 1.60 | 1.56 |
| 2441.6004 | 6.52  | 7.96  | 174.00 | 2.10 | 1.74 |
| 2441.7528 | 7.54  | 8.04  | 164.90 | 1.89 | 1.71 |
| 2441.9052 | 10.71 | 8.06  | 163.69 | 2.39 | 1.65 |
| 2442.0576 | 8.70  | 8.16  | 169.15 | 1.68 | 1.60 |
| 2442.2100 | 6.61  | 8.09  | 166.52 | 1.53 | 1.64 |
| 2442.3624 | 6.77  | 8.34  | 172.18 | 1.37 | 1.52 |
| 2442.5148 | 6.65  | 7.63  | 158.54 | 1.14 | 1.26 |
| 2442.6672 | 5.45  | 7.16  | 105.50 | 1.05 | 0.89 |
| 2442.8196 | 7.28  | 7.29  | 106.71 | 0.99 | 0.75 |
| 2442.9720 | 9.24  | 7.28  | 103.08 | 1.03 | 0.84 |
| 2443.1244 | 8.95  | 7.76  | 124.29 | 1.07 | 1.28 |
| 2443.2768 | 13.57 | 7.96  | 140.66 | 1.09 | 1.26 |
| 2443.4292 | 22.24 | 8.39  | 129.14 | 1.08 | 0.98 |
| 2443.5816 | 32.92 | 9.20  | 102.47 | 1.03 | 1.02 |
| 2443.7340 | 36.14 | 10.59 | 97.02  | 0.97 | 0.96 |
| 2443.8864 | 29.83 | 11.65 | 85.50  | 0.93 | 0.84 |
| 2444.0388 | 25.19 | 13.84 | 98.83  | 1.05 | 0.76 |
| 2444.1912 | 14.06 | 15.78 | 115.20 | 1.03 | 0.95 |
| 2444.3436 | 6.63  | 13.34 | 95.80  | 1.15 | 1.18 |
| 2444.4960 | 5.73  | 13.04 | 112.78 | 1.16 | 1.43 |
| 2444.6484 | 7.66  | 12.70 | 143.69 | 1.21 | 1.18 |
| 2444.8008 | 7.70  | 11.37 | 103.08 | 1.20 | 1.05 |
| 2444.9532 | 7.31  | 10.29 | 111.56 | 1.25 | 1.16 |
| 2445.1056 | 9.27  | 9.67  | 117.22 | 1.24 | 1.41 |
| 2445.2580 | 9.81  | 8.93  | 112.78 | 1.24 | 1.24 |
| 2445.4104 | 10.38 | 8.62  | 96.41  | 1.21 | 1.12 |
| 2445.5628 | 8.97  | 7.91  | 103.08 | 1.14 | 1.05 |
| 2445.7152 | 9.57  | 8.15  | 116.01 | 1.10 | 1.11 |
| 2445.8676 | 10.63 | 8.70  | 123.20 | 1.01 | 0.98 |
| 2446.0200 | 9.35  | 9.16  | 117.02 | 0.96 | 0.81 |
| 2446.1724 | 10.07 | 9.20  | 112.78 | 0.95 | 0.74 |
| 2446.3248 | 10.65 | 9.81  | 112.37 | 0.96 | 0.71 |
| 2446.4772 | 13.89 | 10.44 | 109.14 | 1.08 | 0.85 |
| 2446.6296 | 14.69 | 10.64 | 109.75 | 1.35 | 1.54 |
| 2446.7820 | 12.69 | 10.97 | 121.26 | 1.55 | 1.74 |
| 2446.9344 | 11.44 | 10.85 | 123.69 | 1.76 | 1.87 |
| 2447.0868 | 12.98 | 11.87 | 124.90 | 1.89 | 2.02 |
| 2447.2392 | 12.50 | 11.46 | 132.78 | 1.93 | 2.27 |
| 2447.3916 | 10.63 | 11.87 | 153.99 | 1.89 | 1.94 |
| 2447.5440 | 11.86 | 12.08 | 139.45 | 1.76 | 1.56 |
| 2447.6964 | 9.42  | 11.68 | 117.42 | 1.71 | 1.56 |
| 2447.8488 | 7.91  | 11.21 | 116.41 | 0.90 | 1.41 |
| 2448.0012 | 6.25  | 9.69  | 114.80 | 1.56 | 1.39 |
| 2448.1536 | 6.53  | 9.41  | 129.14 | 1.48 | 1.44 |
| 2448.3060 | 8.07  | 8.91  | 129.34 | 1.42 | 1.36 |
| 2448.4584 | 9.98  | 9.19  | 121.26 | 1.33 | 1.33 |
| 2448.6108 | 21.53 | 9.43  | 137.02 | 1.28 | 1.24 |
| 2448.7632 | 8.05  | 8.50  | 109.14 | 1.20 | 1.08 |
| 2448.9156 | 6.42  | 8.44  | 109.38 | 1.17 | 0.92 |
| 2449.0680 | 8.72  | 8.08  | 99.44  | 1.26 | 0.97 |
| 2449.2204 | 8.44  | 8.27  | 113.99 | 1.39 | 1.25 |
| 2449.3728 | 10.77 | 8.55  | 130.35 | 1.54 | 1.92 |
| 2449.5252 | 6.26  | 8.28  | 138.23 | 1.64 | 2.32 |
| 2449.6776 | 4.94  | 7.88  | 130.72 | 1.63 | 2.03 |
| 2449.8300 | 6.11  | 7.77  | 117.63 | 1.53 | 1.62 |
| 2449.9824 | 7.83  | 7.56  | 115.50 | 1.43 | 1.36 |
| 2450.1348 | 9.63  | 7.13  | 105.50 | 1.32 | 1.15 |
| 2450.2872 | 7.29  | 7.41  | 97.02  | 1.21 | 1.05 |



|           |       |       |        |      |      |
|-----------|-------|-------|--------|------|------|
| 2432.4564 | 14.05 | 18.83 | 179.45 | 4.07 | 4.66 |
| 2432.6088 | 11.37 | 20.43 | 188.34 | 3.36 | 4.39 |
| 2432.7612 | 9.22  | 16.91 | 192.79 | 2.87 | 4.03 |
| 2432.9136 | 8.39  | 14.78 | 188.54 | 2.31 | 3.15 |
| 2433.0660 | 12.49 | 14.31 | 189.15 | 1.86 | 1.96 |
| 2433.2184 | 10.78 | 12.75 | 159.75 | 1.37 | 0.95 |
| 2433.3708 | 8.33  | 11.86 | 115.20 | 2.34 | 2.45 |
| 2433.5232 | 6.36  | 9.86  | 127.93 | 1.20 | 1.16 |
| 2433.6756 | 5.73  | 9.02  | 130.15 | 1.15 | 1.23 |
| 2433.8280 | 7.11  | 8.36  | 117.63 | 1.14 | 1.03 |
| 2433.9804 | 7.15  | 8.03  | 122.47 | 1.06 | 0.93 |
| 2434.1328 | 8.75  | 8.01  | 118.23 | 1.06 | 0.93 |
| 2434.2852 | 10.80 | 8.24  | 121.26 | 1.17 | 0.91 |
| 2434.4376 | 13.26 | 8.61  | 134.60 | 1.34 | 1.06 |
| 2434.5900 | 20.30 | 8.68  | 133.99 | 1.56 | 1.46 |
| 2434.7424 | 19.94 | 9.30  | 160.05 | 1.93 | 2.10 |
| 2434.8948 | 15.46 | 9.60  | 173.09 | 2.47 | 2.49 |
| 2435.0472 | 19.70 | 11.59 | 181.07 | 2.50 | 2.94 |
| 2435.1996 | 39.74 | 13.46 | 204.30 | 2.64 | 3.53 |
| 2435.3520 | 10.35 | 12.91 | 178.24 | 2.84 | 3.72 |
| 2435.5044 | 9.91  | 15.03 | 159.08 | 2.91 | 3.00 |
| 2435.6568 | 14.42 | 14.61 | 158.24 | 2.52 | 2.14 |
| 2435.8092 | 9.95  | 14.69 | 169.51 | 2.57 | 1.98 |
| 2435.9616 | 7.29  | 12.38 | 179.45 | 2.64 | 2.02 |
| 2436.1140 | 7.94  | 11.99 | 192.18 | 2.64 | 2.30 |
| 2436.2664 | 9.54  | 10.90 | 181.07 | 2.68 | 2.97 |
| 2436.4188 | 7.97  | 10.46 | 176.42 | 2.66 | 3.14 |
| 2436.5712 | 8.89  | 9.61  | 149.75 | 2.54 | 2.56 |
| 2436.7236 | 8.31  | 8.72  | 129.75 | 2.52 | 1.87 |
| 2436.8760 | 7.91  | 9.09  | 155.21 | 2.55 | 2.32 |
| 2437.0284 | 7.29  | 8.21  | 178.24 | 2.71 | 2.68 |
| 2437.1808 | 8.33  | 8.32  | 174.12 | 2.97 | 2.60 |
| 2437.3332 | 10.75 | 8.31  | 182.48 | 3.17 | 2.55 |
| 2437.4856 | 14.02 | 9.34  | 186.12 | 3.41 | 2.86 |
| 2437.6380 | 18.50 | 9.43  | 186.72 | 3.57 | 3.35 |
| 2437.7904 | 16.68 | 10.20 | 174.60 | 3.97 | 3.87 |
| 2437.9428 | 18.37 | 10.89 | 183.09 | 3.77 | 4.03 |
| 2438.0952 | 23.34 | 11.89 | 177.43 | 3.61 | 4.03 |
| 2438.2476 | 24.38 | 13.17 | 175.81 | 3.12 | 4.09 |
| 2438.4000 | 28.77 | 15.20 | 189.55 | 2.84 | 4.09 |
| 2438.5524 | 25.49 | 17.75 | 186.12 | 1.77 | 2.75 |
| 2438.7048 | 16.40 | 18.53 | 166.52 | 1.64 | 1.58 |
| 2438.8572 | 15.17 | 19.63 | 140.49 | 1.43 | 1.15 |
| 2439.0096 | 13.87 | 18.48 | 119.44 | 1.21 | 1.02 |
| 2439.1620 | 8.04  | 15.39 | 105.91 | 1.12 | 0.94 |
| 2439.3144 | 7.68  | 14.67 | 103.08 | 1.10 | 0.86 |
| 2439.4668 | 8.69  | 12.97 | 111.65 | 1.20 | 0.89 |
| 2439.6192 | 6.86  | 11.27 | 128.54 | 1.48 | 1.03 |
| 2439.7716 | 6.93  | 10.23 | 160.23 | 1.72 | 1.65 |
| 2439.9240 | 9.87  | 9.80  | 187.13 | 2.06 | 2.87 |
| 2440.0764 | 11.40 | 9.31  | 187.45 | 2.73 | 4.07 |
| 2440.2288 | 9.46  | 9.01  | 186.72 | 3.17 | 4.52 |
| 2440.3812 | 9.90  | 8.74  | 181.70 | 3.39 | 4.58 |
| 2440.5336 | 8.05  | 8.23  | 179.45 | 3.50 | 4.11 |
| 2440.6860 | 6.53  | 8.32  | 180.49 | 3.31 | 3.50 |
| 2440.8384 | 6.20  | 7.83  | 174.00 | 3.10 | 3.04 |
| 2440.9908 | 8.84  | 8.35  | 174.20 | 2.81 | 2.66 |
| 2441.1432 | 11.85 | 8.67  | 169.51 | 2.61 | 2.40 |
| 2441.2956 | 9.33  | 8.90  | 163.69 | 2.41 | 2.24 |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2423.4648 | 2.94  | 4.16  | 129.44  | 2.50    | 2.32    |
| 2423.6172 | 2.86  | 4.24  | 126.92  | 2.64    | -999.25 |
| 2423.7696 | 4.14  | 4.03  | 132.17  | 2.77    | 2.53    |
| 2423.9220 | 4.13  | 3.87  | 135.20  | 2.91    | 2.64    |
| 2424.0744 | 4.23  | 3.82  | 141.26  | 3.14    | 2.77    |
| 2424.2268 | 4.18  | 3.75  | 135.81  | -999.25 | 2.77    |
| 2424.3792 | 4.67  | 3.87  | 142.60  | 3.31    | 2.83    |
| 2424.5316 | 5.19  | 3.84  | 146.11  | 3.50    | -999.25 |
| 2424.6840 | 5.16  | 4.08  | 154.60  | 3.71    | 2.83    |
| 2424.8364 | 5.64  | 4.16  | 148.34  | 3.82    | 3.04    |
| 2424.9888 | 5.58  | 4.69  | 160.05  | 3.94    | 3.27    |
| 2425.1412 | 4.33  | 4.62  | 156.01  | 3.88    | 3.39    |
| 2425.2936 | 4.18  | 4.71  | 159.25  | 4.07    | 3.57    |
| 2425.4460 | 5.26  | 4.85  | 168.84  | 3.90    | 3.62    |
| 2425.5984 | 6.03  | 5.04  | 174.30  | 3.75    | 3.62    |
| 2425.7508 | 6.50  | 5.29  | 168.54  | 3.35    | 3.65    |
| 2425.9032 | 5.95  | 5.29  | 176.62  | 2.64    | 3.50    |
| 2426.0556 | 6.23  | 5.48  | 169.75  | 2.17    | 3.04    |
| 2426.2080 | 6.66  | 5.54  | 126.11  | 1.72    | 1.93    |
| 2426.3604 | 5.64  | 5.48  | -999.25 | 1.33    | 1.26    |
| 2426.5128 | 5.75  | 5.57  | 80.04   | 1.08    | 1.05    |
| 2426.6652 | 8.22  | 6.22  | 95.80   | 0.91    | 0.83    |
| 2426.8176 | 8.38  | 6.43  | 95.80   | 0.79    | 0.68    |
| 2426.9700 | 7.16  | 6.64  | -999.25 | 0.73    | 0.64    |
| 2427.1224 | 8.12  | 6.81  | 95.00   | 0.68    | 0.61    |
| 2427.2748 | 8.66  | 7.00  | 96.11   | 0.69    | 0.63    |
| 2427.4272 | 9.17  | 7.40  | 107.52  | 0.71    | 0.64    |
| 2427.5796 | 9.74  | 7.61  | 107.93  | 0.73    | 0.65    |
| 2427.7320 | 9.86  | 7.98  | 111.16  | 0.80    | 0.69    |
| 2427.8844 | 10.30 | 8.67  | 113.99  | 0.86    | 0.76    |
| 2428.0368 | 9.74  | 9.00  | 123.69  | 1.05    | 0.93    |
| 2428.1892 | 9.28  | 8.89  | 126.11  | 1.25    | 1.16    |
| 2428.3416 | 9.75  | 9.28  | 132.17  | 1.57    | 1.58    |
| 2428.4940 | 9.72  | 9.51  | 137.63  | 1.92    | 2.12    |
| 2428.6464 | 10.77 | 9.83  | 149.14  | 2.23    | 2.53    |
| 2428.7988 | 12.06 | 10.14 | 141.47  | 2.58    | 2.56    |
| 2428.9512 | 13.90 | 10.61 | 147.33  | 3.06    | 2.64    |
| 2429.1036 | 9.89  | 10.17 | 162.48  | 3.31    | 2.99    |
| 2429.2560 | 9.92  | 10.62 | 168.54  | 3.77    | 3.39    |
| 2429.4084 | 10.76 | 10.25 | 179.45  | 4.49    | 3.82    |
| 2429.5608 | 8.51  | 10.30 | 172.18  | 4.64    | -999.25 |
| 2429.7132 | 8.85  | 10.15 | 189.15  | 4.34    | 4.27    |
| 2429.8656 | 8.88  | 10.09 | 185.11  | -999.25 | 4.39    |
| 2430.0180 | 9.77  | 10.16 | 162.48  | 4.07    | 4.52    |
| 2430.1704 | 11.19 | 10.16 | 156.42  | 3.71    | -999.25 |
| 2430.3228 | 10.17 | 9.85  | 164.30  | 3.50    | 5.11    |
| 2430.4752 | 10.51 | 9.70  | 161.27  | 2.97    | 4.62    |
| 2430.6276 | 16.40 | 10.69 | 158.44  | 2.36    | 2.64    |
| 2430.7800 | 21.76 | 10.85 | 134.19  | 2.10    | 1.46    |
| 2430.9324 | 19.03 | 11.71 | 123.99  | 1.93    | 1.23    |
| 2431.0848 | 10.92 | 11.50 | 137.02  | 1.88    | 1.59    |
| 2431.2372 | 12.76 | 12.74 | 168.14  | 2.04    | 1.80    |
| 2431.3896 | 38.88 | 14.38 | 164.90  | 2.30    | 1.66    |
| 2431.5420 | 38.03 | 15.80 | 164.90  | 2.64    | 2.20    |
| 2431.6944 | 25.84 | 16.83 | 177.03  | 3.02    | 3.04    |
| 2431.8468 | 20.81 | 18.78 | 194.60  | 3.55    | 4.27    |
| 2431.9992 | 23.67 | 20.47 | 199.25  | 4.00    | 4.66    |
| 2432.1516 | 23.99 | 20.25 | 190.97  | 4.20    | 4.46    |
| 2432.3040 | 19.98 | 20.14 | 184.30  | 4.34    | 4.52    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2414.4732 | 10.16 | 9.29  | 107.93  | 0.77    | 0.69    |
| 2414.6256 | 10.42 | 9.42  | 100.65  | 0.77    | 0.68    |
| 2414.7780 | 9.98  | 8.70  | 113.99  | 0.78    | 0.70    |
| 2414.9304 | 7.22  | 8.44  | 107.93  | 0.79    | 0.75    |
| 2415.0828 | 7.12  | 8.65  | 90.96   | 0.80    | 0.78    |
| 2415.2352 | 7.63  | 8.34  | 103.08  | 0.79    | 0.75    |
| 2415.3876 | 8.76  | 8.69  | 103.08  | 0.80    | 0.75    |
| 2415.5400 | 9.64  | 8.78  | 101.26  | 0.79    | 0.75    |
| 2415.6924 | 7.59  | 8.55  | 105.91  | 0.79    | 0.76    |
| 2415.8448 | 6.19  | 7.93  | 112.17  | 0.79    | 0.76    |
| 2415.9972 | 7.24  | 8.00  | 104.29  | 0.79    | 0.76    |
| 2416.1496 | 9.78  | 7.85  | 107.02  | 0.80    | 0.76    |
| 2416.3020 | 6.11  | 7.27  | 102.47  | 0.80    | 0.78    |
| 2416.4544 | 5.23  | 7.25  | 113.99  | 0.81    | 0.77    |
| 2416.6068 | 7.53  | 7.35  | 103.89  | 0.86    | 0.77    |
| 2416.7592 | 12.29 | 7.81  | 109.95  | 0.90    | 0.80    |
| 2416.9116 | 14.37 | 7.86  | 100.65  | 0.97    | 0.92    |
| 2417.0640 | 10.38 | 7.90  | 101.87  | 0.96    | -999.25 |
| 2417.2164 | 8.94  | 8.12  | 101.26  | 0.93    | 0.92    |
| 2417.3688 | 9.46  | 8.67  | 99.44   | 0.97    | 0.79    |
| 2417.5212 | 8.79  | 8.45  | 93.38   | 1.04    | -999.25 |
| 2417.6736 | 8.63  | 8.47  | 109.14  | 1.14    | 0.94    |
| 2417.8260 | 10.35 | 9.53  | 97.62   | -999.25 | 1.12    |
| 2417.9784 | 12.30 | 10.40 | -999.25 | 1.19    | 1.23    |
| 2418.1308 | 11.11 | 10.38 | 121.26  | 1.11    | 1.19    |
| 2418.2832 | 10.00 | 10.02 | 112.78  | 1.02    | 1.17    |
| 2418.4356 | 5.78  | 8.55  | 109.14  | 0.97    | 1.05    |
| 2418.5880 | 5.05  | 8.32  | 97.02   | 0.94    | 0.88    |
| 2418.7404 | 6.54  | 7.98  | 98.83   | 0.88    | 0.74    |
| 2418.8928 | 7.35  | 7.92  | 102.35  | 0.83    | 0.78    |
| 2419.0452 | 8.19  | 7.88  | 100.65  | 0.84    | 0.71    |
| 2419.1976 | 6.59  | 7.49  | 99.04   | 0.86    | 0.74    |
| 2419.3500 | 7.32  | 7.41  | 107.93  | 0.97    | 0.82    |
| 2419.5024 | 5.88  | 6.61  | 116.01  | 1.00    | 1.09    |
| 2419.6548 | 5.34  | 6.48  | 127.73  | 1.06    | 1.16    |
| 2419.8072 | 7.34  | 6.31  | 133.38  | 1.11    | 0.92    |
| 2419.9596 | 6.48  | 6.64  | 116.82  | 1.16    | 0.95    |
| 2420.1120 | 7.73  | 6.91  | 113.99  | 1.18    | 1.12    |
| 2420.2644 | 11.52 | 7.28  | 114.59  | 1.22    | 1.35    |
| 2420.4168 | 8.54  | 7.10  | 124.90  | 1.19    | 1.19    |
| 2420.5692 | 8.67  | 7.35  | 121.26  | 1.10    | 1.06    |
| 2420.7216 | 10.18 | 7.68  | 112.78  | -999.25 | 0.96    |
| 2420.8740 | 8.99  | 7.63  | 118.84  | 1.10    | 0.89    |
| 2421.0264 | 8.50  | 8.35  | 111.56  | 1.17    | 1.00    |
| 2421.1788 | 11.11 | 8.97  | 118.84  | -999.25 | -999.25 |
| 2421.3312 | 9.98  | 8.89  | -999.25 | 1.16    | 1.09    |
| 2421.4836 | 7.10  | 9.19  | 112.78  | 1.22    | 1.01    |
| 2421.6360 | 4.53  | 7.65  | 113.99  | 1.20    | 1.19    |
| 2421.7884 | 3.70  | 6.87  | 124.90  | 1.30    | 1.24    |
| 2421.9408 | 4.27  | 6.48  | 115.20  | 1.33    | 1.27    |
| 2422.0932 | 3.97  | 5.79  | 113.99  | 1.40    | 1.30    |
| 2422.2456 | 4.93  | 5.71  | 108.53  | 1.43    | 1.33    |
| 2422.3980 | 7.71  | 5.66  | 116.01  | 1.48    | 1.34    |
| 2422.5504 | 5.94  | 5.40  | 116.82  | 1.56    | 1.38    |
| 2422.7028 | 5.05  | 5.05  | 116.01  | 1.60    | 1.41    |
| 2422.8552 | 4.34  | 4.73  | 117.63  | 1.70    | 1.42    |
| 2423.0076 | 4.46  | 4.65  | 116.41  | 1.84    | 1.54    |
| 2423.1600 | 3.86  | 4.57  | 115.20  | 1.98    | 1.86    |
| 2423.3124 | 3.59  | 4.62  | 123.08  | 2.17    | 2.16    |

|           |       |       |         |      |      |
|-----------|-------|-------|---------|------|------|
| 2405.4816 | 15.91 | 12.35 | 77.92   | 0.71 | 0.62 |
| 2405.6340 | 21.11 | 12.99 | 78.23   | 0.67 | 0.55 |
| 2405.7864 | 14.71 | 12.67 | 73.81   | 0.66 | 0.56 |
| 2405.9388 | 12.33 | 12.66 | 79.64   | 0.64 | 0.52 |
| 2406.0912 | 11.39 | 11.57 | 73.81   | 0.64 | 0.50 |
| 2406.2436 | 10.67 | 12.18 | 76.89   | 0.63 | 0.53 |
| 2406.3960 | 12.81 | 12.78 | 71.80   | 0.63 | 0.54 |
| 2406.5484 | 15.22 | 13.40 | 71.26   | 0.64 | 0.54 |
| 2406.7008 | 13.01 | 13.39 | 74.59   | 0.64 | 0.51 |
| 2406.8532 | 12.79 | 13.66 | 70.10   | 0.69 | 0.56 |
| 2407.0056 | 16.70 | 13.49 | 66.95   | 0.67 | 0.60 |
| 2407.1580 | 14.08 | 12.83 | 72.53   | 0.68 | 0.60 |
| 2407.3104 | 11.54 | 12.85 | 74.29   | 0.69 | 0.62 |
| 2407.4628 | 10.55 | 12.39 | 69.44   | 0.69 | 0.62 |
| 2407.6152 | 11.92 | 12.98 | 73.07   | 0.68 | 0.60 |
| 2407.7676 | 17.11 | 13.58 | 73.98   | 0.68 | 0.63 |
| 2407.9200 | 15.51 | 13.45 | 72.77   | 0.69 | 0.64 |
| 2408.0724 | 12.30 | 13.03 | 78.23   | 0.69 | 0.67 |
| 2408.2248 | 11.45 | 13.08 | 69.74   | 0.71 | 0.69 |
| 2408.3772 | 8.69  | 11.89 | 78.23   | 0.73 | 0.68 |
| 2408.5296 | 9.31  | 11.63 | 73.38   | 0.73 | 0.68 |
| 2408.6820 | 9.92  | 11.10 | 79.74   | 0.72 | 0.64 |
| 2408.8344 | 10.12 | 11.31 | 70.95   | 0.71 | 0.61 |
| 2408.9868 | 10.71 | 11.14 | 77.22   | 0.72 | 0.59 |
| 2409.1392 | 12.05 | 11.34 | 76.81   | 0.71 | 0.58 |
| 2409.2916 | 11.23 | 10.43 | 67.01   | 0.78 | 0.69 |
| 2409.4440 | 11.73 | 10.83 | 68.23   | 0.77 | 0.80 |
| 2409.5964 | 19.64 | 11.13 | 66.10   | 0.79 | 0.68 |
| 2409.7488 | 9.27  | 10.37 | 73.98   | 0.77 | 0.61 |
| 2409.9012 | 8.75  | 11.15 | 71.56   | 0.75 | 0.65 |
| 2410.0536 | 12.10 | 10.93 | 78.43   | 0.74 | 0.66 |
| 2410.2060 | 11.64 | 11.53 | 71.96   | 0.76 | 0.62 |
| 2410.3584 | 13.63 | 11.57 | 76.41   | 0.75 | 0.65 |
| 2410.5108 | 15.40 | 12.34 | 73.98   | 0.74 | 0.64 |
| 2410.6632 | 12.54 | 11.66 | 67.32   | 0.75 | 0.62 |
| 2410.8156 | 11.78 | 12.47 | 75.20   | 0.75 | 0.65 |
| 2410.9680 | 15.72 | 12.28 | 67.52   | 0.75 | 0.67 |
| 2411.1204 | 12.01 | 11.54 | 77.62   | 0.76 | 0.69 |
| 2411.2728 | 10.42 | 12.65 | 84.89   | 0.75 | 0.69 |
| 2411.4252 | 11.47 | 12.31 | 80.04   | 0.74 | 0.69 |
| 2411.5776 | 12.95 | 12.82 | 78.83   | 0.72 | 0.66 |
| 2411.7300 | 14.71 | 12.88 | 82.47   | 0.73 | 0.61 |
| 2411.8824 | 12.85 | 12.68 | 88.53   | 0.72 | 0.60 |
| 2412.0348 | 14.72 | 12.78 | 81.26   | 0.74 | 0.65 |
| 2412.1872 | 16.60 | 13.34 | 84.89   | 0.75 | 0.76 |
| 2412.3396 | 13.40 | 13.12 | 82.47   | 0.77 | 0.69 |
| 2412.4920 | 12.05 | 12.68 | 78.43   | 0.75 | 0.61 |
| 2412.6444 | 14.54 | 13.64 | 85.50   | 0.77 | 0.62 |
| 2412.7968 | 10.96 | 12.84 | 75.20   | 0.79 | 0.72 |
| 2412.9492 | 8.33  | 12.52 | 73.38   | 0.80 | 0.80 |
| 2413.1016 | 10.23 | 12.19 | 71.15   | 0.79 | 0.71 |
| 2413.2540 | 15.71 | 12.66 | 76.41   | 0.77 | 0.66 |
| 2413.4064 | 13.03 | 12.23 | 81.26   | 0.77 | 0.66 |
| 2413.5588 | 7.29  | 10.77 | 87.32   | 0.78 | 0.70 |
| 2413.7112 | 8.07  | 10.58 | 84.89   | 0.80 | 0.71 |
| 2413.8636 | 8.57  | 9.87  | 86.11   | 0.78 | 0.67 |
| 2414.0160 | 7.46  | 9.55  | 82.07   | 0.77 | 0.67 |
| 2414.1684 | 8.19  | 8.93  | 98.23   | 0.77 | 0.77 |
| 2414.3208 | 9.99  | 9.39  | -999.25 | 0.76 | 0.73 |

|           |       |       |       |      |      |
|-----------|-------|-------|-------|------|------|
| 2396.6424 | 21.75 | 25.65 | 75.20 | 0.61 | 0.60 |
| 2396.7948 | 20.26 | 26.27 | 76.81 | 0.61 | 0.58 |
| 2396.9472 | 18.51 | 23.69 | 83.28 | 0.59 | 0.53 |
| 2397.0996 | 10.78 | 21.06 | 79.24 | 0.60 | 0.53 |
| 2397.2520 | 12.91 | 22.15 | 73.98 | 0.59 | 0.51 |
| 2397.4044 | 25.10 | 22.35 | 77.01 | 0.59 | 0.50 |
| 2397.5568 | 39.07 | 21.91 | 68.53 | 0.59 | 0.50 |
| 2397.7092 | 36.38 | 22.05 | 77.62 | 0.59 | 0.53 |
| 2397.8616 | 27.83 | 20.92 | 69.13 | 0.60 | 0.54 |
| 2398.0140 | 43.00 | 21.49 | 73.98 | 0.59 | 0.54 |
| 2398.1664 | 31.28 | 22.22 | 65.90 | 0.58 | 0.52 |
| 2398.3188 | 15.50 | 20.17 | 70.35 | 0.58 | 0.51 |
| 2398.4712 | 16.02 | 21.42 | 73.98 | 0.58 | 0.51 |
| 2398.6236 | 17.98 | 23.73 | 74.79 | 0.59 | 0.51 |
| 2398.7760 | 13.73 | 21.86 | 69.74 | 0.58 | 0.53 |
| 2398.9284 | 16.10 | 21.46 | 70.35 | 0.60 | 0.54 |
| 2399.0808 | 22.64 | 20.22 | 69.54 | 0.58 | 0.52 |
| 2399.2332 | 26.82 | 20.60 | 66.41 | 0.59 | 0.51 |
| 2399.3856 | 21.97 | 19.46 | 70.35 | 0.59 | 0.51 |
| 2399.5380 | 18.96 | 18.37 | 61.46 | 0.61 | 0.50 |
| 2399.6904 | 18.64 | 17.95 | 65.50 | 0.62 | 0.50 |
| 2399.8428 | 16.50 | 18.63 | 78.83 | 0.69 | 0.51 |
| 2399.9952 | 19.67 | 18.73 | 66.31 | 0.72 | 0.59 |
| 2400.1476 | 19.09 | 18.86 | 63.07 | 0.76 | 0.75 |
| 2400.3000 | 17.80 | 19.97 | 77.22 | 0.77 | 0.85 |
| 2400.4524 | 17.36 | 19.19 | 75.80 | 0.76 | 0.71 |
| 2400.6048 | 17.19 | 18.92 | 76.41 | 0.73 | 0.64 |
| 2400.7572 | 18.96 | 18.11 | 84.89 | 0.64 | 0.62 |
| 2400.9096 | 18.27 | 18.28 | 77.62 | 0.66 | 0.64 |
| 2401.0620 | 24.28 | 18.90 | 78.83 | 0.64 | 0.65 |
| 2401.2144 | 30.43 | 19.78 | 82.47 | 0.71 | 0.67 |
| 2401.3668 | 17.52 | 19.16 | 78.02 | 0.71 | 0.68 |
| 2401.5192 | 13.71 | 18.19 | 78.43 | 0.70 | 0.67 |
| 2401.6716 | 8.14  | 15.08 | 80.65 | 0.70 | 0.64 |
| 2401.8240 | 10.04 | 15.71 | 76.41 | 0.70 | 0.63 |
| 2401.9764 | 21.86 | 15.64 | 78.83 | 0.68 | 0.65 |
| 2402.1288 | 19.60 | 16.07 | 71.56 | 0.67 | 0.62 |
| 2402.2812 | 23.00 | 16.11 | 69.94 | 0.67 |      |
| 0.59      |       |       |       |      |      |
| 2402.4336 | 17.65 | 15.97 | 80.04 | 0.67 | 0.63 |
| 2402.5860 | 15.35 | 14.96 | 83.68 | 0.67 | 0.64 |
| 2402.7384 | 17.79 | 14.87 | 77.22 | 0.67 | 0.61 |
| 2402.8908 | 21.49 | 15.44 | 76.71 | 0.67 | 0.59 |
| 2403.0432 | 26.23 | 16.58 | 73.98 | 0.67 | 0.58 |
| 2403.1956 | 33.90 | 21.70 | 74.79 | 0.66 | 0.59 |
| 2403.3480 | 17.46 | 19.28 | 77.01 | 0.66 | 0.59 |
| 2403.5004 | 15.79 | 20.16 | 82.47 | 0.64 | 0.62 |
| 2403.6528 | 21.63 | 19.65 | 80.04 | 0.65 | 0.58 |
| 2403.8052 | 12.53 | 17.59 | 78.23 | 0.65 | 0.57 |
| 2403.9576 | 11.63 | 17.62 | 74.79 | 0.65 | 0.60 |
| 2404.1100 | 13.89 | 17.17 | 81.26 | 0.66 | 0.59 |
| 2404.2624 | 12.77 | 16.35 | 81.66 | 0.66 | 0.59 |
| 2404.4148 | 14.05 | 15.83 | 80.45 | 0.68 | 0.62 |
| 2404.5672 | 19.98 | 15.73 | 92.62 | 0.69 | 0.67 |
| 2404.7196 | 12.80 | 13.72 | 94.90 | 0.70 | 0.74 |
| 2404.8720 | 8.40  | 13.17 | 97.50 | 0.74 | 0.72 |
| 2405.0244 | 9.71  | 12.37 | 88.33 | 0.65 | 0.72 |
| 2405.1768 | 10.58 | 11.68 | 73.98 | 0.75 | 0.71 |
| 2405.3292 | 11.74 | 12.21 | 78.02 | 0.73 | 0.68 |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2387.6508 | 25.58 | 19.38 | 125.30  | 1.39    | 1.07    |
| 2387.8032 | 23.59 | 20.27 | 143.08  | 1.39    | 1.11    |
| 2387.9556 | 20.03 | 19.64 | 170.36  | 1.61    | 1.39    |
| 2388.1080 | 18.91 | 19.91 | 147.33  | 1.79    | 2.70    |
| 2388.2604 | 20.74 | 20.81 | 124.90  | 1.79    | 3.53    |
| 2388.4128 | 18.96 | 21.03 | 120.05  | 1.67    | 3.35    |
| 2388.5652 | 17.52 | 20.99 | 121.26  | 1.32    | 1.69    |
| 2388.7176 | 21.49 | 21.58 | 124.90  | -999.25 | 0.96    |
| 2388.8700 | 24.88 | 21.32 | 99.44   | 1.00    | 0.81    |
| 2389.0224 | 23.93 | 21.16 | 103.48  | 0.92    | 0.87    |
| 2389.1748 | 30.05 | 21.86 | 86.71   | 0.89    | -999.25 |
| 2389.3272 | 25.83 | 21.49 | 83.08   | -999.25 | 0.77    |
| 2389.4796 | 18.54 | 21.48 | 77.62   | 0.87    | 0.75    |
| 2389.6320 | 21.93 | 22.18 | 122.47  | -999.25 | 0.76    |
| 2389.7844 | 24.95 | 22.26 | 78.83   | 0.96    | 0.82    |
| 2389.9368 | 20.31 | 22.54 | -999.25 | 1.02    | 0.98    |
| 2390.0892 | 22.32 | 23.55 | 91.56   | 1.11    | 1.21    |
| 2390.2416 | 23.98 | 23.04 | 95.80   | 1.09    | 1.52    |
| 2390.3940 | 19.38 | 22.35 | 138.84  | 1.03    | 1.17    |
| 2390.5464 | 19.23 | 22.00 | 160.66  | 0.92    | 0.76    |
| 2390.6988 | 18.04 | 20.34 | 109.14  | 0.77    | 0.71    |
| 2390.8512 | 20.56 | 21.08 | 87.92   | 0.73    | 0.66    |
| 2391.0036 | 26.49 | 21.77 | 69.74   | 0.69    | 0.64    |
| 2391.1560 | 24.10 | 21.45 | 70.35   | 0.67    | 0.64    |
| 2391.3084 | 25.93 | 21.91 | 75.80   | 0.65    | 0.59    |
| 2391.4608 | 37.25 | 23.73 | 75.80   | 0.65    | -999.25 |
| 2391.6132 | 26.47 | 22.61 | 73.18   | 0.66    | 0.56    |
| 2391.7656 | 21.68 | 23.25 | 71.56   | -999.25 | 0.57    |
| 2391.9180 | 26.81 | 24.17 | 67.32   | 0.79    | 0.60    |
| 2392.0704 | 28.33 | 25.20 | 67.92   | 0.66    | 0.61    |
| 2392.2228 | 29.30 | 26.95 | 75.20   | 0.66    | 0.62    |
| 2392.3752 | 25.41 | 26.44 | 76.41   | 0.65    | 0.59    |
| 2392.5276 | 21.73 | 25.80 | 80.04   | 0.65    | 0.59    |
| 2392.6800 | 21.70 | 25.81 | 76.10   | 0.77    | 0.60    |
| 2392.8324 | 24.12 | 25.42 | 78.83   | 0.63    | 0.49    |
| 2392.9848 | 21.76 | 23.49 | 73.18   | 0.60    | 0.49    |
| 2393.1372 | 30.62 | 26.10 | 70.35   | 0.61    | 0.53    |
| 2393.2896 | 37.15 | 25.82 | 77.01   | 0.61    | 0.53    |
| 2393.4420 | 40.57 | 27.95 | 80.04   | 0.62    | 0.57    |
| 2393.5944 | 49.86 | 28.03 | 77.01   | 0.61    | 0.58    |
| 2393.7468 | 29.76 | 28.03 | 73.38   | 0.61    | 0.56    |
| 2393.8992 | 36.53 | 30.05 | 76.41   | 0.61    | 0.55    |
| 2394.0516 | 79.89 | 34.51 | 70.35   | 0.60    | 0.54    |
| 2394.2040 | 45.60 | 35.15 | 69.74   | 0.61    | 0.53    |
| 2394.3564 | 29.74 | 36.48 | 72.77   | 0.60    | 0.52    |
| 2394.5088 | 24.69 | 36.55 | 72.16   | 0.60    | 0.51    |
| 2394.6612 | 22.93 | 33.78 | 75.20   | 0.60    | 0.50    |
| 2394.8136 | 30.30 | 35.00 | 66.10   | 0.62    | 0.54    |
| 2394.9660 | 43.11 | 34.12 | 69.13   | 0.61    | 0.57    |
| 2395.1184 | 34.54 | 32.95 | 72.77   | 0.61    | 0.56    |
| 2395.2708 | 26.49 | 33.18 | 73.98   | 0.60    | 0.54    |
| 2395.4232 | 26.38 | 30.81 | 78.23   | 0.60    | 0.54    |
| 2395.5756 | 21.90 | 27.20 | 78.83   | 0.60    | 0.56    |
| 2395.7280 | 15.93 | 24.61 | 76.10   | 0.61    | 0.56    |
| 2395.8804 | 18.69 | 24.54 | 75.20   | 0.61    | 0.56    |
| 2396.0328 | 43.18 | 26.91 | 75.20   | 0.61    | 0.56    |
| 2396.1852 | 40.78 | 27.08 | 69.13   | 0.61    | 0.55    |
| 2396.3376 | 39.86 | 28.11 | 76.81   | 0.62    | 0.54    |
| 2396.4900 | 57.82 | 27.97 | 71.15   | 0.62    | 0.57    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2378.6592 | 17.34 | 20.29 | 155.21  | 4.98    | 4.27    |
| 2378.8116 | 20.05 | 20.26 | 147.93  | 4.81    | 3.92    |
| 2378.9640 | 21.35 | 20.43 | -999.25 | 3.94    | 3.82    |
| 2379.1164 | 21.60 | 20.67 | 167.33  | 4.07    | -999.25 |
| 2379.2688 | 22.02 | 21.07 | -999.25 | -999.25 | 3.35    |
| 2379.4212 | 26.44 | 20.88 | 181.88  | 3.61    | 2.97    |
| 2379.5736 | 34.16 | 21.34 | 181.88  | -999.25 | -999.25 |
| 2379.7260 | 38.85 | 22.49 | 196.42  | 3.61    | -999.25 |
| 2379.8784 | 39.62 | 24.46 | 171.57  | -999.25 | 3.19    |
| 2380.0308 | 41.44 | 27.19 | 167.93  | 3.41    | -999.25 |
| 2380.1832 | 36.79 | 28.74 | 161.27  | -999.25 | 2.53    |
| 2380.3356 | 26.14 | 29.03 | 164.90  | 3.50    | -999.25 |
| 2380.4880 | 21.10 | 28.65 | -999.25 | 3.50    | 2.90    |
| 2380.6404 | 23.20 | 29.58 | 177.03  | -999.25 | 2.90    |
| 2380.7928 | 24.05 | 29.29 | 174.60  | 4.00    | 3.04    |
| 2380.9452 | 21.92 | 28.27 | -999.25 | -999.25 | 3.82    |
| 2381.0976 | 20.36 | 26.24 | 190.36  | 4.49    | -999.25 |
| 2381.2500 | 15.68 | 23.27 | 176.42  | -999.25 | 3.82    |
| 2381.4024 | 17.98 | 22.64 | 169.75  | 4.49    | 3.82    |
| 2381.5548 | 17.53 | 20.18 | 193.39  | 4.34    | 3.72    |
| 2381.7072 | 15.57 | 19.38 | 184.30  | 4.49    | 3.44    |
| 2381.8596 | 19.75 | 19.22 | 169.75  | 4.20    | 3.04    |
| 2382.0120 | 21.43 | 19.44 | 174.60  | -999.25 | 3.27    |
| 2382.1644 | 20.58 | 18.82 | 178.24  | 4.49    | -999.25 |
| 2382.3168 | 15.97 | 17.97 | 197.64  | -999.25 | 3.82    |
| 2382.4692 | 14.02 | 17.16 | 191.57  | -999.25 | -999.25 |
| 2382.6216 | 18.35 | 17.63 | 189.15  | 4.89    | 4.27    |
| 2382.7740 | 21.86 | 18.29 | 201.27  | 4.64    | 4.80    |
| 2382.9264 | 19.68 | 17.93 | 145.51  | -999.25 | 5.11    |
| 2383.0788 | 19.83 | 18.75 | 127.32  | 4.81    | 3.67    |
| 2383.2312 | 24.91 | 19.63 | 149.14  | 4.49    | 3.57    |
| 2383.3836 | 32.39 | 20.25 | 144.30  | 4.49    | 3.72    |
| 2383.5360 | 23.61 | 19.97 | 162.48  | 4.34    | 3.92    |
| 2383.6884 | 18.09 | 19.71 | 170.97  | -999.25 | -999.25 |
| 2383.8408 | 23.26 | 21.66 | 155.21  | 4.07    | 3.82    |
| 2383.9932 | 21.53 | 21.85 | 178.24  | 3.71    | 3.53    |
| 2384.1456 | 17.60 | 21.45 | 180.66  | -999.25 | -999.25 |
| 2384.2980 | 22.57 | 21.99 | 160.05  | 3.50    | 3.11    |
| 2384.4504 | 29.61 | 23.14 | 150.36  | 4.20    | 2.77    |
| 2384.6028 | 34.31 | 24.27 | 139.04  | 3.02    | 2.27    |
| 2384.7552 | 26.80 | 23.45 | 130.96  | 2.84    | 2.00    |
| 2384.9076 | 21.85 | 22.63 | 147.93  | 3.06    | 2.14    |
| 2385.0600 | 22.60 | 23.24 | 149.14  | 3.23    | 2.77    |
| 2385.2124 | 18.26 | 22.68 | 161.27  | -999.25 | 3.04    |
| 2385.3648 | 18.95 | 22.23 | 154.60  | 3.50    | -999.25 |
| 2385.5172 | 22.82 | 22.95 | 175.81  | 3.50    | 3.19    |
| 2385.6696 | 19.93 | 22.91 | 183.09  | -999.25 | 3.27    |
| 2385.8220 | 19.10 | 22.14 | 163.69  | 4.64    | 3.35    |
| 2385.9744 | 17.07 | 20.57 | -999.25 | 3.50    | 3.35    |
| 2386.1268 | 15.55 | 19.15 | 155.21  | 3.27    | 3.11    |
| 2386.2792 | 15.11 | 18.39 | 157.02  | 2.98    | 2.97    |
| 2386.4316 | 18.74 | 18.61 | 179.45  | 2.64    | 3.04    |
| 2386.5840 | 20.65 | 18.11 | 155.21  | -999.25 | 2.83    |
| 2386.7364 | 16.00 | 18.09 | 169.15  | 2.22    | 1.54    |
| 2386.8888 | 15.14 | 17.28 | 115.81  | 1.93    | 1.19    |
| 2387.0412 | 16.91 | 17.14 | 87.32   | 1.76    | 1.35    |
| 2387.1936 | 18.98 | 17.13 | 92.17   | 1.64    | 1.62    |
| 2387.3460 | 22.80 | 17.66 | 120.05  | 2.22    | 1.54    |
| 2387.4984 | 26.95 | 18.49 | 127.32  | 1.42    | 1.30    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2359.6676 | 27.91 | 32.49 | 172.78  | 4.20    | 4.39    |
| 2369.8200 | 22.94 | 31.80 | 167.33  | 4.07    | 4.15    |
| 2369.9724 | 16.97 | 28.94 | 163.69  | 3.82    | 3.53    |
| 2370.1248 | 15.75 | 26.75 | 144.30  | 3.61    | 2.93    |
| 2370.2772 | 19.73 | 25.87 | -999.25 | 3.50    | -999.25 |
| 2370.4296 | 21.54 | 26.38 | 126.11  | 3.61    | 2.64    |
| 2370.5820 | 28.10 | 24.79 | 139.45  | 3.61    | 2.64    |
| 2370.7344 | 26.50 | 23.55 | 157.63  | -999.25 | 3.27    |
| 2370.8868 | 25.22 | 22.66 | 191.57  | 3.41    | -999.25 |
| 2371.0392 | 35.07 | 22.75 | 174.60  | 3.41    | 3.62    |
| 2371.1916 | 34.09 | 23.34 | 178.24  | 3.31    | 3.72    |
| 2371.3440 | 36.47 | 24.56 | 179.45  | 2.91    | 3.53    |
| 2371.4964 | 36.43 | 27.37 | 190.36  | 2.58    | 3.11    |
| 2371.6488 | 29.09 | 28.66 | 181.88  | 2.01    | 2.10    |
| 2371.8012 | 27.33 | 29.65 | -999.25 | 1.60    | 1.28    |
| 2371.9536 | 31.19 | 31.23 | 113.99  | 1.48    | 1.14    |
| 2372.1060 | 32.97 | 30.61 | 107.93  | 1.42    | 1.27    |
| 2372.2584 | 22.50 | 29.97 | 117.63  | 1.39    | 1.56    |
| 2372.4108 | 18.95 | 28.33 | 123.69  | 1.31    | 1.41    |
| 2372.5632 | 23.04 | 27.52 | 115.20  | 1.31    | 0.87    |
| 2372.7156 | 30.74 | 27.83 | 116.41  | 1.37    | 0.94    |
| 2372.8680 | 25.24 | 25.79 | 128.54  | 1.82    | 1.39    |
| 2373.0204 | 17.23 | 23.78 | 158.84  | 2.36    | 1.74    |
| 2373.1728 | 17.16 | 22.96 | 191.57  | 3.23    | 2.58    |
| 2373.3252 | 22.44 | 22.91 | 174.60  | 3.82    | 4.03    |
| 2373.4776 | 15.80 | 20.08 | 179.45  | 4.49    | -999.25 |
| 2373.6300 | 13.49 | 19.08 | 168.54  | -999.25 | 5.28    |
| 2373.7824 | 16.70 | 18.91 | 169.75  | 5.70    | 5.82    |
| 2373.9348 | 17.22 | 18.70 | 153.99  | 6.63    | 5.82    |
| 2374.0872 | 18.63 | 18.20 | 163.69  | -999.25 | 5.82    |
| 2374.2396 | 20.15 | 17.58 | 167.33  | 5.59    | 5.82    |
| 2374.3920 | 22.07 | 17.83 | -999.25 | 4.98    | 5.45    |
| 2374.5444 | 19.72 | 18.04 | 178.85  | 3.94    | -999.25 |
| 2374.6968 | 17.02 | 17.80 | -999.25 | 3.23    | 4.88    |
| 2374.8492 | 12.36 | 15.95 | 167.33  | 2.52    | 4.15    |
| 2375.0016 | 12.41 | 16.77 | 156.42  | 1.79    | -999.25 |
| 2375.1540 | 19.70 | 17.23 | 130.96  | 1.35    | 1.98    |
| 2375.3064 | 19.07 | 17.20 | -999.25 | -999.25 | 1.06    |
| 2375.4588 | 18.23 | 17.43 | 120.66  | 1.19    | 0.91    |
| 2375.6112 | 17.40 | 16.98 | -999.25 | 1.05    | 0.83    |
| 2375.7636 | 19.61 | 17.34 | 117.63  | 1.12    | 0.78    |
| 2375.9160 | 27.84 | 17.54 | 167.33  | -999.25 | 0.78    |
| 2376.0684 | 30.83 | 18.52 | 195.21  | 1.56    | 1.26    |
| 2376.2208 | 35.17 | 19.62 | 225.52  | -999.25 | 1.80    |
| 2376.3732 | 27.56 | 22.19 | -999.25 | 1.93    | 1.94    |
| 2376.5256 | 23.04 | 22.97 | -999.25 | 2.26    | 2.32    |
| 2376.6780 | 30.35 | 24.09 | 207.33  | 2.58    | 2.70    |
| 2376.8304 | 40.22 | 26.30 | -999.25 | 2.77    | 3.04    |
| 2376.9828 | 32.41 | 27.25 | 207.33  | 2.77    | 3.11    |
| 2377.1352 | 23.34 | 28.49 | 170.97  | 2.71    | 2.83    |
| 2377.2876 | 21.17 | 27.82 | -999.25 | -999.25 | 2.42    |
| 2377.4400 | 20.59 | 26.58 | 173.39  | 2.77    | -999.25 |
| 2377.5924 | 19.55 | 25.19 | 187.94  | 2.98    | 1.90    |
| 2377.7448 | 18.93 | 23.53 | 191.57  | 3.14    | 2.35    |
| 2377.8972 | 24.80 | 24.69 | -999.25 | 3.71    | -999.25 |
| 2378.0496 | 30.99 | 24.83 | 172.18  | -999.25 | 3.35    |
| 2378.2020 | 23.34 | 23.54 | 175.81  | 4.20    | 3.92    |
| 2378.3544 | 18.14 | 21.59 | 156.42  | 4.49    | 4.39    |
| 2378.5068 | 15.98 | 20.48 | 151.57  | 4.81    | -999.25 |



|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2360.6760 | 12.82 | 21.71 | 178.24  | 4.07    | 4.27    |
| 2360.8284 | 13.10 | 20.85 | 177.03  | 3.41    | 3.68    |
| 2360.9808 | 16.18 | 19.89 | 181.88  | 2.98    | -999.25 |
| 2361.1332 | 18.48 | 20.17 | 183.09  | 2.77    | 2.90    |
| 2361.2856 | 23.71 | 20.27 | 174.60  | 2.26    | 2.58    |
| 2361.4380 | 22.63 | 20.08 | 164.30  | 1.95    | 1.83    |
| 2361.5904 | 14.39 | 17.92 | 143.08  | 1.67    | 1.59    |
| 2361.7428 | 13.45 | 16.96 | 144.30  | 1.46    | 1.37    |
| 2361.8952 | 16.49 | 16.02 | 138.23  | 1.29    | 1.37    |
| 2362.0476 | 15.37 | 15.92 | 130.96  | 1.12    | -999.25 |
| 2362.2000 | 14.89 | 16.60 | 121.26  | -999.25 | 0.91    |
| 2362.3524 | 13.89 | 16.15 | 109.14  | 1.08    | -999.25 |
| 2362.5048 | 16.59 | 16.68 | -999.25 | 1.08    | 0.98    |
| 2362.6572 | 17.65 | 16.01 | -999.25 | 1.09    | 1.07    |
| 2362.8096 | 16.63 | 15.74 | 111.56  | -999.25 | 1.02    |
| 2362.9620 | 19.72 | 15.69 | 100.65  | -999.25 | -999.25 |
| 2363.1144 | 18.17 | 16.49 | -999.25 | 1.05    | 0.88    |
| 2363.2668 | 19.19 | 16.86 | 113.99  | 1.11    | 1.00    |
| 2363.4192 | 24.40 | 17.63 | 118.84  | 1.12    | 1.11    |
| 2363.5716 | 23.00 | 18.18 | 110.35  | 1.09    | 1.21    |
| 2363.7240 | 9.83  | 15.72 | 117.63  | 1.05    | 1.16    |
| 2363.8764 | 9.42  | 16.17 | 109.14  | 0.98    | 1.06    |
| 2364.0288 | 21.57 | 16.44 | 103.08  | 0.94    | 0.87    |
| 2364.1812 | 13.14 | 15.22 | 104.90  | 0.90    | 0.85    |
| 2364.3336 | 9.61  | 14.36 | 89.74   | -999.25 | 0.88    |
| 2364.4860 | 12.12 | 13.88 | 112.78  | 0.95    | 0.83    |
| 2364.6384 | 15.55 | 13.99 | 105.50  | 1.00    | 1.07    |
| 2364.7908 | 16.35 | 13.54 | 117.63  | 1.01    | 1.05    |
| 2364.9432 | 15.09 | 13.06 | -999.25 | 0.98    | 0.89    |
| 2365.0956 | 17.03 | 13.00 | 108.53  | 0.95    | 0.81    |
| 2365.2480 | 14.55 | 14.30 | 106.71  | 1.05    | 0.80    |
| 2365.4004 | 11.56 | 13.70 | 92.77   | 1.11    | 1.02    |
| 2365.5528 | 13.96 | 13.33 | 99.44   | 1.42    | 1.21    |
| 2365.7052 | 20.52 | 14.81 | 126.11  | -999.25 | -999.25 |
| 2365.8576 | 27.56 | 16.27 | 143.08  | 1.61    | -999.25 |
| 2366.0100 | 14.92 | 15.52 | 139.45  | -999.25 | 1.70    |
| 2366.1624 | 15.60 | 16.29 | -999.25 | 1.67    | 1.67    |
| 2366.3148 | 26.62 | 16.75 | 120.05  | 1.64    | 1.65    |
| 2366.4672 | 25.79 | 17.89 | 126.11  | -999.25 | -999.25 |
| 2366.6196 | 16.94 | 16.73 | 137.02  | 1.48    | 1.74    |
| 2366.7720 | 14.61 | 17.91 | 128.54  | 1.31    | 1.33    |
| 2366.9244 | 13.72 | 17.53 | 121.26  | 1.25    | 1.16    |
| 2367.0768 | 13.25 | 17.66 | -999.25 | 1.22    | 1.05    |
| 2367.2292 | 14.31 | 16.32 | 89.74   | 1.25    | 1.02    |
| 2367.3816 | 9.39  | 14.15 | 113.99  | 1.31    | 1.05    |
| 2367.5340 | 10.43 | 14.91 | 117.63  | 1.42    | 1.14    |
| 2367.6864 | 12.87 | 13.63 | -999.25 | 1.51    | 1.30    |
| 2367.8388 | 15.31 | 13.77 | 112.78  | 1.97    | 1.77    |
| 2367.9912 | 23.70 | 13.50 | 113.99  | 2.09    | 2.27    |
| 2368.1436 | 24.39 | 14.49 | 135.81  | 2.22    | -999.25 |
| 2368.2960 | 26.46 | 14.72 | 132.17  | 2.31    | 2.04    |
| 2368.4484 | 24.96 | 16.02 | 144.30  | 2.41    | 1.90    |
| 2368.6008 | 29.56 | 16.78 | 161.27  | 2.64    | 2.06    |
| 2368.7532 | 33.16 | 18.35 | 153.99  | 2.98    | 2.58    |
| 2368.9056 | 22.83 | 21.25 | 166.12  | 3.41    | 3.27    |
| 2369.0580 | 36.76 | 24.54 | 169.15  | 3.82    | 3.62    |
| 2369.2104 | 67.11 | 28.98 | 167.33  | 4.07    | 4.03    |
| 2369.3628 | 48.48 | 31.44 | 174.60  | 4.20    | -999.25 |
| 2369.5152 | 47.39 | 33.02 | 158.84  | 4.20    | 4.39    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2351.6844 | 20.80 | 16.99 | 111.56  | 1.02    | 0.91    |
| 2351.8368 | 13.19 | 15.30 | -999.25 | 1.08    | 0.95    |
| 2351.9892 | 11.84 | 14.85 | -999.25 | -999.25 | 1.06    |
| 2352.1416 | 15.75 | 14.86 | 115.20  | 1.12    | 1.18    |
| 2352.2940 | 10.31 | 13.64 | -999.25 | -999.25 | 1.21    |
| 2352.4464 | 12.21 | 13.88 | 121.26  | 1.02    | 1.02    |
| 2352.5988 | 21.93 | 14.66 | -999.25 | 0.91    | 0.83    |
| 2352.7512 | 18.87 | 14.99 | 104.29  | 0.89    | 0.78    |
| 2352.9036 | 21.72 | 15.57 | 105.50  | 0.86    | 0.85    |
| 2353.0560 | 18.27 | 15.20 | 105.50  | 0.84    | 0.87    |
| 2353.2084 | 9.89  | 13.36 | 104.29  | 0.80    | 0.78    |
| 2353.3608 | 10.08 | 14.19 | 111.56  | 0.78    | 0.71    |
| 2353.5132 | 13.14 | 13.67 | -999.25 | 0.76    | 0.69    |
| 2353.6656 | 10.72 | 13.08 | 100.65  | 0.76    | 0.71    |
| 2353.8180 | 10.35 | 13.68 | 111.56  | 0.76    | 0.72    |
| 2353.9704 | 13.04 | 13.27 | 111.56  | 0.74    | -999.25 |
| 2354.1228 | 15.56 | 13.02 | -999.25 | 0.75    | 0.69    |
| 2354.2752 | 15.13 | 12.82 | 98.23   | 0.76    | -999.25 |
| 2354.4276 | 11.25 | 11.71 | -999.25 | -999.25 | 0.71    |
| 2354.5800 | 14.46 | 12.36 | 109.14  | 0.76    | 0.72    |
| 2354.7324 | 22.39 | 13.50 | 101.87  | 0.77    | 0.71    |
| 2354.8848 | 17.16 | 13.75 | 97.02   | 0.75    | 0.70    |
| 2355.0372 | 11.74 | 13.17 | -999.25 | -999.25 | -999.25 |
| 2355.1896 | 9.15  | 13.17 | 107.93  | 0.79    | -999.25 |
| 2355.3420 | 13.25 | 13.95 | 116.41  | -999.25 | 0.69    |
| 2355.4944 | 20.92 | 14.26 | -999.25 | 0.79    | -999.25 |
| 2355.6468 | 16.84 | 14.14 | 110.35  | 0.82    | 0.71    |
| 2355.7992 | 17.31 | 14.60 | 108.53  | 0.88    | -999.25 |
| 2355.9516 | 18.26 | 15.65 | -999.25 | -999.25 | -999.25 |
| 2356.1040 | 20.98 | 15.58 | 100.65  | 0.86    | 0.81    |
| 2356.2564 | 33.19 | 16.39 | 107.93  | 1.05    | -999.25 |
| 2356.4088 | 13.17 | 14.77 | 122.47  | 1.12    | 0.98    |
| 2356.5612 | 12.01 | 16.50 | 113.99  | 1.27    | 1.05    |
| 2356.7136 | 17.81 | 17.52 | -999.25 | 1.42    | 1.30    |
| 2356.8660 | 16.08 | 17.26 | 118.84  | 1.79    | -999.25 |
| 2357.0184 | 15.46 | 16.54 | 115.20  | 1.97    | 1.83    |
| 2357.1708 | 14.45 | 16.69 | 126.11  | -999.25 | 1.87    |
| 2357.3232 | 15.29 | 16.14 | 118.84  | 2.17    | -999.25 |
| 2357.4756 | 15.54 | 16.18 | 133.38  | -999.25 | 1.77    |
| 2357.6280 | 13.16 | 14.78 | 150.36  | 2.17    | -999.25 |
| 2357.7804 | 15.37 | 14.53 | 151.57  | 2.22    | 2.23    |
| 2357.9328 | 24.94 | 16.54 | 174.60  | 2.01    | 2.06    |
| 2358.0852 | 26.97 | 16.79 | 198.85  | -999.25 | 2.23    |
| 2358.2376 | 27.37 | 17.68 | 177.03  | 1.73    | -999.25 |
| 2358.3900 | 26.15 | 18.26 | 202.48  | 1.70    | 1.33    |
| 2358.5424 | 22.96 | 19.11 | 212.18  | 1.51    | 1.09    |
| 2358.6948 | 21.37 | 19.88 | 192.79  | 1.44    | -999.25 |
| 2358.8472 | 23.77 | 20.99 | -999.25 | 1.46    | 1.35    |
| 2358.9996 | 22.86 | 21.65 | 206.12  | 1.48    | 1.20    |
| 2359.1520 | 23.60 | 24.43 | -999.25 | 1.61    | -999.25 |
| 2359.3044 | 26.69 | 24.59 | 203.70  | 1.76    | 1.12    |
| 2359.4568 | 24.59 | 24.37 | 203.70  | 2.17    | 2.02    |
| 2359.6092 | 21.70 | 23.55 | 180.66  | 2.98    | 3.35    |
| 2359.7616 | 21.31 | 23.19 | -999.25 | 3.23    | 4.03    |
| 2359.9140 | 23.19 | 23.02 | 146.72  | 3.82    | 4.27    |
| 2360.0664 | 26.97 | 23.91 | 146.72  | 4.07    | 4.52    |
| 2360.2188 | 35.05 | 25.13 | 168.54  | 4.34    | 4.52    |
| 2360.3712 | 36.18 | 25.69 | 181.88  | 4.49    | 4.52    |
| 2360.5236 | 21.83 | 24.87 | 152.78  | 4.34    | 4.52    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2342.6928 | 18.58 | 19.94 | 83.68   | 0.77    | 0.71    |
| 2342.8452 | 23.57 | 20.91 | 70.35   | 0.79    | -999.25 |
| 2342.9976 | 22.04 | 21.52 | 60.65   | 0.77    | 0.71    |
| 2343.1500 | 23.60 | 20.70 | -999.25 | 0.76    | 0.76    |
| 2343.3024 | 25.23 | 21.57 | 77.62   | 0.75    | 0.70    |
| 2343.4548 | 22.08 | 21.12 | 73.98   | 0.75    | 0.71    |
| 2343.6072 | 26.82 | 22.86 | 72.16   | 0.76    | 0.74    |
| 2343.7596 | 30.69 | 22.36 | 86.11   | 0.77    | 0.75    |
| 2343.9120 | 24.60 | 23.07 | 77.62   | 0.80    | 0.78    |
| 2344.0644 | 30.20 | 25.54 | 80.04   | 0.78    | -999.25 |
| 2344.2168 | 39.56 | 26.57 | 84.89   | -999.25 | 0.74    |
| 2344.3692 | 38.77 | 27.91 | 80.04   | 0.77    | 0.74    |
| 2344.5216 | 28.99 | 28.20 | 73.38   | 0.78    | 0.77    |
| 2344.6740 | 32.04 | 29.76 | 76.41   | 0.78    | 0.75    |
| 2344.8264 | 26.95 | 28.60 | 83.68   | 0.74    | 0.71    |
| 2344.9788 | 18.03 | 28.06 | 80.04   | 0.74    | 0.67    |
| 2345.1312 | 22.06 | 27.34 | 74.59   | 0.76    | 0.71    |
| 2345.2836 | 25.68 | 27.10 | 80.04   | 0.79    | -999.25 |
| 2345.4360 | 20.06 | 26.03 | 86.11   | 0.79    | 0.81    |
| 2345.5884 | 20.89 | 25.09 | 83.68   | 0.74    | 0.78    |
| 2345.7408 | 26.14 | 24.39 | 77.62   | 0.72    | 0.70    |
| 2345.8932 | 18.24 | 21.90 | 88.53   | 0.73    | 0.67    |
| 2346.0456 | 20.92 | 22.90 | 81.26   | 0.75    | 0.68    |
| 2346.1980 | 27.14 | 21.37 | 89.74   | -999.25 | 0.68    |
| 2346.3504 | 20.60 | 21.76 | 80.04   | 0.76    | -999.25 |
| 2346.5028 | 20.98 | 22.11 | 87.32   | 0.77    | 0.77    |
| 2346.6552 | 15.70 | 20.15 | 83.68   | 0.76    | 0.74    |
| 2346.8076 | 17.42 | 20.44 | 77.62   | 0.75    | 0.71    |
| 2346.9600 | 28.47 | 21.42 | 80.04   | 0.75    | 0.71    |
| 2347.1124 | 22.80 | 20.78 | 76.81   | 0.77    | 0.71    |
| 2347.2648 | 21.49 | 20.69 | 87.32   | 0.79    | 0.74    |
| 2347.4172 | 25.84 | 22.27 | 78.83   | 0.80    | 0.79    |
| 2347.5696 | 25.97 | 21.52 | 89.74   | 0.80    | 0.78    |
| 2347.7220 | 24.37 | 21.87 | 83.68   | 0.81    | 0.77    |
| 2347.8744 | 17.29 | 20.69 | -999.25 | 0.80    | 0.79    |
| 2348.0268 | 15.69 | 20.43 | 83.68   | 0.80    | 0.75    |
| 2348.1792 | 21.70 | 22.31 | 84.89   | 0.78    | 0.74    |
| 2348.3316 | 20.64 | 21.21 | 72.16   | 0.79    | 0.73    |
| 2348.4840 | 18.13 | 20.48 | 92.17   | 0.80    | 0.74    |
| 2348.6364 | 26.69 | 21.80 | 92.17   | 0.84    | 0.77    |
| 2348.7888 | 25.91 | 21.17 | 87.32   | 0.86    | 0.79    |
| 2348.9412 | 20.87 | 20.96 | 98.23   | 0.89    | 0.88    |
| 2349.0936 | 18.39 | 19.84 | 86.11   | 0.88    | 0.81    |
| 2349.2460 | 14.73 | 18.84 | 95.80   | 0.89    | 0.86    |
| 2349.3984 | 17.88 | 19.99 | -999.25 | 0.88    | 0.92    |
| 2349.5508 | 23.63 | 20.49 | 104.90  | 0.86    | 0.85    |
| 2349.7032 | 11.56 | 17.21 | 101.87  | 0.82    | 0.76    |
| 2349.8556 | 11.23 | 17.57 | 85.30   | 0.80    | 0.74    |
| 2350.0080 | 22.17 | 17.82 | -999.25 | 0.81    | 0.72    |
| 2350.1604 | 25.14 | 17.43 | 88.53   | 0.85    | 0.75    |
| 2350.3128 | 23.35 | 17.56 | 95.00   | 0.88    | 0.80    |
| 2350.4652 | 23.80 | 17.79 | 113.99  | 0.90    | 0.92    |
| 2350.6176 | 18.59 | 17.59 | 98.83   | 0.92    | 0.91    |
| 2350.7700 | 14.90 | 17.84 | -999.25 | 0.95    | 0.90    |
| 2350.9224 | 17.21 | 17.46 | 104.29  | 0.94    | 0.90    |
| 2351.0748 | 14.06 | 16.18 | 100.65  | 0.96    | -999.25 |
| 2351.2272 | 12.56 | 17.89 | 82.47   | 0.96    | 0.91    |
| 2351.3796 | 15.18 | 17.49 | 99.44   | 0.96    | 0.90    |
| 2351.5320 | 16.86 | 17.02 | 97.02   | 0.98    | 0.88    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2333.7012 | 22.45 | 19.25 | 152.78  | 2.44    | 2.37    |
| 2333.8536 | 17.24 | 17.36 | 158.84  | 2.77    | 2.53    |
| 2334.0060 | 15.00 | 17.71 | 157.63  | 3.14    | 2.32    |
| 2334.1584 | 17.79 | 18.12 | 152.78  | 3.31    | 2.70    |
| 2334.3108 | 15.97 | 17.14 | 161.27  | 3.50    | 3.92    |
| 2334.4632 | 13.19 | 16.01 | 175.81  | 3.94    | -999.25 |
| 2334.6156 | 12.85 | 16.25 | 207.33  | 3.61    | 4.33    |
| 2334.7680 | 16.21 | 16.06 | 189.15  | 3.50    | -999.25 |
| 2334.9204 | 18.92 | 16.42 | 178.24  | 3.06    | 4.52    |
| 2335.0728 | 18.82 | 16.40 | 172.18  | 2.67    | 3.67    |
| 2335.2252 | 20.54 | 16.20 | 158.03  | -999.25 | 2.32    |
| 2335.3776 | 18.95 | 16.69 | 150.36  | 2.31    | 1.44    |
| 2335.5300 | 16.26 | 16.48 | 111.56  | 2.31    | 1.48    |
| 2335.6824 | 17.53 | 16.64 | 129.75  | 2.52    | 1.80    |
| 2335.8348 | 19.59 | 17.13 | 132.17  | 2.74    | 2.55    |
| 2335.9872 | 19.53 | 18.12 | 163.09  | 3.14    | 3.04    |
| 2336.1396 | 15.45 | 17.93 | 175.21  | 3.31    | 3.27    |
| 2336.2920 | 13.45 | 17.33 | 172.78  | 3.61    | 3.82    |
| 2336.4444 | 15.64 | 17.25 | 183.09  | 3.82    | -999.25 |
| 2336.5968 | 20.75 | 17.63 | 184.91  | 4.20    | 3.92    |
| 2336.7492 | 18.46 | 16.93 | 161.67  | 4.20    | 3.27    |
| 2336.9016 | 18.19 | 17.50 | 113.99  | 3.36    | 3.19    |
| 2337.0540 | 16.84 | 17.05 | 129.75  | 4.34    | 3.35    |
| 2337.2064 | 17.84 | 17.56 | 151.57  | 4.64    | 3.77    |
| 2337.3588 | 26.73 | 17.88 | 156.42  | 4.64    | 4.39    |
| 2337.5112 | 20.65 | 17.73 | 167.33  | 5.17    | -999.25 |
| 2337.6636 | 18.99 | 18.69 | 180.66  | 4.81    | 4.27    |
| 2337.8160 | 12.61 | 17.43 | 180.66  | 4.72    | 4.39    |
| 2337.9684 | 12.67 | 17.70 | 192.79  | 4.49    | 4.15    |
| 2338.1208 | 22.01 | 17.60 | 175.21  | 4.07    | 4.21    |
| 2338.2732 | 18.22 | 17.65 | 167.33  | 3.88    | 4.15    |
| 2338.4256 | 19.39 | 17.81 | 169.75  | 3.50    | 4.07    |
| 2338.5780 | 22.42 | 18.62 | 164.30  | 2.71    | 3.44    |
| 2338.7304 | 16.27 | 17.47 | -999.25 | 2.17    | -999.25 |
| 2338.8828 | 16.24 | 17.08 | 98.23   | 1.97    | 1.80    |
| 2339.0352 | 14.10 | 16.20 | 61.86   | 1.76    | 1.59    |
| 2339.1876 | 14.10 | 16.08 | -999.25 | 1.40    | 2.10    |
| 2339.3400 | 20.88 | 18.03 | 118.43  | 1.06    | 1.22    |
| 2339.4924 | 20.40 | 17.79 | 93.38   | 0.86    | 0.70    |
| 2339.6448 | 28.97 | 18.77 | 87.32   | 0.79    | 0.68    |
| 2339.7972 | 29.50 | 19.23 | 66.71   | 0.79    | 0.71    |
| 2339.9496 | 10.03 | 15.90 | 65.50   | 0.80    | 0.71    |
| 2340.1020 | 12.00 | 16.73 | 65.50   | 0.80    | 0.71    |
| 2340.2544 | 18.89 | 16.34 | 66.71   | 0.77    | 0.75    |
| 2340.4068 | 14.52 | 16.34 | 72.16   | 0.75    | 0.75    |
| 2340.5592 | 17.86 | 17.18 | 164.90  | 0.74    | 0.67    |
| 2340.7116 | 17.01 | 17.01 | 66.10   | 0.74    | 0.67    |
| 2340.8640 | 15.92 | 16.34 | -999.25 | 0.74    | 0.68    |
| 2341.0164 | 22.18 | 17.24 | 63.07   | 0.74    | 0.69    |
| 2341.1688 | 25.17 | 16.07 | 57.01   | 0.74    | 0.68    |
| 2341.3212 | 15.55 | 15.60 | 67.92   | 0.76    | 0.69    |
| 2341.4736 | 15.67 | 18.16 | 59.44   | -999.25 | 0.71    |
| 2341.6260 | 25.02 | 18.05 | 61.86   | 0.77    | 0.69    |
| 2341.7784 | 24.93 | 19.05 | 59.44   | 0.74    | 0.62    |
| 2341.9308 | 20.00 | 19.37 | 71.56   | 0.74    | -999.25 |
| 2342.0832 | 19.85 | 19.47 | -999.25 | 0.76    | 0.65    |
| 2342.2356 | 21.87 | 20.40 | 65.50   | 0.79    | 0.78    |
| 2342.3880 | 23.45 | 21.13 | 78.83   | 0.75    | -999.25 |
| 2342.5404 | 16.40 | 19.16 | 83.68   | 0.79    | 0.72    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2324.7096 | 23.94 | 33.61 | 97.62   | 1.19    | 1.44    |
| 2324.8620 | 27.96 | 34.87 | 109.14  | 1.19    | 1.25    |
| 2325.0144 | 47.01 | 36.16 | -999.25 | 1.39    | 0.80    |
| 2325.1668 | 37.58 | 35.12 | 86.11   | 1.53    | 0.87    |
| 2325.3192 | 30.80 | 33.27 | 121.87  | 2.13    | 2.14    |
| 2325.4716 | 25.17 | 30.64 | -999.25 | -999.25 | 2.64    |
| 2325.6240 | 27.12 | 30.56 | 180.66  | 2.47    | 2.90    |
| 2325.7764 | 29.71 | 30.31 | 184.30  | -999.25 | 2.83    |
| 2325.9288 | 28.47 | 29.85 | 179.45  | 2.98    | 4.15    |
| 2326.0812 | 35.97 | 30.57 | 158.84  | 2.24    | 2.70    |
| 2326.2336 | 39.19 | 33.06 | 158.84  | 1.91    | 2.47    |
| 2326.3860 | 25.98 | 30.07 | -999.25 | 1.64    | 1.40    |
| 2326.5384 | 21.05 | 28.17 | 93.38   | -999.25 | -999.25 |
| 2326.6908 | 20.62 | 26.57 | 89.74   | 1.42    | 0.96    |
| 2326.8432 | 21.37 | 26.07 | 98.23   | 1.48    | 1.05    |
| 2326.9956 | 16.88 | 24.07 | -999.25 | 1.99    | 1.59    |
| 2327.1480 | 12.96 | 21.54 | 156.42  | 2.52    | 2.37    |
| 2327.3004 | 18.74 | 21.99 | 187.94  | -999.25 | 3.04    |
| 2327.4528 | 21.78 | 20.59 | 190.36  | 3.10    | 3.92    |
| 2327.6052 | 23.64 | 20.67 | -999.25 | 3.61    | 4.66    |
| 2327.7576 | 31.51 | 20.07 | 173.39  | -999.25 | -999.25 |
| 2327.9100 | 29.98 | 21.12 | 147.93  | 4.20    | 4.03    |
| 2328.0624 | 28.20 | 21.09 | 127.32  | 4.34    | 3.35    |
| 2328.2148 | 16.78 | 20.17 | 147.93  | 4.49    | 3.53    |
| 2328.3672 | 17.00 | 20.07 | 151.57  | 4.49    | -999.25 |
| 2328.5196 | 25.54 | 21.95 | 152.78  | 4.49    | 4.09    |
| 2328.6720 | 32.15 | 24.62 | -999.25 | 4.98    | 3.92    |
| 2328.8244 | 36.52 | 24.78 | 149.55  | 4.89    | 4.27    |
| 2328.9768 | 31.12 | 26.42 | -999.25 | -999.25 | 4.52    |
| 2329.1292 | 27.11 | 25.46 | 168.54  | 5.17    | 4.39    |
| 2329.2816 | 22.60 | 24.78 | 163.69  | 5.37    | 4.52    |
| 2329.4340 | 17.78 | 22.80 | 174.60  | 5.17    | 4.66    |
| 2329.5864 | 18.29 | 22.62 | 180.06  | 5.59    | -999.25 |
| 2329.7388 | 18.08 | 23.26 | 194.00  | -999.25 | 4.80    |
| 2329.8912 | 15.62 | 22.11 | -999.25 | 5.37    | 4.39    |
| 2330.0436 | 16.86 | 21.27 | 185.51  | 5.37    | 4.03    |
| 2330.1960 | 19.69 | 20.34 | 181.88  | 5.17    | -999.25 |
| 2330.3484 | 20.65 | 19.52 | 203.70  | -999.25 | 4.15    |
| 2330.5008 | 19.18 | 18.80 | 200.06  | 4.81    | 4.15    |
| 2330.6532 | 20.36 | 18.63 | 194.00  | 4.49    | -999.25 |
| 2330.8056 | 31.87 | 19.76 | 179.45  | -999.25 | 4.66    |
| 2330.9580 | 43.43 | 21.26 | 166.12  | 3.82    | 4.66    |
| 2331.1104 | 43.86 | 22.61 | -999.25 | 3.41    | 4.15    |
| 2331.2628 | 31.32 | 23.61 | 191.57  | -999.25 | 2.27    |
| 2331.4152 | 16.10 | 22.81 | 154.60  | 3.23    | 2.27    |
| 2331.5676 | 14.86 | 22.75 | -999.25 | 3.61    | 2.53    |
| 2331.7200 | 21.68 | 23.30 | 170.97  | -999.25 | 3.19    |
| 2331.8724 | 19.59 | 22.48 | 178.85  | 3.82    | 3.82    |
| 2332.0248 | 17.24 | 22.68 | 169.75  | 3.94    | 3.92    |
| 2332.1772 | 15.07 | 20.86 | 192.79  | -999.25 | -999.25 |
| 2332.3296 | 19.41 | 20.78 | 180.66  | 3.46    | 3.92    |
| 2332.4820 | 22.63 | 19.17 | 173.39  | 3.06    | 4.15    |
| 2332.6344 | 14.66 | 17.48 | 151.57  | 2.71    | 3.92    |
| 2332.7868 | 18.81 | 17.72 | 140.66  | 2.41    | 2.50    |
| 2332.9392 | 25.34 | 18.99 | 137.02  | 2.13    | 1.62    |
| 2333.0916 | 16.17 | 18.07 | 140.66  | -999.25 | -999.25 |
| 2333.2440 | 15.95 | 17.86 | 162.48  | 1.99    | 1.51    |
| 2333.3964 | 17.84 | 17.75 | 179.45  | 2.26    | 1.67    |
| 2333.5488 | 16.78 | 17.76 | 189.15  | -999.25 | 1.65    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2315.7180 | 18.13 | 16.18 | 72.77   | 0.86    | 0.87    |
| 2315.8704 | 15.41 | 17.09 | 77.62   | 0.87    | 0.77    |
| 2316.0228 | 14.48 | 17.15 | 73.98   | 0.83    | 0.74    |
| 2316.1752 | 14.04 | 17.29 | 73.98   | 0.80    | 0.78    |
| 2316.3276 | 15.45 | 17.79 | 59.44   | 0.83    | 0.75    |
| 2316.4800 | 15.72 | 16.85 | 70.35   | 0.83    | 0.76    |
| 2316.6324 | 14.33 | 16.03 | 72.77   | 0.80    | 0.81    |
| 2316.7848 | 18.58 | 16.04 | 71.56   | -999.25 | 0.78    |
| 2316.9372 | 19.19 | 16.08 | 70.35   | 0.82    | 0.71    |
| 2317.0896 | 15.45 | 15.71 | 88.53   | -999.25 | -999.25 |
| 2317.2420 | 17.01 | 15.90 | 78.83   | 0.91    | -999.25 |
| 2317.3944 | 16.06 | 15.84 | 86.11   | 0.92    | 1.02    |
| 2317.5468 | 14.00 | 15.78 | 72.77   | 0.91    | 0.89    |
| 2317.6992 | 16.21 | 16.33 | -999.25 | 0.88    | 0.85    |
| 2317.8516 | 19.44 | 16.47 | 75.20   | 0.88    | 0.81    |
| 2318.0040 | 20.53 | 17.17 | 81.26   | 0.90    | 0.80    |
| 2318.1564 | 20.67 | 17.72 | 89.74   | 0.91    | 0.84    |
| 2318.3088 | 24.66 | 17.99 | 83.08   | 0.95    | 0.89    |
| 2318.4612 | 22.39 | 18.20 | -999.25 | 1.00    | 0.95    |
| 2318.6136 | 18.48 | 18.70 | 78.23   | 1.00    | 0.98    |
| 2318.7660 | 20.55 | 18.90 | 81.26   | 1.01    | 0.97    |
| 2318.9184 | 21.26 | 19.83 | 92.17   | 1.02    | 0.88    |
| 2319.0708 | 20.01 | 20.57 | 76.41   | 1.04    | 0.98    |
| 2319.2232 | 18.51 | 20.45 | 86.11   | 1.08    | 1.03    |
| 2319.3756 | 15.93 | 19.65 | 81.26   | 1.08    | 1.06    |
| 2319.5280 | 18.46 | 20.01 | 86.11   | 1.06    | 1.03    |
| 2319.6804 | 24.14 | 20.20 | 82.47   | 1.08    | 1.00    |
| 2319.8328 | 26.18 | 20.20 | 84.89   | 1.09    | 1.03    |
| 2319.9852 | 44.76 | 22.20 | 90.96   | 1.11    | 1.11    |
| 2320.1376 | 63.07 | 23.89 | 110.35  | 1.06    | 1.12    |
| 2320.2900 | 62.73 | 25.98 | 95.80   | 1.04    | 0.94    |
| 2320.4424 | 56.93 | 27.81 | 90.96   | 1.02    | 0.86    |
| 2320.5948 | 42.96 | 30.16 | 97.62   | 1.04    | 0.98    |
| 2320.7472 | 41.63 | 33.38 | 88.53   | 1.08    | 1.00    |
| 2320.8996 | 63.10 | 42.07 | 83.68   | 1.14    | 1.03    |
| 2321.0520 | 69.67 | 45.46 | 103.08  | 1.14    | 1.19    |
| 2321.2044 | 60.91 | 53.29 | 111.56  | 1.14    | 1.17    |
| 2321.3568 | 53.69 | 55.30 | 111.56  | 1.14    | -999.25 |
| 2321.5092 | 37.40 | 50.91 | -999.25 | 1.14    | 1.05    |
| 2321.6616 | 33.16 | 47.74 | 107.32  | -999.25 | 1.06    |
| 2321.8140 | 44.45 | 47.72 | 99.44   | 1.22    | 1.14    |
| 2321.9664 | 44.96 | 45.70 | 97.62   | 1.27    | 1.28    |
| 2322.1188 | 42.32 | 47.56 | 113.99  | 1.28    | 1.17    |
| 2322.2712 | 39.68 | 45.21 | 109.14  | 1.31    | 1.13    |
| 2322.4236 | 44.42 | 44.72 | 104.29  | 1.42    | 1.21    |
| 2322.5760 | 60.41 | 44.33 | 129.75  | 1.47    | 1.44    |
| 2322.7284 | 60.59 | 44.69 | 111.56  | -999.25 | 1.80    |
| 2322.8808 | 53.34 | 44.28 | 129.75  | 1.45    | 1.48    |
| 2323.0332 | 44.18 | 46.39 | 128.54  | 1.31    | 1.25    |
| 2323.1856 | 36.50 | 45.39 | 109.75  | 1.22    | 1.09    |
| 2323.3380 | 31.57 | 42.75 | 89.74   | 1.20    | 1.03    |
| 2323.4904 | 31.48 | 41.78 | 95.20   | 1.17    | 1.14    |
| 2323.6428 | 36.20 | 41.34 | 105.50  | 1.19    | 1.11    |
| 2323.7952 | 48.85 | 43.51 | 110.35  | 1.17    | 1.17    |
| 2323.9476 | 52.84 | 42.60 | 116.41  | 1.10    | 1.26    |
| 2324.1000 | 42.48 | 41.01 | 105.50  | 1.04    | 1.21    |
| 2324.2524 | 31.37 | 37.67 | 109.14  | 1.04    | 0.88    |
| 2324.4048 | 32.02 | 37.20 | 93.38   | 1.11    | 0.86    |
| 2324.5572 | 34.25 | 35.89 | -999.25 | 1.17    | 1.21    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2306.7264 | 11.75 | 14.72 | -999.25 | -999.25 | -999.25 |
| 2306.8788 | 23.51 | 16.18 | 127.32  | 2.41    | -999.25 |
| 2307.0312 | 44.49 | 17.31 | -999.25 | -999.25 | 2.06    |
| 2307.1836 | 23.74 | 17.19 | 153.99  | 2.31    | -999.25 |
| 2307.3360 | 21.46 | 18.31 | -999.25 | -999.25 | 1.98    |
| 2307.4884 | 20.52 | 19.08 | 146.72  | 2.41    | -999.25 |
| 2307.6408 | 16.53 | 18.53 | 135.81  | -999.25 | 1.98    |
| 2307.7932 | 17.06 | 19.15 | -999.25 | -999.25 | -999.25 |
| 2307.9456 | 17.98 | 18.50 | -999.25 | 2.26    | 1.87    |
| 2308.0980 | 16.48 | 19.79 | 144.30  | 2.26    | -999.25 |
| 2308.2504 | 17.94 | 20.75 | 160.05  | -999.25 | 1.77    |
| 2308.4028 | 17.68 | 18.75 | 144.30  | 2.58    | -999.25 |
| 2308.5552 | 18.20 | 18.29 | -999.25 | -999.25 | 1.67    |
| 2308.7076 | 17.58 | 17.76 | 152.78  | -999.25 | -999.25 |
| 2308.8600 | 19.35 | 17.95 | 152.78  | 4.07    | -999.25 |
| 2309.0124 | 21.11 | 17.85 | 77.62   | -999.25 | 4.39    |
| 2309.1648 | 19.13 | 18.50 | -999.25 | 4.98    | -999.25 |
| 2309.3172 | 17.16 | 17.87 | 52.16   | 5.59    | 9.66    |
| 2309.4696 | 15.73 | 17.97 | 59.44   | -999.25 | 11.34   |
| 2309.6220 | 20.15 | 18.61 | 70.35   | 5.37    | -999.25 |
| 2309.7744 | 23.18 | 18.82 | 84.89   | -999.25 | 7.51    |
| 2309.9268 | 14.58 | 17.81 | 127.93  | 3.94    | -999.25 |
| 2310.0792 | 11.88 | 16.96 | 178.24  | -999.25 | 4.95    |
| 2310.2316 | 17.16 | 17.72 | 196.42  | 3.06    | -999.25 |
| 2310.3840 | 17.70 | 16.69 | 190.36  | -999.25 | 3.04    |
| 2310.5364 | 13.81 | 16.28 | 155.21  | 2.31    | -999.25 |
| 2310.6888 | 12.06 | 15.14 | 118.84  | 2.13    | 1.56    |
| 2310.8412 | 11.01 | 14.72 | -999.25 | 2.09    | 1.54    |
| 2310.9936 | 13.95 | 14.78 | 104.29  | -999.25 | -999.25 |
| 2311.1460 | 18.20 | 14.49 | 147.93  | 2.84    | -999.25 |
| 2311.2984 | 14.83 | 13.79 | 149.14  | -999.25 | 2.53    |
| 2311.4508 | 10.60 | 13.49 | -999.25 | 3.23    | 3.44    |
| 2311.6032 | 10.54 | 13.39 | 172.18  | 3.41    | 4.39    |
| 2311.7556 | 12.26 | 12.69 | 143.08  | 4.64    | -999.25 |
| 2311.9080 | 14.93 | 13.03 | 151.57  | 4.81    | 4.15    |
| 2312.0604 | 16.52 | 13.08 | -999.25 | -999.25 | 4.27    |
| 2312.2128 | 14.28 | 13.48 | 162.48  | 5.37    | -999.25 |
| 2312.3652 | 17.26 | 14.32 | 171.57  | 5.59    | 4.39    |
| 2312.5176 | 26.41 | 14.83 | 168.54  | 5.17    | 4.27    |
| 2312.6700 | 24.41 | 14.91 | 187.94  | -999.25 | 4.52    |
| 2312.8224 | 28.36 | 16.39 | 168.54  | 5.59    | 4.27    |
| 2312.9748 | 29.53 | 18.19 | 153.99  | 5.48    | 3.72    |
| 2313.1272 | 19.51 | 19.13 | 145.51  | 5.59    | 3.92    |
| 2313.2796 | 21.07 | 20.77 | 163.69  | 5.59    | 4.27    |
| 2313.4320 | 28.95 | 21.84 | 178.24  | 6.07    | 4.52    |
| 2313.5844 | 29.01 | 23.29 | 189.15  | 6.94    | 4.52    |
| 2313.7368 | 20.86 | 24.17 | 185.51  | -999.25 | 4.39    |
| 2313.8892 | 22.22 | 24.78 | -999.25 | 6.63    | 5.11    |
| 2314.0416 | 18.30 | 22.36 | -999.25 | 5.82    | -999.25 |
| 2314.1940 | 12.66 | 20.85 | 178.24  | -999.25 | 5.28    |
| 2314.3464 | 10.97 | 17.89 | 176.42  | 4.81    | 4.46    |
| 2314.4988 | 11.56 | 17.10 | 178.24  | 4.07    | 4.39    |
| 2314.6512 | 13.41 | 16.51 | 180.66  | 2.71    | -999.25 |
| 2314.8036 | 13.30 | 15.62 | 166.12  | 1.93    | 3.72    |
| 2314.9560 | 17.83 | 15.41 | 171.57  | -999.25 | 2.83    |
| 2315.1084 | 25.73 | 15.40 | 178.24  | 1.46    | 1.94    |
| 2315.2608 | 25.69 | 15.85 | 112.78  | 0.95    | -999.25 |
| 2315.4132 | 18.78 | 15.02 | 87.92   | 5.82    | 0.69    |
| 2315.5656 | 17.22 | 15.68 | 67.92   | 0.87    | 0.80    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2297.7348 | 24.33 | 26.83 | 215.82  | 0.97    | 0.82    |
| 2297.8872 | 21.28 | 26.97 | 195.21  | 1.01    | 0.80    |
| 2298.0396 | 22.17 | 31.40 | -999.25 | 1.12    | 0.81    |
| 2298.1920 | 20.22 | 26.11 | 209.76  | 1.21    | 0.98    |
| 2298.3444 | 14.40 | 23.26 | 263.10  | 1.25    | 1.26    |
| 2298.4968 | 12.72 | 21.13 | -999.25 | 1.31    | -999.25 |
| 2298.6492 | 16.08 | 20.58 | 245.52  | 1.29    | 1.30    |
| 2298.8016 | 26.40 | 20.41 | 219.46  | 1.24    | 1.17    |
| 2298.9540 | 44.63 | 20.81 | 177.03  | -999.25 | 1.14    |
| 2299.1064 | 48.67 | 21.42 | 179.45  | 1.20    | -999.25 |
| 2299.2588 | 44.72 | 22.57 | 164.30  | 1.18    | 1.02    |
| 2299.4112 | 30.96 | 22.85 | 153.99  | -999.25 | 1.25    |
| 2299.5636 | 27.63 | 23.52 | 151.57  | 1.04    | -999.25 |
| 2299.7160 | 33.65 | 25.12 | 126.72  | 0.94    | 1.03    |
| 2299.8684 | 26.04 | 27.54 | 123.69  | 0.88    | 0.83    |
| 2300.0208 | 23.94 | 30.82 | 106.71  | 0.85    | 0.71    |
| 2300.1732 | 27.52 | 32.11 | 123.69  | 0.85    | 0.78    |
| 2300.3256 | 29.88 | 31.68 | 123.08  | 0.87    | 0.84    |
| 2300.4780 | 33.66 | 30.67 | 126.11  | 0.88    | 0.83    |
| 2300.6304 | 29.88 | 29.29 | 123.08  | 0.89    | 0.79    |
| 2300.7828 | 30.02 | 28.74 | 124.90  | 0.92    | 0.83    |
| 2300.9352 | 24.69 | 27.95 | 122.47  | 0.97    | 0.88    |
| 2301.0876 | 23.13 | 27.63 | 115.20  | 1.08    | 0.88    |
| 2301.2400 | 21.35 | 25.50 | 129.75  | -999.25 | -999.25 |
| 2301.3924 | 15.53 | 24.16 | 126.11  | 1.23    | 1.07    |
| 2301.5448 | 15.64 | 22.91 | 133.38  | 1.33    | 1.26    |
| 2301.6972 | 14.18 | 20.73 | 146.72  | 1.39    | -999.25 |
| 2301.8496 | 13.71 | 19.40 | 145.51  | 1.38    | 1.44    |
| 2302.0020 | 19.25 | 18.98 | 138.23  | 1.35    | 1.39    |
| 2302.1544 | 25.69 | 19.00 | 145.51  | 1.31    | 1.28    |
| 2302.3068 | 25.28 | 18.54 | 132.78  | 1.21    | 1.23    |
| 2302.4592 | 23.11 | 18.80 | 120.05  | 1.12    | 1.02    |
| 2302.6116 | 17.07 | 17.54 | -999.25 | 1.03    | 0.86    |
| 2302.7640 | 13.56 | 17.07 | 115.20  | 1.04    | 0.80    |
| 2302.9164 | 14.78 | 17.34 | 115.20  | 1.06    | 0.89    |
| 2303.0688 | 15.94 | 17.14 | -999.25 | 1.09    | 0.96    |
| 2303.2212 | 12.52 | 16.80 | -999.25 | 1.21    | 0.98    |
| 2303.3736 | 16.46 | 17.89 | 140.66  | 1.27    | 1.09    |
| 2303.5260 | 32.14 | 18.06 | -999.25 | 1.37    | 1.22    |
| 2303.6784 | 22.42 | 17.53 | -999.25 | 1.51    | 1.23    |
| 2303.8308 | 16.70 | 16.83 | 153.99  | 1.55    | 1.47    |
| 2303.9832 | 17.26 | 16.68 | -999.25 | -999.25 | 1.74    |
| 2304.1356 | 24.38 | 17.89 | 132.17  | 1.48    | 1.12    |
| 2304.2880 | 27.11 | 19.02 | -999.25 | 1.46    | 1.02    |
| 2304.4404 | 23.23 | 19.61 | 123.69  | 1.53    | 1.23    |
| 2304.5928 | 21.66 | 20.30 | -999.25 | 1.76    | 1.39    |
| 2304.7452 | 19.52 | 22.10 | 143.08  | 1.82    | 1.51    |
| 2304.8976 | 20.03 | 21.23 | -999.25 | 2.01    | 1.90    |
| 2305.0500 | 18.67 | 20.10 | 146.72  | 2.31    | 2.10    |
| 2305.2024 | 16.06 | 19.75 | -999.25 | 2.58    | 2.37    |
| 2305.3548 | 15.02 | 19.58 | 145.51  | -999.25 | 2.53    |
| 2305.5072 | 13.65 | 18.62 | -999.25 | 2.91    | 2.90    |
| 2305.6596 | 16.59 | 18.20 | -999.25 | 2.98    | 2.97    |
| 2305.8120 | 16.01 | 17.00 | 134.60  | 2.91    | 2.27    |
| 2305.9644 | 12.90 | 16.17 | -999.25 | 2.64    | -999.25 |
| 2306.1168 | 15.70 | 16.05 | 160.05  | -999.25 | 2.77    |
| 2306.2692 | 16.79 | 15.75 | 164.90  | -999.25 | -999.25 |
| 2306.4216 | 18.13 | 15.78 | -999.25 | 2.41    | -999.25 |
| 2306.5740 | 14.47 | 15.01 | 146.72  | -999.25 | 1.51    |



|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2288.7432 | 20.19 | 26.06 | 126.11  | 1.71    | 1.23    |
| 2288.8956 | 30.46 | 26.64 | 122.47  | 1.67    | 1.26    |
| 2289.0480 | 49.89 | 29.48 | 115.20  | 1.67    | 1.30    |
| 2289.2004 | 44.84 | 30.65 | 130.96  | 1.71    | 1.27    |
| 2289.3528 | 46.03 | 32.57 | 133.38  | 1.84    | 1.28    |
| 2289.5052 | 40.32 | 32.83 | 117.02  | -999.25 | 1.35    |
| 2289.6576 | 32.58 | 32.60 | 117.63  | 2.04    | 1.62    |
| 2289.8100 | 40.73 | 34.09 | -999.25 | 2.29    | 1.77    |
| 2289.9624 | 42.29 | 34.33 | 124.90  | 2.84    | 1.83    |
| 2290.1148 | 40.94 | 38.79 | 116.41  | -999.25 | 2.10    |
| 2290.2672 | 45.07 | 42.27 | 124.90  | 3.31    | 3.04    |
| 2290.4196 | 42.11 | 41.73 | 145.51  | -999.25 | 4.03    |
| 2290.5720 | 33.52 | 39.04 | 140.66  | 3.71    | 4.39    |
| 2290.7244 | 31.36 | 38.64 | 141.87  | 3.94    | 4.80    |
| 2290.8768 | 27.80 | 35.13 | 140.66  | 3.55    | 4.80    |
| 2291.0292 | 29.12 | 35.98 | -999.25 | -999.25 | 4.52    |
| 2291.1816 | 31.12 | 34.78 | 150.36  | 2.71    | 3.62    |
| 2291.3340 | 27.11 | 33.05 | 158.84  | 2.36    | 2.90    |
| 2291.4864 | 26.99 | 31.81 | 158.84  | 1.57    | 2.42    |
| 2291.6388 | 23.03 | 29.36 | 170.97  | 1.76    | 1.35    |
| 2291.7912 | 31.94 | 30.07 | 215.82  | 1.08    | 0.60    |
| 2291.9436 | 54.48 | 30.32 | 190.36  | 0.94    | 0.61    |
| 2292.0960 | 50.36 | 31.98 | 151.57  | 0.95    | 1.02    |
| 2292.2484 | 55.65 | 33.12 | 153.99  | 0.91    | 0.96    |
| 2292.4008 | 49.77 | 35.60 | 129.75  | 0.81    | 0.76    |
| 2292.5532 | 44.47 | 35.94 | 128.54  | 0.73    | 0.68    |
| 2292.7056 | 38.67 | 37.27 | 120.66  | 0.72    | 0.67    |
| 2292.8580 | 34.96 | 38.22 | 116.41  | 0.71    | 0.64    |
| 2293.0104 | 35.54 | 39.92 | 128.54  | -999.25 | -999.25 |
| 2293.1628 | 41.00 | 44.72 | -999.25 | 0.70    | 0.64    |
| 2293.3152 | 45.91 | 43.21 | 129.75  | 0.71    | 0.64    |
| 2293.4676 | 42.82 | 42.81 | 137.63  | -999.25 | 0.65    |
| 2293.6200 | 36.03 | 40.45 | 133.38  | 0.74    | 0.68    |
| 2293.7724 | 29.69 | 37.73 | 134.60  | 0.77    | 0.71    |
| 2293.9248 | 26.63 | 35.44 | 143.08  | 0.82    | 0.78    |
| 2294.0772 | 28.17 | 34.36 | 144.30  | 0.87    | 0.72    |
| 2294.2296 | 31.16 | 33.94 | 117.63  | 0.85    | -999.25 |
| 2294.3820 | 33.76 | 34.12 | 116.41  | 0.83    | 0.73    |
| 2294.5344 | 24.74 | 31.33 | 111.56  | 0.85    | 0.76    |
| 2294.6868 | 19.66 | 28.90 | 126.11  | 0.86    | 0.81    |
| 2294.8392 | 20.60 | 26.83 | 131.57  | 0.86    | 0.83    |
| 2294.9916 | 19.91 | 25.01 | 153.99  | -999.25 | 0.82    |
| 2295.1440 | 20.72 | 24.17 | 152.17  | 0.85    | 0.83    |
| 2295.2964 | 23.32 | 23.91 | -999.25 | 0.85    | 0.81    |
| 2295.4488 | 19.85 | 22.76 | 156.42  | 0.86    | 0.79    |
| 2295.6012 | 19.65 | 22.27 | 164.90  | 0.88    | 0.79    |
| 2295.7536 | 29.79 | 22.61 | 167.33  | -999.25 | 0.86    |
| 2295.9060 | 22.48 | 20.89 | -999.25 | 0.92    | 0.85    |
| 2296.0584 | 18.29 | 21.24 | 234.00  | 0.92    | 0.81    |
| 2296.2108 | 26.41 | 22.09 | 213.39  | 0.95    | 0.83    |
| 2296.3632 | 25.84 | 22.16 | -999.25 | 1.02    | 0.99    |
| 2296.5156 | 13.83 | 20.13 | 200.06  | 1.11    | 1.03    |
| 2296.6680 | 23.08 | 22.66 | 209.76  | 1.14    | 1.05    |
| 2296.8204 | 73.00 | 22.81 | -999.25 | 1.14    | 1.12    |
| 2296.9728 | 29.87 | 24.54 | 181.88  | 1.12    | 1.09    |
| 2297.1252 | 29.22 | 24.69 | 206.12  | 1.11    | 1.02    |
| 2297.2776 | 33.93 | 25.04 | 187.94  | 1.08    | 1.02    |
| 2297.4300 | 39.86 | 27.30 | 184.30  | 1.05    | 1.05    |
| 2297.5824 | 31.14 | 28.23 | 190.36  | 1.01    | 0.91    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2279.7516 | 33.66 | 32.54 | 156.42  | -999.25 | -999.25 |
| 2279.9040 | 50.91 | 36.28 | 157.63  | 2.58    | 2.27    |
| 2280.0564 | 35.12 | 35.54 | 162.48  | -999.25 | 2.23    |
| 2280.2088 | 29.00 | 34.55 | -999.25 | 2.52    | 2.18    |
| 2280.3612 | 28.22 | 33.87 | 151.57  | -999.25 | -999.25 |
| 2280.5136 | 27.29 | 33.47 | 158.84  | 2.52    | 2.18    |
| 2280.6660 | 32.63 | 33.87 | 163.69  | 2.52    | 2.14    |
| 2280.8184 | 32.58 | 32.85 | 164.90  | 2.52    | 2.10    |
| 2280.9708 | 30.69 | 31.88 | 153.99  | 2.52    | 2.06    |
| 2281.1232 | 37.48 | 33.75 | 156.42  | -999.25 | 2.10    |
| 2281.2756 | 28.19 | 30.75 | 164.30  | 2.52    | 2.14    |
| 2281.4280 | 17.72 | 27.04 | 151.57  | 2.50    | 2.18    |
| 2281.5804 | 16.41 | 25.63 | 151.57  | 2.52    | 2.18    |
| 2281.7328 | 23.78 | 25.97 | 151.57  | -999.25 | 2.18    |
| 2281.8852 | 39.87 | 27.06 | -999.25 | 2.58    | 2.23    |
| 2282.0376 | 32.84 | 26.84 | 162.48  | 2.58    | 2.32    |
| 2282.1900 | 22.39 | 25.16 | -999.25 | -999.25 | 2.42    |
| 2282.3424 | 26.69 | 25.90 | 153.99  | 2.64    | 2.23    |
| 2282.4948 | 44.06 | 26.47 | 129.75  | 2.64    | 2.23    |
| 2282.6472 | 38.64 | 26.00 | 141.87  | 2.64    | 2.23    |
| 2282.7996 | 31.81 | 27.05 | -999.25 | 2.77    | 2.70    |
| 2282.9520 | 28.55 | 29.26 | 134.60  | 2.84    | 2.58    |
| 2283.1044 | 21.52 | 29.35 | 156.42  | 2.91    | -999.25 |
| 2283.2568 | 18.35 | 27.28 | 141.87  | -999.25 | 2.47    |
| 2283.4092 | 18.58 | 25.11 | -999.25 | 2.84    | -999.25 |
| 2283.5616 | 19.74 | 24.57 | 155.21  | -999.25 | 2.47    |
| 2283.7140 | 24.60 | 25.63 | 146.72  | 2.91    | 2.42    |
| 2283.8664 | 24.41 | 24.15 | 155.21  | 2.84    | 2.37    |
| 2284.0188 | 23.33 | 23.23 | -999.25 | 2.84    | 2.32    |
| 2284.1712 | 26.11 | 22.79 | 157.02  | 2.84    | 2.27    |
| 2284.3236 | 30.94 | 23.13 | 167.33  | 2.91    | 2.37    |
| 2284.4760 | 34.73 | 23.45 | 169.15  | 2.81    | 2.45    |
| 2284.6284 | 26.88 | 24.17 | 170.36  | 2.77    | 2.47    |
| 2284.7808 | 28.57 | 25.81 | 157.63  | 2.84    | 2.42    |
| 2284.9332 | 28.91 | 26.65 | 153.99  | -999.25 | 2.32    |
| 2285.0856 | 23.39 | 26.91 | -999.25 | 2.71    | -999.25 |
| 2285.2380 | 29.36 | 27.62 | 163.69  | -999.25 | 2.32    |
| 2285.3904 | 36.99 | 29.09 | 150.36  | 2.58    | -999.25 |
| 2285.5428 | 29.11 | 28.98 | 140.66  | 2.52    | 2.18    |
| 2285.6952 | 29.09 | 29.77 | 137.63  | -999.25 | 2.02    |
| 2285.8476 | 32.43 | 29.23 | 132.17  | 2.58    | 1.67    |
| 2286.0000 | 27.96 | 28.58 | 141.87  | 2.47    | -999.25 |
| 2286.1524 | 23.47 | 28.34 | 116.41  | 2.47    | 1.77    |
| 2286.3048 | 20.87 | 26.62 | 129.75  | 2.41    | 1.77    |
| 2286.4572 | 20.34 | 26.18 | 127.32  | -999.25 | 2.06    |
| 2286.6096 | 27.72 | 27.60 | 127.32  | 2.41    | -999.25 |
| 2286.7620 | 48.65 | 28.17 | 140.66  | 2.41    | 2.14    |
| 2286.9144 | 40.08 | 27.92 | 126.11  | -999.25 | 2.14    |
| 2287.0668 | 32.80 | 28.80 | 139.45  | 2.47    | 2.23    |
| 2287.2192 | 23.03 | 26.58 | 121.26  | 2.31    | -999.25 |
| 2287.3716 | 23.06 | 26.86 | 130.96  | 2.22    | 2.42    |
| 2287.5240 | 23.62 | 25.68 | 122.47  | 2.04    | 2.02    |
| 2287.6764 | 21.34 | 26.26 | 121.26  | 1.91    | 1.70    |
| 2287.8288 | 26.47 | 27.09 | 109.14  | 1.82    | 1.56    |
| 2287.9812 | 28.07 | 28.27 | 104.29  | 1.82    | 1.63    |
| 2288.1336 | 32.42 | 27.88 | 124.90  | 1.79    | 1.77    |
| 2288.2860 | 33.15 | 26.81 | 113.99  | 1.70    | -999.25 |
| 2288.4384 | 31.87 | 26.92 | 109.75  | 1.70    | 1.70    |
| 2288.5908 | 23.70 | 25.23 | 104.29  | 1.70    | 1.39    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2270.7600 | 49.14 | 36.88 | 174.60  | 1.42    | 1.37    |
| 2270.9124 | 50.45 | 38.76 | 155.21  | -999.25 | 1.30    |
| 2271.0648 | 36.67 | 38.02 | -999.25 | 1.42    | 1.23    |
| 2271.2172 | 30.51 | 39.14 | 164.90  | 1.44    | 1.25    |
| 2271.3696 | 27.76 | 35.89 | 164.90  | 1.53    | -999.25 |
| 2271.5220 | 28.10 | 37.31 | 169.75  | -999.25 | 1.35    |
| 2271.6744 | 37.78 | 38.18 | 177.03  | 1.73    | 1.65    |
| 2271.8268 | 44.50 | 38.52 | -999.25 | 1.79    | -999.25 |
| 2271.9792 | 47.10 | 38.07 | -999.25 | 1.86    | 1.74    |
| 2272.1316 | 36.76 | 36.27 | 170.97  | -999.25 | 1.80    |
| 2272.2840 | 31.41 | 35.01 | 157.63  | 1.89    | 1.74    |
| 2272.4364 | 32.72 | 33.65 | -999.25 | 1.89    | 1.70    |
| 2272.5888 | 36.25 | 34.93 | 147.93  | -999.25 | 1.67    |
| 2272.7412 | 32.18 | 34.04 | -999.25 | 2.01    | -999.25 |
| 2272.8936 | 30.02 | 35.60 | 145.51  | -999.25 | 1.74    |
| 2273.0460 | 36.00 | 35.95 | -999.25 | 2.09    | 1.80    |
| 2273.1984 | 30.25 | 34.01 | 144.30  | 2.17    | -999.25 |
| 2273.3508 | 31.50 | 33.70 | -999.25 | 2.36    | 1.90    |
| 2273.5032 | 34.96 | 32.38 | 140.66  | 2.47    | 2.27    |
| 2273.6556 | 31.29 | 32.65 | 158.84  | 2.47    | 2.30    |
| 2273.8080 | 43.08 | 34.30 | 150.36  | -999.25 | -999.25 |
| 2273.9604 | 61.44 | 36.01 | -999.25 | 2.58    | 2.32    |
| 2274.1128 | 58.06 | 36.93 | 156.42  | 2.58    | 2.42    |
| 2274.2652 | 59.82 | 40.17 | 177.03  | 2.64    | -999.25 |
| 2274.4176 | 69.02 | 42.89 | 180.66  | -999.25 | 2.37    |
| 2274.5700 | 65.54 | 44.66 | 192.79  | 2.41    | 2.14    |
| 2274.7224 | 61.20 | 50.06 | -999.25 | 2.41    | 2.10    |
| 2274.8748 | 50.56 | 50.00 | -999.25 | 2.31    | 2.06    |
| 2275.0272 | 48.38 | 54.39 | 172.18  | -999.25 | -999.25 |
| 2275.1796 | 52.56 | 57.44 | -999.25 | 2.22    | -999.25 |
| 2275.3320 | 56.34 | 57.82 | 160.05  | 2.22    | 1.87    |
| 2275.4844 | 57.92 | 56.79 | -999.25 | -999.25 | 1.80    |
| 2275.6368 | 60.64 | 58.32 | 190.36  | 2.31    | -999.25 |
| 2275.7892 | 53.08 | 55.45 | -999.25 | -999.25 | 2.02    |
| 2275.9416 | 45.02 | 53.50 | 166.12  | 2.31    | -999.25 |
| 2276.0940 | 35.92 | 48.66 | 158.84  | -999.25 | 2.06    |
| 2276.2464 | 35.52 | 47.49 | -999.25 | 2.36    | -999.25 |
| 2276.3988 | 38.65 | 45.94 | 161.27  | -999.25 | 2.10    |
| 2276.5512 | 38.52 | 45.22 | -999.25 | 2.36    | -999.25 |
| 2276.7036 | 31.70 | 41.20 | 164.90  | -999.25 | 2.14    |
| 2276.8560 | 22.25 | 36.30 | 166.12  | 2.36    | 2.10    |
| 2277.0084 | 22.61 | 33.71 | 152.78  | 2.41    | 2.14    |
| 2277.1608 | 35.58 | 33.47 | -999.25 | 2.47    | -999.25 |
| 2277.3132 | 48.33 | 33.29 | 170.97  | -999.25 | 2.23    |
| 2277.4656 | 33.40 | 31.83 | 151.57  | 2.47    | 2.14    |
| 2277.6180 | 28.03 | 31.64 | 169.75  | 2.41    | 2.18    |
| 2277.7704 | 30.20 | 30.85 | 153.99  | 2.47    | 2.18    |
| 2277.9228 | 42.24 | 32.09 | 163.69  | -999.25 | -999.25 |
| 2278.0752 | 47.92 | 31.85 | 166.12  | 2.47    | -999.25 |
| 2278.2276 | 40.23 | 33.53 | 158.84  | -999.25 | 2.10    |
| 2278.3800 | 26.05 | 33.24 | 160.05  | 2.52    | -999.25 |
| 2278.5324 | 24.12 | 34.16 | 161.27  | -999.25 | 2.18    |
| 2278.6848 | 36.24 | 33.36 | 157.63  | 2.64    | -999.25 |
| 2278.8372 | 35.10 | 32.43 | 155.21  | -999.25 | 2.47    |
| 2278.9896 | 31.26 | 32.91 | 163.69  | 2.64    | -999.25 |
| 2279.1420 | 32.64 | 33.53 | 153.99  | -999.25 | 2.32    |
| 2279.2944 | 35.91 | 34.09 | 160.05  | 2.64    | 2.37    |
| 2279.4468 | 42.81 | 33.60 | 157.63  | -999.25 | -999.25 |
| 2279.5992 | 32.51 | 31.93 | -999.25 | 2.64    | 2.32    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2261.7684 | 19.71 | 20.74 | 126.11  | -999.25 | -999.25 |
| 2261.9208 | 23.76 | 21.38 | 139.45  | 3.14    | 2.77    |
| 2262.0732 | 23.18 | 22.85 | 141.87  | -999.25 | -999.25 |
| 2262.2256 | 28.23 | 21.89 | -999.25 | 3.14    | -999.25 |
| 2262.3780 | 17.62 | 21.16 | -999.25 | 3.31    | 2.90    |
| 2262.5304 | 17.93 | 21.47 | 150.36  | -999.25 | 3.11    |
| 2262.6828 | 27.86 | 20.99 | 150.36  | 3.23    | -999.25 |
| 2262.8352 | 27.97 | 21.97 | -999.25 | -999.25 | 3.07    |
| 2262.9876 | 46.14 | 24.02 | 134.60  | 3.23    | 2.97    |
| 2263.1400 | 38.26 | 25.62 | 140.66  | 3.14    | 2.90    |
| 2263.2924 | 26.24 | 25.57 | 157.63  | -999.25 | -999.25 |
| 2263.4448 | 21.19 | 24.97 | -999.25 | 2.98    | -999.25 |
| 2263.5972 | 20.45 | 24.84 | 143.08  | 2.91    | 2.64    |
| 2263.7496 | 24.31 | 24.27 | -999.25 | 2.71    | 2.64    |
| 2263.9020 | 14.31 | 23.31 | 139.45  | -999.25 | 2.37    |
| 2264.0544 | 15.03 | 23.07 | 137.02  | -999.25 | -999.25 |
| 2264.2068 | 30.78 | 23.69 | -999.25 | 2.52    | -999.25 |
| 2264.3592 | 32.62 | 23.62 | 149.14  | 2.47    | 2.32    |
| 2264.5116 | 31.42 | 22.60 | 144.30  | 2.36    | 2.27    |
| 2264.6640 | 28.92 | 22.72 | 153.99  | -999.25 | 2.18    |
| 2264.8164 | 34.72 | 23.60 | -999.25 | 2.22    | -999.25 |
| 2264.9688 | 34.76 | 24.79 | 150.36  | 2.13    | 2.06    |
| 2265.1212 | 29.54 | 25.40 | 152.78  | 2.01    | 1.98    |
| 2265.2736 | 27.09 | 25.32 | 146.72  | -999.25 | -999.25 |
| 2265.4260 | 32.58 | 31.71 | -999.25 | -999.25 | 1.90    |
| 2265.5784 | 34.17 | 31.21 | 143.08  | 1.82    | -999.25 |
| 2265.7308 | 29.13 | 31.35 | -999.25 | 1.73    | 1.56    |
| 2265.8832 | 29.42 | 30.58 | 140.66  | -999.25 | 1.51    |
| 2266.0356 | 31.78 | 31.42 | 138.23  | 1.70    | -999.25 |
| 2266.1880 | 19.71 | 27.83 | 122.47  | -999.25 | 1.51    |
| 2266.3404 | 18.50 | 27.12 | 137.02  | 1.67    | -999.25 |
| 2266.4928 | 27.14 | 26.63 | 135.81  | 1.64    | 1.51    |
| 2266.6452 | 28.71 | 26.97 | -999.25 | 1.67    | -999.25 |
| 2266.7976 | 14.83 | 22.91 | 139.45  | -999.25 | 1.59    |
| 2266.9500 | 11.76 | 20.86 | 123.69  | 1.61    | -999.25 |
| 2267.1024 | 19.01 | 20.69 | 129.75  | 1.53    | 1.56    |
| 2267.2548 | 21.68 | 19.88 | 149.14  | 1.64    | 1.46    |
| 2267.4072 | 22.01 | 19.76 | -999.25 | 1.44    | 1.21    |
| 2267.5596 | 24.15 | 19.12 | 153.99  | 1.46    | 1.25    |
| 2267.7120 | 22.44 | 20.25 | 151.57  | 1.48    | 1.28    |
| 2267.8644 | 19.10 | 19.25 | 137.02  | 1.53    | 1.37    |
| 2268.0168 | 21.51 | 19.49 | 143.08  | 1.59    | -999.25 |
| 2268.1692 | 24.38 | 18.80 | -999.25 | -999.25 | 1.46    |
| 2268.3216 | 22.31 | 21.37 | 138.23  | 1.61    | 1.65    |
| 2268.4740 | 20.12 | 21.68 | 160.05  | 1.61    | 1.65    |
| 2268.6264 | 17.55 | 20.98 | -999.25 | 1.48    | -999.25 |
| 2268.7788 | 18.76 | 21.03 | 138.23  | -999.25 | 1.51    |
| 2268.9312 | 19.96 | 20.58 | 147.93  | 1.39    | -999.25 |
| 2269.0836 | 23.85 | 20.98 | 155.21  | 1.37    | 1.26    |
| 2269.2360 | 32.69 | 21.84 | 163.69  | 1.31    | 1.12    |
| 2269.3884 | 37.21 | 23.50 | 157.63  | 1.29    | 1.14    |
| 2269.5408 | 31.94 | 23.39 | -999.25 | 1.31    | 1.19    |
| 2269.6932 | 29.40 | 24.29 | 167.33  | 1.35    | 1.21    |
| 2269.8456 | 35.42 | 25.35 | 153.99  | 1.39    | -999.25 |
| 2269.9980 | 34.12 | 26.96 | -999.25 | 1.44    | 1.30    |
| 2270.1504 | 28.71 | 28.56 | 155.21  | 1.48    | 1.40    |
| 2270.3028 | 37.50 | 31.48 | 164.90  | -999.25 | -999.25 |
| 2270.4552 | 47.97 | 34.29 | 164.90  | 1.46    | 1.39    |
| 2270.6076 | 52.17 | 36.75 | 170.97  | 1.44    | -999.25 |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2252.9292 | 3.86  | 8.59  | 106.71  | 2.50    | 2.42    |
| 2253.0816 | 7.12  | 8.66  | -999.25 | 2.71    | 2.64    |
| 2253.2340 | 43.71 | 8.89  | 101.87  | 2.77    | 2.83    |
| 2253.3864 | 54.10 | 9.39  | -999.25 | 2.84    | 2.90    |
| 2253.5388 | 44.22 | 10.82 | 107.93  | 2.98    | -999.25 |
| 2253.6912 | 31.04 | 10.71 | -999.25 | 2.98    | 2.64    |
| 2253.8436 | 19.32 | 10.63 | -999.25 | 2.91    | -999.25 |
| 2253.9960 | 9.50  | 10.40 | 107.93  | 2.84    | 2.58    |
| 2254.1484 | 7.89  | 10.36 | 105.50  | 2.77    | 2.58    |
| 2254.3008 | 10.74 | 12.84 | 113.99  | 2.64    | 2.56    |
| 2254.4532 | 19.60 | 18.18 | -999.25 | 2.47    | -999.25 |
| 2254.6056 | 42.20 | 18.33 | 109.14  | 2.41    | 2.37    |
| 2254.7580 | 40.49 | 18.06 | -999.25 | 2.26    | 2.18    |
| 2254.9104 | 38.59 | 17.85 | 104.29  | 2.13    | 2.02    |
| 2255.0628 | 45.87 | 18.12 | 92.17   | -999.25 | 1.90    |
| 2255.2152 | 49.02 | 18.63 | -999.25 | 2.01    | 1.70    |
| 2255.3676 | 23.78 | 18.78 | 100.65  | 2.13    | -999.25 |
| 2255.5200 | 16.90 | 22.49 | 92.17   | -999.25 | 2.10    |
| 2         |       |       |         |         |         |
| 255.6724  | 16.65 | 25.05 | -999.25 | 2.26    | 2.27    |
| 2255.8248 | 10.24 | 22.05 | 99.44   | 2.31    | 2.10    |
| 2255.9772 | 10.45 | 20.47 | -999.25 | -999.25 | -999.25 |
| 2256.1296 | 24.84 | 20.55 | 99.44   | 2.41    | 2.32    |
| 2256.2820 | 32.29 | 19.96 | 101.87  | 2.58    | -999.25 |
| 2256.4344 | 15.68 | 17.78 | 116.41  | -999.25 | 2.42    |
| 2256.5868 | 7.90  | 14.07 | -999.25 | 2.58    | -999.25 |
| 2256.7392 | 10.22 | 13.94 | -999.25 | -999.25 | 2.58    |
| 2256.8916 | 16.24 | 13.34 | 101.87  | -999.25 | -999.25 |
| 2257.0440 | 7.98  | 11.77 | -999.25 | 2.52    | -999.25 |
| 2257.1964 | 6.07  | 10.43 | 121.26  | 2.47    | 2.37    |
| 2257.3488 | 7.66  | 10.92 | -999.25 | 2.41    | 2.37    |
| 2257.5012 | 11.80 | 10.67 | -999.25 | -999.25 | 2.42    |
| 2257.6536 | 10.32 | 9.72  | 121.26  | 2.26    | -999.25 |
| 2257.8060 | 14.23 | 9.85  | -999.25 | -999.25 | 2.23    |
| 2257.9584 | 18.58 | 9.91  | -999.25 | 2.09    | -999.25 |
| 2258.1108 | 15.80 | 11.25 | 126.11  | 2.04    | 1.90    |
| 2258.2632 | 18.40 | 10.85 | -999.25 | -999.25 | 1.77    |
| 2258.4156 | 14.36 | 11.05 | 129.75  | 2.22    | -999.25 |
| 2258.5680 | 12.50 | 12.03 | -999.25 | -999.25 | 1.80    |
| 2258.7204 | 15.76 | 14.23 | 110.35  | 2.41    | 2.06    |
| 2258.8728 | 17.58 | 14.62 | -999.25 | 2.77    | -999.25 |
| 2259.0252 | 22.88 | 16.11 | 107.93  | -999.25 | 2.64    |
| 2259.1776 | 37.75 | 18.41 | -999.25 | 2.91    | -999.25 |
| 2259.3300 | 34.14 | 18.56 | 122.47  | 2.98    | 3.35    |
| 2259.4824 | 20.46 | 18.75 | -999.25 | -999.25 | 3.19    |
| 2259.6348 | 16.44 | 18.73 | 107.93  | 2.84    | 3.04    |
| 2259.7872 | 18.50 | 18.77 | 126.11  | -999.25 | -999.25 |
| 2259.9396 | 16.36 | 19.35 | 138.23  | 2.36    | -999.25 |
| 2260.0920 | 19.25 | 20.98 | -999.25 | -999.25 | 2.27    |
| 2260.2444 | 24.54 | 21.21 | -999.25 | 2.17    | -999.25 |
| 2260.3968 | 20.45 | 21.71 | 123.69  | -999.25 | 1.83    |
| 2260.5492 | 15.28 | 19.42 | 126.11  | -999.25 | -999.25 |
| 2260.7016 | 24.51 | 20.44 | 123.69  | 2.31    | -999.25 |
| 2260.8540 | 25.46 | 18.70 | -999.25 | -999.25 | 2.06    |
| 2261.0064 | 19.49 | 20.24 | -999.25 | -999.25 | -999.25 |
| 2261.1588 | 29.46 | 20.79 | 121.26  | 2.58    | -999.25 |
| 2261.3112 | 24.36 | 21.37 | 111.56  | -999.25 | 2.58    |
| 2261.4636 | 19.34 | 21.64 | 116.41  | 2.84    | -999.25 |
| 2261.6160 | 17.07 | 20.78 | -999.25 | -999.25 | 2.70    |

|           |        |       |         |         |         |
|-----------|--------|-------|---------|---------|---------|
| 43.9376   | 30.75  | 45.94 | 94.59   | 1.44    | 1.35    |
| 2244.0900 | 12.60  | 32.28 | -999.25 | 1.37    | 1.19    |
| 2244.2424 | 10.80  | 27.39 | 103.08  | 1.33    | 1.19    |
| 2244.3948 | 28.32  | 28.02 | 87.92   | 1.29    | 1.21    |
| 2244.5472 | 127.92 | 28.94 | 87.32   | 1.27    | 1.16    |
| 2244.6996 | 96.33  | 29.66 | 103.08  | 1.27    | 1.17    |
| 2244.8520 | 58.42  | 28.82 | 94.59   | 1.27    | 1.17    |
| 2245.0044 | 26.09  | 26.13 | 100.65  | 1.33    | 1.33    |
| 2245.1568 | 14.37  | 22.77 | 103.08  | 1.29    | -999.25 |
| 2245.3092 | 13.63  | 21.12 | 106.71  | -999.25 | 1.28    |
| 2245.4616 | 18.34  | 20.69 | 101.87  | 1.20    | 1.21    |
| 2245.6140 | 26.75  | 25.67 | 93.38   | 1.20    | 0.95    |
| 2245.7664 | 63.55  | 30.34 | -999.25 | 1.11    | 0.94    |
| 2245.9188 | 105.13 | 29.59 | -999.25 | 1.11    | 1.11    |
| 2246.0712 | 55.98  | 28.60 | 111.56  | 1.17    | 0.81    |
| 2246.2236 | 54.80  | 28.27 | 112.78  | 1.11    | 1.17    |
| 2246.3760 | 54.61  | 28.41 | 99.44   | 1.19    | -999.25 |
| 2246.5284 | 48.20  | 31.39 | 83.68   | 1.12    | 2.04    |
| 2246.6808 | 38.21  | 37.71 | 81.86   | 1.02    | 1.12    |
| 2246.8332 | 19.73  | 36.61 | 92.77   | 0.97    | 0.70    |
| 2246.9856 | 11.10  | 29.73 | 88.53   | 0.95    | 0.72    |
| 2247.1380 | 10.26  | 25.42 | -999.25 | -999.25 | 0.83    |
| 2247.2904 | 12.97  | 21.78 | 106.71  | 1.08    | -999.25 |
| 2247.4428 | 11.92  | 18.45 | 107.93  | 1.09    | 1.07    |
| 2247.5952 | 10.78  | 16.42 | -999.25 | 1.11    | 1.16    |
| 2247.7476 | 12.70  | 15.08 | 107.93  | 1.09    | 1.17    |
| 2247.9000 | 13.73  | 13.93 | -999.25 | 1.15    | 1.02    |
| 2248.0524 | 24.10  | 14.19 | 100.65  | 1.15    | 1.35    |
| 2248.2048 | 37.13  | 13.90 | 88.53   | 1.20    | -999.25 |
| 2248.3572 | 27.51  | 14.80 | 76.41   | 1.12    | 2.10    |
| 2248.5096 | 52.23  | 17.31 | -999.25 | 1.06    | 1.56    |
| 2248.6620 | 91.14  | 19.89 | 86.11   | 1.02    | 0.91    |
| 2248.8144 | 60.02  | 21.90 | 100.65  | -999.25 | 0.87    |
| 2248.9668 | 44.18  | 26.29 | 100.65  | -999.25 | -999.25 |
| 2249.1192 | 22.34  | 27.73 | 98.23   | 1.25    | -999.25 |
| 2249.2716 | 24.87  | 32.97 | 92.17   | 1.37    | 1.07    |
| 2249.4240 | 36.89  | 37.14 | 95.80   | 1.59    | 1.37    |
| 2249.5764 | 45.97  | 37.90 | -999.25 | 1.86    | -999.25 |
| 2249.7288 | 104.81 | 42.66 | 108.53  | 2.01    | 3.15    |
| 2249.8812 | 48.94  | 43.10 | 88.53   | 2.13    | 3.04    |
| 2250.0336 | 28.96  | 37.71 | 85.50   | 1.09    | 1.62    |
| 2250.1860 | 23.85  | 34.03 | 101.87  | 2.09    | 2.18    |
| 2250.3384 | 15.18  | 27.50 | -999.25 | 1.97    | -999.25 |
| 2250.4908 | 15.04  | 26.21 | 84.89   | 1.89    | 1.98    |
| 2250.6432 | 24.81  | 28.19 | 105.50  | -999.25 | 1.65    |
| 2250.7956 | 9.85   | 19.83 | -999.25 | 1.93    | -999.25 |
| 2250.9480 | 8.01   | 18.18 | 95.80   | -999.25 | 1.59    |
| 2251.1004 | 13.40  | 16.39 | 95.80   | 2.17    | -999.25 |
| 2251.2528 | 18.51  | 15.65 | -999.25 | 2.26    | 2.27    |
| 2251.4052 | 16.93  | 14.55 | 85.50   | 2.31    | 2.77    |
| 2251.5576 | 18.97  | 14.80 | 87.32   | -999.25 | 3.19    |
| 2251.7100 | 23.47  | 14.52 | 95.80   | 2.26    | -999.25 |
| 2251.8624 | 15.83  | 14.92 | 95.80   | 2.26    | 2.23    |
| 2252.0148 | 8.13   | 12.47 | 100.65  | -999.25 | 2.02    |
| 2252.1672 | 10.23  | 12.74 | -999.25 | 2.13    | 2.02    |
| 2252.3196 | 23.10  | 14.60 | 98.23   | 2.17    | 1.87    |
| 2252.4720 | 10.95  | 13.93 | 103.08  | 2.22    | 1.83    |
| 2252.6244 | 8.74   | 13.08 | -999.25 | 2.26    | 1.94    |
| 2252.7768 | 5.42   | 10.22 | 99.44   | 2.09    | 2.08    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2234.9460 | 31.75 | 35.06 | 107.32  | -999.25 | -999.25 |
| 2235.0984 | 31.20 | 33.75 | -999.25 | 4.07    | -999.25 |
| 2235.2508 | 35.26 | 34.50 | 95.80   | 3.94    | 3.62    |
| 2235.4032 | 30.63 | 33.82 | 98.23   | -999.25 | -999.25 |
| 2235.5556 | 27.19 | 33.16 | 98.23   | 3.61    | -999.25 |
| 2235.7080 | 25.87 | 31.85 | 100.45  | -999.25 | 3.19    |
| 2235.8604 | 30.02 | 32.27 | 95.56   | 3.31    | -999.25 |
| 2236.0128 | 31.22 | 31.07 | -999.25 | -999.25 | 3.19    |
| 2236.1652 | 25.91 | 29.67 | -999.25 | 3.31    | 2.83    |
| 2236.3176 | 28.18 | 29.26 | 103.08  | 3.31    | 2.80    |
| 2236.4700 | 23.25 | 27.77 | -999.25 | 3.41    | -999.25 |
| 2236.6224 | 26.10 | 28.23 | 89.74   | 3.41    | 2.80    |
| 2236.7748 | 27.38 | 26.56 | 89.74   | 3.61    | 3.04    |
| 2236.9272 | 27.36 | 27.62 | 95.00   | 3.66    | 3.55    |
| 2237.0796 | 31.56 | 27.30 | 97.02   | 3.88    | 4.23    |
| 2237.2320 | 24.50 | 27.29 | 89.14   | 4.20    | -999.25 |
| 2237.3844 | 26.72 | 26.70 | 88.53   | -999.25 | 4.39    |
| 2237.5368 | 35.37 | 27.87 | -999.25 | 3.94    | 4.66    |
| 2237.6892 | 34.32 | 28.12 | -999.25 | 3.50    | 3.82    |
| 2237.8416 | 30.65 | 28.32 | 83.68   | 3.14    | -999.25 |
| 2237.9940 | 26.81 | 29.06 | 83.68   | 2.95    | 3.07    |
| 2238.1464 | 27.15 | 28.56 | -999.25 | 2.54    | 2.64    |
| 2238.2988 | 28.40 | 29.28 | 89.74   | -999.25 | -999.25 |
| 2238.4512 | 26.65 | 28.40 | 73.38   | 2.22    | 2.12    |
| 2238.6036 | 30.20 | 29.04 | 82.47   | 2.03    | 1.76    |
| 2238.7560 | 35.01 | 30.52 | 79.24   | 1.80    | 1.51    |
| 2238.9084 | 36.60 | 30.85 | 87.32   | 1.72    | 1.42    |
| 2239.0608 | 32.35 | 30.04 | 89.74   | 1.60    | 1.41    |
| 2239.2132 | 39.34 | 31.57 | 84.89   | -999.25 | -999.25 |
| 2239.3656 | 43.23 | 31.85 | 94.59   | 1.37    | -999.25 |
| 2239.5180 | 37.72 | 33.88 | 98.63   | -999.25 | 1.54    |
| 2239.6704 | 36.19 | 33.84 | 109.14  | 1.27    | -999.25 |
| 2239.8228 | 34.72 | 35.42 | 100.65  | 1.24    | 1.54    |
| 2239.9752 | 49.06 | 38.28 | 100.05  | 1.24    | 1.55    |
| 2240.1276 | 40.35 | 37.64 | 86.41   | 1.19    | 1.44    |
| 2240.2800 | 30.20 | 36.99 | 87.32   | 1.14    | 1.11    |
| 2240.4324 | 44.74 | 39.10 | 80.65   | -999.25 | 0.91    |
| 2240.5848 | 60.49 | 41.39 | 84.89   | 1.64    | 1.21    |
| 2240.7372 | 55.27 | 41.48 | 90.96   | -999.25 | -999.25 |
| 2240.8896 | 62.87 | 44.03 | 103.08  | 2.13    | -999.25 |
| 2241.0420 | 56.98 | 44.81 | 100.65  | 2.13    | 4.15    |
| 2241.1944 | 39.40 | 44.92 | 81.26   | -999.25 | 3.35    |
| 2241.3468 | 35.57 | 45.09 | 89.14   | 1.93    | -999.25 |
| 2241.4992 | 30.98 | 40.58 | 83.68   | 1.79    | 1.80    |
| 2241.6516 | 28.60 | 41.30 | 86.11   | 1.76    | 1.26    |
| 2241.8040 | 31.70 | 41.11 | 98.23   | 1.79    | 1.28    |
| 2241.9564 | 21.38 | 34.36 | -999.25 | 1.86    | 1.47    |
| 2242.1088 | 18.81 | 31.59 | 111.56  | 2.67    | 2.06    |
| 2242.2612 | 28.38 | 30.74 | 103.08  | -999.25 | 2.47    |
| 2242.4136 | 51.90 | 30.93 | 100.65  | 3.31    | -999.25 |
| 2242.5660 | 49.04 | 30.21 | 99.44   | 3.77    | 3.82    |
| 2242.7184 | 52.92 | 32.23 | 95.20   | 3.06    | 7.14    |
| 2242.8708 | 84.71 | 33.52 | 80.04   | 4.49    | 8.48    |
| 2243.0232 | 56.91 | 35.60 | 76.41   | 4.34    | 7.97    |
| 2243.1756 | 49.39 | 37.19 | -999.25 | 3.97    | 7.30    |
| 2243.3280 | 60.85 | 39.89 | 81.86   | 3.31    | 5.89    |
| 2243.4804 | 64.37 | 48.44 | 83.68   | 2.71    | 3.92    |
| 2243.6328 | 42.69 | 52.31 | 92.17   | 2.26    | 2.64    |
| 2243.7852 | 35.75 | 52.11 | 93.38   | 1.84    | 1.78    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2225.9544 | 8.26  | 8.63  | -999.25 | 2.22    | -999.25 |
| 2226.1068 | 10.15 | 8.31  | 121.26  | 2.77    | 2.32    |
| 2226.2592 | 10.31 | 7.88  | -999.25 | -999.25 | 3.19    |
| 2226.4116 | 10.76 | 8.02  | 126.11  | 3.31    | -999.25 |
| 2226.5640 | 11.74 | 8.90  | -999.25 | -999.25 | 3.27    |
| 2226.7164 | 12.13 | 9.57  | 105.50  | -999.25 | -999.25 |
| 2226.8688 | 9.97  | 9.64  | -999.25 | 2.84    | -999.25 |
| 2227.0212 | 8.65  | 9.89  | 124.90  | -999.25 | 2.02    |
| 2227.1736 | 11.22 | 10.15 | 132.17  | 2.58    | -999.25 |
| 2227.3260 | 16.14 | 11.07 | 147.93  | -999.25 | 1.94    |
| 2227.4784 | 16.26 | 11.54 | -999.25 | 2.41    | 1.77    |
| 2227.6308 | 17.41 | 12.18 | -999.25 | 2.22    | -999.25 |
| 2227.7832 | 17.62 | 12.73 | 149.14  | -999.25 | 1.77    |
| 2227.9356 | 15.25 | 13.05 | 141.87  | 2.22    | 1.74    |
| 2228.0880 | 13.98 | 13.18 | 138.84  | 2.22    | 1.70    |
| 2228.2404 | 25.18 | 14.69 | 151.57  | 2.13    | 1.80    |
| 2228.3928 | 48.82 | 16.70 | 151.57  | 2.13    | 1.74    |
| 2228.5452 | 37.19 | 19.88 | 124.90  | -999.25 | -999.25 |
| 2228.6976 | 49.25 | 21.68 | -999.25 | 2.09    | -999.25 |
| 2228.8500 | 45.41 | 23.63 | -999.25 | -999.25 | 1.56    |
| 2229.0024 | 34.37 | 25.23 | -999.25 | -999.25 | -999.25 |
| 2229.1548 | 27.29 | 26.20 | 123.69  | -999.25 | -999.25 |
| 2229.3072 | 35.96 | 29.54 | -999.25 | 2.26    | -999.25 |
| 2229.4596 | 28.15 | 31.10 | 134.60  | 2.41    | 1.54    |
| 2229.6120 | 25.43 | 36.49 | -999.25 | -999.25 | 1.77    |
| 2229.7644 | 35.84 | 33.56 | 132.78  | 2.64    | -999.25 |
| 2229.9168 | 36.52 | 34.74 | 122.47  | -999.25 | 1.94    |
| 2230.0692 | 37.26 | 33.57 | 120.66  | 2.71    | 1.98    |
| 2230.2216 | 23.03 | 29.93 | 110.96  | 2.77    | 2.04    |
| 2230.3740 | 20.79 | 28.57 | 116.41  | 3.23    | 2.18    |
| 2230.5264 | 18.24 | 25.94 | 107.93  | -999.25 | 2.83    |
| 2230.6788 | 12.29 | 22.75 | 119.44  | -999.25 | -999.25 |
| 2230.8312 | 14.34 | 21.31 | 124.29  | 3.31    | -999.25 |
| 2230.9836 | 20.74 | 21.51 | -999.25 | -999.25 | 2.64    |
| 2231.1360 | 23.99 | 21.10 | 118.84  | 3.41    | 2.70    |
| 2231.2884 | 27.28 | 20.73 | -999.25 | 3.41    | 2.64    |
| 2231.4408 | 26.95 | 20.26 | 115.20  | 3.50    | 2.64    |
| 2231.5932 | 25.37 | 19.70 | -999.25 | 3.50    | 2.58    |
| 2231.7456 | 29.20 | 21.05 | -999.25 | -999.25 | 3.04    |
| 2231.8980 | 34.77 | 21.33 | 104.29  | -999.25 | -999.25 |
| 2232.0504 | 35.78 | 23.73 | 98.23   | -999.25 | -999.25 |
| 2232.2028 | 35.39 | 27.58 | -999.25 | -999.25 | -999.25 |
| 2232.3552 | 32.82 | 29.16 | 94.59   | 3.31    | -999.25 |
| 2232.5076 | 35.96 | 31.07 | -999.25 | 3.41    | 2.83    |
| 2232.6600 | 37.08 | 31.90 | -999.25 | -999.25 | 2.70    |
| 2232.8124 | 39.50 | 33.43 | 109.14  | 3.50    | 2.83    |
| 2232.9648 | 39.04 | 34.42 | 99.44   | 3.50    | 2.90    |
| 2233.1172 | 38.81 | 36.79 | 98.23   | 3.55    | 3.00    |
| 2233.2696 | 47.68 | 37.89 | 104.29  | 3.66    | 3.19    |
| 2233.4220 | 40.04 | 37.84 | 107.93  | 3.77    | 3.31    |
| 2233.5744 | 38.05 | 38.37 | 113.99  | 3.82    | 3.53    |
| 2233.7268 | 38.40 | 38.49 | 103.08  | 4.00    | 3.82    |
| 2233.8792 | 30.36 | 37.66 | 95.80   | 3.31    | 3.23    |
| 2234.0316 | 32.33 | 37.58 | 97.02   | 3.82    | 3.53    |
| 2234.1840 | 33.89 | 36.95 | 100.65  | -999.25 | -999.25 |
| 2234.3364 | 34.32 | 36.54 | 99.44   | 4.20    | 3.82    |
| 2234.4888 | 35.57 | 36.28 | -999.25 | 4.34    | -999.25 |
| 2234.6412 | 39.98 | 36.74 | 111.56  | -999.25 | 4.15    |
| 2234.7936 | 39.19 | 35.12 | 95.80   | -999.25 | -999.25 |



|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2216.9628 | 14.15 | 15.29 | 69.13   | 14.28   | 10.66   |
| 2217.1152 | 16.14 | 15.60 | 63.07   | 13.39   | 12.53   |
| 2217.2676 | 12.07 | 14.04 | 57.01   | 13.01   | -999.25 |
| 2217.4200 | 11.14 | 14.13 | -999.25 | 13.07   | 10.74   |
| 2217.5724 | 14.50 | 14.23 | -999.25 | -999.25 | 11.92   |
| 2217.7248 | 16.90 | 14.56 | 50.95   | 12.04   | 10.78   |
| 2217.8772 | 26.62 | 15.02 | 54.59   | 11.31   | 10.62   |
| 2218.0296 | 21.87 | 16.09 | 43.68   | 10.21   | -999.25 |
| 2218.1820 | 23.65 | 16.54 | -999.25 | -999.25 | 9.24    |
| 2218.3344 | 26.19 | 16.96 | 64.29   | 8.07    | -999.25 |
| 2218.4868 | 23.64 | 18.25 | 63.07   | -999.25 | 6.47    |
| 2218.6392 | 28.27 | 18.64 | 55.80   | 6.94    | 5.82    |
| 2218.7916 | 35.99 | 22.84 | -999.25 | 6.63    | -999.25 |
| 2218.9440 | 24.71 | 22.84 | 63.07   | -999.25 | 4.27    |
| 2219.0964 | 11.71 | 21.25 | 72.77   | -999.25 | -999.25 |
| 2219.2488 | 7.27  | 16.81 | 64.29   | 6.07    | -999.25 |
| 2219.4012 | 7.90  | 15.42 | 67.92   | 6.07    | 4.15    |
| 2219.5536 | 11.86 | 14.88 | -999.25 | -999.25 | 4.95    |
| 2219.7060 | 12.12 | 13.72 | 53.37   | 6.07    | -999.25 |
| 2219.8584 | 7.54  | 11.62 | 53.37   | -999.25 | 5.63    |
| 2220.0108 | 6.56  | 10.53 | -999.25 | 6.63    | -999.25 |
| 2220.1632 | 5.97  | 8.89  | 69.74   | 6.94    | 5.11    |
| 2220.3156 | 8.00  | 8.74  | -999.25 | -999.25 | 5.28    |
| 2220.4680 | 11.25 | 8.19  | 76.41   | 7.28    | -999.25 |
| 2220.6204 | 5.35  | 7.43  | -999.25 | -999.25 | 6.24    |
| 2220.7728 | 4.77  | 7.32  | 47.31   | 8.07    | -999.25 |
| 2220.9252 | 4.35  | 6.44  | 58.22   | 8.07    | 8.85    |
| 2221.0776 | 5.52  | 6.41  | 65.50   | -999.25 | 8.14    |
| 2221.2300 | 5.55  | 5.72  | -999.25 | 8.07    | 6.96    |
| 2221.3824 | 3.18  | 5.20  | 70.35   | 7.28    | -999.25 |
| 2221.5348 | 3.73  | 5.05  | 81.26   | -999.25 | 6.96    |
| 2221.6872 | 4.61  | 4.94  | 84.89   | 7.28    | 6.71    |
| 2221.8396 | 3.22  | 4.25  | -999.25 | 6.34    | 6.71    |
| 2221.9920 | 3.82  | 4.22  | 86.11   | 5.37    | -999.25 |
| 2222.1444 | 6.28  | 4.35  | -999.25 | -999.25 | 5.11    |
| 2222.2968 | 5.32  | 4.30  | 110.35  | 4.98    | 4.27    |
| 2222.4492 | 5.72  | 4.57  | 107.93  | 4.20    | 3.82    |
| 2222.6016 | 8.19  | 4.53  | -999.25 | 3.71    | 3.44    |
| 2222.7540 | 4.68  | 4.44  | 116.41  | 3.41    | 3.04    |
| 2222.9064 | 4.73  | 5.00  | -999.25 | 2.84    | -999.25 |
| 2223.0588 | 7.25  | 5.02  | 126.11  | -999.25 | 2.42    |
| 2223.2112 | 8.81  | 5.57  | 134.60  | 2.58    | 2.14    |
| 2223.3636 | 14.18 | 6.61  | -999.25 | 2.47    | 2.06    |
| 2223.5160 | 13.41 | 7.05  | -999.25 | 2.36    | -999.25 |
| 2223.6684 | 21.77 | 7.78  | -999.25 | -999.25 | 1.87    |
| 2223.8208 | 17.49 | 8.64  | 156.42  | 2.31    | -999.25 |
| 2223.9732 | 10.35 | 8.86  | -999.25 | 2.31    | 1.90    |
| 2224.1256 | 12.78 | 9.35  | 157.63  | 2.26    | 2.02    |
| 2224.2780 | 23.71 | 12.72 | 133.38  | -999.25 | 2.06    |
| 2224.4304 | 16.82 | 13.05 | -999.25 | 1.97    | -999.25 |
| 2224.5828 | 15.19 | 15.57 | 120.05  | 1.76    | 1.80    |
| 2224.7352 | 23.92 | 16.06 | 122.47  | 1.67    | 1.80    |
| 2224.8876 | 14.04 | 15.54 | 130.96  | -999.25 | 1.90    |
| 2225.0400 | 6.31  | 12.66 | 152.78  | -999.25 | -999.25 |
| 2225.1924 | 5.46  | 10.90 | 127.32  | 0.96    | 0.92    |
| 2225.3448 | 7.00  | 10.40 | -999.25 | 0.91    | -999.25 |
| 2225.4972 | 7.53  | 10.10 | -999.25 | -999.25 | 0.44    |
| 2225.6496 | 8.68  | 9.66  | 128.54  | 1.46    | 1.44    |
| 2225.8020 | 8.62  | 8.79  | -999.25 | -999.25 | -999.25 |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2207.9712 | 19.19 | 10.55 | 79.74   | 2.09    | 1.97    |
| 2208.1236 | 13.63 | 10.92 | 82.87   | 1.95    | 2.00    |
| 2208.2760 | 10.65 | 11.19 | 76.81   | 1.87    | 1.78    |
| 2208.4284 | 9.86  | 12.42 | 84.49   | 1.82    | 1.49    |
| 2208.5808 | 14.30 | 13.14 | 92.17   | 1.72    | 1.45    |
| 2208.7332 | 18.33 | 13.97 | 86.51   | 1.69    | 1.49    |
| 2208.8856 | 17.38 | 14.90 | 87.32   | 1.68    | 1.48    |
| 2209.0380 | 17.33 | 15.01 | 92.98   | 1.70    | 1.55    |
| 2209.1904 | 13.71 | 14.44 | 93.38   | 1.64    | 1.67    |
| 2209.3428 | 14.53 | 14.05 | 87.32   | 1.56    | 1.63    |
| 2209.4952 | 14.62 | 13.79 | 83.68   | 1.51    | 1.24    |
| 2209.6476 | 14.60 | 14.25 | 87.92   | 1.39    | 1.12    |
| 2209.8000 | 10.85 | 13.85 | 93.99   | 1.42    | -999.25 |
| 2209.9524 | 9.76  | 14.20 | 87.72   | 1.45    | 1.20    |
| 2210.1048 | 11.81 | 13.31 | 92.17   | 1.55    | 1.30    |
| 2210.2572 | 13.88 | 13.53 | 87.32   | 1.61    | 1.65    |
| 2210.4096 | 21.55 | 13.72 | -999.25 | 1.70    | 1.67    |
| 2210.5620 | 21.10 | 13.92 | 86.11   | 1.73    | 1.59    |
| 2210.7144 | 15.31 | 14.01 | 89.74   | -999.25 | 1.51    |
| 2210.8668 | 11.20 | 13.17 | 84.29   | 1.74    | 1.62    |
| 2211.0192 | 7.38  | 11.79 | 95.80   | 1.76    | 1.70    |
| 2211.1716 | 5.62  | 10.22 | -999.25 | 1.79    | 1.61    |
| 2211.3240 | 6.56  | 10.32 | 94.59   | 1.82    | 1.49    |
| 2211.4764 | 11.75 | 10.60 | 83.68   | 1.81    | 1.59    |
| 2211.6288 | 19.61 | 11.09 | -999.25 | 1.91    | 1.63    |
| 2211.7812 | 15.39 | 10.76 | 87.32   | 2.02    | 1.62    |
| 2211.9336 | 12.53 | 10.33 | -999.25 | 2.06    | 1.75    |
| 2212.0860 | 10.49 | 9.75  | 90.96   | 2.22    | 1.99    |
| 2212.2384 | 10.85 | 9.79  | -999.25 | 2.39    | 2.06    |
| 2212.3908 | 15.57 | 10.25 | 92.17   | 2.47    | 2.45    |
| 2212.5432 | 14.78 | 11.29 | -999.25 | 2.61    | 2.70    |
| 2212.6956 | 10.14 | 12.25 | 75.20   | 2.81    | 2.56    |
| 2212.8480 | 9.60  | 12.67 | -999.25 | 2.84    | 2.56    |
| 2213.0004 | 14.83 | 12.80 | 70.35   | 2.87    | 2.70    |
| 2213.1528 | 18.83 | 12.60 | 82.47   | 2.91    | 2.83    |
| 2213.3052 | 16.30 | 12.92 | 80.04   | 2.81    | 2.83    |
| 2213.4576 | 17.44 | 13.36 | 84.89   | 2.71    | 2.64    |
| 2213.6100 | 21.76 | 14.81 | 93.38   | 2.77    | 2.47    |
| 2213.7624 | 23.72 | 15.41 | 103.08  | 2.74    | 2.04    |
| 2213.9148 | 22.00 | 15.69 | 88.53   | -999.25 | 2.32    |
| 2214.0672 | 22.49 | 16.60 | -999.25 | 2.91    | 2.70    |
| 2214.2196 | 21.96 | 18.82 | 90.96   | 3.06    | 2.77    |
| 2214.3720 | 15.01 | 18.96 | 88.53   | 3.31    | -999.25 |
| 2214.5244 | 14.38 | 18.67 | 97.02   | 3.94    | 2.58    |
| 2214.6768 | 20.72 | 19.32 | -999.25 | -999.25 | 2.90    |
| 2214.8292 | 20.17 | 19.52 | 89.74   | -999.25 | -999.25 |
| 2214.9816 | 17.72 | 19.39 | 75.20   | 5.17    | -999.25 |
| 2215.1340 | 21.10 | 19.42 | -999.25 | -999.25 | 4.95    |
| 2215.2864 | 20.28 | 18.86 | 55.80   | 6.94    | 8.48    |
| 2215.4388 | 15.69 | 18.13 | 71.56   | 8.07    | 8.85    |
| 2215.5912 | 16.78 | 17.84 | -999.25 | 9.58    | 10.11   |
| 2215.7436 | 18.60 | 17.60 | 55.80   | -999.25 | -999.25 |
| 2215.8960 | 17.74 | 18.52 | -999.25 | 11.31   | 10.11   |
| 2216.0484 | 13.54 | 17.34 | 64.29   | 11.99   | -999.25 |
| 2216.2008 | 14.36 | 17.16 | -999.25 | -999.25 | 11.65   |
| 2216.3532 | 17.84 | 16.96 | 61.86   | 13.39   | 11.60   |
| 2216.5056 | 12.76 | 15.96 | 58.22   | 12.86   | 11.47   |
| 2216.6580 | 13.74 | 15.61 | -999.25 | 13.85   | 10.45   |
| 2216.8104 | 18.48 | 15.72 | -999.25 | 13.85   | 10.74   |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2198.9796 | 12.98 | 15.74 | 70.35   | 2.52    | 2.25    |
| 2199.1320 | 16.49 | 16.09 | 83.68   | 2.41    | 2.37    |
| 2199.2844 | 16.12 | 16.17 | 87.32   | 2.24    | 2.53    |
| 2199.4368 | 15.53 | 16.00 | 87.32   | 2.09    | 2.37    |
| 2199.5892 | 15.07 | 15.40 | 73.98   | 1.82    | -999.25 |
| 2199.7416 | 12.32 | 15.09 | 81.26   | 1.64    | 1.40    |
| 2199.8940 | 10.32 | 13.93 | 97.82   | 1.59    | -999.25 |
| 2200.0464 | 12.79 | 13.91 | -999.25 | 1.51    | 1.35    |
| 2200.1988 | 22.49 | 14.41 | 88.93   | 1.46    | 1.41    |
| 2200.3512 | 22.08 | 15.17 | 82.47   | 1.39    | 1.37    |
| 2200.5036 | 11.41 | 13.99 | 84.89   | 1.29    | 1.16    |
| 2200.6560 | 11.18 | 13.95 | -999.25 | 1.26    | 1.09    |
| 2200.8084 | 16.11 | 13.99 | 94.59   | -999.25 | 0.99    |
| 2200.9608 | 18.02 | 14.30 | 94.59   | 1.28    | 1.26    |
| 2201.1132 | 11.66 | 13.27 | -999.25 | 1.29    | 1.25    |
| 2201.2656 | 5.62  | 11.20 | 90.96   | 1.31    | -999.25 |
| 2201.4180 | 5.48  | 10.81 | 84.89   | 1.35    | 1.09    |
| 2201.5704 | 8.77  | 10.37 | 78.83   | 1.39    | 1.21    |
| 2201.7228 | 13.53 | 10.16 | -999.25 | 1.45    | 1.58    |
| 2201.8752 | 16.84 | 10.07 | 77.62   | 1.51    | 1.26    |
| 2202.0276 | 19.60 | 10.98 | 80.04   | 1.61    | 1.05    |
| 2202.1800 | 16.53 | 10.70 | 85.20   | 1.70    | 1.17    |
| 2202.3324 | 13.84 | 10.74 | 89.74   | 2.01    | -999.25 |
| 2202.4848 | 19.47 | 10.79 | 85.30   | 2.11    | 2.32    |
| 2202.6372 | 11.56 | 10.72 | 75.60   | 2.34    | 2.80    |
| 2202.7896 | 7.57  | 11.98 | 74.59   | 2.47    | 2.64    |
| 2202.9420 | 9.96  | 13.02 | 73.98   | 2.47    | 2.47    |
| 2203.0944 | 13.35 | 13.22 | 76.41   | 2.44    | 2.35    |
| 2203.2468 | 13.98 | 13.10 | 81.26   | 2.41    | -999.25 |
| 2203.3992 | 17.17 | 13.26 | 89.74   | 2.36    | 1.86    |
| 2203.5516 | 11.71 | 12.02 | 95.08   | 2.39    | 1.74    |
| 2203.7040 | 8.72  | 11.59 | 101.56  | 2.47    | 2.10    |
| 2203.8564 | 10.67 | 11.43 | 98.83   | 2.47    | -999.25 |
| 2204.0088 | 18.75 | 11.54 | 92.17   | 2.41    | 3.07    |
| 2204.1612 | 22.96 | 12.67 | 78.83   | 2.36    | 2.32    |
| 2204.3136 | 18.36 | 14.06 | 74.29   | 2.13    | -999.25 |
| 2204.4660 | 16.17 | 14.04 | 71.15   | 2.04    | 1.80    |
| 2204.6184 | 13.59 | 14.11 | 81.26   | -999.25 | 1.62    |
| 2204.7708 | 17.08 | 14.57 | 88.08   | 1.97    | 1.77    |
| 2204.9232 | 20.95 | 14.54 | 92.98   | -999.25 | -999.25 |
| 2205.0756 | 17.94 | 15.95 | 83.68   | 1.99    | 1.67    |
| 2205.2280 | 14.23 | 16.70 | 88.53   | 2.12    | 1.61    |
| 2205.3804 | 14.99 | 17.46 | 86.11   | 2.11    | 1.83    |
| 2205.5328 | 20.90 | 17.01 | 88.53   | 2.13    | 2.47    |
| 2205.6852 | 20.90 | 17.20 | 90.96   | 2.16    | 2.42    |
| 2205.8376 | 18.48 | 17.03 | 75.20   | 2.13    | 2.17    |
| 2205.9900 | 16.45 | 17.26 | 72.37   | 2.04    | 1.56    |
| 2206.1424 | 10.25 | 15.75 | 63.07   | 2.04    | 1.57    |
| 2206.2948 | 10.92 | 15.50 | 90.55   | 2.05    | 1.65    |
| 2206.4472 | 15.30 | 14.92 | 89.74   | 2.22    | 1.80    |
| 2206.5996 | 10.39 | 13.77 | -999.25 | 2.26    | 1.93    |
| 2206.7520 | 8.28  | 12.97 | 84.89   | 2.40    | 2.33    |
| 2206.9044 | 6.38  | 11.04 | 88.53   | 2.47    | 2.90    |
| 2207.0568 | 7.35  | 10.55 | 73.98   | 2.47    | 3.09    |
| 2207.2092 | 10.08 | 9.91  | -999.25 | 2.43    | 2.67    |
| 2207.3616 | 9.74  | 9.57  | 80.65   | 2.41    | 2.26    |
| 2207.5140 | 12.12 | 9.50  | 87.32   | 2.34    | 1.99    |
| 2207.6664 | 16.11 | 10.27 | 84.89   | 2.19    | 1.90    |
| 2207.8188 | 21.73 | 10.40 | 91.36   | 2.15    | 1.93    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2189.9880 | 12.58 | 14.06 | 83.68   | 1.20    | 1.06    |
| 2190.1404 | 22.97 | 13.29 | 87.32   | 1.22    | -999.25 |
| 2190.2928 | 23.51 | 13.87 | 84.29   | 1.25    | 1.16    |
| 2190.4452 | 15.55 | 13.50 | 93.38   | 1.25    | 1.18    |
| 2190.5976 | 12.56 | 13.06 | 98.23   | 1.25    | 1.17    |
| 2190.7500 | 15.55 | 13.91 | 86.11   | 1.22    | 1.08    |
| 2190.9024 | 20.57 | 15.15 | 88.53   | 1.22    | 1.07    |
| 2191.0548 | 21.96 | 16.14 | 101.26  | 1.28    | 1.03    |
| 2191.2072 | 15.99 | 15.99 | 101.87  | -999.25 | 1.05    |
| 2191.3596 | 19.82 | 18.65 | 92.17   | 1.42    | 1.31    |
| 2191.5120 | 36.36 | 19.17 | 95.80   | 1.56    | 1.65    |
| 2191.6644 | 23.17 | 18.67 | 72.77   | 1.70    | 1.90    |
| 2191.8168 | 19.82 | 18.61 | 70.35   | 1.76    | 1.87    |
| 2191.9692 | 19.11 | 19.55 | 75.20   | 1.76    | 1.70    |
| 2192.1216 | 17.34 | 20.26 | 78.83   | 1.81    | 1.56    |
| 2192.2740 | 21.31 | 20.97 | 87.32   | 1.71    | 1.69    |
| 2192.4264 | 25.40 | 21.05 | 75.80   | 1.59    | -999.25 |
| 2192.5788 | 27.84 | 21.85 | 71.56   | 1.52    | 1.54    |
| 2192.7312 | 22.86 | 22.86 | 75.20   | 1.45    | 1.28    |
| 2192.8836 | 17.96 | 21.37 | 87.92   | 1.40    | 1.20    |
| 2193.0360 | 19.53 | 20.62 | 84.89   | 1.31    | 1.23    |
| 2193.1884 | 20.96 | 20.96 | 81.26   | 1.24    | 1.16    |
| 2193.3408 | 26.40 | 21.75 | 92.17   | 1.20    | 1.06    |
| 2193.4932 | 29.54 | 22.72 | 94.59   | 1.13    | 1.02    |
| 2193.6456 | 17.95 | 21.94 | 98.83   | 1.09    | 0.94    |
| 2193.7980 | 18.02 | 21.87 | 106.11  | 1.06    | 0.94    |
| 2193.9504 | 47.73 | 23.87 | 102.77  | 1.08    | 0.96    |
| 2194.1028 | 33.11 | 22.43 | 95.80   | 1.08    | 0.93    |
| 2194.2552 | 18.26 | 22.67 | 87.32   | 1.09    | 0.91    |
| 2194.4076 | 26.47 | 24.38 | 93.38   | 1.11    | 0.98    |
| 2194.5600 | 33.68 | 25.13 | 99.44   | 1.19    | 1.05    |
| 2194.7124 | 16.38 | 22.90 | 90.96   | 1.29    | 1.11    |
| 2194.8648 | 17.37 | 22.86 | 93.99   | 1.46    | 1.26    |
| 2195.0172 | 20.13 | 21.35 | 96.41   | 1.56    | 1.35    |
| 2195.1696 | 18.46 | 23.03 | 85.50   | -999.25 | 1.46    |
| 2195.3220 | 22.81 | 22.47 | 88.53   | 1.70    | 1.60    |
| 2195.4744 | 27.86 | 21.54 | 75.20   | -999.25 | 1.56    |
| 2195.6268 | 23.86 | 21.34 | 90.96   | 1.97    | 1.65    |
| 2195.7792 | 18.43 | 21.59 | 88.53   | -999.25 | 1.70    |
| 2195.9316 | 17.69 | 19.76 | 83.68   | 2.19    | 1.86    |
| 2196.0840 | 12.38 | 17.69 | 71.56   | 2.41    | 2.45    |
| 2196.2364 | 11.44 | 17.90 | 81.86   | 2.55    | 2.53    |
| 2196.3888 | 13.93 | 16.84 | -999.25 | 2.84    | 2.08    |
| 2196.5412 | 19.51 | 17.80 | 82.47   | 2.77    | 2.64    |
| 2196.6936 | 23.19 | 17.49 | 94.59   | 2.91    | 3.72    |
| 2196.8460 | 18.04 | 17.09 | 67.92   | 2.87    | 3.92    |
| 2196.9984 | 16.17 | 16.04 | 64.89   | 2.84    | 3.23    |
| 2197.1508 | 20.57 | 16.71 | -999.25 | 2.67    | 2.41    |
| 2197.3032 | 23.67 | 16.68 | 81.86   | 2.51    | 2.03    |
| 2197.4556 | 25.11 | 17.70 | 81.26   | 2.41    | 1.89    |
| 2197.6080 | 20.29 | 18.64 | 82.47   | 2.29    | 2.27    |
| 2197.7604 | 14.18 | 18.82 | 83.68   | -999.25 | 2.37    |
| 2197.9128 | 15.99 | 19.30 | 90.35   | 2.22    | 2.14    |
| 2198.0652 | 19.63 | 18.84 | -999.25 | 2.26    | 1.54    |
| 2198.2176 | 16.03 | 17.97 | 87.92   | 2.26    | 1.83    |
| 2198.3700 | 15.99 | 18.35 | 87.32   | 2.41    | 2.50    |
| 2198.5224 | 20.00 | 18.77 | 75.20   | 2.58    | 2.70    |
| 2198.6748 | 17.66 | 17.83 | 82.47   | 2.58    | 2.64    |
| 2198.8272 | 13.31 | 16.71 | 73.98   | 2.52    | 2.46    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2180.9964 | 14.78 | 17.15 | 84.89   | -999.25 | 1.16    |
| 2181.1488 | 12.38 | 16.66 | 81.86   | 1.39    | 1.19    |
| 2181.3012 | 13.83 | 15.97 | 77.62   | -999.25 | -999.25 |
| 2181.4536 | 12.69 | 15.22 | 76.41   | 1.37    | 1.39    |
| 2181.6060 | 16.79 | 15.03 | 77.62   | -999.25 | 1.21    |
| 2181.7584 | 23.30 | 15.99 | 83.08   | 1.31    | 1.19    |
| 2181.9108 | 14.99 | 15.40 | 89.14   | 1.31    | 1.14    |
| 2182.0632 | 14.25 | 14.93 | 82.47   | 1.31    | 1.17    |
| 2182.2156 | 17.31 | 15.43 | 93.38   | 1.31    | 1.23    |
| 2182.3680 | 15.21 | 14.77 | 83.08   | 1.30    | 1.16    |
| 2182.5204 | 16.34 | 15.75 | 83.68   | 1.29    | 1.12    |
| 2182.6728 | 12.73 | 14.87 | 86.11   | 1.33    | 1.16    |
| 2182.8252 | 13.16 | 15.57 | 79.44   | 1.42    | 1.21    |
| 2182.9776 | 24.68 | 16.78 | 77.62   | 1.44    | 1.39    |
| 2183.1300 | 25.46 | 16.62 | 76.41   | 1.42    | 1.62    |
| 2183.2824 | 24.92 | 16.94 | 70.35   | -999.25 | 1.35    |
| 2183.4348 | 24.76 | 18.21 | 81.66   | 1.36    | 1.05    |
| 2183.5872 | 15.45 | 17.26 | 81.26   | -999.25 | 1.07    |
| 2183.7396 | 12.51 | 16.85 | 98.83   | 1.50    | 1.17    |
| 2183.8920 | 15.82 | 17.41 | 88.53   | 1.59    | 1.45    |
| 2184.0444 | 18.40 | 17.25 | 87.92   | 1.61    | 1.59    |
| 2184.1968 | 24.21 | 20.01 | 84.17   | 1.65    | 1.51    |
| 2184.3492 | 18.84 | 18.73 | 82.07   | 1.67    | 1.47    |
| 2184.5016 | 17.33 | 18.72 | 93.38   | 1.67    | 1.46    |
| 2184.6540 | 21.27 | 18.20 | 90.96   | 1.67    | 1.46    |
| 2184.8064 | 21.53 | 18.29 | 90.96   | 1.68    | 1.48    |
| 2184.9588 | 21.50 | 17.80 | 81.26   | 1.67    | 1.58    |
| 2185.1112 | 17.80 | 18.88 | 88.53   | 1.67    | 1.62    |
| 2185.2636 | 18.31 | 19.56 | 83.68   | 1.64    | 1.56    |
| 2185.4160 | 20.65 | 19.99 | 93.38   | 1.60    | 1.45    |
| 2185.5684 | 28.54 | 21.16 | 90.96   | 1.59    | 1.30    |
| 2185.7208 | 25.34 | 20.14 | 96.61   | 1.59    | 1.25    |
| 2185.8732 | 24.54 | 22.33 | 101.87  | 1.61    | 1.30    |
| 2186.0256 | 19.97 | 20.78 | 84.89   | 1.70    | 1.40    |
| 2186.1780 | 16.69 | 21.11 | 89.74   | 1.79    | 1.56    |
| 2186.3304 | 20.97 | 20.68 | 82.47   | 1.86    | 1.83    |
| 2186.4828 | 24.17 | 21.58 | 81.26   | 1.82    | 1.83    |
| 2186.6352 | 24.71 | 22.11 | 81.26   | 1.77    | 1.78    |
| 2186.7876 | 20.30 | 22.09 | 81.86   | 1.67    | 1.62    |
| 2186.9400 | 19.69 | 21.88 | -999.25 | 1.64    | 1.37    |
| 2187.0924 | 21.44 | 21.01 | 84.89   | 1.60    | 1.35    |
| 2187.2448 | 18.66 | 20.61 | 83.68   | 1.57    | 1.36    |
| 2187.3972 | 11.07 | 17.39 | 77.62   | 1.56    | 1.37    |
| 2187.5496 | 9.79  | 16.96 | 86.11   | 1.51    | 1.40    |
| 2187.7020 | 12.95 | 16.40 | 69.13   | 1.48    | 1.41    |
| 2187.8544 | 17.13 | 16.37 | 93.38   | 1.40    | 1.35    |
| 2188.0068 | 28.44 | 16.74 | 84.89   | 1.37    | 1.25    |
| 2188.1592 | 29.11 | 16.70 | 94.59   | 1.31    | 1.14    |
| 2188.3116 | 19.99 | 16.70 | 109.14  | 1.27    | 1.11    |
| 2188.4640 | 11.51 | 14.91 | 90.96   | 1.20    | 1.12    |
| 2188.6164 | 16.45 | 15.95 | 95.80   | 1.19    | 1.11    |
| 2188.7688 | 26.65 | 15.66 | 100.65  | 1.18    | 1.05    |
| 2188.9212 | 14.26 | 17.05 | 90.35   | 1.13    | 1.03    |
| 2189.0736 | 17.45 | 18.22 | 84.29   | 1.11    | 1.02    |
| 2189.2260 | 13.30 | 17.17 | 88.53   | 1.08    | 0.95    |
| 2189.3784 | 9.87  | 15.75 | 97.62   | 1.09    | 0.92    |
| 2189.5308 | 10.51 | 14.23 | 98.83   | 1.10    | 0.99    |
| 2189.6832 | 12.52 | 13.78 | 93.38   | 1.13    | 1.06    |
| 2189.8356 | 10.86 | 12.71 | 90.65   | 1.15    | 1.05    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2172.0048 | 19.10 | 20.85 | 88.53   | 1.67    | 1.98    |
| 2172.1572 | 16.66 | 19.77 | 84.29   | 1.56    | 1.44    |
| 2172.3096 | 17.57 | 19.70 | 100.65  | 1.48    | 1.21    |
| 2172.4620 | 29.89 | 20.85 | 92.17   | 1.39    | 1.37    |
| 2172.6144 | 28.97 | 20.45 | 84.29   | 1.35    | -999.25 |
| 2172.7668 | 18.62 | 19.43 | 93.38   | 1.29    | 1.14    |
| 2172.9192 | 16.98 | 19.15 | 97.02   | 1.25    | 1.05    |
| 2173.0716 | 19.25 | 19.31 | 94.59   | 1.24    | -999.25 |
| 2173.2240 | 24.48 | 20.53 | 90.96   | 1.25    | 1.16    |
| 2173.3764 | 22.23 | 20.48 | 81.86   | 1.25    | 1.11    |
| 2173.5288 | 22.16 | 21.16 | 87.32   | 1.25    | 1.13    |
| 2173.6812 | 24.07 | 22.16 | 84.29   | 1.25    | 1.15    |
| 2173.8336 | 22.90 | 22.41 | 87.32   | 1.25    | 1.12    |
| 2173.9860 | 23.66 | 21.33 | 80.04   | 1.25    | 1.12    |
| 2174.1384 | 25.77 | 21.99 | 90.96   | 1.24    | 1.11    |
| 2174.2908 | 24.88 | 22.63 | 86.11   | 1.25    | -999.25 |
| 2174.4432 | 20.90 | 23.12 | -999.25 | 1.25    | 1.11    |
| 2174.5956 | 23.90 | 23.72 | 81.86   | 1.29    | 1.11    |
| 2174.7480 | 25.16 | 23.23 | 75.20   | 1.31    | 1.19    |
| 2174.9004 | 21.65 | 23.58 | 83.68   | 1.31    | 1.25    |
| 2175.0528 | 17.42 | 21.98 | 82.47   | 1.33    | 1.25    |
| 2175.2052 | 13.42 | 20.41 | 86.11   | 1.29    | 1.21    |
| 2175.3576 | 16.81 | 20.55 | 94.59   | 1.29    | 1.09    |
| 2175.5100 | 22.02 | 20.15 | -999.25 | 1.27    | 1.10    |
| 2175.6624 | 16.48 | 18.85 | 82.47   | 1.29    | 1.14    |
| 2175.8148 | 17.82 | 18.94 | 82.47   | 1.34    | 1.16    |
| 2175.9672 | 26.09 | 19.56 | 92.17   | 1.25    | 1.14    |
| 2176.1196 | 21.29 | 18.57 | 83.68   | 1.46    | 1.35    |
| 2176.2720 | 19.39 | 18.69 | -999.25 | 1.51    | -999.25 |
| 2176.4244 | 21.62 | 18.57 | 77.62   | -999.25 | 1.35    |
| 2176.5768 | 22.08 | 19.58 | 88.53   | 1.58    | 1.32    |
| 2176.7292 | 19.41 | 20.30 | -999.25 | 1.67    | -999.25 |
| 2176.8816 | 13.83 | 18.64 | 80.04   | 1.76    | 1.55    |
| 2177.0340 | 14.47 | 18.52 | 97.02   | 1.82    | 1.70    |
| 2177.1864 | 16.53 | 18.66 | 77.62   | 1.97    | 1.80    |
| 2177.3388 | 17.83 | 18.52 | 77.62   | 2.04    | 1.83    |
| 2177.4912 | 16.51 | 17.23 | 82.47   | -999.25 | 1.94    |
| 2177.6436 | 17.32 | 17.81 | 83.68   | 2.09    | 1.87    |
| 2177.7960 | 25.23 | 17.97 | 73.98   | 2.09    | 1.83    |
| 2177.9484 | 18.40 | 17.31 | 83.68   | 2.17    | 1.83    |
| 2178.1008 | 19.80 | 17.64 | -999.25 | 2.17    | 1.98    |
| 2178.2532 | 33.06 | 18.69 | 82.47   | 2.24    | 2.10    |
| 2178.4056 | 33.91 | 20.78 | 80.04   | -999.25 | 1.98    |
| 2178.5580 | 32.50 | 21.81 | 97.02   | 2.31    | 2.06    |
| 2178.7104 | 32.13 | 23.66 | 93.38   | 2.31    | -999.25 |
| 2178.8628 | 35.20 | 24.81 | 87.92   | 2.26    | 2.25    |
| 2179.0152 | 32.28 | 27.51 | 78.23   | 2.17    | 2.32    |
| 2179.1676 | 19.12 | 25.50 | 72.77   | 2.07    | 2.27    |
| 2179.3200 | 21.04 | 26.37 | 77.01   | -999.25 | 1.90    |
| 2179.4724 | 20.36 | 26.20 | 77.62   | 1.86    | -999.25 |
| 2179.6248 | 15.10 | 24.35 | 72.77   | 1.76    | 1.48    |
| 2179.7772 | 19.67 | 23.65 | 83.68   | 1.73    | 1.54    |
| 2179.9296 | 19.81 | 22.09 | 83.68   | 1.64    | -999.25 |
| 2180.0820 | 25.07 | 22.67 | 82.47   | 1.61    | 1.48    |
| 2180.2344 | 17.07 | 19.70 | 73.98   | 1.56    | 1.41    |
| 2180.3868 | 13.39 | 18.74 | 77.62   | -999.25 | 1.48    |
| 2180.5392 | 20.83 | 18.46 | 82.47   | 1.53    | 1.35    |
| 2180.6916 | 17.11 | 18.32 | 87.32   | 1.45    | 1.33    |
| 2180.8440 | 16.06 | 17.51 | 88.53   | 1.42    | 1.39    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2163.0132 | 18.10 | 22.73 | 95.80   | 1.35    | -999.25 |
| 2163.1656 | 22.20 | 23.06 | 84.89   | 1.42    | 1.19    |
| 2163.3180 | 25.76 | 22.08 | 83.68   | 1.46    | 1.26    |
| 2163.4704 | 20.08 | 22.44 | 88.53   | 1.60    | 1.37    |
| 2163.6228 | 23.73 | 23.10 | 80.04   | 1.70    | 1.44    |
| 2163.7752 | 26.63 | 23.10 | 83.68   | 1.93    | 1.67    |
| 2163.9276 | 22.85 | 22.96 | 88.53   | 2.09    | -999.25 |
| 2164.0800 | 26.46 | 23.54 | 80.65   | 2.22    | 2.10    |
| 2164.2324 | 27.80 | 23.16 | 80.04   | 2.52    | 2.47    |
| 2164.3848 | 34.23 | 25.08 | 78.83   | 2.52    | -999.25 |
| 2164.5372 | 35.63 | 26.49 | 80.04   | -999.25 | 2.77    |
| 2164.6896 | 36.34 | 27.49 | 89.74   | 2.52    | 2.53    |
| 2164.8420 | 41.96 | 28.77 | 85.50   | 2.22    | -999.25 |
| 2164.9944 | 29.99 | 30.23 | 90.96   | 2.01    | 2.18    |
| 2165.1468 | 26.60 | 29.55 | 84.89   | -999.25 | 1.87    |
| 2165.2992 | 37.40 | 32.34 | 93.38   | 1.89    | 1.77    |
| 2165.4516 | 51.92 | 34.55 | 83.08   | 1.73    | 1.59    |
| 2165.6040 | 30.66 | 33.46 | 81.26   | 1.60    | 1.50    |
| 2165.7564 | 28.82 | 34.86 | 86.11   | 1.39    | 1.23    |
| 2165.9088 | 42.46 | 34.78 | 88.53   | 1.33    | 1.06    |
| 2166.0612 | 27.64 | 32.99 | -999.25 | 1.31    | 1.00    |
| 2166.2136 | 35.60 | 34.64 | 88.53   | 1.33    | 1.07    |
| 2166.3660 | 33.87 | 31.80 | -999.25 | 1.38    | 1.17    |
| 2166.5184 | 21.73 | 31.85 | 92.77   | 1.48    | 1.35    |
| 2166.6708 | 30.25 | 32.74 | 87.92   | 1.48    | 1.37    |
| 2166.8232 | 26.62 | 29.79 | 92.17   | 1.56    | 1.30    |
| 2166.9756 | 20.05 | 27.27 | 93.38   | 1.65    | 1.37    |
| 2167.1280 | 23.58 | 28.15 | 81.26   | 1.79    | 1.45    |
| 2167.2804 | 19.55 | 25.03 | 89.14   | 1.89    | 1.70    |
| 2167.4328 | 17.26 | 23.58 | -999.25 | 2.01    | 2.10    |
| 2167.5852 | 19.70 | 23.32 | 84.89   | 2.09    | 2.32    |
| 2167.7376 | 17.74 | 20.81 | 82.47   | 2.13    | 2.32    |
| 2167.8900 | 21.02 | 21.51 | 76.41   | 1.91    | 2.27    |
| 2168.0424 | 17.83 | 19.97 | 80.04   | 1.76    | 1.78    |
| 2168.1948 | 13.36 | 18.23 | 93.38   | 1.61    | 1.21    |
| 2168.3472 | 17.04 | 18.42 | 94.59   | 1.60    | 1.12    |
| 2168.4996 | 17.98 | 17.86 | 103.08  | 1.59    | 1.38    |
| 2168.6520 | 15.69 | 17.08 | 90.96   | 1.60    | 1.82    |
| 2168.8044 | 13.47 | 16.50 | 84.89   | 1.55    | 1.59    |
| 2168.9568 | 16.27 | 16.87 | 86.11   | -999.25 | 1.26    |
| 2169.1092 | 20.09 | 16.55 | 81.26   | 1.48    | 1.33    |
| 2169.2616 | 17.68 | 16.86 | 93.38   | 1.56    | -999.25 |
| 2169.4140 | 21.10 | 16.56 | -999.25 | 1.56    | 1.46    |
| 2169.5664 | 18.24 | 16.93 | 74.59   | 1.56    | 1.48    |
| 2169.7188 | 17.68 | 17.63 | 80.04   | 1.60    | 1.38    |
| 2169.8712 | 23.41 | 17.90 | -999.25 | 1.64    | 1.33    |
| 2170.0236 | 26.14 | 18.78 | 95.80   | 1.76    | 1.51    |
| 2170.1760 | 31.82 | 20.24 | 90.96   | 1.89    | 1.66    |
| 2170.3284 | 35.14 | 22.68 | 80.04   | -999.25 | -999.25 |
| 2170.4808 | 30.28 | 22.88 | 88.53   | 2.19    | 2.08    |
| 2170.6332 | 27.83 | 24.20 | 86.71   | 2.26    | 2.77    |
| 2170.7856 | 23.32 | 24.40 | 84.89   | 2.26    | -999.25 |
| 2170.9380 | 21.48 | 24.30 | 93.38   | 2.17    | 2.77    |
| 2171.0904 | 22.79 | 25.78 | -999.25 | 2.01    | 1.96    |
| 2171.2428 | 27.70 | 26.98 | 82.47   | 1.79    | 1.62    |
| 2171.3952 | 23.70 | 25.85 | 90.96   | -999.25 | 1.41    |
| 2171.5476 | 19.86 | 25.33 | 93.38   | 1.70    | 1.25    |
| 2171.7000 | 17.10 | 22.68 | 99.44   | 1.70    | 1.56    |
| 2171.8524 | 16.70 | 21.85 | 94.59   | 1.70    | 1.74    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2154.0216 | 20.45 | 13.91 | 64.29   | -999.25 | 2.37    |
| 2154.1740 | 16.88 | 13.41 | 78.83   | 2.36    | 2.32    |
| 2154.3264 | 11.14 | 13.13 | 77.62   | 2.36    | 2.14    |
| 2154.4788 | 13.79 | 12.95 | 77.62   | 2.34    | 2.06    |
| 2154.6312 | 14.84 | 13.10 | 73.98   | 2.26    | 2.08    |
| 2154.7836 | 14.88 | 13.44 | 84.89   | 2.22    | 1.89    |
| 2154.9360 | 25.56 | 14.63 | 92.17   | 2.22    | 1.74    |
| 2155.0884 | 23.55 | 15.77 | 86.11   | 2.17    | 1.90    |
| 2155.2408 | 13.76 | 15.73 | 94.59   | 2.19    | 2.02    |
| 2155.3932 | 14.59 | 16.13 | 87.32   | 2.22    | 2.10    |
| 2155.5456 | 19.53 | 15.62 | -999.25 | 2.22    | 2.10    |
| 2155.6980 | 23.92 | 17.09 | 81.86   | 2.22    | 2.00    |
| 2155.8504 | 27.05 | 18.70 | 98.23   | 2.22    | -999.25 |
| 2156.0028 | 21.55 | 18.77 | 78.83   | 2.22    | 2.02    |
| 2156.1552 | 10.91 | 17.15 | 84.89   | 2.17    | 2.02    |
| 2156.3076 | 10.40 | 16.93 | 75.20   | -999.25 | 2.10    |
| 2156.4600 | 20.59 | 16.61 | -999.25 | 2.04    | -999.25 |
| 2156.6124 | 23.53 | 16.93 | 80.04   | 2.01    | 1.94    |
| 2156.7648 | 14.00 | 16.68 | 90.96   | -999.25 | 1.70    |
| 2156.9172 | 13.45 | 16.60 | -999.25 | 1.97    | 1.62    |
| 2157.0696 | 19.35 | 16.65 | 92.17   | 1.93    | 1.70    |
| 2157.2220 | 20.16 | 16.18 | 99.44   | -999.25 | 1.70    |
| 2157.3744 | 19.43 | 15.88 | 98.23   | 1.89    | 1.77    |
| 2157.5268 | 13.14 | 14.76 | 92.17   | 1.88    | 1.77    |
| 2157.6792 | 13.33 | 16.77 | 80.04   | -999.25 | 1.77    |
| 2157.8316 | 14.00 | 15.92 | 81.26   | 1.86    | 1.67    |
| 2157.9840 | 13.34 | 15.41 | 84.29   | 1.78    | 1.58    |
| 2158.1364 | 18.76 | 15.39 | 100.65  | 1.73    | 1.54    |
| 2158.2888 | 15.67 | 15.78 | 88.53   | 1.64    | 1.48    |
| 2158.4412 | 9.60  | 14.10 | 72.77   | -999.25 | 1.46    |
| 2158.5936 | 7.70  | 12.65 | 89.74   | 1.56    | 1.41    |
| 2158.7460 | 9.08  | 12.05 | 73.98   | 1.48    | -999.25 |
| 2158.8984 | 11.23 | 11.55 | -999.25 | 1.44    | 1.26    |
| 2159.0508 | 10.53 | 11.52 | 89.74   | 1.42    | 1.19    |
| 2159.2032 | 12.61 | 11.44 | 92.77   | 1.37    | 1.21    |
| 2159.3556 | 14.67 | 11.61 | 92.17   | 1.35    | 1.26    |
| 2159.5080 | 9.44  | 10.69 | -999.25 | 1.33    | 1.25    |
| 2159.6604 | 7.58  | 9.82  | 86.11   | 1.27    | -999.25 |
| 2159.8128 | 7.04  | 9.15  | -999.25 | 1.20    | 1.11    |
| 2159.9652 | 6.83  | 9.06  | 92.17   | 1.15    | 1.02    |
| 2160.1176 | 8.36  | 9.33  | 92.17   | 1.11    | -999.25 |
| 2160.2700 | 8.39  | 8.92  | 88.53   | 1.11    | 0.98    |
| 2160.4224 | 10.76 | 9.26  | 90.35   | 1.11    | 0.96    |
| 2160.5748 | 9.55  | 8.77  | 89.74   | -999.25 | 0.96    |
| 2160.7272 | 6.95  | 8.27  | 92.17   | 1.15    | 1.02    |
| 2160.8796 | 6.50  | 7.62  | 104.29  | 1.16    | 1.05    |
| 2161.0320 | 5.97  | 7.51  | 88.53   | -999.25 | 1.12    |
| 2161.1844 | 9.35  | 7.92  | -999.25 | 1.19    | 1.07    |
| 2161.3368 | 23.25 | 8.82  | 87.32   | 1.20    | 1.05    |
| 2161.4892 | 24.68 | 9.52  | 72.77   | -999.25 | 1.07    |
| 2161.6416 | 21.21 | 10.11 | -999.25 | 1.23    | 1.14    |
| 2161.7940 | 30.90 | 11.41 | 84.89   | 1.25    | -999.25 |
| 2161.9464 | 22.86 | 11.23 | 87.32   | 1.25    | 1.12    |
| 2162.0988 | 19.19 | 12.96 | 92.17   | 1.25    | 1.16    |
| 2162.2512 | 22.76 | 14.47 | 83.68   | 1.25    | -999.25 |
| 2162.4036 | 23.58 | 18.23 | 81.26   | 1.25    | 1.16    |
| 2162.5560 | 23.90 | 22.76 | 101.87  | 1.25    | 1.09    |
| 2162.7084 | 26.42 | 24.36 | 88.53   | 1.25    | 1.07    |
| 2162.8608 | 23.69 | 22.84 | 81.26   | 1.28    | 1.13    |



|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2145.0300 | 18.60 | 15.54 | 70.35   | 1.76    | 1.65    |
| 2145.1824 | 18.22 | 15.92 | 89.74   | 1.76    | 1.59    |
| 2145.3348 | 19.79 | 15.94 | 82.47   | 1.78    | 1.56    |
| 2145.4872 | 15.28 | 16.23 | 82.47   | 1.76    | 1.56    |
| 2145.6396 | 17.25 | 17.63 | 82.47   | 1.78    | 1.56    |
| 2145.7920 | 10.36 | 16.68 | 84.89   | 1.79    | 1.63    |
| 2145.9444 | 8.90  | 15.94 | 84.89   | 1.79    | 1.65    |
| 2146.0968 | 15.29 | 15.73 | 81.26   | 1.78    | 1.66    |
| 2146.2492 | 12.68 | 14.14 | 81.26   | 1.76    | 1.65    |
| 2146.4016 | 10.93 | 13.38 | 73.98   | 1.74    | 1.54    |
| 2146.5540 | 10.86 | 12.76 | 86.11   | 1.71    | 1.51    |
| 2146.7064 | 12.26 | 12.49 | 88.53   | 1.70    | 1.54    |
| 2146.8588 | 20.68 | 12.83 | 83.68   | 1.67    | 1.54    |
| 2147.0112 | 24.90 | 13.33 | -999.25 | 1.63    | 1.48    |
| 2147.1636 | 24.13 | 13.40 | 83.68   | 1.68    | 1.49    |
| 2147.3160 | 20.27 | 15.25 | 72.77   | -999.25 | -999.25 |
| 2147.4684 | 13.01 | 14.81 | -999.25 | 1.53    | 1.46    |
| 2147.6208 | 10.31 | 13.91 | 87.32   | 1.48    | 1.30    |
| 2147.7732 | 13.13 | 14.93 | -999.25 | 1.44    | 1.28    |
| 2147.9256 | 9.43  | 13.37 | 87.32   | 1.39    | -999.25 |
| 2148.0780 | 7.18  | 13.08 | 81.26   | 1.35    | 1.26    |
| 2148.2304 | 7.67  | 11.83 | -999.25 | 1.33    | 1.22    |
| 2148.3828 | 8.67  | 11.13 | 87.32   | 1.31    | -999.25 |
| 2148.5352 | 10.04 | 10.37 | 87.32   | -999.25 | 1.23    |
| 2148.6876 | 9.33  | 9.71  | -999.25 | 1.22    | 1.16    |
| 2148.8400 | 10.37 | 9.45  | 92.17   | 1.15    | -999.25 |
| 2148.9924 | 7.76  | 8.82  | 86.11   | -999.25 | 1.02    |
| 2149.1448 | 6.14  | 8.40  | -999.25 | 1.09    | 0.98    |
| 2149.2972 | 8.10  | 8.14  | 98.23   | 1.08    | 0.95    |
| 2149.4496 | 10.83 | 8.60  | 99.44   | -999.25 | 0.94    |
| 2149.6020 | 9.45  | 8.61  | -999.25 | 1.13    | 0.94    |
| 2149.7544 | 9.49  | 8.98  | 90.35   | 1.20    | 1.06    |
| 2149.9068 | 11.41 | 9.04  | 87.32   | -999.25 | 1.16    |
| 2150.0592 | 12.28 | 9.29  | 78.83   | 1.24    | 1.14    |
| 2150.2116 | 11.79 | 9.42  | 82.47   | 1.24    | -999.25 |
| 2150.3640 | 9.94  | 9.22  | 83.68   | 1.22    | 1.17    |
| 2150.5164 | 7.53  | 9.35  | 82.47   | -999.25 | 1.21    |
| 2150.6688 | 7.12  | 9.61  | 93.38   | 1.17    | -999.25 |
| 2150.8212 | 7.10  | 9.06  | 84.89   | -999.25 | 0.96    |
| 2150.9736 | 7.40  | 8.88  | 83.68   | 1.20    | -999.25 |
| 2151.1260 | 9.11  | 8.99  | 84.89   | 1.24    | 1.11    |
| 2151.2784 | 10.91 | 9.10  | 92.17   | -999.25 | 1.19    |
| 2151.4308 | 9.53  | 8.72  | 80.65   | 1.27    | -999.25 |
| 2151.5832 | 8.77  | 8.59  | 105.50  | 1.27    | 1.16    |
| 2151.7356 | 14.28 | 8.96  | 91.56   | -999.25 | 1.19    |
| 2151.8880 | 15.86 | 9.19  | 100.65  | 1.29    | -999.25 |
| 2152.0404 | 13.79 | 10.04 | 97.02   | -999.25 | 1.14    |
| 2152.1928 | 15.25 | 10.65 | 104.29  | 1.33    | 1.14    |
| 2152.3452 | 16.26 | 11.94 | 94.59   | 1.42    | -999.25 |
| 2152.4976 | 12.48 | 12.07 | 80.04   | 1.48    | 1.37    |
| 2152.6500 | 12.53 | 12.86 | -999.25 | -999.25 | 1.48    |
| 2152.8024 | 14.63 | 12.78 | 73.98   | 1.53    | -999.25 |
| 2152.9548 | 16.93 | 14.58 | 73.98   | 1.56    | 1.30    |
| 2153.1072 | 15.05 | 14.55 | 77.62   | 1.67    | 1.44    |
| 2153.2596 | 12.29 | 14.11 | -999.25 | 1.86    | -999.25 |
| 2153.4120 | 12.64 | 13.90 | 86.11   | 1.89    | 1.63    |
| 2153.5644 | 10.25 | 13.18 | 83.68   | -999.25 | 1.87    |
| 2153.7168 | 10.35 | 12.80 | 86.11   | 2.22    | 2.06    |
| 2153.8692 | 13.24 | 12.71 | 81.26   | 2.31    | 2.23    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2136.0384 | 16.41 | 16.40 | 66.10   | 3.06    | 2.83    |
| 2136.1908 | 14.70 | 16.15 | 81.26   | 2.98    | 2.83    |
| 2136.3432 | 18.53 | 17.07 | 77.62   | 3.14    | 2.64    |
| 2136.4956 | 31.00 | 17.51 | 81.66   | 3.12    | 2.75    |
| 2136.6480 | 22.31 | 17.98 | 75.20   | 3.17    | 3.15    |
| 2136.8004 | 15.34 | 17.47 | 78.83   | 3.26    | 3.19    |
| 2136.9528 | 13.39 | 16.75 | 77.62   | 3.12    | 3.27    |
| 2137.1052 | 12.48 | 15.20 | 70.35   | 2.98    | 3.19    |
| 2137.2576 | 14.10 | 16.37 | 71.96   | 2.86    | 2.63    |
| 2137.4100 | 13.59 | 15.66 | 92.17   | -999.25 | -999.25 |
| 2137.5624 | 12.24 | 15.33 | 88.53   | 2.57    | 2.26    |
| 2137.7148 | 18.33 | 16.35 | 88.53   | 2.44    | 1.98    |
| 2137.8672 | 26.16 | 16.11 | 80.04   | 2.36    | 1.90    |
| 2138.0196 | 16.76 | 15.01 | 89.74   | 2.36    | 2.02    |
| 2138.1720 | 15.37 | 15.12 | 80.65   | 2.31    | 2.10    |
| 2138.3244 | 19.09 | 15.61 | 78.83   | 2.31    | 2.14    |
| 2138.4768 | 15.96 | 15.70 | 71.56   | 2.31    | 2.14    |
| 2138.6292 | 13.95 | 16.03 | 92.17   | 2.23    | 2.11    |
| 2138.7816 | 11.63 | 14.99 | 92.17   | 2.22    | 2.02    |
| 2138.9340 | 12.38 | 15.67 | 86.11   | 2.09    | 1.94    |
| 2139.0864 | 16.83 | 16.06 | 94.19   | 2.01    | 1.87    |
| 2139.2388 | 18.08 | 15.64 | 95.80   | 1.88    | 1.80    |
| 2139.3912 | 13.82 | 14.47 | 80.04   | 1.79    | 1.75    |
| 2139.5436 | 10.65 | 14.12 | 81.26   | 1.67    | 1.59    |
| 2139.6960 | 10.47 | 13.30 | 93.38   | 1.55    | 1.46    |
| 2139.8484 | 10.57 | 12.62 | 90.96   | 1.51    | 1.33    |
| 2140.0008 | 11.50 | 12.49 | 91.56   | 1.46    | 1.25    |
| 2140.1532 | 7.96  | 11.11 | 86.11   | 1.44    | 1.26    |
| 2140.3056 | 4.76  | 9.54  | 82.47   | 1.42    | 1.28    |
| 2140.4580 | 6.71  | 9.64  | 92.17   | 1.40    | 1.24    |
| 2140.6104 | 10.24 | 8.89  | 82.47   | 1.39    | 1.23    |
| 2140.7628 | 6.76  | 8.18  | 87.92   | 1.40    | 1.22    |
| 2140.9152 | 9.12  | 8.34  | 97.02   | 1.42    | -999.25 |
| 2141.0676 | 7.73  | 7.73  | 89.74   | -999.25 | 1.30    |
| 2141.2200 | 6.25  | 7.53  | 80.65   | 1.45    | 1.34    |
| 2141.3724 | 10.63 | 7.74  | 89.74   | 1.51    | 1.37    |
| 2141.5248 | 6.93  | 6.93  | 85.50   | 1.56    | -999.25 |
| 2141.6772 | 5.93  | 7.26  | 87.32   | -999.25 | 1.37    |
| 2141.8296 | 12.20 | 8.43  | 92.17   | 1.56    | 1.44    |
| 2141.9820 | 10.19 | 7.84  | 95.20   | -999.25 | 1.44    |
| 2142.1344 | 8.33  | 8.12  | 84.29   | 1.56    | 1.41    |
| 2142.2868 | 8.52  | 8.23  | 77.62   | 1.56    | 1.39    |
| 2142.4392 | 9.43  | 8.17  | 80.85   | 1.56    | 1.39    |
| 2142.5916 | 13.57 | 9.06  | 83.68   | 1.60    | 1.35    |
| 2142.7440 | 11.66 | 9.29  | 79.64   | 1.64    | 1.41    |
| 2142.8964 | 10.05 | 8.97  | 80.04   | 1.71    | 1.39    |
| 2143.0488 | 9.82  | 10.09 | 81.26   | -999.25 | 1.44    |
| 2143.2012 | 9.61  | 10.15 | 83.38   | 1.93    | 1.62    |
| 2143.3536 | 12.12 | 10.08 | -999.25 | 2.13    | 2.02    |
| 2143.5060 | 14.29 | 10.76 | 71.07   | 2.22    | 2.64    |
| 2143.6584 | 15.48 | 11.34 | 69.13   | 2.22    | 2.61    |
| 2143.8108 | 17.02 | 12.31 | 74.89   | 2.13    | 2.10    |
| 2143.9632 | 14.01 | 12.31 | 74.29   | 2.09    | 1.90    |
| 2144.1156 | 11.37 | 11.90 | -999.25 | 1.93    | 1.62    |
| 2144.2680 | 9.53  | 11.76 | 73.98   | 1.86    | 1.56    |
| 2144.4204 | 12.15 | 12.40 | 72.77   | 1.81    | 1.62    |
| 2144.5728 | 21.14 | 13.49 | 76.41   | 1.82    | 1.58    |
| 2144.7252 | 25.62 | 14.79 | -999.25 | 1.79    | 1.51    |
| 2144.8776 | 28.12 | 15.45 | 87.32   | 1.78    | 1.64    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2127.0468 | 27.66 | 28.04 | 81.26   | 1.52    | 1.39    |
| 2127.1992 | 25.02 | 28.04 | 83.28   | 1.60    | 1.42    |
| 2127.3516 | 32.87 | 29.73 | 88.53   | 1.67    | 1.56    |
| 2127.5040 | 29.76 | 30.56 | 75.20   | 1.78    | 1.63    |
| 2127.6564 | 25.70 | 30.55 | 81.26   | 1.83    | 1.65    |
| 2127.8088 | 28.93 | 30.94 | -999.25 | 1.89    | 1.77    |
| 2127.9612 | 36.03 | 31.40 | 83.68   | 1.97    | 1.80    |
| 2128.1136 | 32.54 | 30.07 | 83.68   | 1.98    | 1.79    |
| 2128.2660 | 26.38 | 29.21 | 82.47   | 2.04    | 1.77    |
| 2128.4184 | 22.68 | 27.33 | 87.92   | 2.09    | 1.82    |
| 2128.5708 | 22.43 | 27.84 | 76.41   | 2.07    | 1.89    |
| 2128.7232 | 30.30 | 28.41 | 80.85   | 2.13    | 1.87    |
| 2128.8756 | 30.19 | 27.43 | 80.65   | 2.15    | 1.83    |
| 2129.0280 | 30.06 | 28.46 | 93.38   | 2.19    | 1.92    |
| 2129.1804 | 37.73 | 29.43 | 82.47   | 2.22    | 2.20    |
| 2129.3328 | 31.18 | 28.88 | 73.38   | 2.22    | 2.27    |
| 2129.4852 | 29.80 | 28.46 | 74.59   | 2.22    | 2.12    |
| 2129.6376 | 31.63 | 28.73 | 75.20   | 2.15    | 1.98    |
| 2129.7900 | 30.72 | 29.36 | 73.98   | 2.01    | 1.94    |
| 2129.9424 | 33.64 | 31.31 | 75.20   | 1.97    | 1.70    |
| 2130.0948 | 34.97 | 32.40 | 81.26   | 1.91    | 1.60    |
| 2130.2472 | 26.05 | 30.29 | 76.41   | 1.81    | 1.59    |
| 2130.3996 | 26.20 | 31.37 | 73.98   | 1.80    | 1.60    |
| 2130.5520 | 29.62 | 30.20 | 79.44   | -999.25 | 1.51    |
| 2130.7044 | 23.81 | 28.59 | 80.65   | 1.74    | 1.59    |
| 2130.8568 | 18.71 | 26.75 | 77.62   | -999.25 | 1.70    |
| 2131.0092 | 12.70 | 22.72 | 70.35   | 1.73    | -999.25 |
| 2131.1616 | 12.98 | 21.52 | 74.79   | 1.67    | 1.52    |
| 2131.3140 | 18.69 | 20.74 | 76.41   | -999.25 | 1.54    |
| 2131.4664 | 18.06 | 19.38 | 78.83   | 1.60    | 1.51    |
| 2131.6188 | 21.55 | 19.32 | 79.44   | 1.53    | 1.41    |
| 2131.7712 | 20.56 | 18.64 | 86.11   | 1.46    | 1.35    |
| 2131.9236 | 19.46 | 18.38 | 83.68   | 1.42    | 1.23    |
| 2132.0760 | 20.41 | 17.64 | 86.11   | 1.39    | 1.22    |
| 2132.2284 | 15.97 | 17.08 | 80.65   | 1.42    | 1.27    |
| 2132.3808 | 12.08 | 15.98 | 79.44   | 1.42    | 1.28    |
| 2132.5332 | 16.53 | 18.22 | 74.59   | 1.45    | 1.28    |
| 2132.6856 | 34.27 | 18.87 | 78.02   | 1.46    | 1.31    |
| 2132.8380 | 24.22 | 19.07 | 84.89   | 1.56    | 1.37    |
| 2132.9904 | 20.44 | 19.34 | 83.08   | 1.56    | 1.33    |
| 2133.1428 | 16.66 | 18.13 | 81.86   | 1.59    | 1.56    |
| 2133.2952 | 21.00 | 19.42 | 79.44   | -999.25 | 1.54    |
| 2133.4476 | 26.52 | 19.07 | 76.41   | 1.61    | 1.41    |
| 2133.6000 | 17.73 | 18.87 | 78.83   | 1.63    | 1.44    |
| 2133.7524 | 17.97 | 19.60 | 84.89   | 1.65    | 1.56    |
| 2133.9048 | 12.60 | 19.12 | 77.62   | 1.67    | 1.51    |
| 2134.0572 | 9.75  | 16.82 | 73.68   | 1.68    | 1.48    |
| 2134.2096 | 13.87 | 16.42 | -999.25 | 1.73    | 1.53    |
| 2134.3620 | 20.87 | 16.46 | 81.26   | 1.67    | 1.75    |
| 2134.5144 | 19.48 | 16.30 | 79.44   | 1.70    | 1.39    |
| 2134.6668 | 15.15 | 16.14 | 81.26   | 1.75    | 1.27    |
| 2134.8192 | 15.17 | 15.38 | 76.41   | 1.79    | 1.60    |
| 2134.9716 | 17.80 | 15.23 | 81.26   | 1.92    | 1.99    |
| 2135.1240 | 16.77 | 15.23 | 82.47   | 2.11    | 1.88    |
| 2135.2764 | 15.49 | 14.83 | 79.44   | 2.19    | 1.92    |
| 2135.4288 | 18.44 | 16.49 | 78.23   | 2.26    | 1.98    |
| 2135.5812 | 26.69 | 18.37 | 75.20   | 2.52    | 2.31    |
| 2135.7336 | 15.60 | 16.94 | 74.59   | 2.74    | 2.70    |
| 2135.8860 | 12.00 | 16.26 | 78.83   | 2.91    | 2.90    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2118.0552 | 19.41 | 21.36 | 97.02   | 1.35    | 1.19    |
| 2118.2076 | 24.44 | 21.49 | 86.71   | 1.35    | -999.25 |
| 2118.3600 | 18.80 | 19.79 | 84.89   | 1.36    | 1.23    |
| 2118.5124 | 17.59 | 19.93 | 92.17   | 1.35    | 1.21    |
| 2118.6648 | 18.72 | 20.11 | 89.74   | -999.25 | 1.23    |
| 2118.8172 | 10.79 | 17.29 | 94.59   | 1.35    | 1.17    |
| 2118.9696 | 10.21 | 16.78 | 90.96   | 1.35    | -999.25 |
| 2119.1220 | 15.17 | 16.39 | 90.96   | 1.35    | 1.16    |
| 2119.2744 | 18.30 | 16.09 | 95.80   | 1.37    | 1.21    |
| 2119.4268 | 27.59 | 17.09 | -999.25 | 1.44    | 1.23    |
| 2119.5792 | 27.82 | 16.94 | 91.56   | 1.46    | 1.39    |
| 2119.7316 | 18.71 | 16.38 | 83.68   | 1.51    | 1.44    |
| 2119.8840 | 18.82 | 16.94 | 84.89   | 1.48    | 1.46    |
| 2120.0364 | 23.86 | 17.23 | 95.80   | 1.46    | 1.35    |
| 2120.1888 | 20.06 | 17.15 | 86.71   | 1.43    | 1.28    |
| 2120.3412 | 17.18 | 19.55 | 90.96   | 1.39    | 1.29    |
| 2120.4936 | 15.14 | 19.26 | 83.68   | 1.33    | 1.25    |
| 2120.6460 | 12.78 | 18.65 | 83.68   | 1.24    | 1.07    |
| 2120.7984 | 14.42 | 18.23 | 94.59   | 1.19    | 1.06    |
| 2120.9508 | 18.73 | 17.53 | 95.80   | 1.12    | 1.02    |
| 2121.1032 | 19.36 | 17.24 | -999.25 | 1.09    | 1.00    |
| 2121.2556 | 18.43 | 17.48 | 91.56   | 1.08    | 0.98    |
| 2121.4080 | 21.80 | 17.68 | 101.87  | 1.06    | 0.95    |
| 2121.5604 | 21.92 | 17.26 | 88.53   | 1.05    | 0.96    |
| 2121.7128 | 23.97 | 18.21 | 94.59   | 1.05    | 0.96    |
| 2121.8652 | 22.09 | 18.06 | 82.47   | 1.05    | 0.95    |
| 2122.0176 | 18.97 | 19.14 | 81.26   | 1.04    | 0.95    |
| 2122.1700 | 22.66 | 20.61 | 94.59   | 1.04    | 0.92    |
| 2122.3224 | 27.71 | 21.93 | 97.02   | 1.02    | 0.93    |
| 2122.4748 | 25.82 | 21.93 | 91.56   | -999.25 | 0.91    |
| 2122.6272 | 21.66 | 22.47 | 95.20   | 1.02    | -999.25 |
| 2122.7796 | 23.52 | 23.12 | 97.62   | 1.01    | 0.91    |
| 2122.9320 | 20.30 | 22.13 | 91.56   | -999.25 | 0.92    |
| 2123.0844 | 20.07 | 22.68 | 99.44   | 1.02    | 0.92    |
| 2123.2368 | 21.71 | 21.71 | 95.40   | 1.03    | 0.94    |
| 2123.3892 | 19.72 | 22.13 | 98.23   | 1.02    | 0.99    |
| 2123.5416 | 19.12 | 21.75 | 93.78   | 1.04    | 0.97    |
| 2123.6940 | 25.04 | 22.55 | 90.55   | 1.04    | 0.92    |
| 2123.8464 | 27.23 | 21.69 | 88.53   | 1.04    | 0.95    |
| 2123.9988 | 27.27 | 22.76 | 92.47   | 1.04    | 0.95    |
| 2124.1512 | 21.78 | 21.72 | 86.11   | 1.02    | 0.95    |
| 2124.3036 | 20.57 | 22.15 | 92.77   | 1.02    | -999.25 |
| 2124.4560 | 28.51 | 23.14 | 92.17   | 1.02    | 0.90    |
| 2124.6084 | 23.96 | 22.97 | 85.50   | 1.05    | 0.94    |
| 2124.7608 | 24.28 | 23.67 | 82.47   | 1.07    | 0.98    |
| 2124.9132 | 31.08 | 25.11 | 88.53   | 1.11    | 1.01    |
| 2125.0656 | 29.36 | 25.91 | 92.17   | 1.14    | 1.03    |
| 2125.2180 | 29.07 | 25.83 | 86.51   | 1.15    | -999.25 |
| 2125.3704 | 28.41 | 26.12 | 84.89   | 1.19    | 1.05    |
| 2125.5228 | 25.57 | 25.51 | 83.68   | 1.20    | 1.09    |
| 2125.6752 | 26.00 | 27.18 | 86.91   | 1.25    | 1.12    |
| 2125.8276 | 24.66 | 26.60 | 80.04   | 1.27    | 1.18    |
| 2125.9800 | 20.69 | 25.35 | 81.86   | 1.33    | 1.19    |
| 2126.1324 | 23.02 | 26.36 | 84.89   | 1.33    | 1.19    |
| 2126.2848 | 27.36 | 25.96 | 86.11   | 1.33    | 1.23    |
| 2126.4372 | 31.10 | 26.36 | 86.11   | 1.35    | 1.26    |
| 2126.5896 | 38.40 | 27.09 | 78.83   | 1.37    | 1.23    |
| 2126.7420 | 38.45 | 27.59 | 93.38   | 1.39    | 1.22    |
| 2126.8944 | 36.47 | 28.28 | 87.92   | 1.46    | 1.23    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2109.0636 | 18.63 | 18.62 | -999.25 | 1.37    | 1.19    |
| 2109.2160 | 22.90 | 22.67 | 92.17   | 1.19    | 1.05    |
| 2109.3684 | 28.54 | 20.59 | 93.38   | 1.14    | 0.95    |
| 2109.5208 | 29.64 | 21.95 | -999.25 | 1.09    | 0.91    |
| 2109.6732 | 17.29 | 20.49 | 90.96   | 1.06    | 0.92    |
| 2109.8256 | 15.38 | 20.61 | -999.25 | 1.05    | 0.96    |
| 2109.9780 | 13.44 | 18.66 | 90.96   | 1.08    | 0.88    |
| 2110.1304 | 10.02 | 16.91 | 94.59   | -999.25 | -999.25 |
| 2110.2828 | 16.48 | 17.75 | 87.32   | 1.21    | 1.05    |
| 2110.4352 | 24.21 | 17.64 | -999.25 | 1.33    | -999.25 |
| 2110.5876 | 20.70 | 18.10 | 78.83   | -999.25 | 1.26    |
| 2110.7400 | 30.88 | 18.37 | 90.96   | 1.57    | 1.33    |
| 2110.8924 | 18.72 | 16.97 | 80.04   | -999.25 | 1.46    |
| 2111.0448 | 14.30 | 16.21 | -999.25 | 1.79    | -999.25 |
| 2111.1972 | 14.29 | 16.30 | 92.17   | 1.97    | 1.62    |
| 2111.3496 | 14.55 | 16.02 | 72.77   | 2.04    | 1.90    |
| 2111.5020 | 18.29 | 17.42 | 87.32   | -999.25 | 1.90    |
| 2111.6544 | 24.43 | 19.74 | 84.89   | 2.09    | 1.90    |
| 2111.8068 | 31.26 | 19.35 | 83.68   | 2.22    | -999.25 |
| 2111.9592 | 31.09 | 20.48 | -999.25 | 2.22    | 1.94    |
| 2112.1116 | 17.35 | 18.68 | 80.04   | 2.22    | 2.10    |
| 2112.2640 | 12.12 | 16.99 | -999.25 | 2.17    | -999.25 |
| 2112.4164 | 17.61 | 18.44 | 80.04   | 2.09    | 2.02    |
| 2112.5688 | 16.84 | 17.62 | 75.20   | -999.25 | 1.87    |
| 2112.7212 | 8.68  | 15.81 | 84.89   | 1.93    | -999.25 |
| 2112.8736 | 10.09 | 15.92 | -999.25 | -999.25 | 2.02    |
| 2113.0260 | 11.61 | 14.38 | 78.83   | 1.61    | -999.25 |
| 2113.1784 | 9.49  | 13.21 | 71.56   | 1.44    | 1.44    |
| 2113.3308 | 18.61 | 13.53 | -999.25 | 1.31    | 1.26    |
| 2113.4832 | 38.98 | 13.44 | 81.26   | -999.25 | 1.16    |
| 2113.6356 | 21.43 | 13.95 | 81.26   | 1.24    | -999.25 |
| 2113.7880 | 20.05 | 14.74 | 83.08   | 1.22    | 1.06    |
| 2113.9404 | 27.86 | 14.81 | 77.01   | 1.19    | 1.03    |
| 2114.0928 | 36.92 | 16.29 | 82.47   | -999.25 | 1.14    |
| 2114.2452 | 20.17 | 18.38 | 81.26   | 1.17    | -999.25 |
| 2114.3976 | 20.63 | 19.50 | 83.68   | 1.15    | 1.02    |
| 2114.5500 | 30.73 | 22.89 | 76.41   | 1.15    | -999.25 |
| 2114.7024 | 30.18 | 27.14 | 82.47   | -999.25 | 1.05    |
| 2114.8548 | 32.72 | 25.61 | 88.53   | 1.20    | 1.05    |
| 2115.0072 | 26.08 | 25.39 | 82.47   | 1.22    | 1.11    |
| 2115.1596 | 18.20 | 24.57 | 81.86   | 1.31    | -999.25 |
| 2115.3120 | 21.38 | 25.80 | 92.17   | -999.25 | 1.09    |
| 2115.4644 | 29.33 | 24.78 | 87.32   | 1.51    | -999.25 |
| 2115.6168 | 22.74 | 23.73 | -999.25 | 1.61    | 1.28    |
| 2115.7692 | 27.23 | 26.47 | 80.04   | -999.25 | 1.41    |
| 2115.9216 | 24.72 | 24.67 | 84.89   | 1.86    | 1.67    |
| 2116.0740 | 22.65 | 24.94 | 75.20   | -999.25 | -999.25 |
| 2116.2264 | 22.41 | 23.35 | 75.20   | 2.09    | 2.37    |
| 2116.3788 | 20.59 | 22.88 | 65.50   | 2.09    | 2.47    |
| 2116.5312 | 24.31 | 23.05 | 72.16   | 1.93    | -999.25 |
| 2116.6836 | 23.46 | 24.25 | 92.17   | 1.79    | 2.02    |
| 2116.8360 | 28.94 | 24.42 | 90.35   | 1.67    | 1.54    |
| 2116.9884 | 25.83 | 23.72 | 90.96   | 1.59    | 1.38    |
| 2117.1408 | 17.39 | 22.91 | 84.29   | 1.53    | 1.35    |
| 2117.2932 | 18.40 | 21.89 | 87.32   | 1.48    | 1.33    |
| 2117.4456 | 20.60 | 22.09 | 87.32   | 1.44    | 1.30    |
| 2117.5980 | 20.01 | 21.35 | 97.02   | 1.39    | 1.25    |
| 2117.7504 | 23.83 | 22.35 | -999.25 | -999.25 | 1.23    |
| 2117.9028 | 20.51 | 21.33 | 92.77   | 1.35    | 1.16    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2100.2244 | 31.86 | 30.13 | 78.83   | 1.09    | 0.90    |
| 2100.3768 | 39.94 | 30.84 | 87.32   | 1.12    | 0.97    |
| 2100.5292 | 34.16 | 31.32 | 84.89   | 1.20    | -999.25 |
| 2100.6816 | 29.21 | 32.29 | 82.47   | -999.25 | 1.07    |
| 2100.8340 | 21.35 | 29.69 | 87.32   | 1.29    | 1.14    |
| 2100.9864 | 20.66 | 30.05 | 75.20   | 1.39    | 1.41    |
| 2101.1388 | 18.82 | 26.49 | 90.96   | 1.39    | -999.25 |
| 2101.2912 | 15.20 | 24.17 | 73.98   | 1.39    | 1.47    |
| 2101.4436 | 20.72 | 23.94 | 84.89   | 1.33    | 1.21    |
| 2101.5960 | 23.42 | 23.13 | 78.23   | -999.25 | -999.25 |
| 2101.7484 | 19.71 | 21.91 | 90.35   | 1.24    | 1.09    |
| 2101.9008 | 24.87 | 21.62 | 87.32   | -999.25 | 1.11    |
| 2102.0532 | 25.78 | 21.03 | 98.23   | 1.19    | 1.11    |
| 2102.2056 | 22.50 | 20.70 | 78.83   | 1.14    | 1.00    |
| 2102.3580 | 27.82 | 22.04 | 83.68   | -999.25 | 0.98    |
| 2102.5104 | 31.05 | 22.19 | 80.04   | 1.12    | 0.95    |
| 2102.6628 | 21.38 | 22.68 | 75.20   | 1.14    | 1.00    |
| 2102.8152 | 17.24 | 22.98 | 87.32   | 1.20    | 1.02    |
| 2102.9676 | 15.38 | 21.07 | 84.89   | 1.25    | -999.25 |
| 2103.1200 | 15.43 | 20.86 | 95.80   | 1.33    | 1.14    |
| 2103.2724 | 18.03 | 20.66 | 82.47   | 1.37    | 1.27    |
| 2103.4248 | 14.54 | 18.64 | 76.41   | 1.46    | 1.28    |
| 2103.5772 | 12.79 | 17.77 | 84.89   | 1.53    | 1.59    |
| 2103.7296 | 18.58 | 18.01 | 63.07   | 1.57    | 1.70    |
| 2103.8820 | 25.11 | 17.53 | 82.47   | 1.53    | 1.51    |
| 2104.0344 | 28.03 | 17.79 | 84.89   | -999.25 | 1.35    |
| 2104.1868 | 30.90 | 18.46 | 90.96   | 1.53    | 1.35    |
| 2104.3392 | 20.67 | 18.42 | 86.11   | 1.48    | 1.41    |
| 2104.4916 | 26.46 | 20.52 | 82.47   | 1.43    | 1.37    |
| 2104.6440 | 38.95 | 21.52 | 84.89   | 1.37    | 1.26    |
| 2104.7964 | 23.94 | 21.74 | 94.59   | 1.33    | 1.16    |
| 2104.9488 | 24.17 | 24.40 | 86.11   | 1.28    | 1.11    |
| 2105.1012 | 28.51 | 26.76 | 81.26   | 1.27    | 1.05    |
| 2105.2536 | 19.46 | 24.69 | 92.17   | 1.31    | 0.99    |
| 2105.4060 | 15.21 | 23.50 | 94.59   | 1.37    | 1.17    |
| 2105.5584 | 19.15 | 22.83 | -999.25 | 1.51    | 1.56    |
| 2105.7108 | 19.29 | 21.53 | 70.95   | 1.59    | 1.87    |
| 2105.8632 | 18.47 | 22.24 | 65.50   | 1.53    | 1.70    |
| 2106.0156 | 21.06 | 20.67 | -999.25 | 1.46    | 1.39    |
| 2106.1680 | 14.53 | 18.66 | 80.04   | -999.25 | 1.06    |
| 2106.3204 | 16.83 | 19.26 | 81.26   | 1.42    | 1.16    |
| 2106.4728 | 18.31 | 17.78 | 93.38   | 1.55    | 1.24    |
| 2106.6252 | 9.20  | 15.01 | 64.29   | 1.67    | 1.51    |
| 2106.7776 | 10.00 | 15.16 | 72.77   | 1.74    | 1.74    |
| 2106.9300 | 22.89 | 16.07 | -999.25 | 1.93    | 1.98    |
| 2107.0824 | 21.98 | 15.47 | 78.23   | 2.01    | 1.94    |
| 2107.2348 | 13.84 | 15.08 | 71.56   | 2.04    | 1.80    |
| 2107.3872 | 13.92 | 14.67 | -999.25 | 2.11    | 1.80    |
| 2107.5396 | 19.42 | 14.90 | 93.38   | 2.13    | 1.89    |
| 2107.6920 | 11.32 | 13.88 | 87.32   | 2.17    | -999.25 |
| 2107.8444 | 16.45 | 14.84 | 82.47   | 2.22    | 1.77    |
| 2107.9968 | 37.77 | 15.05 | -999.25 | 2.26    | 1.80    |
| 2108.1492 | 17.64 | 17.55 | 81.26   | -999.25 | 2.02    |
| 2108.3016 | 19.92 | 17.71 | 73.98   | 2.26    | 2.64    |
| 2108.4540 | 19.84 | 17.14 | 70.35   | 2.17    | -999.25 |
| 2108.6064 | 21.42 | 17.63 | -999.25 | 2.01    | 2.40    |
| 2108.7588 | 21.26 | 18.77 | 80.04   | 1.73    | 1.67    |
| 2108.9112 |       |       |         |         |         |
| 18.69     | 18.86 | 93.38 | 1.59    | 1.44    |         |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2091.2328 | 51.94 | 28.97 | 94.59   | -999.25 | 1.09    |
| 2091.3852 | 34.89 | 33.82 | 98.23   | 1.17    | 1.12    |
| 2091.5376 | 29.03 | 34.16 | 95.80   | 1.19    | 1.16    |
| 2091.6900 | 38.73 | 34.94 | 100.65  | 1.17    | 1.12    |
| 2091.8424 | 33.74 | 34.57 | 90.96   | 1.14    | 1.02    |
| 2091.9948 | 26.77 | 33.38 | 94.59   | -999.25 | 0.99    |
| 2092.1472 | 32.87 | 33.92 | 84.89   | 1.14    | 0.96    |
| 2092.2996 | 33.16 | 33.46 | -999.25 | 1.19    | 1.03    |
| 2092.4520 | 28.13 | 33.49 | 83.68   | 1.24    | 1.05    |
| 2092.6044 | 29.08 | 31.97 | 83.68   | 1.31    | 1.25    |
| 2092.7568 | 33.98 | 31.35 | 93.38   | 1.38    | 1.33    |
| 2092.9092 | 42.10 | 33.01 | 84.89   | 1.39    | 1.36    |
| 2093.0616 | 27.22 | 30.91 | 88.93   | -999.25 | -999.25 |
| 2093.2140 | 31.20 | 31.70 | -999.25 | 1.42    | 1.41    |
| 2093.3664 | 41.52 | 32.00 | 93.38   | 1.42    | 1.46    |
| 2093.5188 | 37.24 | 33.96 | 98.23   | 1.28    | 1.42    |
| 2093.6712 | 48.06 | 34.10 | 86.11   | 1.14    | 0.94    |
| 2093.8236 | 37.85 | 34.85 | 80.04   | 1.04    | -999.25 |
| 2093.9760 | 33.90 | 35.57 | 97.62   | 1.05    | 0.77    |
| 2094.1284 | 37.63 | 36.86 | 101.87  | 1.17    | 0.94    |
| 2094.2808 | 35.01 | 35.79 | 106.11  | 1.19    | 1.19    |
| 2094.4332 | 35.37 | 35.67 | 98.23   | 1.22    | 1.21    |
| 2094.5856 | 36.77 | 38.42 | -999.25 | 1.20    | 1.11    |
| 2094.7380 | 31.38 | 35.72 | 105.50  | 1.20    | 1.07    |
| 2094.8904 | 29.93 | 35.85 | 89.74   | 1.20    | 1.09    |
| 2095.0428 | 31.65 | 34.55 | 84.89   | 1.18    | 1.21    |
| 2095.1952 | 27.87 | 32.35 | 92.17   | 1.11    | 1.26    |
| 2095.3476 | 26.61 | 32.07 | 94.59   | -999.25 | 1.07    |
| 2095.5000 | 23.83 | 29.94 | 94.59   | 0.97    | -999.25 |
| 2095.6524 | 26.40 | 29.90 | 102.27  | 0.96    | 0.84    |
| 2095.8048 | 22.85 | 27.44 | 87.92   | 0.95    | 0.82    |
| 2095.9572 | 18.50 | 25.91 | 95.20   | 0.93    | 0.83    |
| 2096.1096 | 18.13 | 23.79 | 93.38   | 0.95    | 0.82    |
| 2096.2620 | 19.25 | 23.47 | -999.25 | 0.98    | 0.83    |
| 2096.4144 | 22.20 | 22.54 | 95.80   | -999.25 | -999.25 |
| 2096.5668 | 19.07 | 21.38 | 95.20   | 1.11    | 1.00    |
| 2096.7192 | 19.97 | 21.19 | -999.25 | 1.22    | 1.11    |
| 2096.8716 | 20.38 | 20.38 | -999.25 | -999.25 | 1.14    |
| 2097.0240 | 23.69 | 21.16 | 99.44   | 1.25    | 1.29    |
| 2097.1764 | 27.82 | 20.54 | 97.62   | 1.25    | 1.28    |
| 2097.3288 | 20.10 | 20.64 | -999.25 | 1.24    | 1.12    |
| 2097.4812 | 21.54 | 21.20 | 89.74   | 1.22    | 1.06    |
| 2097.6336 | 23.87 | 21.84 | 93.38   | 1.25    | 1.05    |
| 2097.7860 | 22.26 | 21.86 | 90.96   | 1.35    | -999.25 |
| 2097.9384 | 28.25 | 22.80 | -999.25 | 1.42    | 1.23    |
| 2098.0908 | 33.20 | 24.22 | 89.14   | -999.25 | 1.35    |
| 2098.2432 | 37.26 | 25.50 | 80.04   | 1.53    | 1.40    |
| 2098.3956 | 31.21 | 26.39 | -999.25 | -999.25 | 1.56    |
| 2098.5480 | 29.18 | 26.58 | 92.17   | 1.55    | 1.62    |
| 2098.7004 | 27.23 | 26.29 | 73.98   | 1.55    | 1.46    |
| 2098.8528 | 26.60 | 28.41 | 77.62   | 1.49    | 1.42    |
| 2099.0052 | 28.14 | 27.88 | 78.83   | 1.36    | 1.41    |
| 2099.1576 | 24.09 | 28.47 | 93.38   | 1.24    | 1.17    |
| 2099.3100 | 26.25 | 28.98 | 86.11   | 1.19    | 0.99    |
| 2099.4624 | 27.14 | 28.24 | 86.11   | -999.25 | -999.25 |
| 2099.6148 | 30.49 | 28.54 | 105.50  | 1.14    | 1.11    |
| 2099.7672 | 39.49 | 28.48 | 90.96   | 1.11    | 1.04    |
| 2099.9196 | 35.59 | 29.20 | -999.25 | -999.25 | -999.25 |
| 2100.0720 | 29.92 | 28.62 | 82.47   | 1.08    | -999.25 |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2082.2412 | 40.51 | 32.93 | 106.71  | 1.12    | 1.06    |
| 2082.3936 | 25.61 | 29.06 | -999.25 | -999.25 | -999.25 |
| 2082.5460 | 14.67 | 27.99 | 99.44   | 1.03    | 0.92    |
| 2082.6984 | 19.04 | 27.33 | 84.89   | 0.98    | 0.90    |
| 2082.8508 | 36.27 | 29.24 | -999.25 | 0.95    | -999.25 |
| 2083.0032 | 40.39 | 28.84 | 80.04   | 0.95    | 0.83    |
| 2083.1556 | 43.90 | 28.80 | -999.25 | 0.95    | 0.82    |
| 2083.3080 | 44.17 | 28.97 | 99.44   | 0.98    | 0.80    |
| 2083.4604 | 43.22 | 30.06 | 105.50  | 1.01    | 0.88    |
| 2083.6128 | 64.41 | 32.37 | 88.53   | 1.08    | 0.89    |
| 2083.7652 | 38.15 | 29.79 | 99.44   | -999.25 | 0.92    |
| 2083.9176 | 29.01 | 33.36 | 105.50  | 1.20    | 1.09    |
| 2084.0700 | 33.39 | 38.57 | 95.80   | -999.25 | 1.23    |
| 2084.2224 | 26.67 | 37.07 | 90.96   | 1.29    | -999.25 |
| 2084.3748 | 22.01 | 33.89 | 87.32   | -999.25 | 1.17    |
| 2084.5272 | 27.11 | 34.01 | 82.47   | 1.25    | 1.19    |
| 2084.6796 | 26.67 | 30.82 | 90.96   | 1.24    | 1.23    |
| 2084.8320 | 26.00 | 30.71 | 92.17   | 1.14    | -999.25 |
| 2084.9844 | 40.87 | 30.57 | 101.87  | -999.25 | 1.16    |
| 2085.1368 | 37.12 | 28.70 | 97.02   | 1.02    | 0.94    |
| 2085.2892 | 35.40 | 30.19 | 88.53   | 0.96    | 0.88    |
| 2085.4416 | 34.95 | 29.69 | 89.74   | 0.90    | 0.85    |
| 2085.5940 | 22.20 | 27.67 | -999.25 | -999.25 | -999.25 |
| 2085.7464 | 21.83 | 28.29 | 91.56   | 0.80    | 0.73    |
| 2085.8988 | 30.36 | 29.73 | 92.17   | 0.78    | 0.66    |
| 2086.0512 | 33.69 | 29.50 | 101.87  | 0.79    | -999.25 |
| 2086.2036 | 32.86 | 31.03 | 94.59   | -999.25 | 0.69    |
| 2086.3560 | 24.57 | 29.11 | 100.65  | 0.88    | -999.25 |
| 2086.5084 | 24.75 | 28.24 | 103.08  | -999.25 | 0.76    |
| 2086.6608 | 29.59 | 28.00 | 94.59   | 0.94    | 0.86    |
| 2086.8132 | 26.88 | 26.88 | 95.80   | 1.02    | 0.98    |
| 2086.9656 | 24.14 | 26.12 | -999.25 | 1.11    | 1.05    |
| 2087.1180 | 26.44 | 27.97 | 107.93  | 1.14    | 1.09    |
| 2087.2704 | 36.18 | 28.86 | 101.87  | 1.15    | 1.12    |
| 2087.4228 | 32.56 | 28.32 | 88.53   | 1.13    | 1.07    |
| 2087.5752 | 29.05 | 28.09 | -999.25 | 1.11    | 0.99    |
| 2087.7276 | 27.30 | 27.36 | 88.53   | -999.25 | -999.25 |
| 2087.8800 | 28.03 | 28.91 | 88.53   | 1.08    | 0.98    |
| 2088.0324 | 29.56 | 28.38 | 89.74   | 1.05    | 0.99    |
| 2088.1848 | 22.40 | 27.20 | 88.53   | -999.25 | 0.95    |
| 2088.3372 | 23.33 | 27.49 | 92.77   | 1.04    | 0.90    |
| 2088.4896 | 23.54 | 27.05 | 104.29  | 1.05    | 0.92    |
| 2088.6420 | 17.73 | 24.95 | 98.23   | 1.05    | 1.06    |
| 2088.7944 | 22.79 | 24.86 | 110.35  | 1.05    | -999.25 |
| 2088.9468 | 31.42 | 24.81 | 98.23   | 1.02    | 0.96    |
| 2089.0992 | 24.30 | 24.06 | 99.44   | 0.97    | 0.89    |
| 2089.2516 | 28.21 | 24.95 | 98.23   | 0.94    | 0.86    |
| 2089.4040 | 34.42 | 24.85 | 92.17   | 0.91    | 0.80    |
| 2089.5564 | 24.43 | 24.10 | 98.23   | 0.89    | 0.79    |
| 2089.7088 | 19.08 | 23.93 | 104.29  | 0.97    | 0.79    |
| 2089.8612 | 13.51 | 20.95 | -999.25 | 0.88    | 0.78    |
| 2090.0136 | 16.48 | 22.01 | 91.56   | -999.25 | 0.80    |
| 2090.1660 | 32.73 | 23.50 | 101.87  | 0.90    | -999.25 |
| 2090.3184 | 31.86 | 23.29 | 91.56   | -999.25 | 0.80    |
| 2090.4708 | 32.61 | 23.63 | 100.65  | 0.93    | 0.86    |
| 2090.6232 | 36.14 | 24.85 | -999.25 | -999.25 | 0.87    |
| 2090.7756 | 32.78 | 24.19 | 96.41   | 0.98    | 0.82    |
| 2090.9280 | 29.74 | 24.30 | 95.80   | 1.06    | -999.25 |
| 2091.0804 | 36.45 | 25.88 | 97.02   | 1.12    | 0.92    |



|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2073.2496 | 24.64 | 28.38 | 95.80   | 1.24    | -999.25 |
| 2073.4020 | 23.15 | 28.99 | -999.25 | -999.25 | 1.11    |
| 2073.5544 | 27.99 | 27.81 | 82.47   | 1.20    | 1.16    |
| 2073.7068 | 32.49 | 26.91 | 72.77   | 1.17    | -999.25 |
| 2073.8592 | 40.75 | 27.19 | -999.25 | 1.15    | 1.02    |
| 2074.0116 | 35.91 | 26.42 | 86.11   | -999.25 | 1.07    |
| 2074.1640 | 35.18 | 29.58 | -999.25 | 1.15    | 1.09    |
| 2074.3164 | 35.82 | 31.27 | 92.17   | 1.12    | 1.14    |
| 2074.4688 | 32.31 | 31.21 | 103.08  | 1.09    | 0.99    |
| 2074.6212 | 39.97 | 32.31 | 95.80   | 1.01    | -999.25 |
| 2074.7736 | 30.85 | 32.88 | -999.25 | 1.00    | 0.88    |
| 2074.9260 | 18.95 | 30.43 | 109.14  | 1.00    | 0.81    |
| 2075.0784 | 17.98 | 29.08 | -999.25 | 1.05    | -999.25 |
| 2075.2308 | 28.79 | 29.71 | 100.65  | 1.09    | 0.98    |
| 2075.3832 | 19.85 | 25.28 | 104.29  | -999.25 | 1.07    |
| 2075.5356 | 20.12 | 26.30 | -999.25 | 1.11    | 1.07    |
| 2075.6880 | 34.27 | 25.19 | 89.74   | 1.08    | -999.25 |
| 2075.8404 | 29.28 | 25.46 | 89.74   | 1.06    | 0.98    |
| 2075.9928 | 37.64 | 25.76 | 89.74   | 1.05    | 0.90    |
| 2076.1452 | 42.20 | 25.64 | -999.25 | 1.06    | -999.25 |
| 2076.2976 | 36.74 | 26.46 | 107.93  | -999.25 | 0.96    |
| 2076.4500 | 34.80 | 29.24 | -999.25 | 1.08    | 1.03    |
| 2076.6024 | 30.25 | 30.05 | 103.08  | 1.05    | -999.25 |
| 2076.7548 | 25.82 | 28.57 | -999.25 | -999.25 | 0.90    |
| 2076.9072 | 26.11 | 32.40 | 92.17   | 1.06    | 0.91    |
| 2077.0596 | 27.23 | 30.86 | -999.25 | 1.12    | -999.25 |
| 2077.2120 | 24.16 | 30.02 | 94.59   | -999.25 | 0.99    |
| 2077.3644 | 22.04 | 28.86 | 78.83   | 1.20    | -999.25 |
| 2077.5168 | 30.74 | 28.98 | -999.25 | -999.25 | 1.11    |
| 2077.6692 | 30.37 | 27.40 | 90.96   | 1.22    | 1.11    |
| 2077.8216 | 27.63 | 27.55 | -999.25 | 1.25    | 1.17    |
| 2077.9740 | 29.33 | 26.62 | 92.17   | -999.25 | -999.25 |
| 2078.1264 | 24.13 | 26.34 | 87.32   | 1.25    | 1.28    |
| 2078.2788 | 19.19 | 24.85 | 97.02   | 1.20    | -999.25 |
| 2078.4312 | 23.79 | 25.83 | 93.38   | 1.12    | 1.12    |
| 2078.5836 | 39.97 | 26.38 | 92.17   | -999.25 | 0.98    |
| 2078.7360 | 33.73 | 27.49 | 95.80   | 1.06    | -999.25 |
| 2078.8884 | 38.67 | 29.41 | 98.23   | -999.25 | 0.94    |
| 2079.0408 | 37.45 | 28.41 | 98.83   | 1.08    | 0.94    |
| 2079.1932 | 35.93 | 30.32 | -999.25 | 1.08    | 0.96    |
| 2079.3456 | 31.67 | 29.17 | 106.71  | -999.25 | -999.25 |
| 2079.4980 | 40.11 | 32.10 | 95.80   | 1.08    | -999.25 |
| 2079.6504 | 35.34 | 31.59 | -999.25 | -999.25 | 0.98    |
| 2079.8028 | 24.43 | 34.58 | 82.47   | 1.05    | 0.99    |
| 2079.9552 | 28.05 | 32.92 | 92.17   | 1.02    | -999.25 |
| 2080.1076 | 33.79 | 33.52 | 76.41   | -999.25 | 0.94    |
| 2080.2600 | 26.11 | 31.15 | 83.68   | 1.00    | -999.25 |
| 2080.4124 | 17.83 | 27.88 | 77.62   | -999.25 | 0.90    |
| 2080.5648 | 23.58 | 28.37 | 94.59   | 1.01    | 0.91    |
| 2080.7172 | 23.59 | 25.78 | 86.11   | 1.02    | 0.88    |
| 2080.8696 | 24.55 | 26.97 | 95.80   | -999.25 | -999.25 |
| 2081.0220 | 24.18 | 23.77 | -999.25 | 1.14    | 0.99    |
| 2081.1744 | 24.04 | 25.16 | 89.74   | 1.17    | -999.25 |
| 2081.3268 | 28.43 | 24.44 | 92.17   | 1.20    | 1.17    |
| 2081.4792 | 29.12 | 25.33 | -999.25 | -999.25 | 1.12    |
| 2081.6316 | 49.58 | 25.62 | 89.74   | 1.19    | 1.07    |
| 2081.7840 | 42.72 | 27.40 | 89.74   | 1.19    | 1.11    |
| 2081.9364 | 32.88 | 29.49 | 94.59   | 1.19    | 1.11    |
| 2082.0888 | 29.71 | 28.78 | 88.53   | -999.25 | 1.12    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2064.2580 | 23.51 | 28.19 | 87.32   | 1.25    | -999.25 |
| 2064.4104 | 26.72 | 27.57 | 88.53   | 1.27    | 1.18    |
| 2064.5628 | 23.65 | 26.55 | -999.25 | 1.24    | -999.25 |
| 2064.7152 | 26.57 | 27.41 | -999.25 | -999.25 | 1.30    |
| 2064.8676 | 42.76 | 32.21 | 97.02   | 1.09    | 1.09    |
| 2065.0200 | 43.34 | 32.00 | 84.89   | 1.04    | -999.25 |
| 2065.1724 | 40.79 | 31.89 | -999.25 | -999.25 | 0.94    |
| 2065.3248 | 35.45 | 31.05 | 93.99   | 0.92    | -999.25 |
| 2065.4772 | 32.98 | 30.67 | 78.83   | -999.25 | 0.80    |
| 2065.6296 | 28.25 | 30.91 | 86.11   | 0.89    | 0.79    |
| 2065.7820 | 25.73 | 31.37 | -999.25 | 0.91    | -999.25 |
| 2065.9344 | 19.57 | 28.50 | 95.80   | 0.95    | 0.80    |
| 2066.0868 | 19.48 | 29.69 | -999.25 | -999.25 | 0.85    |
| 2066.2392 | 27.50 | 28.71 | 104.29  | 1.04    | -999.25 |
| 2066.3916 | 29.77 | 27.99 | -999.25 | 1.08    | 0.94    |
| 2066.5440 | 38.96 | 28.29 | 99.44   | 1.12    | 1.03    |
| 2066.6964 | 43.76 | 28.25 | -999.25 | 1.19    | -999.25 |
| 2066.8488 | 44.73 | 29.26 | 88.53   | 1.20    | 1.19    |
| 2067.0012 | 37.90 | 28.90 | 89.74   | 1.17    | 1.21    |
| 2067.1536 | 38.91 | 31.02 | 82.47   | 1.09    | -999.25 |
| 2067.3060 | 28.67 | 29.58 | -999.25 | -999.25 | 1.00    |
| 2067.4584 | 20.15 | 31.31 | 103.08  | 1.04    | 0.87    |
| 2067.6108 | 23.15 | 31.07 | 97.02   | 1.01    | 0.87    |
| 2067.7632 | 29.75 | 31.86 | 97.02   | -999.25 | -999.25 |
| 2067.9156 | 32.58 | 31.64 | -999.25 | 1.12    | -999.25 |
| 2068.0680 | 29.70 | 30.31 | 90.96   | 1.22    | 0.98    |
| 2068.2204 | 28.38 | 29.34 | 86.11   | -999.25 | 1.16    |
| 2068.3728 | 29.59 | 28.34 | -999.25 | 1.29    | -999.25 |
| 2068.5252 | 38.68 | 29.43 | 97.02   | 1.33    | 1.30    |
| 2068.6776 | 37.93 | 28.24 | 84.89   | 1.30    | 1.37    |
| 2068.8300 | 30.25 | 29.75 | 88.53   | -999.25 | 1.37    |
| 2068.9824 | 33.82 | 31.84 | 87.32   | -999.25 | -999.25 |
| 2069.1348 | 37.03 | 32.93 | -999.25 | 1.05    | 0.90    |
| 2069.2872 | 37.41 | 33.30 | 95.80   | 0.91    | -999.25 |
| 2069.4396 | 39.96 | 34.20 | 86.11   | -999.25 | 0.79    |
| 2069.5920 | 38.94 | 35.18 | 98.23   | 0.91    | -999.25 |
| 2069.7444 | 38.19 | 36.46 | -999.25 | -999.25 | 0.74    |
| 2069.8968 | 38.35 | 37.20 | 95.80   | 1.08    | -999.25 |
| 2070.0492 | 38.21 | 36.38 | -999.25 | 1.19    | 1.03    |
| 2070.2016 | 35.57 | 36.72 | 88.53   | -999.25 | 1.21    |
| 2070.3540 | 36.69 | 37.98 | -999.25 | 1.22    | 1.19    |
| 2070.5064 | 39.05 | 37.82 | 80.04   | 1.25    | -999.25 |
| 2070.6588 | 30.00 | 36.24 | 82.47   | 1.24    | 1.14    |
| 2070.8112 | 22.69 | 33.43 | 81.26   | 1.24    | 1.26    |
| 2070.9636 | 27.79 | 33.58 | -999.25 | -999.25 | 1.25    |
| 2071.1160 | 29.98 | 31.80 | 89.74   | 1.11    | -999.25 |
| 2071.2684 | 26.01 | 31.02 | 95.80   | -999.25 | 1.00    |
| 2071.4208 | 36.50 | 31.54 | -999.25 | 1.05    | 0.91    |
| 2071.5732 | 37.72 | 30.95 | 85.50   | 1.01    | 0.86    |
| 2071.7256 | 22.97 | 28.74 | 92.17   | 1.02    | 0.85    |
| 2071.8780 | 20.11 | 27.17 | -999.25 | 1.08    | -999.25 |
| 2072.0304 | 31.15 | 27.71 | 90.96   | -999.25 | 0.90    |
| 2072.1828 | 57.46 | 29.75 | 90.96   | 1.17    | 1.11    |
| 2072.3352 | 48.95 | 31.88 | 82.47   | 1.27    | -999.25 |
| 2072.4876 | 40.97 | 31.95 | -999.25 | 1.27    | 1.25    |
| 2072.6400 | 23.12 | 29.99 | 85.50   | -999.25 | 1.26    |
| 2072.7924 | 17.45 | 28.51 | 88.53   | 1.25    | 1.16    |
| 2072.9448 | 25.13 | 27.91 | -999.25 | 1.20    | -999.25 |
| 2073.0972 | 33.19 | 27.94 | 95.80   | 1.22    | 1.05    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2055.2664 | 40.91 | 40.92 | -999.25 | 1.17    | -999.25 |
| 2055.4188 | 15.14 | 31.80 | 93.38   | -999.25 | 1.09    |
| 2055.5712 | 20.39 | 34.40 | 104.29  | 1.17    | -999.25 |
| 2055.7236 | 80.98 | 33.68 | 106.71  | 1.14    | 1.07    |
| 2055.8760 | 24.78 | 30.82 | 97.02   | -999.25 | 1.11    |
| 2056.0284 | 17.80 | 28.69 | -999.25 | -999.25 | -999.25 |
| 2056.1808 | 16.33 | 25.97 | 90.96   | 1.06    | -999.25 |
| 2056.3332 | 17.16 | 23.76 | -999.25 | 1.06    | 0.90    |
| 2056.4856 | 26.14 | 23.44 | 95.80   | -999.25 | 0.91    |
| 2056.6380 | 50.26 | 23.50 | -999.25 | 1.12    | 1.02    |
| 2056.7904 | 49.97 | 23.94 | 82.47   | 1.15    | -999.25 |
| 2056.9428 | 49.49 | 29.95 | 106.71  | 1.17    | 1.07    |
| 2057.0952 | 38.18 | 26.88 | -999.25 | 1.19    | -999.25 |
| 2057.2476 | 35.41 | 27.35 | 90.96   | -999.25 | 1.06    |
| 2057.4000 | 40.90 | 29.39 | -999.25 | 1.20    | -999.25 |
| 2057.5524 | 32.13 | 31.69 | 88.53   | 1.17    | 1.16    |
| 2057.7048 | 31.74 | 35.61 | 88.53   | -999.25 | 1.12    |
| 2057.8572 | 28.00 | 36.99 | 88.53   | 1.14    | 1.00    |
| 2058.0096 | 25.15 | 35.23 | 88.53   | 1.12    | 0.96    |
| 2058.1620 | 23.79 | 31.78 | 101.87  | 1.14    | -999.25 |
| 2058.3144 | 24.48 | 30.72 | 113.99  | -999.25 | 1.07    |
| 2058.4668 | 35.03 | 30.18 | 98.23   | 1.11    | -999.25 |
| 2058.6192 | 37.19 | 30.59 | -999.25 | -999.25 | 1.05    |
| 2058.7716 | 39.82 | 30.76 | 82.47   | 1.04    | 0.92    |
| 2058.9240 | 56.05 | 31.88 | 94.59   | 1.01    | 0.91    |
| 2059.0764 | 57.80 | 33.62 | -999.25 | -999.25 | 0.89    |
| 2059.2288 | 28.57 | 31.18 | 100.65  | 1.01    | -999.25 |
| 2059.3812 | 29.94 | 34.15 | -999.25 | 1.02    | 0.92    |
| 2059.5336 | 28.06 | 32.01 | 83.68   | 1.02    | -999.25 |
| 2059.6860 | 19.28 | 32.00 | 93.38   | -999.25 | 0.91    |
| 2059.8384 | 14.74 | 27.29 | 90.96   | 1.06    | -999.25 |
| 2059.9908 | 16.45 | 26.53 | 103.08  | 1.11    | 0.95    |
| 2060.1432 | 27.60 | 25.96 | 98.23   | -999.25 | 1.00    |
| 2060.2956 | 32.59 | 25.77 | 90.96   | 1.14    | -999.25 |
| 2060.4480 | 34.11 | 24.50 | -999.25 | -999.25 | 1.03    |
| 2060.6004 | 38.54 | 24.67 | 86.11   | 1.20    | -999.25 |
| 2060.7528 | 51.77 | 26.54 | 97.02   | 1.22    | 1.09    |
| 2060.9052 | 34.22 | 25.19 | 86.11   | 1.22    | 1.19    |
| 2061.0576 | 34.81 | 27.55 | 97.02   | 1.22    | 1.16    |
| 2061.2100 | 46.08 | 29.70 | 87.32   | -999.25 | -999.25 |
| 2061.3624 | 31.64 | 34.43 | 84.89   | 1.17    | 1.05    |
| 2061.5148 | 24.78 | 33.80 | -999.25 | 1.17    | 1.03    |
| 2061.6672 | 25.57 | 33.77 | 95.80   | -999.25 | 1.02    |
| 2061.8196 | 27.71 | 32.61 | -999.25 | 1.20    | -999.25 |
| 2061.9720 | 22.48 | 30.63 | 98.23   | 1.24    | 1.09    |
| 2062.1244 | 25.79 | 30.09 | -999.25 | -999.25 | 1.12    |
| 2062.2768 | 43.61 | 29.97 | 89.74   | 1.25    | -999.25 |
| 2062.4292 | 49.94 | 31.86 | 88.53   | -999.25 | 1.12    |
| 2062.5816 | 39.15 | 30.55 | -999.25 | 1.24    | -999.25 |
| 2062.7340 | 30.39 | 29.74 | 78.83   | 1.25    | 1.14    |
| 2062.8864 | 33.53 | 30.89 | 90.96   | 1.25    | 1.11    |
| 2063.0388 | 31.95 | 31.43 | -999.25 | -999.25 | 1.17    |
| 2063.1912 | 27.37 | 31.39 | 82.47   | 1.22    | 1.19    |
| 2063.3436 | 17.71 | 27.86 | 73.98   | 1.19    | 1.05    |
| 2063.4960 | 20.30 | 30.47 | -999.25 | 1.14    | 0.95    |
| 2063.6484 | 43.51 | 30.55 | 89.74   | 1.12    | -999.25 |
| 2063.8008 | 42.66 | 30.37 | 95.80   | 1.15    | 0.96    |
| 2063.9532 | 41.55 | 29.81 | -999.25 | -999.25 | 1.00    |
| 2064.1056 | 28.85 | 28.78 | 84.89   | 1.19    | 1.11    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2046.2748 | 28.40 | 22.26 | 97.02   | -999.25 | 1.00    |
| 2046.4272 | 28.30 | 23.03 | -999.25 | 1.06    | 0.99    |
| 2046.5796 | 51.50 | 23.35 | 97.02   | 1.01    | -999.25 |
| 2046.7320 | 45.03 | 24.12 | 90.96   | -999.25 | 0.92    |
| 2046.8844 | 38.91 | 24.54 | -999.25 | -999.25 | -999.25 |
| 2047.0368 | 39.92 | 25.48 | 100.65  | 0.95    | 0.83    |
| 2047.1892 | 39.13 | 27.41 | 99.44   | 0.98    | -999.25 |
| 2047.3416 | 54.69 | 29.84 | 87.32   | -999.25 | 0.89    |
| 2047.4940 | 60.45 | 40.84 | -999.25 | 1.01    | 0.91    |
| 2047.6464 | 45.13 | 40.64 | 87.32   | 1.05    | 0.94    |
| 2047.7988 | 37.65 | 43.95 | 97.02   | 1.06    | 0.99    |
| 2047.9512 | 47.76 | 46.02 | -999.25 | 1.11    | 0.94    |
| 2048.1036 | 56.69 | 44.64 | 97.02   | -999.25 | -999.25 |
| 2048.2560 | 40.07 | 44.89 | -999.25 | 1.15    | 1.05    |
| 2048.4084 | 41.22 | 45.22 | 86.11   | 1.19    | -999.25 |
| 2048.5608 | 43.55 | 45.75 | 86.11   | -999.25 | 1.14    |
| 2048.7132 | 42.30 | 46.02 | 73.98   | 1.17    | -999.25 |
| 2048.8656 | 52.22 | 45.39 | 94.59   | -999.25 | 1.11    |
| 2049.0180 | 58.01 | 45.73 | 93.38   | 1.09    | 0.99    |
| 2049.1704 | 49.71 | 46.25 | 105.50  | 1.09    | 0.90    |
| 2049.3228 | 37.92 | 45.81 | -999.25 | 1.05    | 1.00    |
| 2049.4752 | 43.81 | 45.45 | 89.74   | 1.05    | 1.06    |
| 2049.6276 | 32.46 | 40.88 | -999.25 | 0.98    | -999.25 |
| 2049.7800 | 21.35 | 37.91 | 82.47   | -999.25 | 0.89    |
| 2049.9324 | 28.54 | 37.57 | 93.38   | 0.94    | 0.80    |
| 2050.0848 | 27.99 | 34.57 | -999.25 | -999.25 | -999.25 |
| 2050.2372 | 27.34 | 34.24 | 78.83   | 0.97    | 0.85    |
| 2050.3896 | 41.84 | 33.47 | 82.47   | 1.04    | 0.96    |
| 2050.5420 | 38.02 | 32.24 | 88.53   | 1.06    | 1.09    |
| 2050.6944 | 31.14 | 30.98 | -999.25 | 1.09    | -999.25 |
| 2050.8468 | 32.32 | 31.32 | 98.23   | 1.11    | 0.95    |
| 2050.9992 | 38.73 | 30.41 | 94.59   | -999.25 | 1.02    |
| 2051.1516 | 38.14 | 32.24 | 92.17   | 1.12    | -999.25 |
| 2051.3040 | 31.81 | 33.56 | -999.25 | -999.25 | 1.00    |
| 2051.4564 | 36.88 | 33.98 | 94.59   | 1.15    | -999.25 |
| 2051.6088 | 34.47 | 35.14 | 99.44   | 1.15    | 1.09    |
| 2051.7612 | 49.58 | 38.24 | -999.25 | -999.25 | 1.17    |
| 2051.9136 | 51.65 | 36.30 | 64.29   | 1.12    | 1.07    |
| 2052.0660 | 28.69 | 35.90 | -999.25 | 1.01    | 0.92    |
| 2052.2184 | 40.59 | 38.38 | 90.96   | 0.96    | 0.83    |
| 2052.3708 | 40.89 | 37.65 | 92.17   | -999.25 | 0.82    |
| 2052.5232 | 38.09 | 38.25 | -999.25 | -999.25 | -999.25 |
| 2052.6756 | 37.34 | 37.49 | 92.17   | 0.98    | 0.94    |
| 2052.8280 | 26.13 | 36.35 | -999.25 | 0.97    | -999.25 |
| 2052.9804 | 28.92 | 35.50 | 100.65  | -999.25 | 0.88    |
| 2053.1328 | 43.47 | 38.01 | -999.25 | 0.97    | 0.87    |
| 2053.2852 | 45.55 | 35.06 | 92.17   | -999.25 | -999.25 |
| 2053.4376 | 44.42 | 37.12 | 89.74   | 0.97    | 0.90    |
| 2053.5900 | 44.55 | 38.40 | -999.25 | 0.99    | 0.85    |
| 2053.7424 | 43.53 | 37.59 | 87.92   | -999.25 | 0.87    |
| 2053.8948 | 36.33 | 37.51 | -999.25 | 1.08    | -999.25 |
| 2054.0472 | 38.63 | 37.69 | 88.53   | -999.25 | 0.99    |
| 2054.1996 | 47.37 | 39.18 | -999.25 | 1.09    | 1.02    |
| 2054.3520 | 42.61 | 42.43 | 90.96   | 1.14    | 1.03    |
| 2054.5044 | 32.94 | 40.52 | 88.53   | -999.25 | -999.25 |
| 2054.6568 | 32.31 | 39.75 | 101.87  | 1.20    | 1.17    |
| 2054.8092 | 45.18 | 40.46 | 82.47   | 1.19    | -999.25 |
| 2054.9616 | 57.37 | 41.42 | -999.25 | 1.14    | 1.17    |
| 2055.1140 | 56.89 | 42.12 | 104.29  | -999.25 | 0.95    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2037.2832 | 21.86 | 26.98 | 83.68   | 1.14    | 1.16    |
| 2037.4356 | 21.89 | 24.66 | -999.25 | 1.12    | -999.25 |
| 2037.5880 | 18.91 | 23.72 | 77.62   | -999.25 | 1.03    |
| 2037.7404 | 22.79 | 23.81 | -999.25 | 1.09    | 0.98    |
| 2037.8928 | 32.40 | 24.28 | 94.59   | -999.25 | -999.25 |
| 2038.0452 | 46.09 | 25.57 | -999.25 | 1.08    | 0.99    |
| 2038.1976 | 45.38 | 26.03 | 99.44   | -999.25 | -999.25 |
| 2038.3500 | 40.74 | 27.41 | 95.80   | 1.06    | 0.94    |
| 2038.5024 | 35.99 | 27.88 | 101.87  | 1.05    | -999.25 |
| 2038.6548 | 29.62 | 29.49 | -999.25 | -999.25 | 0.95    |
| 2038.8072 | 31.61 | 30.27 | 95.80   | 1.02    | 1.03    |
| 2038.9596 | 40.45 | 33.65 | 86.71   | -999.25 | -999.25 |
| 2039.1120 | 41.65 | 36.67 | 92.17   | 0.97    | 0.85    |
| 2039.2644 | 36.05 | 37.75 | 97.02   | 0.96    | -999.25 |
| 2039.4168 | 31.58 | 36.46 | 84.89   | -999.25 | 0.89    |
| 2039.5692 | 35.12 | 35.91 | -999.25 | 0.94    | -999.25 |
| 2039.7216 | 46.56 | 36.61 | 93.38   | -999.25 | 0.82    |
| 2039.8740 | 30.76 | 33.97 | -999.25 | 0.96    | -999.25 |
| 2040.0264 | 17.98 | 30.41 | -999.25 | -999.25 | 0.86    |
| 2040.1788 | 20.75 | 30.93 | 93.38   | 0.97    | 0.88    |
| 2040.3312 | 34.15 | 30.86 | 94.59   | -999.25 | -999.25 |
| 2040.4836 | 38.93 | 30.75 | 97.02   | 1.00    | 0.92    |
| 2040.6360 | 49.93 | 31.63 | -999.25 | 0.98    | -999.25 |
| 2040.7884 | 46.66 | 31.99 | 99.44   | -999.25 | 0.95    |
| 2040.9408 | 36.65 | 32.54 | 93.38   | 0.97    | -999.25 |
| 2041.0932 | 36.20 | 32.16 | 101.87  | -999.25 | 0.83    |
| 2041.2456 | 40.04 | 31.81 | -999.25 | -999.25 | -999.25 |
| 2041.3980 | 48.56 | 34.84 | 94.59   | 0.98    | 0.86    |
| 2041.5504 | 38.15 | 39.13 | 101.87  | 1.02    | -999.25 |
| 2041.7028 | 29.92 | 38.83 | -999.25 | 1.04    | 0.98    |
| 2041.8552 | 34.17 | 39.13 | 80.04   | 1.04    | -999.25 |
| 2042.0076 | 37.68 | 38.58 | -999.25 | 1.02    | 0.95    |
| 2042.1600 | 40.27 | 37.72 | 82.47   | 1.01    | 0.95    |
| 2042.3124 | 39.52 | 37.46 | 76.41   | 0.99    | 0.91    |
| 2042.4648 | 40.70 | 38.50 | 90.96   | 0.94    | 0.88    |
| 2042.6172 | 54.15 | 40.22 | -999.25 | -999.25 | 0.87    |
| 2042.7696 | 48.85 | 39.89 | 95.80   | 0.92    | -999.25 |
| 2042.9220 | 44.80 | 39.67 | -999.25 | -999.25 | 0.81    |
| 2043.0744 | 49.52 | 41.90 | 98.23   | -999.25 | -999.25 |
| 2043.2268 | 40.20 | 42.55 | 107.93  | 0.89    | -999.25 |
| 2043.3792 | 49.07 | 45.27 | -999.25 | 0.91    | 0.77    |
| 2043.5316 | 51.23 | 45.26 | 113.99  | -999.25 | 0.78    |
| 2043.6840 | 31.85 | 42.73 | -999.25 | 0.94    | -999.25 |
| 2043.8364 | 36.51 | 44.41 | 93.38   | 1.01    | 0.83    |
| 2043.9888 | 36.89 | 41.82 | -999.25 | 1.05    | 0.90    |
| 2044.1412 | 25.83 | 37.64 | 89.74   | -999.25 | 0.99    |
| 2044.2936 | 29.15 | 37.48 | 80.04   | 1.11    | 1.06    |
| 2044.4460 | 41.48 | 37.14 | 94.59   | 1.15    | -999.25 |
| 2044.5984 | 56.79 | 38.22 | 109.14  | 1.19    | 1.07    |
| 2044.7508 | 49.24 | 38.45 | -999.25 | -999.25 | 0.96    |
| 2044.9032 | 30.94 | 35.03 | 101.87  | 1.27    | -999.25 |
| 2045.0556 | 33.49 | 35.62 | 84.89   | -999.25 | 1.28    |
| 2045.2080 | 31.21 | 34.87 | -999.25 | -999.25 | -999.25 |
| 2045.3604 | 27.68 | 33.53 | 80.04   | 1.24    | 1.28    |
| 2045.5128 | 27.68 | 32.81 | -999.25 | -999.25 | 1.19    |
| 2045.6652 | 21.35 | 31.80 | 75.20   | 1.15    | 0.99    |
| 2045.8176 | 21.29 | 30.29 | 94.59   | 1.08    | 0.94    |
| 2045.9700 | 13.06 | 23.84 | 105.50  | 1.09    | 0.96    |
| 2046.1224 | 15.00 | 23.35 | 97.02   | 1.08    | -999.25 |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2028.2916 | 33.35 | 28.96 | -999.25 | -999.25 | 1.56    |
| 2028.4440 | 33.91 | 31.98 | 82.47   | 1.39    | -999.25 |
| 2028.5964 | 31.94 | 31.28 | 89.74   | -999.25 | 1.33    |
| 2028.7488 | 20.02 | 30.25 | -999.25 | 1.17    | -999.25 |
| 2028.9012 | 23.51 | 30.68 | 97.02   | -999.25 | 0.99    |
| 2029.0536 | 31.09 | 30.79 | -999.25 | -999.25 | -999.25 |
| 2029.2060 | 31.21 | 31.48 | 111.56  | 1.19    | -999.25 |
| 2029.3584 | 24.38 | 28.29 | -999.25 | -999.25 | 1.06    |
| 2029.5108 | 23.88 | 28.13 | 82.47   | 1.22    | -999.25 |
| 2029.6632 | 35.48 | 27.66 | 92.17   | 1.20    | 1.19    |
| 2029.8156 | 21.36 | 25.70 | -999.25 | -999.25 | 1.07    |
| 2029.9680 | 23.43 | 25.78 | 93.38   | 1.22    | -999.25 |
| 2030.1204 | 33.94 | 25.94 | -999.25 | 1.24    | 1.12    |
| 2030.2728 | 29.41 | 28.08 | -999.25 | -999.25 | 1.12    |
| 2030.4252 | 32.95 | 27.69 | 99.44   | 1.24    | -999.25 |
| 2030.5776 | 26.94 | 27.32 | -999.25 | -999.25 | 1.12    |
| 2030.7300 | 21.76 | 25.71 | 70.35   | -999.25 | -999.25 |
| 2030.8824 | 20.51 | 26.21 | -999.25 | 1.20    | 1.12    |
| 2031.0348 | 20.84 | 24.93 | 83.68   | 1.17    | 1.06    |
| 2031.1872 | 25.33 | 24.75 | -999.25 | -999.25 | -999.25 |
| 2031.3396 | 29.83 | 26.70 | 71.56   | 1.14    | 1.00    |
| 2031.4920 | 32.94 | 26.36 | -999.25 | 1.11    | -999.25 |
| 2031.6444 | 37.13 | 27.06 | 83.68   | 1.08    | 1.02    |
| 2031.7968 | 33.69 | 26.97 | -999.25 | 1.06    | 0.95    |
| 2031.9492 | 36.65 | 27.52 | 88.53   | 1.08    | 0.94    |
| 2032.1016 | 32.44 | 27.92 | -999.25 | 1.21    | 0.95    |
| 2032.2540 | 18.94 | 26.52 | 90.96   | -999.25 | -999.25 |
| 2032.4064 | 17.17 | 26.52 | -999.25 | 1.12    | 1.07    |
| 2032.5588 | 18.22 | 25.59 | 98.23   | 1.12    | -999.25 |
| 2032.7112 | 20.99 | 25.41 | 109.14  | -999.25 | 0.99    |
| 2032.8636 | 30.03 | 25.61 | -999.25 | 1.09    | 1.05    |
| 2033.0160 | 31.03 | 25.18 | 90.35   | -999.25 | -999.25 |
| 2033.1684 | 36.20 | 25.52 | -999.25 | 1.01    | 0.94    |
| 2033.3208 | 35.59 | 25.38 | 101.87  | -999.25 | -999.25 |
| 2033.4732 | 28.79 | 24.59 | -999.25 | 0.96    | -999.25 |
| 2033.6256 | 23.57 | 23.97 | 95.80   | -999.25 | 0.86    |
| 2033.7780 | 18.48 | 24.43 | 95.80   | 1.00    | -999.25 |
| 2033.9304 | 20.70 | 25.16 | -999.25 | -999.25 | 0.87    |
| 2034.0828 | 25.10 | 26.37 | 106.71  | 1.09    | -999.25 |
| 2034.2352 | 22.44 | 25.56 | -999.25 | -999.25 | 1.00    |
| 2034.3876 | 20.41 | 24.35 | 92.17   | -999.25 | -999.25 |
| 2034.5400 | 15.46 | 21.92 | 81.26   | 1.12    | 1.00    |
| 2034.6924 | 18.06 | 21.45 | -999.25 | 1.17    | -999.25 |
| 2034.8448 | 28.37 | 21.26 | 94.59   | -999.25 | 1.06    |
| 2034.9972 | 21.50 | 20.42 | -999.25 | 1.19    | -999.25 |
| 2035.1496 | 18.58 | 20.28 | 83.68   | -999.25 | 1.07    |
| 2035.3020 | 23.01 | 21.35 | -999.25 | -999.25 | -999.25 |
| 2035.4544 | 28.17 | 21.39 | 93.38   | 1.17    | 1.14    |
| 2035.6068 | 29.79 | 21.94 | 89.74   | 1.12    | -999.25 |
| 2035.7592 | 23.50 | 21.57 | -999.25 | 1.06    | 1.12    |
| 2035.9116 | 26.17 | 23.03 | 86.11   | -999.25 | 1.00    |
| 2036.0640 | 36.47 | 25.70 | -999.25 | 0.92    | 0.80    |
| 2036.2164 | 27.30 | 25.21 | 92.17   | 0.89    | 0.73    |
| 2036.3688 | 28.00 | 25.64 | -999.25 | 0.91    | -999.25 |
| 2036.5212 | 27.68 | 26.60 | 113.99  | -999.25 | 0.78    |
| 2036.6736 | 27.87 | 28.24 | -999.25 | 1.04    | -999.25 |
| 2036.8260 | 26.53 | 27.44 | 93.38   | -999.25 | 0.92    |
| 2036.9784 | 24.65 | 27.45 | 100.65  | 1.09    | 1.02    |
| 2037.1308 | 21.46 | 25.61 | -999.25 | -999.25 | -999.25 |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2019.3000 | 51.28 | 40.40 | 72.77   | 1.29    | -999.25 |
| 2019.4524 | 40.93 | 43.79 | 81.26   | 1.22    | 1.35    |
| 2019.6048 | 46.68 | 48.50 | -999.25 | 1.17    | 1.23    |
| 2019.7572 | 60.41 | 51.83 | 81.26   | -999.25 | 1.05    |
| 2019.9096 | 55.19 | 53.03 | 95.80   | 1.06    | 0.94    |
| 2020.0620 | 40.50 | 51.64 | 89.74   | 1.02    | 0.89    |
| 2020.2144 | 47.07 | 52.63 | 93.38   | -999.25 | 0.87    |
| 2020.3668 | 48.19 | 48.43 | 90.96   | 1.06    | 0.95    |
| 2020.5192 | 45.41 | 48.87 | 90.96   | 1.05    | -999.25 |
| 2020.6716 | 45.59 | 46.14 | 100.65  | 1.01    | 1.02    |
| 2020.8240 | 35.47 | 45.04 | 101.87  | 1.01    | 0.87    |
| 2020.9764 | 39.65 | 45.81 | -999.25 | 1.02    | -999.25 |
| 2021.1288 | 53.52 | 46.18 | 94.59   | 1.09    | 0.78    |
| 2021.2812 | 44.36 | 43.42 | -999.25 | 1.22    | 1.04    |
| 2021.4336 | 51.63 | 45.65 | 77.62   | 1.31    | 1.46    |
| 2021.5860 | 46.89 | 44.73 | 93.38   | 1.35    | -999.25 |
| 2021.7384 | 35.06 | 42.81 | -999.25 | -999.25 | 1.33    |
| 2021.8908 | 47.01 | 44.52 | 94.59   | 1.33    | 1.19    |
| 2022.0432 | 55.00 | 44.27 | -999.25 | 1.35    | 1.06    |
| 2022.1956 | 40.12 | 43.37 | 107.93  | 1.48    | -999.25 |
| 2022.3480 | 47.73 | 47.30 | 76.41   | 1.56    | 1.26    |
| 2022.5004 | 69.22 | 47.84 | -999.25 | -999.25 | 1.65    |
| 2022.6528 | 52.72 | 47.17 | 73.98   | 1.53    | 1.62    |
| 2022.8052 | 67.03 | 51.60 | -999.25 | 1.48    | -999.25 |
| 2022.9576 | 64.95 | 49.01 | 75.20   | 1.44    | 1.39    |
| 2023.1100 | 41.74 | 50.24 | 81.26   | 1.35    | 1.37    |
| 2023.2624 | 49.32 | 53.32 | -999.25 | 1.24    | 1.30    |
| 2023.4148 | 33.23 | 46.15 | -999.25 | 1.22    | 1.11    |
| 2023.5672 | 27.02 | 44.40 | 81.26   | 1.20    | 0.99    |
| 2023.7196 | 27.27 | 41.64 | 92.17   | 1.17    | 1.00    |
| 2023.8720 | 22.16 | 36.55 | -999.25 | -999.25 | 1.11    |
| 2024.0244 | 31.54 | 36.41 | 95.80   | 1.19    | 1.00    |
| 2024.1768 | 34.39 | 34.04 | -999.25 | -999.25 | -999.25 |
| 2024.3292 | 22.62 | 30.01 | 88.53   | 1.27    | 1.12    |
| 2024.4816 | 18.45 | 26.93 | -999.25 | 1.27    | -999.25 |
| 2024.6340 | 23.62 | 27.02 | 83.68   | -999.25 | 1.35    |
| 2024.7864 | 24.78 | 24.30 | 82.47   | 1.25    | 1.05    |
| 2024.9388 | 17.63 | 23.62 | -999.25 | 1.24    | -999.25 |
| 2025.0912 | 22.27 | 23.40 | 82.47   | -999.25 | 1.12    |
| 2025.2436 | 36.04 | 24.66 | -999.25 | -999.25 | -999.25 |
| 2025.3960 | 25.82 | 24.12 | 88.53   | 1.25    | 1.12    |
| 2025.5484 | 20.07 | 22.64 | -999.25 | 1.31    | -999.25 |
| 2025.7008 | 17.74 | 21.31 | 99.44   | 1.31    | 1.21    |
| 2025.8532 | 20.68 | 22.22 | -999.25 | -999.25 | 1.28    |
| 2026.0056 | 31.15 | 23.53 | -999.25 | 1.27    | -999.25 |
| 2026.1580 | 33.17 | 23.50 | 73.98   | 1.29    | 1.11    |
| 2026.3104 | 45.15 | 25.74 | -999.25 | 1.25    | 1.17    |
| 2026.4628 | 43.76 | 27.94 | 80.04   | -999.25 | -999.25 |
| 2026.6152 | 22.62 | 25.83 | 76.41   | 1.27    | -999.25 |
| 2026.7676 | 22.41 | 25.53 | -999.25 | -999.25 | 1.21    |
| 2026.9200 | 23.29 | 25.28 | 73.98   | 1.24    | -999.25 |
| 2027.0724 | 22.68 | 26.30 | 97.02   | 1.25    | 1.05    |
| 2027.2248 | 24.38 | 27.41 | -999.25 | -999.25 | 1.02    |
| 2027.3772 | 25.37 | 27.60 | 98.23   | -999.25 | -999.25 |
| 2027.5296 | 28.52 | 26.97 | -999.25 | 1.48    | 1.26    |
| 2027.6820 | 27.62 | 26.71 | 89.74   | 1.67    | -999.25 |
| 2027.8344 | 37.56 | 26.34 | 83.68   | 1.79    | 1.59    |
| 2027.9868 | 43.57 | 26.69 | -999.25 | -999.25 | 2.10    |
| 2028.1392 | 41.42 | 29.45 | 60.65   | 1.64    | -999.25 |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2010.3084 | 47.32 | 45.11 | 100.65  | -999.25 | 0.94    |
| 2010.4608 | 51.81 | 45.71 | -999.25 | 0.84    | 0.78    |
| 2010.6132 | 54.84 | 51.57 | 93.38   | 0.80    | 0.69    |
| 2010.7656 | 34.42 | 48.06 | 103.08  | -999.25 | -999.25 |
| 2010.9180 | 33.53 | 48.36 | -999.25 | 0.81    | 0.73    |
| 2011.0704 | 44.72 | 46.91 | -999.25 | 0.80    | -999.25 |
| 2011.2228 | 44.68 | 45.19 | 89.74   | -999.25 | 0.78    |
| 2011.3752 | 48.89 | 45.96 | 89.74   | 0.74    | 0.65    |
| 2011.5276 | 53.43 | 45.33 | 84.89   | 0.74    | 0.65    |
| 2011.6800 | 54.99 | 45.72 | 92.17   | 0.76    | 0.65    |
| 2011.8324 | 61.81 | 47.47 | 94.59   | 0.79    | 0.67    |
| 2011.9848 | 70.81 | 47.99 | -999.25 | 0.83    | 0.71    |
| 2012.1372 | 67.39 | 49.05 | 95.80   | -999.25 | 0.73    |
| 2012.2896 | 64.46 | 55.16 | 103.08  | -999.25 | -999.25 |
| 2012.4420 | 64.16 | 57.01 | 92.17   | 0.87    | -999.25 |
| 2012.5944 | 54.29 | 57.67 | 107.93  | -999.25 | 0.77    |
| 2012.7468 | 39.79 | 55.28 | 95.80   | 0.92    | 0.78    |
| 2012.8992 | 39.63 | 54.66 | -999.25 | -999.25 | -999.25 |
| 2013.0516 | 37.76 | 50.91 | 110.35  | 1.12    | 0.88    |
| 2013.2040 | 37.27 | 49.94 | 82.47   | -999.25 | 1.09    |
| 2013.3564 | 36.27 | 45.62 | -999.25 | 1.27    | 1.51    |
| 2013.5088 | 36.21 | 44.01 | 71.56   | 1.31    | 1.35    |
| 2013.6612 | 39.73 | 41.69 | 73.98   | 1.17    | -999.25 |
| 2013.8136 | 44.52 | 41.47 | 80.04   | 1.05    | 1.17    |
| 2013.9660 | 39.67 | 38.59 | 89.14   | -999.25 | 0.92    |
| 2014.1184 | 34.06 | 38.02 | -999.25 | -999.25 | -999.25 |
| 2014.2708 | 53.27 | 40.58 | 98.23   | 0.92    | -999.25 |
| 2014.4232 | 48.56 | 39.41 | -999.25 | 0.90    | 0.78    |
| 2014.5756 | 43.20 | 41.71 | 92.17   | -999.25 | 0.76    |
| 2014.7280 | 58.27 | 42.66 | 105.50  | 0.92    | 0.77    |
| 2014.8804 | 57.74 | 45.61 | -999.25 | 0.98    | 0.87    |
| 2015.0328 | 52.08 | 45.96 | 100.65  | 1.06    | 1.00    |
| 2015.1852 | 51.13 | 48.07 | 90.96   | 1.11    | -999.25 |
| 2015.3376 | 46.15 | 46.30 | 84.89   | -999.25 | 1.00    |
| 2015.4900 | 47.66 | 50.11 | 90.96   | 1.09    | 0.99    |
| 2015.6424 | 51.68 | 51.04 | 98.23   | -999.25 | 1.03    |
| 2015.7948 | 48.24 | 49.15 | -999.25 | 1.09    | 1.02    |
| 2015.9472 | 44.86 | 50.16 | 87.32   | 1.02    | 1.00    |
| 2016.0996 | 52.83 | 51.27 | -999.25 | 0.96    | -999.25 |
| 2016.2520 | 57.40 | 50.03 | 99.44   | 0.89    | 0.89    |
| 2016.4044 | 53.09 | 50.49 | 103.08  | -999.25 | 0.79    |
| 2016.5568 | 55.95 | 50.71 | 90.96   | 0.81    | -999.25 |
| 2016.7092 | 54.44 | 51.10 | 104.29  | 0.80    | 0.72    |
| 2016.8616 | 26.41 | 43.55 | 98.23   | 0.79    | 0.71    |
| 2017.0140 | 25.77 | 43.23 | 105.50  | 0.78    | -999.25 |
| 2017.1664 | 60.14 | 44.61 | 95.80   | 0.79    | 0.70    |
| 2017.3188 | 61.69 | 44.99 | 100.65  | 0.81    | -999.25 |
| 2017.4712 | 40.70 | 43.72 | 75.20   | -999.25 | 0.71    |
| 2017.6236 | 26.23 | 38.36 | 99.44   | 0.86    | -999.25 |
| 2017.7760 | 26.11 | 36.97 | -999.25 | 0.87    | 0.79    |
| 2017.9284 | 26.99 | 33.66 | 101.87  | -999.25 | 0.79    |
| 2018.0808 | 23.76 | 31.36 | 97.02   | 0.87    | -999.25 |
| 2018.2332 | 29.18 | 30.40 | -999.25 | -999.25 | 0.77    |
| 2018.3856 | 37.13 | 33.67 | 106.71  | 0.90    | 0.78    |
| 2018.5380 | 41.09 | 33.33 | 94.59   | 0.94    | 0.78    |
| 2018.6904 | 48.75 | 32.81 | 99.44   | 1.00    | 0.88    |
| 2018.8428 | 69.80 | 33.76 | -999.25 | 1.08    | 0.94    |
| 2018.9952 | 67.92 | 35.07 | 89.74   | 1.24    | -999.25 |
| 2019.1476 | 59.46 | 39.43 | 86.11   | -999.25 | 1.30    |



|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 2001.3168 | 53.14 | 44.52 | -999.25 | -999.25 | 0.89    |
| 2001.4692 | 49.17 | 44.16 | 100.65  | 1.04    | 0.90    |
| 2001.6216 | 45.41 | 43.62 | -999.25 | -999.25 | -999.25 |
| 2001.7740 | 47.69 | 43.20 | -999.25 | 1.05    | -999.25 |
| 2001.9264 | 61.37 | 43.84 | -999.25 | -999.25 | 0.96    |
| 2002.0788 | 46.67 | 43.33 | 86.11   | -999.25 | -999.25 |
| 2002.2312 | 42.59 | 47.89 | 92.17   | 0.95    | -999.25 |
| 2002.3836 | 55.41 | 49.58 | -999.25 | -999.25 | 0.88    |
| 2002.5360 | 54.20 | 50.47 | -999.25 | 0.88    | -999.25 |
| 2002.6884 | 56.87 | 50.83 | 97.02   | -999.25 | 0.77    |
| 2002.8408 | 48.60 | 49.59 | -999.25 | 1.06    | -999.25 |
| 2002.9932 | 68.15 | 53.93 | 104.29  | 0.87    | 0.86    |
| 2003.1456 | 64.53 | 53.03 | -999.25 | 0.94    | -999.25 |
| 2003.2980 | 40.35 | 51.80 | 107.93  | -999.25 | 0.92    |
| 2003.4504 | 53.02 | 51.62 | -999.25 | -999.25 | -999.25 |
| 2003.6028 | 61.55 | 54.74 | 98.23   | 0.96    | 0.87    |
| 2003.7552 | 53.73 | 54.35 | -999.25 | 0.97    | -999.25 |
| 2003.9076 | 63.75 | 56.20 | -999.25 | 1.00    | 0.87    |
| 2004.0600 | 57.51 | 54.98 | 81.26   | 1.00    | 0.91    |
| 2004.2124 | 40.60 | 52.08 | 82.47   | -999.25 | 0.94    |
| 2004.3648 | 42.16 | 53.15 | -999.25 | 0.97    | 0.90    |
| 2004.5172 | 56.42 | 50.47 | 97.02   | -999.25 | -999.25 |
| 2004.6696 | 60.31 | 52.54 | -999.25 | 0.95    | 0.86    |
| 2004.8220 | 45.65 | 51.98 | -999.25 | -999.25 | -999.25 |
| 2004.9744 | 35.22 | 47.76 | 98.23   | -999.25 | -999.25 |
| 2005.1268 | 44.84 | 48.90 | 95.80   | 0.86    | -999.25 |
| 2005.2792 | 59.84 | 48.64 | -999.25 | -999.25 | 0.77    |
| 2005.4316 | 53.84 | 47.56 | -999.25 | 0.86    | 0.78    |
| 2005.5840 | 53.53 | 48.04 | 101.87  | -999.25 | -999.25 |
| 2005.7364 | 51.64 | 50.06 | -999.25 | 0.85    | -999.25 |
| 2005.8888 | 39.31 | 47.26 | -999.25 | -999.25 | 0.78    |
| 2006.0412 | 37.70 | 46.01 | 93.38   | -999.25 | -999.25 |
| 2006.1936 | 41.92 | 44.22 | -999.25 | 0.83    | 0.74    |
| 2006.3460 | 44.91 | 45.86 | 100.65  | 0.83    | -999.25 |
| 2006.4984 | 58.39 | 49.11 | 105.50  | -999.25 | 0.75    |
| 2006.6508 | 66.74 | 49.16 | 92.17   | -999.25 | -999.25 |
| 2006.8032 | 50.01 | 47.57 | 98.23   | 0.80    | 0.76    |
| 2006.9556 | 38.16 | 45.72 | -999.25 | -999.25 | -999.25 |
| 2007.1080 | 40.39 | 44.97 | 97.02   | 0.74    | -999.25 |
| 2007.2604 | 44.89 | 44.54 | 99.44   | -999.25 | 0.64    |
| 2007.4128 | 45.54 | 46.42 | 103.08  | 0.74    | 0.67    |
| 2007.5652 | 39.46 | 45.01 | 111.56  | 0.74    | -999.25 |
| 2007.7176 | 37.87 | 45.35 | 95.80   | -999.25 | 0.67    |
| 2007.8700 | 37.29 | 43.25 | 94.59   | -999.25 | -999.25 |
| 2008.0224 | 27.87 | 38.76 | 105.50  | 0.75    | -999.25 |
| 2008.1748 | 22.65 | 34.53 | -999.25 | -999.25 | 0.70    |
| 2008.3272 | 26.87 | 34.20 | 100.65  | 0.76    | 0.64    |
| 2008.4796 | 34.30 | 33.85 | 105.50  | -999.25 | -999.25 |
| 2008.6320 | 36.22 | 33.54 | 103.08  | 0.88    | -999.25 |
| 2008.7844 | 43.39 | 33.67 | 111.56  | -999.25 | 0.81    |
| 2008.9368 | 51.91 | 34.16 | -999.25 | -999.25 | -999.25 |
| 2009.0892 | 31.13 | 32.20 | 89.74   | -999.25 | -999.25 |
| 2009.2416 | 29.06 | 32.39 | -999.25 | 1.04    | 1.06    |
| 2009.3940 | 42.77 | 32.93 | 90.96   | 1.01    | -999.25 |
| 2009.5464 | 50.46 | 36.15 | 76.41   | 0.98    | 0.98    |
| 2009.6988 | 66.09 | 40.71 | -999.25 | -999.25 | 0.89    |
| 2009.8512 | 54.82 | 41.90 | 95.80   | 0.96    | 0.82    |
| 2010.0036 | 52.43 | 44.34 | 93.38   | 0.96    | 0.88    |
| 2010.1560 | 56.75 | 45.72 | 92.17   | 0.94    | -999.25 |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1992.3252 | 35.62 | 46.32 | 78.83   | -999.25 | 0.87    |
| 1992.4776 | 39.13 | 46.03 | -999.25 | 0.83    | -999.25 |
| 1992.6300 | 40.80 | 43.25 | 92.17   | -999.25 | 0.72    |
| 1992.7824 | 41.64 | 43.18 | -999.25 | -999.25 | -999.25 |
| 1992.9348 | 48.23 | 42.44 | -999.25 | 0.86    | -999.25 |
| 1993.0872 | 56.32 | 43.15 | -999.25 | 0.90    | 0.77    |
| 1993.2396 | 52.56 | 42.60 | 99.44   | -999.25 | 0.81    |
| 1993.3920 | 30.95 | 41.44 | 100.65  | -999.25 | -999.25 |
| 1993.5444 | 28.41 | 39.20 | -999.25 | 0.91    | 0.83    |
| 1993.6968 | 32.59 | 38.37 | 116.41  | -999.25 | -999.25 |
| 1993.8492 | 39.36 | 40.04 | -999.25 | 0.92    | -999.25 |
| 1994.0016 | 46.84 | 39.65 | 105.50  | 0.95    | 0.80    |
| 1994.1540 | 43.59 | 40.55 | -999.25 | 0.98    | 0.79    |
| 1994.3064 | 43.54 | 39.98 | 110.35  | -999.25 | 0.85    |
| 1994.4588 | 45.01 | 40.07 | -999.25 | 1.06    | 0.96    |
| 1994.6112 | 46.87 | 38.87 | -999.25 | 1.08    | -999.25 |
| 1994.7636 | 41.04 | 38.42 | 94.59   | -999.25 | 1.02    |
| 1994.9160 | 40.81 | 41.38 | -999.25 | 1.04    | -999.25 |
| 1995.0684 | 47.40 | 43.09 | -999.25 | -999.25 | 1.06    |
| 1995.2208 | 45.25 | 44.54 | -999.25 | 0.91    | 0.87    |
| 1995.3732 | 50.61 | 45.30 | 83.68   | 0.83    | -999.25 |
| 1995.5256 | 43.28 | 43.85 | 107.93  | -999.25 | 0.71    |
| 1995.6780 | 44.77 | 45.55 | -999.25 | 0.80    | -999.25 |
| 1995.8304 | 51.54 | 45.27 | 104.29  | -999.25 | -999.25 |
| 1995.9828 | 44.43 | 45.43 | -999.25 | -999.25 | 0.71    |
| 1996.1352 | 58.90 | 47.13 | 104.29  | -999.25 | -999.25 |
| 1996.2876 | 71.02 | 50.11 | 101.87  | 0.81    | -999.25 |
| 1996.4400 | 54.79 | 50.08 | -999.25 | 0.81    | 0.75    |
| 1996.5924 | 50.42 | 50.75 | 104.29  | -999.25 | 0.75    |
| 1996.7448 | 51.13 | 51.39 | -999.25 | -999.25 | -999.25 |
| 1996.8972 | 60.97 | 52.54 | -999.25 | 0.78    | 0.71    |
| 1997.0496 | 61.34 | 55.25 | 107.93  | -999.25 | -999.25 |
| 1997.2020 | 52.62 | 54.45 | -999.25 | 0.80    | 0.71    |
| 1997.3544 | 73.05 | 58.98 | 112.78  | 0.79    | -999.25 |
| 1997.5068 | 70.53 | 59.88 | 88.53   | -999.25 | 0.70    |
| 1997.6592 | 50.53 | 57.08 | -999.25 | -999.25 | -999.25 |
| 1997.8116 | 50.05 | 55.93 | -999.25 | 0.82    | -999.25 |
| 1997.9640 | 51.97 | 56.44 | -999.25 | -999.25 | 0.76    |
| 1998.1164 | 54.05 | 56.78 | 100.65  | -999.25 | -999.25 |
| 1998.2688 | 50.93 | 56.40 | 93.38   | -999.25 | -999.25 |
| 1998.4212 | 53.99 | 55.44 | -999.25 | 0.96    | 0.86    |
| 1998.5736 | 61.62 | 56.44 | -999.25 | -999.25 | -999.25 |
| 1998.7260 | 53.25 | 55.58 | 105.50  | 0.97    | 0.95    |
| 1998.8784 | 47.59 | 52.13 | -999.25 | 0.97    | -999.25 |
| 1999.0308 | 48.77 | 51.93 | -999.25 | -999.25 | 0.83    |
| 1999.1832 | 48.19 | 51.62 | 94.59   | -999.25 | -999.25 |
| 1999.3356 | 43.57 | 50.37 | 101.87  | 1.02    | 0.90    |
| 1999.4880 | 40.57 | 48.89 | -999.25 | 1.08    | -999.25 |
| 1999.6404 | 42.81 | 48.02 | -999.25 | -999.25 | 0.99    |
| 1999.7928 | 63.70 | 50.85 | 96.41   | 1.14    | 1.03    |
| 1999.9452 | 65.36 | 49.56 | -999.25 | -999.25 | -999.25 |
| 2000.0976 | 50.76 | 49.11 | 71.56   | 1.15    | 1.09    |
| 2000.2500 | 54.12 | 49.71 | -999.25 | 1.09    | -999.25 |
| 2000.4024 | 59.27 | 51.19 | -999.25 | -999.25 | 1.05    |
| 2000.5548 | 45.93 | 49.09 | 80.04   | -999.25 | -999.25 |
| 2000.7072 | 30.19 | 45.43 | 75.20   | 1.01    | -999.25 |
| 2000.8596 | 30.69 | 44.85 | 86.11   | -999.25 | 0.89    |
| 2001.0120 | 42.05 | 45.79 | 92.17   | -999.25 | -999.25 |
| 2001.1644 | 49.83 | 46.21 | 94.59   | 1.00    | -999.25 |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1983.3336 | 59.98 | 59.16 | 95.80   | -999.25 | -999.25 |
| 1983.4860 | 57.75 | 57.46 | -999.25 | 0.82    | -999.25 |
| 1983.6384 | 48.45 | 56.47 | 111.56  | -999.25 | 0.78    |
| 1983.7908 | 65.89 | 58.66 | 95.80   | 0.83    | -999.25 |
| 1983.9432 | 68.55 | 59.33 | -999.25 | -999.25 | 0.74    |
| 1984.0956 | 56.82 | 57.63 | 105.50  | -999.25 | -999.25 |
| 1984.2480 | 61.03 | 57.20 | -999.25 | 0.84    | -999.25 |
| 1984.4004 | 64.13 | 59.36 | -999.25 | -999.25 | 0.78    |
| 1984.5528 | 67.92 | 60.23 | 105.50  | -999.25 | -999.25 |
| 1984.7052 | 56.51 | 59.96 | -999.25 | 0.80    | -999.25 |
| 1984.8576 | 55.09 | 59.18 | 104.29  | -999.25 | 0.73    |
| 1985.0100 | 52.92 | 58.85 | -999.25 | 0.80    | -999.25 |
| 1985.1624 | 55.92 | 61.18 | 88.53   | -999.25 | 0.75    |
| 1985.3148 | 60.07 | 57.85 | -999.25 | 0.80    | -999.25 |
| 1985.4672 | 49.98 | 57.37 | -999.25 | -999.25 | 0.72    |
| 1985.6196 | 49.40 | 56.13 | 106.71  | 0.82    | -999.25 |
| 1985.7720 | 56.62 | 56.54 | -999.25 | -999.25 | 0.76    |
| 1985.9244 | 61.49 | 55.71 | -999.25 | -999.25 | -999.25 |
| 1986.0768 | 51.65 | 53.73 | 87.32   | 0.85    | -999.25 |
| 1986.2292 | 45.68 | 53.23 | -999.25 | -999.25 | 0.82    |
| 1986.3816 | 45.36 | 51.57 | 83.68   | 0.79    | -999.25 |
| 1986.5340 | 48.51 | 52.27 | -999.25 | -999.25 | 0.72    |
| 1986.6864 | 54.14 | 51.26 | -999.25 | -999.25 | -999.25 |
| 1986.8388 | 44.15 | 49.18 | 93.38   | 0.80    | 0.65    |
| 1986.9912 | 34.83 | 47.06 | -999.25 | 0.83    | 0.72    |
| 1987.1436 | 38.94 | 46.69 | 98.23   | -999.25 | -999.25 |
| 1987.2960 | 44.38 | 44.99 | -999.25 | 1.00    | 0.95    |
| 1987.4484 | 41.10 | 43.42 | 90.96   | -999.25 | -999.25 |
| 1987.6008 | 54.07 | 45.35 | -999.25 | 1.04    | -999.25 |
| 1987.7532 | 67.19 | 46.23 | -999.25 | -999.25 | 0.96    |
| 1987.9056 | 22.25 | 37.55 | 90.96   | 1.02    | -999.25 |
| 1988.0580 | 21.93 | 37.55 | 88.53   | -999.25 | 0.89    |
| 1988.2104 | 62.48 | 38.26 | -999.25 | 1.05    | -999.25 |
| 1988.3628 | 92.14 | 41.20 | -999.25 | -999.25 | 0.94    |
| 1988.5152 | 98.00 | 44.57 | 99.44   | -999.25 | -999.25 |
| 1988.6676 | 83.13 | 46.42 | -999.25 | 1.15    | -999.25 |
| 1988.8200 | 86.54 | 49.40 | 89.74   | -999.25 | -999.25 |
| 1988.9724 | 72.57 | 51.47 | -999.25 | 1.24    | 1.05    |
| 1989.1248 | 61.24 | 50.48 | 87.32   | -999.25 | -999.25 |
| 1989.2772 | 77.76 | 52.56 | -999.25 | -999.25 | 1.21    |
| 1989.4296 | 74.21 | 74.00 | 78.83   | 1.19    | 1.02    |
| 1989.5820 | 77.07 | 80.00 | -999.25 | -999.25 | -999.25 |
| 1989.7344 | 60.68 | 73.48 | -999.25 | -999.25 | -999.25 |
| 1989.8868 | 58.47 | 72.73 | 83.68   | 1.17    | -999.25 |
| 1990.0392 | 79.58 | 71.01 | 88.53   | -999.25 | 1.00    |
| 1990.1916 | 87.45 | 73.36 | -999.25 | 1.12    | -999.25 |
| 1990.3440 | 54.74 | 64.83 | 100.65  | -999.25 | 0.99    |
| 1990.4964 | 53.06 | 68.29 | -999.25 | 1.12    | -999.25 |
| 1990.6488 | 87.03 | 69.17 | -999.25 | -999.25 | 1.02    |
| 1990.8012 | 59.64 | 64.83 | 98.23   | -999.25 | -999.25 |
| 1990.9536 | 52.64 | 64.27 | 107.93  | 1.08    | -999.25 |
| 1991.1060 | 59.34 | 61.73 | 104.29  | 1.06    | 0.99    |
| 1991.2584 | 59.34 | 63.96 | 97.02   | -999.25 | 0.96    |
| 1991.4108 | 53.93 | 60.65 | -999.25 | -999.25 | -999.25 |
| 1991.5632 | 56.60 | 60.04 | 100.65  | 1.01    | -999.25 |
| 1991.7156 | 51.37 | 55.26 | -999.25 | -999.25 | 0.96    |
| 1991.8680 | 36.32 | 54.03 | 101.87  | 0.92    | -999.25 |
| 1992.0204 | 39.97 | 51.74 | 94.59   | -999.25 | 0.83    |
| 1992.1728 | 47.59 | 48.99 | -999.25 | 0.91    | -999.25 |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1974.3420 | 52.25 | 37.78 | -999.25 | 1.27    | -999.25 |
| 1974.4944 | 60.64 | 39.06 | -999.25 | -999.25 | -999.25 |
| 1974.6468 | 68.73 | 44.06 | 75.20   | -999.25 | 1.37    |
| 1974.7992 | 84.75 | 53.35 | -999.25 | -999.25 | -999.25 |
| 1974.9516 | 75.65 | 54.29 | 70.35   | -999.25 | -999.25 |
| 1975.1040 | 59.17 | 54.52 | 78.83   | 1.08    | -999.25 |
| 1975.2564 | 70.09 | 59.09 | -999.25 | -999.25 | 1.07    |
| 1975.4088 | 59.04 | 60.13 | -999.25 | -999.25 | -999.25 |
| 1975.5612 | 39.93 | 57.99 | 92.17   | 1.05    | -999.25 |
| 1975.7136 | 35.46 | 55.35 | 88.53   | -999.25 | 0.94    |
| 1975.8660 | 43.65 | 55.56 | -999.25 | -999.25 | -999.25 |
| 1976.0184 | 57.66 | 54.84 | -999.25 | 1.05    | -999.25 |
| 1976.1708 | 49.52 | 52.28 | 104.29  | -999.25 | 1.03    |
| 1976.3232 | 43.49 | 48.84 | -999.25 | -999.25 | -999.25 |
| 1976.4756 | 53.31 | 49.42 | 106.11  | 0.90    | -999.25 |
| 1976.6280 | 59.87 | 48.93 | -999.25 | -999.25 | -999.25 |
| 1976.7804 | 57.59 | 47.95 | -999.25 | 0.90    | 0.78    |
| 1976.9328 | 63.73 | 49.54 | 101.87  | -999.25 | -999.25 |
| 1977.0852 | 59.33 | 52.04 | -999.25 | -999.25 | 0.72    |
| 1977.2376 | 40.68 | 51.38 | 93.38   | 0.94    | -999.25 |
| 1977.3900 | 38.70 | 50.50 | -999.25 | -999.25 | 0.94    |
| 1977.5424 | 52.91 | 50.57 | 87.32   | -999.25 | -999.25 |
| 1977.6948 | 55.17 | 51.58 | -999.25 | -999.25 | -999.25 |
| 1977.8472 | 57.91 | 53.68 | 93.38   | 0.84    | 0.75    |
| 1977.9996 | 64.91 | 53.43 | -999.25 | 0.83    | 0.72    |
| 1978.1520 | 63.17 | 54.19 | 104.29  | -999.25 | -999.25 |
| 1978.3044 | 56.65 | 53.26 | -999.25 | 0.86    | 0.77    |
| 1978.4568 | 44.71 | 50.53 | 100.65  | -999.25 | -999.25 |
| 1978.6092 | 66.42 | 54.30 | -999.25 | 0.88    | -999.25 |
| 1978.7616 | 58.97 | 54.75 | 98.23   | -999.25 | 0.86    |
| 1978.9140 | 35.62 | 53.01 | -999.25 | 0.85    | 0.78    |
| 1979.0664 | 44.71 | 52.75 | -999.25 | -999.25 | -999.25 |
| 1979.2188 | 36.79 | 48.37 | -999.25 | 0.81    | -999.25 |
| 1979.3712 | 32.54 | 46.19 | 94.59   | -999.25 | 0.74    |
| 1979.5236 | 43.04 | 44.97 | 103.08  | 0.80    | 0.71    |
| 1979.6760 | 38.57 | 42.25 | -999.25 | 0.79    | -999.25 |
| 1979.8284 | 41.53 | 42.51 | -999.25 | -999.25 | 0.69    |
| 1979.9808 | 50.18 | 43.13 | 103.08  | 0.82    | -999.25 |
| 1980.1332 | 48.12 | 40.54 | -999.25 | -999.25 | 0.72    |
| 1980.2856 | 47.98 | 41.74 | -999.25 | 0.91    | -999.25 |
| 1980.4380 | 50.72 | 43.48 | 90.96   | -999.25 | 0.86    |
| 1980.5904 | 54.36 | 43.17 | -999.25 | 1.00    | -999.25 |
| 1980.7428 | 45.89 | 45.62 | 95.80   | -999.25 | 0.87    |
| 1980.8952 | 49.43 | 47.47 | -999.25 | 1.09    | -999.25 |
| 1981.0476 | 62.83 | 48.88 | -999.25 | -999.25 | 1.07    |
| 1981.2000 | 59.31 | 51.95 | 83.68   | -999.25 | -999.25 |
| 1981.3524 | 58.78 | 52.51 | -999.25 | 1.12    | 1.11    |
| 1981.5048 | 57.86 | 53.41 | -999.25 | 1.06    | -999.25 |
| 1981.6572 | 50.81 | 53.13 | 76.41   | -999.25 | 0.95    |
| 1981.8096 | 53.20 | 54.61 | -999.25 | 0.98    | -999.25 |
| 1981.9620 | 59.99 | 54.90 | 82.47   | -999.25 | 0.95    |
| 1982.1144 | 60.16 | 55.68 | -999.25 | -999.25 | -999.25 |
| 1982.2668 | 58.95 | 57.98 | 88.53   | 0.92    | -999.25 |
| 1982.4192 | 53.05 | 56.55 | -999.25 | -999.25 | -999.25 |
| 1982.5716 | 62.22 | 57.87 | 101.87  | 0.86    | 0.87    |
| 1982.7240 | 75.53 | 58.97 | -999.25 | -999.25 | 0.78    |
| 1982.8764 | 55.19 | 57.14 | -999.25 | -999.25 | -999.25 |
| 1983.0288 | 52.27 | 57.71 | 101.87  | 0.80    | -999.25 |
| 1983.1812 | 53.91 | 57.89 | -999.25 | -999.25 | 0.72    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1965.3504 | 34.66 | 37.93 | -999.25 | -999.25 | -999.25 |
| 1965.5028 | 21.48 | 35.51 | -999.25 | 0.91    | -999.25 |
| 1965.6552 | 21.75 | 35.53 | -999.25 | 0.89    | 0.82    |
| 1965.8076 | 34.25 | 35.05 | 99.44   | -999.25 | 0.78    |
| 1965.9600 | 39.83 | 34.19 | -999.25 | 0.98    | -999.25 |
| 1966.1124 | 46.03 | 34.59 | 95.80   | -999.25 | 0.86    |
| 1966.2648 | 53.55 | 34.40 | -999.25 | -999.25 | -999.25 |
| 1966.4172 | 33.77 | 32.78 | 93.38   | 1.04    | -999.25 |
| 1966.5696 | 22.43 | 30.64 | -999.25 | -999.25 | 0.95    |
| 1966.7220 | 30.36 | 31.25 | -999.25 | 1.05    | -999.25 |
| 1966.8744 | 34.72 | 30.65 | -999.25 | -999.25 | 0.90    |
| 1967.0268 | 20.57 | 30.85 | 94.59   | 1.12    | -999.25 |
| 1967.1792 | 23.06 | 31.15 | -999.25 | -999.25 | -999.25 |
| 1967.3316 | 29.25 | 29.93 | 92.17   | -999.25 | 1.11    |
| 1967.4840 | 28.11 | 29.24 | -999.25 | -999.25 | -999.25 |
| 1967.6364 | 40.89 | 29.45 | -999.25 | 1.06    | -999.25 |
| 1967.7888 | 52.80 | 29.20 | 81.26   | -999.25 | 0.99    |
| 1967.9412 | 43.62 | 30.65 | -999.25 | 0.91    | -999.25 |
| 1968.0936 | 39.13 | 32.84 | -999.25 | -999.25 | 0.90    |
| 1968.2460 | 41.06 | 32.36 | 89.74   | 0.80    | -999.25 |
| 1968.3984 | 49.61 | 34.82 | -999.25 | -999.25 | -999.25 |
| 1968.5508 | 51.19 | 39.85 | 100.65  | -999.25 | 0.71    |
| 1968.7032 | 44.52 | 40.75 | -999.25 | -999.25 | -999.25 |
| 1968.8556 | 48.34 | 44.66 | 109.14  | 0.80    | -999.25 |
| 1969.0080 | 54.29 | 47.38 | -999.25 | -999.25 | 0.75    |
| 1969.1604 | 60.03 | 48.00 | -999.25 | 0.82    | -999.25 |
| 1969.3128 | 42.95 | 45.51 | 109.14  | -999.25 | 0.72    |
| 1969.4652 | 33.14 | 44.88 | -999.25 | -999.25 | -999.25 |
| 1969.6176 | 35.23 | 44.36 | 99.44   | 0.84    | -999.25 |
| 1969.7700 | 31.77 | 42.19 | -999.25 | -999.25 | 0.76    |
| 1969.9224 | 31.24 | 40.14 | 97.02   | -999.25 | -999.25 |
| 1970.0748 | 23.34 | 35.25 | -999.25 | 0.87    | -999.25 |
| 1970.2272 | 25.00 | 35.19 | 100.65  | -999.25 | 0.82    |
| 1970.3796 | 31.00 | 32.59 | -999.25 | 0.85    | -999.25 |
| 1970.5320 | 32.38 | 32.35 | 111.56  | -999.25 | 0.72    |
| 1970.6844 | 43.09 | 31.26 | -999.25 | -999.25 | -999.25 |
| 1970.8368 | 37.73 | 31.69 | 106.11  | 1.06    | -999.25 |
| 1970.9892 | 29.11 | 30.46 | 92.17   | -999.25 | 0.94    |
| 1971.1416 | 23.70 | 29.14 | -999.25 | -999.25 | -999.25 |
| 1971.2940 | 19.13 | 27.03 | -999.25 | 1.31    | -999.25 |
| 1971.4464 | 14.25 | 23.84 | 75.20   | -999.25 | 1.33    |
| 1971.5988 | 14.74 | 23.82 | -999.25 | 1.33    | -999.25 |
| 1971.7512 | 23.49 | 23.55 | -999.25 | -999.25 | 1.23    |
| 1971.9036 | 34.62 | 24.20 | -999.25 | 1.27    | -999.25 |
| 1972.0560 | 35.34 | 23.84 | 87.32   | -999.25 | 1.28    |
| 1972.2084 | 36.71 | 23.74 | -999.25 | -999.25 | -999.25 |
| 1972.3608 | 43.27 | 24.23 | -999.25 | -999.25 | -999.25 |
| 1972.5132 | 48.27 | 25.38 | 88.53   | 1.06    | 0.95    |
| 1972.6656 | 49.93 | 27.15 | -999.25 | 1.05    | -999.25 |
| 1972.8180 | 56.23 | 30.78 | -999.25 | -999.25 | 0.94    |
| 1972.9704 | 49.32 | 37.24 | 86.11   | 1.04    | -999.25 |
| 1973.1228 | 29.93 | 39.05 | -999.25 | -999.25 | 1.05    |
| 1973.2752 | 21.71 | 36.29 | -999.25 | -999.25 | -999.25 |
| 1973.4276 | 28.89 | 37.38 | -999.25 | 0.94    | 0.76    |
| 1973.5800 | 52.87 | 38.94 | 95.80   | 1.09    | -999.25 |
| 1973.7324 | 45.98 | 38.98 | -999.25 | -999.25 | 1.11    |
| 1973.8848 | 39.24 | 38.23 | 105.50  | -999.25 | -999.25 |
| 1974.0372 | 42.66 | 38.17 | -999.25 | 1.08    | 1.05    |
| 1974.1896 | 47.55 | 37.94 | 94.59   | -999.25 | 0.90    |

|           |        |        |         |         |         |
|-----------|--------|--------|---------|---------|---------|
| 1956.5112 | 53.47  | 41.15  | -999.25 | -999.25 | 0.81    |
| 1956.6636 | 41.78  | 40.20  | 93.38   | -999.25 | -999.25 |
| 1956.8160 | 36.98  | 39.59  | -999.25 | 1.02    | -999.25 |
| 1956.9684 | 24.93  | 36.00  | 87.32   | 1.12    | 0.86    |
| 1957.1208 | 14.63  | 30.04  | -999.25 | 1.19    | 1.11    |
| 1957.2732 | 16.34  | 29.58  | 75.20   | 1.20    | 1.21    |
| 1957.4256 | 20.69  | 26.34  | -999.25 | 1.20    | 1.19    |
| 1957.5780 | 20.51  | 24.95  | -999.25 | 1.19    | 1.16    |
| 1957.7304 | 34.94  | 26.17  | 86.11   | 1.14    | 1.09    |
| 1957.8828 | 68.21  | 26.50  | -999.25 | -999.25 | 1.02    |
| 1958.0352 | 51.02  | 26.05  | -999.25 | 1.05    | 0.96    |
| 1958.1876 | 42.03  | 26.52  | -999.25 | -999.25 | -999.25 |
| 1958.3400 | 54.73  | 27.29  | 87.32   | 0.94    | -999.25 |
| 1958.4924 | 27.01  | 26.96  | 92.17   | 0.94    | 0.83    |
| 1958.6448 | 15.95  | 28.16  | -999.25 | -999.25 | 0.82    |
| 1958.7972 | 20.08  | 28.73  | 90.96   | -999.25 | -999.25 |
| 1958.9496 | 29.94  | 30.75  | -999.25 | 0.98    | -999.25 |
| 1959.1020 | 27.86  | 31.02  | -999.25 | -999.25 | 0.90    |
| 1959.2544 | 36.27  | 30.95  | 98.23   | 0.98    | 0.91    |
| 1959.4068 | 34.92  | 28.55  | -999.25 | 0.97    | -999.25 |
| 1959.5592 | 35.67  | 29.41  | 99.44   | -999.25 | 0.88    |
| 1959.7116 | 43.50  | 28.68  | -999.25 | 1.00    | -999.25 |
| 1959.8640 | 47.18  | 28.92  | -999.25 | -999.25 | 0.96    |
| 1960.0164 | 56.56  | 32.26  | 81.26   | -999.25 | -999.25 |
| 1960.1688 | 26.28  | 33.73  | -999.25 | 0.87    | 0.78    |
| 1960.3212 | 51.25  | 40.09  | 98.23   | 0.90    | -999.25 |
| 1960.4736 | 659.40 | 42.96  | -999.25 | -999.25 | 0.77    |
| 1960.6260 | 52.50  | 46.35  | 78.83   | -999.25 | -999.25 |
| 1960.7784 | 42.03  | 44.41  | -999.25 | 1.08    | -999.25 |
| 1960.9308 | 28.46  | 43.72  | -999.25 | -999.25 | -999.25 |
| 1961.0832 | 28.67  | 41.86  | 90.96   | -999.25 | 0.77    |
| 1961.2356 | 31.51  | 40.61  | -999.25 | -999.25 | -999.25 |
| 1961.3880 | 31.51  | 38.47  | -999.25 | 1.39    | -999.25 |
| 1961.5404 | 20.22  | 32.28  | -999.25 | -999.25 | 1.48    |
| 1961.6928 | 13.69  | 30.31  | 84.89   | 1.35    | 1.28    |
| 1961.8452 | 10.56  | 21.73  | 92.17   | 1.29    | -999.25 |
| 1961.9976 | 13.97  | 21.27  | -999.25 | -999.25 | 1.16    |
| 1962.1500 | 40.7   |        |         |         |         |
| 3         | 21.23  | 101.87 | -999.25 | -999.25 |         |
| 1962.3024 | 32.29  | 20.64  | -999.25 | 1.33    | -999.25 |
| 1962.4548 | 29.57  | 21.34  | 109.14  | -999.25 | 1.02    |
| 1962.6072 | 35.50  | 21.23  | 80.04   | 1.46    | -999.25 |
| 1962.7596 | 28.49  | 21.04  | -999.25 | -999.25 | 1.70    |
| 1962.9120 | 26.88  | 20.75  | 67.92   | -999.25 | -999.25 |
| 1963.0644 | 32.39  | 22.83  | -999.25 | 1.25    | -999.25 |
| 1963.2168 | 42.67  | 26.13  | -999.25 | -999.25 | 1.37    |
| 1963.3692 | 42.70  | 33.84  | 87.32   | 1.06    | -999.25 |
| 1963.5216 | 23.39  | 30.76  | -999.25 | -999.25 | 0.86    |
| 1963.6740 | 22.02  | 29.65  | 101.87  | 1.09    | -999.25 |
| 1963.8264 | 44.02  | 32.41  | -999.25 | -999.25 | 1.03    |
| 1963.9788 | 37.23  | 30.93  | 82.47   | -999.25 | -999.25 |
| 1964.1312 | 26.98  | 30.64  | -999.25 | 1.04    | -999.25 |
| 1964.2836 | 36.58  | 32.49  | -999.25 | -999.25 | 1.12    |
| 1964.4360 | 51.04  | 34.35  | -999.25 | -999.25 | -999.25 |
| 1964.5884 | 50.45  | 35.00  | 104.29  | 0.95    | -999.25 |
| 1964.7408 | 51.01  | 35.28  | -999.25 | -999.25 | 0.78    |
| 1964.8932 | 46.26  | 35.45  | 90.96   | 0.96    | -999.25 |
| 1965.0456 | 37.43  | 39.78  | -999.25 | -999.25 | 0.90    |
| 1965.1980 | 39.28  | 41.29  | 94.59   | 0.96    | 0.92    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1947.5196 | 62.84 | 56.56 | 101.87  | 1.05    | 0.95    |
| 1947.6720 | 61.38 | 56.42 | -999.25 | 1.09    | 1.00    |
| 1947.8244 | 57.05 | 57.17 | -999.25 | 1.14    | 1.09    |
| 1947.9768 | 58.47 | 60.67 | 92.17   | 1.14    | 1.12    |
| 1948.1292 | 32.61 | 51.25 | 82.47   | 1.12    | 1.05    |
| 1948.2816 | 21.10 | 43.57 | 104.29  | 1.08    | -999.25 |
| 1948.4340 | 22.42 | 39.85 | 111.56  | 1.06    | 0.95    |
| 1948.5864 | 29.70 | 38.91 | 97.02   | -999.25 | 0.95    |
| 1948.7388 | 50.54 | 38.91 | -999.25 | 1.05    | -999.25 |
| 1948.8912 | 32.95 | 34.53 | 98.23   | 1.04    | 0.92    |
| 1949.0436 | 30.04 | 34.28 | -999.25 | -999.25 | 0.89    |
| 1949.1960 | 48.34 | 33.51 | -999.25 | 1.09    | 0.92    |
| 1949.3484 | 39.40 | 32.52 | 95.80   | -999.25 | -999.25 |
| 1949.5008 | 28.45 | 29.90 | 86.11   | 1.15    | 1.12    |
| 1949.6532 | 37.59 | 33.41 | 82.47   | 1.17    | 1.17    |
| 1949.8056 | 59.72 | 36.60 | -999.25 | 1.15    | 1.14    |
| 1949.9580 | 49.39 | 39.90 | 87.92   | -999.25 | -999.25 |
| 1950.1104 | 58.42 | 41.65 | -999.25 | 1.09    | 1.03    |
| 1950.2628 | 69.05 | 41.67 | 80.04   | 1.06    | 0.96    |
| 1950.4152 | 56.48 | 46.55 | 72.77   | -999.25 | -999.25 |
| 1950.5676 | 63.74 | 48.83 | -999.25 | 0.96    | -999.25 |
| 1950.7200 | 64.94 | 48.96 | 84.89   | -999.25 | 0.86    |
| 1950.8724 | 42.93 | 49.84 | -999.25 | -999.25 | -999.25 |
| 1951.0248 | 47.39 | 56.78 | 95.80   | 0.94    | 0.86    |
| 1951.1772 | 54.35 | 54.28 | -999.25 | 0.91    | -999.25 |
| 1951.3296 | 51.76 | 55.16 | 94.59   | -999.25 | 0.83    |
| 1951.4820 | 54.48 | 55.42 | -999.25 | 0.91    | 0.80    |
| 1951.6344 | 62.58 | 55.86 | 86.11   | 0.90    | 0.82    |
| 1951.7868 | 57.29 | 53.65 | -999.25 | 0.90    | -999.25 |
| 1951.9392 | 46.85 | 53.68 | 92.17   | -999.25 | 0.79    |
| 1952.0916 | 43.86 | 49.72 | -999.25 | 0.95    | 0.85    |
| 1952.2440 | 36.48 | 47.55 | -999.25 | -999.25 | -999.25 |
| 1952.3964 | 38.59 | 48.46 | 101.87  | 0.95    | -999.25 |
| 1952.5488 | 50.80 | 48.20 | 99.44   | 0.96    | 0.94    |
| 1952.7012 | 43.06 | 46.29 | -999.25 | 0.92    | 0.89    |
| 1952.8536 | 33.00 | 43.58 | 105.50  | -999.25 | 0.85    |
| 1953.0060 | 29.82 | 40.59 | 101.87  | 0.89    | -999.25 |
| 1953.1584 | 31.26 | 38.25 | 100.65  | 0.87    | 0.79    |
| 1953.3108 | 45.55 | 39.16 | 95.80   | 0.85    | 0.77    |
| 1953.4632 | 55.50 | 39.24 | -999.25 | -999.25 | -999.25 |
| 1953.6156 | 48.31 | 39.90 | -999.25 | 0.84    | 0.76    |
| 1953.7680 | 48.64 | 41.47 | 93.38   | 0.86    | -999.25 |
| 1953.9204 | 41.46 | 40.48 | 99.44   | -999.25 | 0.80    |
| 1954.0728 | 43.58 | 40.38 | 86.11   | 0.85    | -999.25 |
| 1954.2252 | 45.35 | 40.86 | 92.17   | -999.25 | 0.77    |
| 1954.3776 | 42.69 | 42.76 | 101.87  | -999.25 | -999.25 |
| 1954.5300 | 46.53 | 45.32 | 94.59   | 0.85    | 0.75    |
| 1954.6824 | 39.36 | 45.31 | 84.89   | -999.25 | -999.25 |
| 1954.8348 | 39.72 | 44.04 | 86.11   | 0.87    | 0.83    |
| 1954.9872 | 43.71 | 43.40 | -999.25 | 0.87    | -999.25 |
| 1955.1396 | 43.84 | 43.23 | 92.17   | -999.25 | -999.25 |
| 1955.2920 | 44.96 | 42.77 | -999.25 | -999.25 | 0.77    |
| 1955.4444 | 39.04 | 42.68 | 90.96   | 0.88    | -999.25 |
| 1955.5968 | 35.43 | 40.92 | -999.25 | -999.25 | 0.80    |
| 1955.7492 | 32.25 | 39.65 | -999.25 | 0.88    | 0.80    |
| 1955.9016 | 40.09 | 40.42 | 97.02   | 0.89    | -999.25 |
| 1956.0540 | 57.42 | 40.97 | -999.25 | 0.89    | 0.80    |
| 1956.2064 | 36.50 | 39.78 | 84.89   | 0.90    | 0.81    |
| 1956.3588 | 37.88 | 40.57 | 99.44   | 0.91    | 0.80    |

|           |        |       |         |         |         |
|-----------|--------|-------|---------|---------|---------|
| 1938.5280 | 110.29 | 47.65 | 97.02   | -999.25 | 0.83    |
| 1938.6804 | 78.10  | 56.30 | -999.25 | 0.98    | -999.25 |
| 1938.8328 | 33.94  | 52.70 | 92.17   | -999.25 | 0.88    |
| 1938.9852 | 16.82  | 40.05 | -999.25 | 0.98    | 0.94    |
| 1939.1376 | 17.77  | 37.11 | 92.17   | -999.25 | -999.25 |
| 1939.2900 | 28.17  | 34.93 | -999.25 | 0.98    | 0.89    |
| 1939.4424 | 26.30  | 32.65 | 99.44   | 0.94    | -999.25 |
| 1939.5948 | 27.98  | 31.51 | -999.25 | -999.25 | 0.86    |
| 1939.7472 | 28.75  | 47.03 | 97.02   | -999.25 | -999.25 |
| 1939.8996 | 28.45  | 27.99 | 94.59   | 0.91    | 0.82    |
| 1940.0520 | 28.53  | 25.83 | 103.68  | -999.25 | -999.25 |
| 1940.2044 | 37.49  | 25.97 | 99.44   | 0.90    | -999.25 |
| 1940.3568 | 53.30  | 27.34 | 103.08  | -999.25 | 0.81    |
| 1940.5092 | 42.09  | 31.89 | 99.44   | 0.92    | 0.82    |
| 1940.6616 | 54.91  | 34.52 | -999.25 | -999.25 | -999.25 |
| 1940.8140 | 63.65  | 36.49 | 93.38   | 0.96    | 0.85    |
| 1940.9664 | 50.16  | 39.45 | -999.25 | -999.25 | -999.25 |
| 1941.1188 | 58.82  | 42.27 | 87.32   | 1.06    | -999.25 |
| 1941.2712 | 62.65  | 46.33 | -999.25 | 1.09    | 1.02    |
| 1941.4236 | 34.30  | 44.52 | 87.32   | -999.25 | 1.00    |
| 1941.5760 | 34.84  | 49.23 | 82.47   | 1.09    | -999.25 |
| 1941.7284 | 35.04  | 43.80 | 88.53   | -999.25 | 0.94    |
| 1941.8808 | 27.49  | 41.95 | 99.44   | -999.25 | -999.25 |
| 1942.0332 | 30.45  | 40.57 | -999.25 | 1.17    | 1.11    |
| 1942.1856 | 33.20  | 38.14 | 89.74   | 1.19    | -999.25 |
| 1942.3380 | 35.17  | 36.77 | 84.89   | -999.25 | 1.11    |
| 1942.4904 | 25.18  | 33.14 | -999.25 | 1.14    | 1.09    |
| 1942.6428 | 20.38  | 29.76 | -999.25 | -999.25 | -999.25 |
| 1942.7952 | 21.65  | 27.61 | 95.80   | 1.09    | -999.25 |
| 1942.9476 | 29.93  | 29.02 | -999.25 | 1.06    | 0.95    |
| 1943.1000 | 15.84  | 23.20 | 93.38   | 1.05    | 0.94    |
| 1943.2524 | 13.97  | 23.22 | -999.25 | 1.06    | 0.91    |
| 1943.4048 | 29.34  | 23.45 | 93.38   | -999.25 | 0.89    |
| 1943.5572 | 44.66  | 24.41 | -999.25 | 1.09    | 0.94    |
| 1943.7096 | 56.18  | 24.88 | 77.62   | 1.17    | 1.19    |
| 1943.8620 | 61.09  | 25.93 | 71.56   | 1.11    | -999.25 |
| 1944.0144 | 66.76  | 28.38 | -999.25 | -999.25 | 1.07    |
| 1944.1668 | 69.65  | 31.63 | 90.96   | 0.97    | -999.25 |
| 1944.3192 | 57.15  | 33.90 | 95.80   | -999.25 | 0.78    |
| 1944.4716 | 68.63  | 35.91 | 93.38   | -999.25 | -999.25 |
| 1944.6240 | 66.81  | 50.34 | 94.59   | 1.14    | 1.12    |
| 1944.7764 | 51.87  | 57.49 | 98.23   | 1.02    | 0.89    |
| 1944.9288 | 61.11  | 61.27 | 88.53   | -999.25 | 0.99    |
| 1945.0812 | 61.08  | 61.77 | -999.25 | 1.04    | 1.02    |
| 1945.2336 | 72.30  | 64.40 | 94.59   | 1.01    | -999.25 |
| 1945.3860 | 55.29  | 60.48 | 106.71  | -999.25 | 0.98    |
| 1945.5384 | 41.67  | 57.70 | -999.25 | 0.95    | 0.83    |
| 1945.6908 | 40.66  | 53.82 | 113.99  | -999.25 | -999.25 |
| 1945.8432 | 42.29  | 53.88 | 111.56  | 0.85    | -999.25 |
| 1945.9956 | 50.15  | 50.88 | 97.02   | -999.25 | 0.72    |
| 1946.1480 | 62.31  | 53.25 | -999.25 | 0.89    | -999.25 |
| 1946.3004 | 54.14  | 51.30 | 89.74   | -999.25 | 0.77    |
| 1946.4528 | 42.90  | 49.59 | 90.96   | 0.95    | -999.25 |
| 1946.6052 | 48.66  | 49.19 | 87.32   | -999.25 | 0.91    |
| 1946.7576 | 66.55  | 49.00 | -999.25 | -999.25 | -999.25 |
| 1946.9100 | 59.84  | 49.87 | 93.38   | 0.91    | 0.81    |
| 1947.0624 | 50.18  | 51.04 | 98.23   | 0.94    | 0.81    |
| 1947.2148 | 59.70  | 54.10 | -999.25 | 0.98    | -999.25 |
| 1947.3672 | 71.11  | 56.58 | -999.25 | -999.25 | 0.86    |



|           |         |       |         |         |         |
|-----------|---------|-------|---------|---------|---------|
| 1929.5364 | 22.37   | 32.20 | -999.25 | 0.84    | -999.25 |
| 1929.6888 | 35.40   | 33.32 | 106.71  | -999.25 | 0.77    |
| 1929.8412 | 34.38   | 31.56 | -999.25 | -999.25 | -999.25 |
| 1929.9936 | 32.72   | 31.37 | 93.38   | 0.84    | -999.25 |
| 1930.1460 | 45.55   | 31.38 | -999.25 | -999.25 | 0.76    |
| 1930.2984 | 35.72   | 30.04 | -999.25 | -999.25 | -999.25 |
| 1930.4508 | 29.66   | 29.32 | 99.44   | -999.25 | -999.25 |
| 1930.6032 | 28.14   | 30.26 | -999.25 | 0.90    | -999.25 |
| 1930.7556 | 73.94   | 34.97 | -999.25 | -999.25 | 0.76    |
| 1930.9080 | 4321.59 | 40.79 | 99.44   | 1.01    | -999.25 |
| 1931.0604 | 48.02   | 41.98 | 82.47   | -999.25 | 0.98    |
| 1931.2128 | 49.72   | 43.69 | 84.89   | 1.11    | -999.25 |
| 1931.3652 | 55.91   | 46.34 | 94.59   | -999.25 | -999.25 |
| 1931.5176 | 45.68   | 47.27 | -999.25 | -999.25 | 0.98    |
| 1931.6700 | 37.35   | 44.35 | 92.17   | 1.08    | -999.25 |
| 1931.8224 | 33.50   | 46.46 | 100.65  | -999.25 | 1.00    |
| 1931.9748 | 53.40   | 51.16 | -999.25 | 1.05    | -999.25 |
| 1932.1272 | 66.79   | 57.44 | -999.25 | -999.25 | 0.95    |
| 1932.2796 | 54.39   | 48.73 | 106.71  | 0.96    | -999.25 |
| 1932.4320 | 47.07   | 46.27 | 113.99  | -999.25 | 0.86    |
| 1932.5844 | 45.13   | 48.11 | -999.25 | -999.25 | -999.25 |
| 1932.7368 | 42.15   | 44.77 | 112.78  | 1.05    | -999.25 |
| 1932.8892 | 36.63   | 44.11 | -999.25 | -999.25 | 0.91    |
| 1933.0416 | 41.32   | 43.86 | -999.25 | 1.12    | -999.25 |
| 1933.1940 | 34.86   | 43.38 | -999.25 | -999.25 | 1.05    |
| 1933.3464 | 37.00   | 44.97 | 93.38   | -999.25 | -999.25 |
| 1933.4988 | 46.33   | 42.33 | -999.25 | 1.02    | -999.25 |
| 1933.6512 | 44.10   | 42.06 | 93.38   | -999.25 | 1.05    |
| 1933.8036 | 51.58   | 41.97 | -999.25 | -999.25 | -999.25 |
| 1933.9560 | 60.09   | 43.75 | 95.80   | 0.89    | -999.25 |
| 1934.1084 | 86.85   | 46.09 | -999.25 | -999.25 | 0.71    |
| 1934.2608 | 82.62   | 48.71 | -999.25 | 0.95    | 0.72    |
| 1934.4132 | 57.89   | 50.79 | 100.65  | -999.25 | -999.25 |
| 1934.5656 | 61.08   | 52.73 | -999.25 | 1.22    | 1.25    |
| 1934.7180 | 86.14   | 61.45 | 80.04   | 1.31    | -999.25 |
| 1934.8704 | 75.47   | 61.70 | -999.25 | -999.25 | 1.33    |
| 1935.0228 | 69.45   | 67.40 | 77.62   | 1.29    | 1.26    |
| 1935.1752 | 64.69   | 67.73 | -999.25 | -999.25 | -999.25 |
| 1935.3276 | 59.00   | 69.69 | 86.11   | 1.24    | -999.25 |
| 1935.4800 | 57.66   | 67.09 | -999.25 | 1.19    | 1.11    |
| 1935.6324 | 45.54   | 60.84 | 92.17   | -999.25 | 1.07    |
| 1935.7848 | 44.60   | 58.93 | 94.59   | 1.14    | -999.25 |
| 1935.9372 | 52.06   | 59.44 | -999.25 | -999.25 | 1.02    |
| 1936.0896 | 69.60   | 60.36 | 86.11   | -999.25 | -999.25 |
| 1936.2420 | 58.16   | 55.74 | -999.25 | 1.09    | -999.25 |
| 1936.3944 | 51.74   | 56.23 | 82.47   | -999.25 | -999.25 |
| 1936.5468 | 55.76   | 53.62 | -999.25 | -999.25 | 1.05    |
| 1936.6992 | 43.04   | 51.71 | 97.02   | 1.05    | -999.25 |
| 1936.8516 | 27.69   | 44.48 | -999.25 | -999.25 | 0.95    |
| 1937.0040 | 26.77   | 42.84 | -999.25 | 1.01    | -999.25 |
| 1937.1564 | 25.04   | 38.35 | 94.59   | -999.25 | 0.94    |
| 1937.3088 | 25.31   | 37.37 | 94.59   | -999.25 | -999.25 |
| 1937.4612 | 42.69   | 37.15 | -999.25 | 0.95    | -999.25 |
| 1937.6136 | 60.82   | 36.80 | 93.38   | -999.25 | 0.85    |
| 1937.7660 | 58.18   | 37.15 | -999.25 | 0.97    | -999.25 |
| 1937.9184 | 51.03   | 36.73 | -999.25 | -999.25 | 0.92    |
| 1938.0708 | 49.55   | 36.54 | 92.17   | 0.95    | -999.25 |
| 1938.2232 | 12.25   | 25.71 | 78.83   | -999.25 | 0.85    |
| 1938.3756 | 65.73   | 43.13 | -999.25 | 0.95    | -999.25 |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1920.5448 | 46.44 | 51.39 | 93.38   | -999.25 | -999.25 |
| 1920.6972 | 52.51 | 51.85 | -999.25 | 1.04    | -999.25 |
| 1920.8496 | 64.82 | 51.84 | -999.25 | -999.25 | -999.25 |
| 1921.0020 | 71.98 | 54.00 | 92.17   | -999.25 | 1.03    |
| 1921.1544 | 61.03 | 54.67 | -999.25 | -999.25 | -999.25 |
| 1921.3068 | 74.54 | 58.42 | 94.59   | 1.09    | -999.25 |
| 1921.4592 | 73.32 | 57.48 | -999.25 | -999.25 | 0.91    |
| 1921.6116 | 52.92 | 59.55 | -999.25 | 1.20    | -999.25 |
| 1921.7640 | 61.31 | 60.03 | 93.38   | -999.25 | 1.21    |
| 1921.9164 | 58.16 | 60.65 | 88.53   | 1.22    | -999.25 |
| 1922.0688 | 56.19 | 62.85 | 82.47   | -999.25 | 1.14    |
| 1922.2212 | 31.68 | 52.65 | -999.25 | -999.25 | -999.25 |
| 1922.3736 | 27.70 | 49.88 | 98.23   | 1.22    | -999.25 |
| 1922.5260 | 34.16 | 45.31 | 94.59   | -999.25 | 0.96    |
| 1922.6784 | 34.32 | 44.25 | 101.87  | -999.25 | -999.25 |
| 1922.8308 | 40.00 | 41.00 | -999.25 | 1.33    | 1.26    |
| 1922.9832 | 42.94 | 40.77 | 77.62   | 1.42    | 1.39    |
| 1923.1356 | 34.43 | 37.86 | 71.56   | 1.42    | -999.25 |
| 1923.2880 | 35.46 | 37.17 | -999.25 | 1.37    | 1.35    |
| 1923.4404 | 43.21 | 36.22 | 86.11   | -999.25 | 1.33    |
| 1923.5928 | 42.25 | 35.61 | -999.25 | 1.25    | -999.25 |
| 1923.7452 | 47.52 | 39.21 | -999.25 | -999.25 | 1.12    |
| 1923.8976 | 41.25 | 38.90 | -999.25 | -999.25 | -999.25 |
| 1924.0500 | 36.66 | 39.84 | 83.68   | 1.20    | -999.25 |
| 1924.2024 | 53.12 | 42.29 | -999.25 | -999.25 | 1.11    |
| 1924.3548 | 65.82 | 43.21 | 92.17   | 1.24    | -999.25 |
| 1924.5072 | 57.44 | 44.50 | 100.65  | -999.25 | 1.11    |
| 1924.6596 | 52.12 | 47.24 | -999.25 | -999.25 | -999.25 |
| 1924.8120 | 45.72 | 47.16 | 94.59   | 1.29    | -999.25 |
| 1924.9644 | 51.42 | 48.95 | 98.23   | 1.35    | 1.17    |
| 1925.1168 | 53.64 | 49.51 | -999.25 | 1.37    | 1.23    |
| 1925.2692 | 50.22 | 49.49 | 80.04   | 1.42    | 1.39    |
| 1925.4216 | 30.63 | 45.71 | 77.62   | 1.44    | -999.25 |
| 1925.5740 | 35.23 | 48.96 | 81.26   | 1.39    | 1.33    |
| 1925.7264 | 68.70 | 47.56 | 101.87  | -999.25 | 1.28    |
| 1925.8788 | 52.29 | 47.14 | 88.53   | 1.35    | 1.28    |
| 1926.0312 | 38.57 | 44.00 | 89.14   | 1.24    | -999.25 |
| 1926.1836 | 46.83 | 46.20 | 87.32   | 1.06    | 1.21    |
| 1926.3360 | 67.74 | 46.93 | -999.25 | -999.25 | 0.98    |
| 1926.4884 | 54.81 | 46.72 | 112.78  | -999.25 | -999.25 |
| 1926.6408 | 72.17 | 49.14 | -999.25 | 0.97    | 0.75    |
| 1926.7932 | 69.06 | 49.22 | -999.25 | -999.25 | -999.25 |
| 1926.9456 | 51.81 | 56.56 | 87.32   | -999.25 | -999.25 |
| 1927.0980 | 54.07 | 54.53 | -999.25 | 1.15    | -999.25 |
| 1927.2504 | 39.19 | 50.32 | -999.25 | -999.25 | 1.12    |
| 1927.4028 | 34.73 | 49.33 | -999.25 | 1.15    | -999.25 |
| 1927.5552 | 30.45 | 47.05 | 84.89   | -999.25 | 1.12    |
| 1927.7076 | 28.52 | 43.45 | -999.25 | 1.12    | 0.96    |
| 1927.8600 | 29.74 | 39.96 | 86.11   | 1.09    | -999.25 |
| 1928.0124 | 37.51 | 40.49 | -999.25 | -999.25 | 0.96    |
| 1928.1648 | 40.44 | 36.76 | -999.25 | 1.09    | 0.98    |
| 1928.3172 | 38.58 | 37.06 | 100.65  | 1.08    | -999.25 |
| 1928.4696 | 47.10 | 36.25 | -999.25 | 1.04    | 1.05    |
| 1928.6220 | 47.51 | 36.37 | 83.68   | 0.98    | 0.99    |
| 1928.7744 | 47.73 | 37.49 | -999.25 | 0.94    | 0.88    |
| 1928.9268 | 44.35 | 38.10 | 86.11   | -999.25 | -999.25 |
| 1929.0792 | 27.21 | 36.42 | -999.25 | 0.86    | 0.75    |
| 1929.2316 | 24.34 | 36.43 | 101.87  | 0.85    | 0.73    |
| 1929.3840 | 23.32 | 34.12 | -999.25 | 0.84    | 0.74    |

|           |        |       |         |         |         |
|-----------|--------|-------|---------|---------|---------|
| 1911.5532 | 44.70  | 28.54 | 83.68   | 1.01    | 0.80    |
| 1911.7056 | 63.99  | 41.07 | -999.25 | -999.25 | 0.79    |
| 1911.8580 | 43.30  | 40.39 | 93.38   | 1.08    | -999.25 |
| 1912.0104 | 23.58  | 38.51 | 75.20   | -999.25 | 1.09    |
| 1912.1628 | 20.30  | 35.37 | 88.53   | 1.08    | -999.25 |
| 1912.3152 | 18.69  | 30.69 | 88.53   | -999.25 | -999.25 |
| 1912.4676 | 20.72  | 29.19 | 100.65  | -999.25 | 0.91    |
| 1912.6200 | 29.04  | 29.83 | -999.25 | 1.11    | -999.25 |
| 1912.7724 | 23.62  | 26.98 | 94.59   | -999.25 | 1.07    |
| 1912.9248 | 24.75  | 26.83 | -999.25 | -999.25 | -999.25 |
| 1913.0772 | 29.48  | 25.40 | 100.65  | 1.08    | 0.91    |
| 1913.2296 | 29.69  | 24.46 | 95.80   | -999.25 | -999.25 |
| 1913.3820 | 45.69  | 25.55 | -999.25 | 1.08    | -999.25 |
| 1913.5344 | 39.27  | 26.67 | 72.77   | 1.05    | 1.06    |
| 1913.6868 | 40.36  | 29.21 | -999.25 | 0.98    | 1.02    |
| 1913.8392 | 56.97  | 33.00 | -999.25 | -999.25 | 0.89    |
| 1913.9916 | 53.31  | 35.29 | 88.53   | -999.25 | -999.25 |
| 1914.1440 | 45.26  | 35.92 | -999.25 | 0.89    | 0.83    |
| 1914.2964 | 43.85  | 40.93 | 80.04   | 0.83    | 0.78    |
| 1914.4488 | 30.95  | 38.14 | -999.25 | -999.25 | -999.25 |
| 1914.6012 | 17.42  | 34.33 | 83.68   | 0.76    | -999.25 |
| 1914.7536 | 34.29  | 39.50 | -999.25 | -999.25 | 0.69    |
| 1914.9060 | 162.00 | 38.48 | -999.25 | 0.77    | -999.25 |
| 1915.0584 | 40.92  | 39.82 | 88.53   | -999.25 | 0.68    |
| 1915.2108 | 27.94  | 35.48 | 88.53   | 0.90    | 0.70    |
| 1915.3632 | 27.45  | 34.62 | -999.25 | 0.80    | -999.25 |
| 1915.5156 | 47.01  | 34.85 | 94.59   | -999.25 | 0.75    |
| 1915.6680 | 54.94  | 35.58 | -999.25 | 0.80    | 0.75    |
| 1915.8204 | 52.05  | 35.75 | -999.25 | 0.80    | 0.74    |
| 1915.9728 | 48.11  | 38.76 | 103.08  | -999.25 | -999.25 |
| 1916.1252 | 41.20  | 46.85 | 105.50  | 0.81    | -999.25 |
| 1916.2776 | 32.72  | 38.34 | -999.25 | 0.81    | 0.74    |
| 1916.4300 | 36.09  | 38.99 | 100.65  | -999.25 | 0.75    |
| 1916.5824 | 44.50  | 38.93 | -999.25 | 0.80    | -999.25 |
| 1916.7348 | 50.33  | 44.51 | -999.25 | -999.25 | 0.72    |
| 1916.8872 | 60.32  | 46.04 | 110.35  | -999.25 | -999.25 |
| 1917.0396 | 46.93  | 44.50 | -999.25 | 0.80    | -999.25 |
| 1917.1920 | 35.88  | 42.28 | 88.53   | -999.25 | 0.71    |
| 1917.3444 | 51.47  | 44.41 | -999.25 | 0.83    | -999.25 |
| 1917.4968 | 43.52  | 41.51 | -999.25 | -999.25 | 0.69    |
| 1917.6492 | 31.03  | 41.48 | -999.25 | 1.00    | -999.25 |
| 1917.8016 | 45.30  | 44.65 | 99.44   | -999.25 | 0.87    |
| 1917.9540 | 36.82  | 41.67 | -999.25 | 1.35    | -999.25 |
| 1918.1064 | 33.22  | 41.80 | -999.25 | -999.25 | 1.41    |
| 1918.2588 | 40.79  | 40.12 | 66.71   | 1.35    | -999.25 |
| 1918.4112 | 33.20  | 37.55 | -999.25 | -999.25 | -999.25 |
| 1918.5636 | 36.14  | 38.17 | 58.22   | 1.31    | 1.26    |
| 1918.7160 | 45.84  | 39.34 | -999.25 | -999.25 | 1.25    |
| 1918.8684 | 30.97  | 34.76 | 77.62   | -999.25 | -999.25 |
| 1919.0208 | 32.82  | 37.15 | -999.25 | 1.24    | -999.25 |
| 1919.1732 | 56.74  | 38.68 | -999.25 | 1.17    | 1.06    |
| 1919.3256 | 61.45  | 38.83 | 78.83   | -999.25 | 1.11    |
| 1919.4780 | 56.42  | 41.73 | -999.25 | 1.11    | -999.25 |
| 1919.6304 | 46.78  | 41.65 | 84.89   | -999.25 | 1.03    |
| 1919.7828 | 48.97  | 43.20 | 97.02   | -999.25 | -999.25 |
| 1919.9352 | 55.25  | 46.28 | -999.25 | 0.98    | -999.25 |
| 1920.0876 | 48.73  | 46.05 | 104.29  | -999.25 | 0.85    |
| 1920.2400 | 49.99  | 47.07 | 94.59   | 0.96    | -999.25 |
| 1920.3924 | 53.42  | 52.63 | -999.25 | -999.25 | 0.82    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1902.5616 | 31.21 | 34.62 | 90.96   | -999.25 | 0.94    |
| 1902.7140 | 57.31 | 36.77 | -999.25 | 1.33    | -999.25 |
| 1902.8664 | 49.32 | 39.47 | 80.04   | -999.25 | 1.12    |
| 1903.0188 | 35.71 | 41.48 | -999.25 | 1.42    | -999.25 |
| 1903.1712 | 43.10 | 43.29 | -999.25 | -999.25 | 1.56    |
| 1903.3236 | 49.79 | 46.42 | 70.35   | 1.44    | -999.25 |
| 1903.4760 | 48.43 | 43.90 | -999.25 | -999.25 | 1.19    |
| 1903.6284 | 46.51 | 44.48 | 70.35   | 1.42    | -999.25 |
| 1903.7808 | 41.64 | 41.61 | -999.25 | -999.25 | 1.33    |
| 1903.9332 | 31.83 | 42.21 | -999.25 | 1.42    | -999.25 |
| 1904.0856 | 34.46 | 42.68 | 69.13   | 1.33    | 1.25    |
| 1904.2380 | 42.80 | 40.20 | -999.25 | -999.25 | 1.48    |
| 1904.3904 | 34.01 | 39.59 | -999.25 | -999.25 | -999.25 |
| 1904.5428 | 45.07 | 42.18 | 90.96   | 1.19    | 0.99    |
| 1904.6952 | 46.74 | 40.17 | -999.25 | 1.12    | -999.25 |
| 1904.8476 | 25.75 | 36.42 | -999.25 | -999.25 | 0.96    |
| 1905.0000 | 29.82 | 36.40 | 92.17   | 1.15    | 0.94    |
| 1905.1524 | 38.80 | 35.32 | 99.44   | -999.25 | -999.25 |
| 1905.3048 | 37.33 | 35.68 | -999.25 | 1.37    | -999.25 |
| 1905.4572 | 38.90 | 36.80 | 86.11   | -999.25 | 1.06    |
| 1905.6096 | 38.91 | 36.55 | 83.68   | 1.61    | -999.25 |
| 1905.7620 | 42.44 | 36.75 | -999.25 | -999.25 | 1.67    |
| 1905.9144 | 47.11 | 38.87 | 73.98   | 1.70    | -999.25 |
| 1906.0668 | 29.56 | 33.85 | -999.25 | -999.25 | 2.14    |
| 1906.2192 | 38.70 | 37.57 | 81.26   | -999.25 | -999.25 |
| 1906.3716 | 43.79 | 37.96 | -999.25 | 1.35    | -999.25 |
| 1906.5240 | 35.69 | 39.20 | 90.96   | -999.25 | 1.23    |
| 1906.6764 | 55.92 | 40.38 | -999.25 | 1.27    | -999.25 |
| 1906.8288 | 44.20 | 40.52 | 97.02   | -999.25 | 1.06    |
| 1906.9812 | 41.10 | 40.83 | -999.25 | -999.25 | -999.25 |
| 1907.1336 | 56.45 | 43.32 | 90.96   | 1.27    | -999.25 |
| 1907.2860 | 35.42 | 39.34 | -999.25 | -999.25 | 1.07    |
| 1907.4384 | 24.18 | 36.89 | 92.17   | -999.25 | -999.25 |
| 1907.5908 | 32.75 | 40.38 | -999.25 | 1.73    | -999.25 |
| 1907.7432 | 51.49 | 38.72 | 73.98   | -999.25 | 1.87    |
| 1907.8956 | 34.27 | 38.41 | -999.25 | -999.25 | -999.25 |
| 1908.0480 | 25.98 | 35.82 | -999.25 | 1.73    | -999.25 |
| 1908.2004 | 30.28 | 34.41 | -999.25 | -999.25 | 1.74    |
| 1908.3528 | 20.37 | 30.11 | 55.80   | 1.70    | 1.62    |
| 1908.5052 | 21.70 | 29.93 | 72.77   | 1.53    | -999.25 |
| 1908.6576 | 30.01 | 27.52 | -999.25 | 1.35    | 1.44    |
| 1908.8100 | 36.86 | 30.13 | 84.89   | -999.25 | 1.14    |
| 1908.9624 | 64.46 | 32.09 | -999.25 | 1.24    | -999.25 |
| 1909.1148 | 52.21 | 32.35 | -999.25 | -999.25 | 1.12    |
| 1909.2672 | 64.20 | 32.90 | 98.23   | 1.15    | -999.25 |
| 1909.4196 | 64.09 | 35.46 | -999.25 | -999.25 | 1.05    |
| 1909.5720 | 49.94 | 37.44 | 98.23   | 1.12    | -999.25 |
| 1909.7244 | 56.27 | 39.76 | -999.25 | -999.25 | 0.99    |
| 1909.8768 | 49.01 | 47.69 | 95.80   | 1.17    | -999.25 |
| 1910.0292 | 29.88 | 44.20 | -999.25 | -999.25 | 0.94    |
| 1910.1816 | 12.71 | 33.29 | -999.25 | 1.25    | -999.25 |
| 1910.3340 | 13.43 | 31.16 | 83.68   | -999.25 | 1.25    |
| 1910.4864 | 29.16 | 29.59 | 75.20   | 1.20    | -999.25 |
| 1910.6388 | 31.54 | 28.90 | 77.62   | -999.25 | 1.14    |
| 1910.7912 | 48.92 | 28.76 | -999.25 | 1.09    | -999.25 |
| 1910.9436 | 54.54 | 28.45 | 69.13   | -999.25 | -999.25 |
| 1911.0960 | 33.69 | 27.25 | 81.26   | -999.25 | 0.98    |
| 1911.2484 | 35.34 | 26.84 | -999.25 | -999.25 | -999.25 |
| 1911.4008 | 46.12 | 27.06 | -999.25 | 0.98    | -999.25 |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1893.5700 | 47.59 | 44.51 | -999.25 | 1.31    | 1.00    |
| 1893.7224 | 48.47 | 45.23 | 105.50  | 1.51    | -999.25 |
| 1893.8748 | 48.57 | 45.49 | -999.25 | -999.25 | 1.33    |
| 1894.0272 | 42.62 | 44.30 | 71.56   | 1.64    | 1.94    |
| 1894.1796 | 40.68 | 46.00 | -999.25 | 1.59    | -999.25 |
| 1894.3320 | 58.45 | 47.25 | 61.86   | 1.53    | 1.70    |
| 1894.4844 | 52.52 | 48.09 | -999.25 | 1.46    | 1.51    |
| 1894.6368 | 41.92 | 45.53 | -999.25 | -999.25 | 1.26    |
| 1894.7892 | 49.32 | 47.39 | 86.11   | 1.31    | 1.09    |
| 1894.9416 | 43.78 | 46.34 | 88.53   | 1.35    | -999.25 |
| 1895.0940 | 43.58 | 46.54 | -999.25 | -999.25 | 1.06    |
| 1895.2464 | 54.68 | 47.37 | 100.05  | -999.25 | -999.25 |
| 1895.3988 | 54.43 | 47.52 | 76.41   | 1.59    | -999.25 |
| 1895.5512 | 49.90 | 48.96 | -999.25 | -999.25 | 1.37    |
| 1895.7036 | 47.81 | 49.24 | 80.04   | -999.25 | -999.25 |
| 1895.8560 | 52.98 | 48.12 | 84.89   | 1.70    | -999.25 |
| 1896.0084 | 54.93 | 49.65 | 82.47   | 1.70    | 1.77    |
| 1896.1608 | 50.81 | 50.14 | -999.25 | 1.70    | 1.78    |
| 1896.3132 | 50.19 | 49.82 | 97.02   | 1.65    | 1.65    |
| 1896.4656 | 49.13 | 51.42 | 84.89   | 1.46    | 1.65    |
| 1896.6180 | 44.49 | 50.05 | -999.25 | -999.25 | 1.25    |
| 1896.7704 | 42.57 | 48.81 | -999.25 | 1.46    | -999.25 |
| 1896.9228 | 41.96 | 47.46 | 89.74   | -999.25 | 1.19    |
| 1897.0752 | 39.27 | 46.36 | -999.25 | 1.51    | -999.25 |
| 1897.2276 | 41.66 | 46.11 | 80.04   | -999.25 | 1.67    |
| 1897.3800 | 41.35 | 44.18 | -999.25 | 1.42    | -999.25 |
| 1897.5324 | 42.15 | 43.87 | 75.20   | -999.25 | 1.48    |
| 1897.6848 | 57.47 | 45.09 | 77.62   | 1.20    | -999.25 |
| 1897.8372 | 58.04 | 44.94 | -999.25 | -999.25 | -999.25 |
| 1897.9896 | 39.78 | 43.22 | 82.47   | 1.17    | 1.05    |
| 1898.1420 | 34.80 | 42.54 | 81.26   | 1.08    | 0.98    |
| 1898.2944 | 30.34 | 39.95 | -999.25 | 1.04    | -999.25 |
| 1898.4468 | 27.42 | 38.41 | 70.35   | 1.02    | 0.87    |
| 1898.5992 | 20.91 | 33.90 | -999.25 | 1.02    | 0.94    |
| 1898.7516 | 21.28 | 32.65 | 89.74   | -999.25 | -999.25 |
| 1898.9040 | 39.51 | 33.64 | -999.25 | 1.02    | 0.94    |
| 1899.0564 | 39.82 | 32.36 | 84.89   | -999.25 | 0.94    |
| 1899.2088 | 34.74 | 31.25 | 98.23   | 0.97    | 0.92    |
| 1899.3612 | 39.49 | 30.75 | -999.25 | 0.95    | -999.25 |
| 1899.5136 | 39.94 | 31.27 | -999.25 | 0.98    | 0.80    |
| 1899.6660 | 24.47 | 28.61 | 95.80   | -999.25 | 0.85    |
| 1899.8184 | 13.15 | 24.63 | -999.25 | -999.25 | -999.25 |
| 1899.9708 | 11.15 | 21.93 | 95.80   | 1.09    | -999.25 |
| 1900.1232 | 17.94 | 23.71 | -999.25 | -999.25 | 0.98    |
| 1900.2756 | 27.67 | 23.02 | 84.89   | -999.25 | -999.25 |
| 1900.4280 | 29.94 | 22.83 | -999.25 | 1.27    | 1.21    |
| 1900.5804 | 27.82 | 21.93 | 71.56   | 1.33    | -999.25 |
| 1900.7328 | 28.98 | 22.25 | -999.25 | 1.37    | 1.35    |
| 1900.8852 | 75.18 | 23.15 | 78.83   | -999.25 | 1.30    |
| 1901.0376 | 67.38 | 23.31 | 76.41   | 1.31    | -999.25 |
| 1901.1900 | 43.31 | 25.23 | -999.25 | 1.27    | 1.25    |
| 1901.3424 | 26.31 | 28.33 | 87.32   | -999.25 | 1.14    |
| 1901.4948 | 23.03 | 32.92 | -999.25 | 1.25    | -999.25 |
| 1901.6472 | 29.09 | 32.23 | 87.32   | -999.25 | 1.06    |
| 1901.7996 | 30.38 | 33.63 | 87.32   | -999.25 | -999.25 |
| 1901.9520 | 44.96 | 34.73 | -999.25 | 1.24    | -999.25 |
| 1902.1044 | 59.51 | 38.60 | -999.25 | 1.20    | 1.17    |
| 1902.2568 | 56.37 | 39.30 | 84.89   | -999.25 | 1.14    |
| 1902.4092 | 39.40 | 35.31 | -999.25 | 1.17    | -999.25 |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1884.5784 | 38.89 | 39.07 | 95.80   | 0.97    | 0.90    |
| 1884.7308 | 39.32 | 37.67 | 92.17   | 1.00    | 0.91    |
| 1884.8832 | 54.91 | 41.78 | -999.25 | 1.05    | 0.94    |
| 1885.0356 | 70.49 | 42.36 | 90.96   | -999.25 | -999.25 |
| 1885.1880 | 56.99 | 44.94 | -999.25 | 1.11    | -999.25 |
| 1885.3404 | 52.99 | 45.42 | -999.25 | 1.11    | 1.03    |
| 1885.4928 | 46.56 | 45.08 | 87.32   | -999.25 | 1.05    |
| 1885.6452 | 62.79 | 48.93 | -999.25 | 1.06    | -999.25 |
| 1885.7976 | 64.79 | 50.82 | 87.32   | 1.05    | 1.00    |
| 1885.9500 | 48.19 | 52.54 | 88.53   | 0.99    | 0.94    |
| 1886.1024 | 52.99 | 54.62 | -999.25 | -999.25 | 0.87    |
| 1886.2548 | 59.30 | 57.74 | -999.25 | 0.94    | 0.82    |
| 1886.4072 | 60.72 | 55.68 | 87.32   | 0.92    | -999.25 |
| 1886.5596 | 56.96 | 55.57 | -999.25 | -999.25 | 0.80    |
| 1886.7120 | 59.59 | 56.16 | 88.53   | 0.91    | 0.81    |
| 1886.8644 | 55.70 | 56.15 | 92.17   | -999.25 | -999.25 |
| 1887.0168 | 53.52 | 57.98 | -999.25 | 0.92    | -999.25 |
| 1887.1692 | 48.41 | 53.32 | -999.25 | 0.95    | 0.78    |
| 1887.3216 | 41.27 | 52.61 | 101.87  | -999.25 | 0.87    |
| 1887.4740 | 44.13 | 52.25 | 86.11   | 0.98    | 0.91    |
| 1887.6264 | 56.57 | 53.28 | -999.25 | 1.02    | -999.25 |
| 1887.7788 | 60.42 | 52.42 | 93.38   | -999.25 | 0.91    |
| 1887.9312 | 53.14 | 51.98 | 84.89   | 1.06    | 0.98    |
| 1888.0836 | 53.47 | 51.80 | -999.25 | -999.25 | -999.25 |
| 1888.2360 | 62.59 | 52.42 | 94.59   | 1.06    | -999.25 |
| 1888.3884 | 73.65 | 54.26 | 93.38   | -999.25 | 0.96    |
| 1888.5408 | 72.05 | 55.20 | -999.25 | 1.14    | -999.25 |
| 1888.6932 | 68.40 | 58.06 | -999.25 | 1.14    | 1.03    |
| 1888.8456 | 56.78 | 59.55 | 87.32   | -999.25 | 1.05    |
| 1888.9980 | 52.37 | 60.57 | 104.29  | -999.25 | -999.25 |
| 1889.1504 | 54.01 | 58.96 | 88.53   | 1.17    | 1.02    |
| 1889.3028 | 54.92 | 59.38 | -999.25 | -999.25 | -999.25 |
| 1889.4552 | 55.80 | 59.59 | -999.25 | 1.22    | -999.25 |
| 1889.6076 | 56.27 | 60.05 | 90.96   | -999.25 | 1.11    |
| 1889.7600 | 55.12 | 58.09 | -999.25 | 1.24    | -999.25 |
| 1889.9124 | 43.16 | 53.84 | 88.53   | -999.25 | 1.12    |
| 1890.0648 | 27.70 | 46.17 | -999.25 | 1.22    | 1.16    |
| 1890.2172 | 26.54 | 43.13 | 86.11   | -999.25 | -999.25 |
| 1890.3696 | 37.82 | 42.69 | 76.41   | 1.20    | 1.09    |
| 1890.5220 | 46.88 | 42.32 | -999.25 | 1.19    | -999.25 |
| 1890.6744 | 46.30 | 41.60 | 83.68   | -999.25 | 1.09    |
| 1890.8268 | 50.56 | 41.76 | 78.83   | 1.15    | -999.25 |
| 1890.9792 | 65.49 | 42.54 | -999.25 | -999.25 | 1.07    |
| 1891.1316 | 52.09 | 41.27 | 82.47   | 1.11    | 0.95    |
| 1891.2840 | 50.05 | 41.88 | 86.71   | 1.08    | -999.25 |
| 1891.4364 | 54.71 | 43.01 | -999.25 | 1.11    | 0.95    |
| 1891.5888 | 48.78 | 48.18 | 99.44   | -999.25 | 0.96    |
| 1891.7412 | 49.64 | 50.65 | -999.25 | -999.25 | -999.25 |
| 1891.8936 | 47.47 | 50.80 | 92.17   | 1.24    | -999.25 |
| 1892.0460 | 47.36 | 50.76 | -999.25 | 1.29    | 1.14    |
| 1892.1984 | 44.21 | 50.28 | 78.83   | -999.25 | 1.26    |
| 1892.3508 | 43.44 | 49.14 | -999.25 | 1.29    | -999.25 |
| 1892.5032 | 47.27 | 47.47 | -999.25 | -999.25 | 1.16    |
| 1892.6556 | 38.76 | 46.14 | -999.25 | -999.25 | -999.25 |
| 1892.8080 | 41.40 | 45.66 | 81.26   | 1.27    | 1.14    |
| 1892.9604 | 42.09 | 43.92 | 77.62   | 1.24    | -999.25 |
| 1893.1128 | 50.36 | 45.93 | 78.23   | -999.25 | 1.11    |
| 1893.2652 | 53.33 | 44.46 | 87.32   | 1.22    | -999.25 |
| 1893.4176 | 40.41 | 44.43 | 87.32   | -999.25 | 1.03    |

|           |        |       |         |         |         |
|-----------|--------|-------|---------|---------|---------|
| 1875.5868 | 49.48  | 54.76 | -999.25 | -999.25 | -999.25 |
| 1875.7392 | 71.81  | 58.48 | -999.25 | 1.08    | -999.25 |
| 1875.8916 | 70.49  | 58.11 | 72.77   | -999.25 | 1.05    |
| 1876.0440 | 63.02  | 57.96 | -999.25 | 1.08    | -999.25 |
| 1876.1964 | 69.64  | 61.19 | 77.62   | 1.05    | 1.00    |
| 1876.3488 | 57.78  | 61.61 | 89.74   | -999.25 | 0.94    |
| 1876.5012 | 55.56  | 57.63 | -999.25 | 1.04    | -999.25 |
| 1876.6536 | 56.10  | 61.85 | -999.25 | -999.25 | 0.94    |
| 1876.8060 | 50.65  | 57.80 | 94.59   | 1.00    | -999.25 |
| 1876.9584 | 37.08  | 54.41 | -999.25 | -999.25 | -999.25 |
| 1877.1108 | 59.64  | 60.20 | 92.17   | -999.25 | 0.86    |
| 1877.2632 | 101.84 | 56.96 | -999.25 | 1.05    | 0.89    |
| 1877.4156 | 59.68  | 58.39 | 89.74   | -999.25 | -999.25 |
| 1877.5680 | 63.27  | 57.00 | -999.25 | 1.08    | -999.25 |
| 1877.7204 | 55.48  | 56.00 | -999.25 | -999.25 | 1.02    |
| 1877.8728 | 56.07  | 56.66 | 75.20   | -999.25 | -999.25 |
| 1878.0252 | 70.77  | 58.53 | 94.59   | 1.05    | -999.25 |
| 1878.1776 | 37.88  | 51.64 | -999.25 | 1.04    | 0.94    |
| 1878.3300 | 32.01  | 51.59 | -999.25 | -999.25 | 0.96    |
| 1878.4824 | 52.14  | 56.16 | 93.38   | 1.02    | -999.25 |
| 1878.6348 | 65.81  | 52.44 | -999.25 | -999.25 | 0.89    |
| 1878.7872 | 56.80  | 51.64 | -999.25 | -999.25 | -999.25 |
| 1878.9396 | 60.13  | 52.51 | 104.29  | 1.06    | -999.25 |
| 1879.0920 | 63.36  | 51.65 | 92.17   | 1.09    | 0.96    |
| 1879.2444 | 49.84  | 51.41 | -999.25 | -999.25 | -999.25 |
| 1879.3968 | 65.96  | 53.12 | -999.25 | 1.15    | 0.98    |
| 1879.5492 | 65.05  | 50.76 | 100.65  | -999.25 | 1.02    |
| 1879.7016 | 50.07  | 57.01 | -999.25 | -999.25 | -999.25 |
| 1879.8540 | 55.35  | 58.60 | 84.89   | 1.22    | -999.25 |
| 1880.0064 | 70.34  | 60.43 | 71.56   | -999.25 | 1.12    |
| 1880.1588 | 59.19  | 57.45 | -999.25 | 1.14    | -999.25 |
| 1880.3112 | 45.91  | 57.53 | 83.68   | -999.25 | 1.19    |
| 1880.4636 | 41.98  | 53.07 | -999.25 | 1.02    | -999.25 |
| 1880.6160 | 42.87  | 52.94 | -999.25 | -999.25 | 0.92    |
| 1880.7684 | 57.28  | 54.58 | -999.25 | -999.25 | -999.25 |
| 1880.9208 | 54.88  | 51.27 | 78.83   | 0.92    | -999.25 |
| 1881.0732 | 44.22  | 50.58 | 84.89   | 0.91    | 0.81    |
| 1881.2256 | 60.34  | 53.13 | 93.38   | -999.25 | 0.82    |
| 1881.3780 | 56.38  | 50.75 | -999.25 | -999.25 | -999.25 |
| 1881.5304 | 45.45  | 49.07 | 98.23   | 0.94    | -999.25 |
| 1881.6828 | 59.11  | 50.74 | 103.08  | -999.25 | 0.86    |
| 1881.8352 | 53.84  | 50.66 | -999.25 | -999.25 | -999.25 |
| 1881.9876 | 48.67  | 52.48 | -999.25 | 0.98    | -999.25 |
| 1882.1400 | 36.35  | 48.60 | 99.44   | -999.25 | 0.89    |
| 1882.2924 | 33.35  | 46.38 | 95.80   | 1.01    | -999.25 |
| 1882.4448 | 44.98  | 46.78 | -999.25 | -999.25 | 0.88    |
| 1882.5972 | 49.16  | 47.38 | 97.02   | 1.04    | -999.25 |
| 1882.7496 | 43.56  | 44.14 | 96.61   | -999.25 | 0.96    |
| 1882.9020 | 43.66  | 45.17 | 94.59   | 1.00    | -999.25 |
| 1883.0544 | 47.98  | 44.60 | -999.25 | -999.25 | 0.94    |
| 1883.2068 | 53.64  | 44.48 | 78.83   | 0.97    | -999.25 |
| 1883.3592 | 37.70  | 41.64 | 93.38   | -999.25 | 0.86    |
| 1883.5116 | 34.64  | 41.41 | 92.17   | 0.97    | 0.88    |
| 1883.6640 | 38.53  | 42.19 | -999.25 | -999.25 | -999.25 |
| 1883.8164 | 37.26  | 42.52 | -999.25 | -999.25 | -999.25 |
| 1883.9688 | 45.83  | 42.34 | 95.80   | 0.92    | -999.25 |
| 1884.1212 | 41.98  | 41.30 | 106.71  | 0.92    | 0.80    |
| 1884.2736 | 35.75  | 40.61 | 84.89   | -999.25 | 0.79    |
| 1884.4260 | 36.02  | 39.70 | -999.25 | 0.95    | 0.80    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1866.5952 | 55.87 | 50.02 | 83.68   | -999.25 | -999.25 |
| 1866.7476 | 57.11 | 51.71 | 81.26   | 0.92    | -999.25 |
| 1866.9000 | 53.18 | 51.51 | -999.25 | -999.25 | 0.85    |
| 1867.0524 | 64.77 | 55.02 | 93.38   | 0.87    | -999.25 |
| 1867.2048 | 61.59 | 55.92 | -999.25 | -999.25 | 0.72    |
| 1867.3572 | 32.36 | 48.86 | 98.23   | 0.90    | -999.25 |
| 1867.5096 | 33.59 | 49.13 | 99.44   | -999.25 | 0.87    |
| 1867.6620 | 37.70 | 46.16 | -999.25 | -999.25 | -999.25 |
| 1867.8144 | 24.55 | 40.51 | -999.25 | 0.88    | -999.25 |
| 1867.9668 | 30.04 | 40.43 | 94.59   | -999.25 | 0.78    |
| 1868.1192 | 42.87 | 38.80 | -999.25 | 0.94    | -999.25 |
| 1868.2716 | 39.16 | 37.97 | -999.25 | -999.25 | 0.85    |
| 1868.4240 | 32.69 | 35.55 | 100.65  | 0.97    | 0.86    |
| 1868.5764 | 23.96 | 31.65 | -999.25 | -999.25 | -999.25 |
| 1868.7288 | 28.61 | 31.37 | 89.74   | 1.05    | -999.25 |
| 1868.8812 | 34.90 | 32.11 | -999.25 | -999.25 | 0.98    |
| 1869.0336 | 27.30 | 30.08 | 82.47   | 1.08    | 0.94    |
| 1869.1860 | 32.58 | 31.27 | -999.25 | -999.25 | -999.25 |
| 1869.3384 | 41.39 | 33.41 | -999.25 | 1.09    | 1.02    |
| 1869.4908 | 47.80 | 33.89 | -999.25 | -999.25 | -999.25 |
| 1869.6432 | 61.57 | 35.07 | 86.11   | 1.06    | -999.25 |
| 1869.7956 | 54.01 | 35.58 | -999.25 | 1.02    | 1.02    |
| 1869.9480 | 49.17 | 37.79 | 93.38   | -999.25 | 0.92    |
| 1870.1004 | 54.24 | 42.65 | -999.25 | 0.97    | -999.25 |
| 1870.2528 | 48.33 | 42.35 | 94.59   | -999.25 | 0.87    |
| 1870.4052 | 42.13 | 44.52 | -999.25 | -999.25 | -999.25 |
| 1870.5576 | 39.33 | 46.79 | -999.25 | 0.98    | 0.82    |
| 1870.7100 | 29.61 | 43.33 | 90.96   | 1.01    | 0.92    |
| 1870.8624 | 16.61 | 34.99 | -999.25 | -999.25 | -999.25 |
| 1871.0148 | 20.34 | 34.81 | 99.44   | 1.06    | -999.25 |
| 1871.1672 | 41.35 | 33.14 | -999.25 | -999.25 | 0.99    |
| 1871.3196 | 31.47 | 31.87 | -999.25 | -999.25 | -999.25 |
| 1871.4720 | 39.26 | 32.05 | 98.23   | 1.04    | -999.25 |
| 1871.6244 | 51.40 | 31.66 | -999.25 | -999.25 | 0.91    |
| 1871.7768 | 51.40 | 32.31 | -999.25 | 1.05    | -999.25 |
| 1871.9292 | 62.28 | 33.28 | 90.96   | -999.25 | 0.94    |
| 1872.0816 | 62.92 | 34.43 | -999.25 | 1.04    | -999.25 |
| 1872.2340 | 80.10 | 38.78 | 86.11   | -999.25 | -999.25 |
| 1872.3864 | 76.58 | 50.99 | -999.25 | -999.25 | 0.99    |
| 1872.5388 | 42.56 | 48.42 | -999.25 | -999.25 | -999.25 |
| 1872.6912 | 57.21 | 54.73 | 80.04   | 0.96    | -999.25 |
| 1872.8436 | 41.02 | 52.15 | -999.25 | -999.25 | 0.92    |
| 1872.9960 | 31.08 | 50.99 | 72.77   | 0.95    | -999.25 |
| 1873.1484 | 44.22 | 50.49 | 78.83   | -999.25 | 0.83    |
| 1873.3008 | 65.99 | 53.33 | 93.38   | 0.91    | -999.25 |
| 1873.4532 | 65.21 | 50.86 | -999.25 | -999.25 | 0.83    |
| 1873.6056 | 30.56 | 45.21 | -999.25 | -999.25 | -999.25 |
| 1873.7580 | 36.45 | 44.15 | -999.25 | 0.90    | -999.25 |
| 1873.9104 | 56.60 | 43.40 | 97.02   | -999.25 | 0.78    |
| 1874.0628 | 39.41 | 43.43 | 93.38   | 0.94    | -999.25 |
| 1874.2152 | 40.85 | 40.91 | -999.25 | -999.25 | 0.85    |
| 1874.3676 | 51.40 | 45.37 | -999.25 | -999.25 | -999.25 |
| 1874.5200 | 66.20 | 47.56 | 90.96   | 0.98    | -999.25 |
| 1874.6724 | 53.49 | 47.04 | -999.25 | -999.25 | 0.82    |
| 1874.8248 | 44.61 | 44.48 | 98.23   | -999.25 | -999.25 |
| 1874.9772 | 77.27 | 48.12 | -999.25 | 1.05    | -999.25 |
| 1875.1296 | 55.14 | 51.12 | 72.77   | -999.25 | 0.98    |
| 1875.2820 | 49.98 | 51.83 | -999.25 | 1.04    | -999.25 |
| 1875.4344 | 62.81 | 52.05 | 88.53   | -999.25 | 0.94    |



|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1857.6036 | 36.45 | 36.83 | -999.25 | -999.25 | -999.25 |
| 1857.7560 | 37.31 | 37.31 | 86.11   | 1.09    | -999.25 |
| 1857.9084 | 47.44 | 39.28 | -999.25 | -999.25 | 1.03    |
| 1858.0608 | 51.49 | 41.39 | 80.04   | 1.11    | -999.25 |
| 1858.2132 | 55.02 | 42.06 | -999.25 | -999.25 | 1.03    |
| 1858.3656 | 49.32 | 45.97 | -999.25 | -999.25 | -999.25 |
| 1858.5180 | 45.60 | 44.52 | 94.59   | 1.08    | -999.25 |
| 1858.6704 | 41.71 | 44.77 | -999.25 | -999.25 | 0.95    |
| 1858.8228 | 47.97 | 45.68 | -999.25 | -999.25 | -999.25 |
| 1858.9752 | 52.11 | 45.59 | -999.25 | 1.08    | 1.02    |
| 1859.1276 | 36.74 | 45.77 | 88.53   | 1.05    | -999.25 |
| 1859.2800 | 49.90 | 48.59 | 95.80   | -999.25 | 1.00    |
| 1859.4324 | 74.31 | 49.20 | -999.25 | 0.92    | -999.25 |
| 1859.5848 | 52.48 | 48.76 | -999.25 | -999.25 | 0.85    |
| 1859.7372 | 53.68 | 48.98 | 89.74   | 0.86    | -999.25 |
| 1859.8896 | 45.81 | 48.03 | -999.25 | -999.25 | -999.25 |
| 1860.0420 | 47.80 | 49.47 | -999.25 | 0.82    | 0.78    |
| 1860.1944 | 40.08 | 47.59 | 94.59   | -999.25 | 0.72    |
| 1860.3468 | 40.83 | 47.75 | -999.25 | 0.81    | -999.25 |
| 1860.4992 | 59.88 | 48.75 | -999.25 | -999.25 | 0.71    |
| 1860.6516 | 54.32 | 52.14 | 103.08  | -999.25 | -999.25 |
| 1860.8040 | 54.86 | 49.62 | -999.25 | 0.92    | -999.25 |
| 1860.9564 | 63.83 | 50.96 | 88.53   | -999.25 | 0.86    |
| 1861.1088 | 58.10 | 50.55 | -999.25 | 0.94    | -999.25 |
| 1861.2612 | 57.90 | 51.68 | 122.47  | -999.25 | 0.82    |
| 1861.4136 | 64.61 | 54.02 | -999.25 | 1.09    | -999.25 |
| 1861.5660 | 51.72 | 52.54 | 98.23   | -999.25 | -999.25 |
| 1861.7184 | 56.21 | 58.54 | -999.25 | -999.25 | 0.98    |
| 1861.8708 | 42.25 | 52.99 | -999.25 | -999.25 | -999.25 |
| 1862.0232 | 40.10 | 53.39 | 99.44   | 1.01    | -999.25 |
| 1862.1756 | 62.95 | 54.45 | -999.25 | -999.25 | 0.87    |
| 1862.3280 | 52.57 | 52.94 | -999.25 | -999.25 | -999.25 |
| 1862.4804 | 41.10 | 49.75 | 103.08  | 0.90    | -999.25 |
| 1862.6328 | 32.80 | 46.42 | -999.25 | -999.25 | 0.74    |
| 1862.7852 | 35.40 | 44.85 | 99.44   | 1.15    | -999.25 |
| 1862.9376 | 48.34 | 44.28 | -999.25 | -999.25 | 1.03    |
| 1863.0900 | 49.01 | 44.43 | -999.25 | -999.25 | -999.25 |
| 1863.2424 | 42.05 | 42.05 | 73.98   | 1.24    | -999.25 |
| 1863.3948 | 40.92 | 44.13 | -999.25 | -999.25 | 1.25    |
| 1863.5472 | 45.81 | 43.18 | -999.25 | -999.25 | -999.25 |
| 1863.6996 | 49.11 | 42.45 | 81.26   | 1.12    | -999.25 |
| 1863.8520 | 62.88 | 44.37 | 90.96   | -999.25 | 1.06    |
| 1864.0044 | 72.48 | 46.62 | -999.25 | 0.98    | -999.25 |
| 1864.1568 | 58.41 | 50.34 | -999.25 | -999.25 | 0.82    |
| 1864.3092 | 52.40 | 50.98 | 86.11   | -999.25 | -999.25 |
| 1864.4616 | 65.61 | 53.26 | -999.25 | 1.04    | 0.99    |
| 1864.6140 | 63.37 | 53.50 | -999.25 | 0.98    | -999.25 |
| 1864.7664 | 66.35 | 58.71 | 104.29  | -999.25 | -999.25 |
| 1864.9188 | 59.71 | 58.29 | -999.25 | -999.25 | 0.99    |
| 1865.0712 | 44.89 | 58.40 | 106.71  | 0.88    | -999.25 |
| 1865.2236 | 43.37 | 56.52 | 107.93  | -999.25 | 0.78    |
| 1865.3760 | 46.09 | 54.70 | -999.25 | -999.25 | -999.25 |
| 1865.5284 | 47.01 | 52.12 | -999.25 | 0.85    | -999.25 |
| 1865.6808 | 41.85 | 50.93 | 109.14  | -999.25 | -999.25 |
| 1865.8332 | 51.43 | 51.92 | 95.80   | 0.97    | 0.71    |
| 1865.9856 | 57.43 | 49.83 | -999.25 | -999.25 | -999.25 |
| 1866.1380 | 48.70 | 49.48 | -999.25 | -999.25 | 0.91    |
| 1866.2904 | 52.45 | 47.92 | 101.87  | 1.02    | -999.25 |
| 1866.4428 | 55.74 | 48.90 | -999.25 | -999.25 | 1.00    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1848.6120 | 51.59 | 52.44 | 95.80   | -999.25 | 0.78    |
| 1848.7644 | 53.72 | 50.36 | -999.25 | -999.25 | -999.25 |
| 1848.9168 | 64.03 | 50.52 | -999.25 | 0.95    | 0.91    |
| 1849.0692 | 62.40 | 51.01 | 86.11   | 0.95    | -999.25 |
| 1849.2216 | 48.33 | 47.45 | 81.26   | -999.25 | 0.87    |
| 1849.3740 | 61.39 | 48.30 | -999.25 | 0.94    | -999.25 |
| 1849.5264 | 70.61 | 50.35 | -999.25 | -999.25 | 0.83    |
| 1849.6788 | 41.45 | 52.84 | 103.08  | -999.25 | -999.25 |
| 1849.8312 | 36.71 | 51.50 | -999.25 | 0.96    | -999.25 |
| 1849.9836 | 34.55 | 48.08 | -999.25 | -999.25 | 0.85    |
| 1850.1360 | 44.98 | 50.03 | -999.25 | 0.98    | -999.25 |
| 1850.2884 | 46.14 | 46.71 | 92.77   | -999.25 | 0.91    |
| 1850.4408 | 36.17 | 44.65 | -999.25 | -999.25 | -999.25 |
| 1850.5932 | 50.80 | 45.16 | 100.65  | 0.92    | -999.25 |
| 1850.7456 | 67.56 | 47.13 | -999.25 | -999.25 | 0.87    |
| 1850.8980 | 69.66 | 45.97 | 88.53   | -999.25 | -999.25 |
| 1851.0504 | 70.78 | 47.15 | 103.08  | 0.91    | -999.25 |
| 1851.2028 | 72.13 | 50.75 | -999.25 | -999.25 | 0.80    |
| 1851.3552 | 68.52 | 53.53 | 97.02   | 0.95    | -999.25 |
| 1851.5076 | 58.63 | 57.71 | 98.23   | -999.25 | 0.79    |
| 1851.6600 | 50.65 | 54.99 | 98.23   | 1.09    | -999.25 |
| 1851.8124 | 46.12 | 57.71 | -999.25 | -999.25 | 0.92    |
| 1851.9648 | 40.53 | 56.86 | 88.53   | -999.25 | -999.25 |
| 1852.1172 | 43.09 | 55.45 | -999.25 | 1.22    | -999.25 |
| 1852.2696 | 45.97 | 52.69 | 80.04   | -999.25 | 1.17    |
| 1852.4220 | 45.08 | 51.03 | -999.25 | 1.17    | -999.25 |
| 1852.5744 | 61.72 | 51.56 | 84.89   | -999.25 | 1.09    |
| 1852.7268 | 54.89 | 48.85 | -999.25 | 1.04    | -999.25 |
| 1852.8792 | 36.37 | 45.51 | 87.32   | -999.25 | 0.98    |
| 1853.0316 | 36.47 | 44.36 | -999.25 | -999.25 | -999.25 |
| 1853.1840 | 40.01 | 43.43 | -999.25 | 0.91    | -999.25 |
| 1853.3364 | 33.28 | 41.30 | 105.50  | -999.25 | 0.83    |
| 1853.4888 | 37.40 | 42.67 | 83.68   | 0.89    | 0.79    |
| 1853.6412 | 54.40 | 43.01 | 95.80   | 0.83    | -999.25 |
| 1853.7936 | 46.24 | 42.71 | 95.80   | -999.25 | 0.74    |
| 1853.9460 | 48.25 | 43.55 | 101.87  | 0.84    | -999.25 |
| 1854.0984 | 50.18 | 41.40 | -999.25 | -999.25 | 0.75    |
| 1854.2508 | 47.57 | 42.52 | 87.32   | 0.85    | 0.79    |
| 1854.4032 | 44.40 | 43.17 | -999.25 | 0.86    | -999.25 |
| 1854.5556 | 33.28 | 41.59 | 97.02   | -999.25 | 0.78    |
| 1854.7080 | 31.05 | 40.64 | -999.25 | 0.87    | 0.78    |
| 1854.8604 | 37.85 | 42.88 | -999.25 | 0.88    | -999.25 |
| 1855.0128 | 47.48 | 42.61 | 99.44   | 0.89    | 0.80    |
| 1855.1652 | 54.24 | 42.86 | -999.25 | -999.25 | 0.83    |
| 1855.3176 | 55.01 | 43.90 | -999.25 | 0.86    | -999.25 |
| 1855.4700 | 51.33 | 43.33 | 92.17   | 0.85    | 0.81    |
| 1855.6224 | 36.67 | 41.24 | -999.25 | -999.25 | 0.75    |
| 1855.7748 | 38.63 | 41.57 | 95.80   | -999.25 | -999.25 |
| 1855.9272 | 52.16 | 42.41 | -999.25 | 0.84    | -999.25 |
| 1856.0796 | 43.85 | 44.24 | 88.53   | -999.25 | 0.79    |
| 1856.2320 | 41.21 | 45.48 | -999.25 | -999.25 | -999.25 |
| 1856.3844 | 33.85 | 43.05 | 110.35  | 0.82    | -999.25 |
| 1856.5368 | 30.66 | 41.15 | -999.25 | -999.25 | 0.74    |
| 1856.6892 | 37.62 | 40.23 | 90.96   | 0.83    | 0.74    |
| 1856.8416 | 30.95 | 36.86 | -999.25 | 0.84    | 0.73    |
| 1856.9940 | 35.09 | 37.51 | 89.74   | 0.90    | 0.74    |
| 1857.1464 | 47.48 | 38.63 | -999.25 | -999.25 | 0.81    |
| 1857.2988 | 42.21 | 38.14 | 86.11   | 0.97    | -999.25 |
| 1857.4512 | 47.15 | 38.03 | -999.25 | -999.25 | 0.86    |

|           |        |       |         |         |         |
|-----------|--------|-------|---------|---------|---------|
| 1839.6204 | 48.33  | 53.00 | -999.25 | 0.88    | -999.25 |
| 1839.7728 | 47.26  | 50.61 | 88.53   | -999.25 | 0.80    |
| 1839.9252 | 39.45  | 48.16 | 98.23   | 0.87    | -999.25 |
| 1840.0776 | 38.93  | 49.39 | -999.25 | -999.25 | 0.77    |
| 1840.2300 | 58.78  | 47.86 | 94.59   | -999.25 | -999.25 |
| 1840.3824 | 57.14  | 49.96 | -999.25 | 0.89    | -999.25 |
| 1840.5348 | 44.20  | 49.09 | -999.25 | 0.90    | 0.80    |
| 1840.6872 | 69.02  | 51.91 | 99.44   | -999.25 | 0.82    |
| 1840.8396 | 58.00  | 48.58 | 99.44   | 0.92    | 0.85    |
| 1840.9920 | 42.53  | 48.85 | -999.25 | -999.25 | -999.25 |
| 1841.1444 | 52.04  | 49.29 | -999.25 | 0.95    | -999.25 |
| 1841.2968 | 63.00  | 51.51 | 112.78  | -999.25 | 0.83    |
| 1841.4492 | 55.54  | 53.13 | -999.25 | 0.96    | -999.25 |
| 1841.6016 | 55.25  | 55.88 | 89.74   | -999.25 | 0.88    |
| 1841.7540 | 41.48  | 49.41 | -999.25 | 0.96    | -999.25 |
| 1841.9064 | 28.70  | 46.81 | 95.80   | -999.25 | 0.86    |
| 1842.0588 | 28.55  | 44.01 | -999.25 | -999.25 | -999.25 |
| 1842.2112 | 28.70  | 39.32 | 98.23   | 0.96    | 0.89    |
| 1842.3636 | 35.15  | 40.06 | -999.25 | 0.95    | -999.25 |
| 1842.5160 | 46.38  | 39.93 | -999.25 | 0.94    | 0.87    |
| 1842.6684 | 66.39  | 41.44 | 105.50  | -999.25 | 0.82    |
| 1842.8208 | 73.50  | 40.67 | -999.25 | -999.25 | -999.25 |
| 1842.9732 | 71.23  | 42.85 | 99.44   | 0.95    | 0.86    |
| 1843.1256 | 63.06  | 41.42 | -999.25 | -999.25 | 0.88    |
| 1843.2780 | 38.69  | 42.22 | 100.65  | 0.96    | -999.25 |
| 1843.4304 | 33.56  | 43.23 | -999.25 | -999.25 | 0.82    |
| 1843.5828 | 44.86  | 47.31 | -999.25 | -999.25 | -999.25 |
| 1843.7352 | 64.80  | 51.95 | 100.65  | 0.97    | 0.92    |
| 1843.8876 | 83.32  | 56.03 | -999.25 | 0.96    | -999.25 |
| 1844.0400 | 74.77  | 56.78 | 90.96   | -999.25 | 0.86    |
| 1844.1924 | 44.47  | 51.73 | -999.25 | -999.25 | -999.25 |
| 1844.3448 | 68.06  | 56.08 | -999.25 | 0.96    | -999.25 |
| 1844.4972 | 142.97 | 55.79 | 109.14  | -999.25 | 0.86    |
| 1844.6496 | 75.80  | 57.81 | -999.25 | 0.97    | -999.25 |
| 1844.8020 | 68.05  | 63.72 | 88.53   | -999.25 | 0.89    |
| 1844.9544 | 74.19  | 71.26 | -999.25 | 1.00    | -999.25 |
| 1845.1068 | 82.36  | 73.19 | -999.25 | -999.25 | 0.90    |
| 1845.2592 | 72.66  | 72.99 | 88.53   | 1.04    | -999.25 |
| 1845.4116 | 70.54  | 70.93 | 77.62   | -999.25 | 0.95    |
| 1845.5640 | 80.85  | 74.08 | -999.25 | -999.25 | -999.25 |
| 1845.7164 | 77.17  | 82.01 | 84.89   | 1.04    | -999.25 |
| 1845.8688 | 46.20  | 67.16 | -999.25 | -999.25 | 0.95    |
| 1846.0212 | 43.00  | 64.74 | 75.20   | 1.00    | -999.25 |
| 1846.1736 | 63.77  | 64.99 | -999.25 | -999.25 | 0.95    |
| 1846.3260 | 57.41  | 62.54 | 76.41   | 0.96    | -999.25 |
| 1846.4784 | 61.67  | 62.76 | -999.25 | -999.25 | 0.81    |
| 1846.6308 | 73.03  | 61.35 | -999.25 | -999.25 | -999.25 |
| 1846.7832 | 57.61  | 60.05 | 99.44   | 1.01    | -999.25 |
| 1846.9356 | 58.43  | 59.21 | -999.25 | -999.25 | 0.91    |
| 1847.0880 | 77.53  | 59.67 | 109.14  | 1.05    | -999.25 |
| 1847.2404 | 95.58  | 61.02 | -999.25 | -999.25 | 0.99    |
| 1847.3928 | 83.34  | 67.43 | -999.25 | -999.25 | -999.25 |
| 1847.5452 | 57.83  | 65.81 | 101.87  | 1.01    | -999.25 |
| 1847.6976 | 70.00  | 68.72 | -999.25 | -999.25 | 0.95    |
| 1847.8500 | 92.59  | 72.09 | -999.25 | -999.25 | -999.25 |
| 1848.0024 | 49.42  | 65.13 | 101.87  | 0.91    | 0.81    |
| 1848.1548 | 30.29  | 56.38 | -999.25 | 0.88    | -999.25 |
| 1848.3072 | 33.95  | 56.26 | 97.02   | -999.25 | -999.25 |
| 1848.4596 | 51.10  | 54.86 | -999.25 | 0.89    | 0.77    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1830.6288 | 63.93 | 61.76 | -999.25 | 0.89    | -999.25 |
| 1830.7812 | 44.77 | 60.28 | 109.14  | -999.25 | 0.77    |
| 1830.9336 | 41.79 | 60.12 | -999.25 | -999.25 | -999.25 |
| 1831.0860 | 50.42 | 61.76 | 93.38   | 0.96    | -999.25 |
| 1831.2384 | 52.82 | 59.51 | -999.25 | -999.25 | -999.25 |
| 1831.3908 | 55.38 | 58.17 | 109.14  | -999.25 | 0.85    |
| 1831.5432 | 41.09 | 51.83 | -999.25 | -999.25 | -999.25 |
| 1831.6956 | 42.57 | 51.09 | 105.50  | 0.97    | -999.25 |
| 1831.8480 | 67.57 | 51.21 | -999.25 | -999.25 | -999.25 |
| 1832.0004 | 61.16 | 49.96 | -999.25 | 0.95    | 0.88    |
| 1832.1528 | 51.27 | 49.26 | -999.25 | -999.25 | 0.85    |
| 1832.3052 | 44.34 | 49.86 | 88.53   | -999.25 | -999.25 |
| 1832.4576 | 45.25 | 50.16 | -999.25 | 0.94    | -999.25 |
| 1832.6100 | 48.74 | 49.52 | 100.65  | -999.25 | 0.89    |
| 1832.7624 | 44.46 | 48.43 | 105.50  | -999.25 | -999.25 |
| 1832.9148 | 49.37 | 48.47 | -999.25 | 0.97    | -999.25 |
| 1833.0672 | 54.44 | 51.41 | -999.25 | -999.25 | -999.25 |
| 1833.2196 | 46.62 | 49.44 | 94.59   | -999.25 | 0.88    |
| 1833.3720 | 47.32 | 48.26 | 103.08  | 0.97    | -999.25 |
| 1833.5244 | 53.54 | 48.33 | -999.25 | -999.25 | -999.25 |
| 1833.6768 | 63.28 | 50.05 | -999.25 | -999.25 | 0.83    |
| 1833.8292 | 61.93 | 51.52 | 105.50  | 1.02    | -999.25 |
| 1833.9816 | 52.43 | 51.62 | -999.25 | -999.25 | 1.03    |
| 1834.1340 | 46.93 | 51.10 | -999.25 | -999.25 | -999.25 |
| 1834.2864 | 54.04 | 53.83 | -999.25 | 0.96    | 0.85    |
| 1834.4388 | 58.88 | 52.87 | 112.78  | 0.91    | -999.25 |
| 1834.5912 | 51.41 | 53.21 | -999.25 | -999.25 | 0.79    |
| 1834.7436 | 64.96 | 56.49 | 104.29  | 0.91    | -999.25 |
| 1834.8960 | 66.69 | 56.93 | -999.25 | -999.25 | -999.25 |
| 1835.0484 | 62.80 | 58.30 | 111.56  | -999.25 | 0.80    |
| 1835.2008 | 61.51 | 56.64 | -999.25 | -999.25 | -999.25 |
| 1835.3532 | 58.29 | 57.63 | 94.59   | 0.97    | -999.25 |
| 1835.5056 | 70.09 | 59.90 | -999.25 | -999.25 | 0.89    |
| 1835.6580 | 54.98 | 59.78 | 100.65  | 0.97    | -999.25 |
| 1835.8104 | 50.74 | 59.05 | -999.25 | -999.25 | 0.91    |
| 1835.9628 | 60.67 | 60.14 | 98.23   | 0.95    | 0.85    |
| 1836.1152 | 60.79 | 61.22 | -999.25 | -999.25 | -999.25 |
| 1836.2676 | 56.53 | 58.52 | 89.74   | 0.91    | -999.25 |
| 1836.4200 | 51.79 | 58.14 | -999.25 | 0.89    | 0.82    |
| 1836.5724 | 52.92 | 56.55 | 94.59   | -999.25 | 0.81    |
| 1836.7248 | 62.51 | 58.32 | -999.25 | -999.25 | -999.25 |
| 1836.8772 | 57.52 | 56.41 | 98.23   | 0.88    | -999.25 |
| 1837.0296 | 56.34 | 56.04 | -999.25 | -999.25 | 0.79    |
| 1837.1820 | 50.48 | 55.39 | -999.25 | -999.25 | -999.25 |
| 1837.3344 | 41.77 | 53.51 | 105.50  | -999.25 | -999.25 |
| 1837.4868 | 45.03 | 52.09 | 97.02   | 0.88    | -999.25 |
| 1837.6392 | 58.13 | 53.08 | 101.87  | -999.25 | 0.79    |
| 1837.7916 | 57.82 | 52.31 | -999.25 | 0.89    | -999.25 |
| 1837.9440 | 59.84 | 54.59 | -999.25 | -999.25 | 0.79    |
| 1838.0964 | 63.35 | 54.07 | 99.44   | 0.92    | -999.25 |
| 1838.2488 | 61.06 | 54.36 | -999.25 | -999.25 | 0.85    |
| 1838.4012 | 63.01 | 54.96 | 90.96   | -999.25 | -999.25 |
| 1838.5536 | 43.02 | 51.29 | -999.25 | 0.92    | 0.86    |
| 1838.7060 | 61.11 | 57.13 | 88.53   | -999.25 | -999.25 |
| 1838.8584 | 53.59 | 54.23 | -999.25 | 0.91    | 0.85    |
| 1839.0108 | 39.63 | 55.22 | 94.59   | 0.89    | -999.25 |
| 1839.1632 | 54.84 | 53.63 | -999.25 | -999.25 | 0.80    |
| 1839.3156 | 61.82 | 55.91 | 90.96   | -999.25 | -999.25 |
| 1839.4680 | 57.18 | 53.19 | 111.56  | 0.89    | 0.77    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1821.6372 | 74.49 | 62.57 | -999.25 | -999.25 | -999.25 |
| 1821.7896 | 73.62 | 62.96 | 98.23   | 0.76    | -999.25 |
| 1821.9420 | 67.44 | 65.66 | -999.25 | -999.25 | 0.74    |
| 1822.0944 | 65.85 | 66.49 | 92.17   | -999.25 | -999.25 |
| 1822.2468 | 68.66 | 70.94 | -999.25 | 0.79    | -999.25 |
| 1822.3992 | 58.47 | 68.51 | -999.25 | -999.25 | 0.75    |
| 1822.5516 | 55.90 | 66.83 | 88.53   | 0.73    | -999.25 |
| 1822.7040 | 59.88 | 65.30 | -999.25 | -999.25 | 0.68    |
| 1822.8564 | 47.84 | 61.27 | 92.17   | -999.25 | -999.25 |
| 1823.0088 | 50.16 | 60.60 | -999.25 | 0.68    | 0.61    |
| 1823.1612 | 50.51 | 56.83 | 94.59   | -999.25 | -999.25 |
| 1823.3136 | 50.55 | 56.36 | -999.25 | -999.25 | -999.25 |
| 1823.4660 | 64.75 | 56.43 | -999.25 | 0.66    | -999.25 |
| 1823.6184 | 64.50 | 56.16 | 89.74   | 0.87    | 0.55    |
| 1823.7708 | 49.26 | 53.00 | -999.25 | -999.25 | -999.25 |
| 1823.9232 | 44.81 | 53.06 | 92.17   | -999.25 | 0.67    |
| 1824.0756 | 47.47 | 51.28 | -999.25 | 1.09    | -999.25 |
| 1824.2280 | 53.64 | 51.98 | -999.25 | -999.25 | 1.12    |
| 1824.3804 | 53.19 | 52.41 | 78.83   | -999.25 | -999.25 |
| 1824.5328 | 52.03 | 52.37 | -999.25 | 1.14    | -999.25 |
| 1824.6852 | 61.24 | 54.38 | 92.17   | -999.25 | 1.07    |
| 1824.8376 | 46.91 | 51.54 | 75.20   | -999.25 | -999.25 |
| 1824.9900 | 41.29 | 49.65 | -999.25 | 1.01    | 0.96    |
| 1825.1424 | 55.07 | 50.17 | 97.02   | -999.25 | -999.25 |
| 1825.2948 | 56.45 | 50.96 | -999.25 | 0.91    | -999.25 |
| 1825.4472 | 41.73 | 49.36 | 94.59   | -999.25 | 0.79    |
| 1825.5996 | 49.45 | 51.40 | -999.25 | -999.25 | -999.25 |
| 1825.7520 | 61.69 | 50.57 | -999.25 | 0.85    | -999.25 |
| 1825.9044 | 49.00 | 50.56 | -999.25 | 0.95    | 0.70    |
| 1826.0568 | 55.75 | 51.24 | 87.32   | -999.25 | 0.82    |
| 1826.2092 | 66.31 | 51.21 | 83.68   | 1.01    | -999.25 |
| 1826.3616 | 64.66 | 54.51 | -999.25 | -999.25 | 1.07    |
| 1826.5140 | 76.36 | 57.79 | 87.32   | -999.25 | -999.25 |
| 1826.6664 | 51.34 | 53.73 | -999.25 | 0.88    | -999.25 |
| 1826.8188 | 49.14 | 56.08 | -999.25 | -999.25 | 0.73    |
| 1826.9712 | 57.85 | 57.89 | -999.25 | 0.91    | -999.25 |
| 1827.1236 | 43.55 | 54.41 | 97.02   | -999.25 | 0.83    |
| 1827.2760 | 42.82 | 53.47 | -999.25 | -999.25 | -999.25 |
| 1827.4284 | 47.49 | 54.03 | -999.25 | 0.97    | -999.25 |
| 1827.5808 | 51.66 | 52.67 | 89.74   | -999.25 | 0.81    |
| 1827.7332 | 53.94 | 52.08 | -999.25 | 1.08    | -999.25 |
| 1827.8856 | 50.87 | 50.44 | -999.25 | -999.25 | 1.05    |
| 1828.0380 | 50.34 | 48.65 | 93.38   | 0.92    | 1.04    |
| 1828.1904 | 45.63 | 49.23 | -999.25 | -999.25 | -999.25 |
| 1828.3428 | 44.39 | 47.64 | -999.25 | 1.08    | 0.96    |
| 1828.4952 | 50.70 | 48.07 | -999.25 | 1.06    | -999.25 |
| 1828.6476 | 41.38 | 47.10 | -999.25 | -999.25 | 1.00    |
| 1828.8000 | 30.63 | 44.13 | 90.96   | -999.25 | -999.25 |
| 1828.9524 | 28.97 | 41.80 | 99.44   | -999.25 | -999.25 |
| 1829.1048 | 36.12 | 41.11 | -999.25 | 0.95    | -999.25 |
| 1829.2572 | 43.82 | 40.36 | 113.99  | -999.25 | 0.86    |
| 1829.4096 | 46.03 | 40.42 | -999.25 | 0.94    | 0.83    |
| 1829.5620 | 45.82 | 39.73 | -999.25 | 0.96    | -999.25 |
| 1829.7144 | 55.32 | 41.71 | -999.25 | -999.25 | 0.82    |
| 1829.8668 | 76.51 | 42.96 | 97.02   | -999.25 | -999.25 |
| 1830.0192 | 84.13 | 44.63 | -999.25 | -999.25 | -999.25 |
| 1830.1716 | 86.41 | 48.17 | -999.25 | 0.88    | -999.25 |
| 1830.3240 | 73.36 | 53.76 | 106.71  | -999.25 | -999.25 |
| 1830.4764 | 70.69 | 59.93 | -999.25 | -999.25 | 0.78    |

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| 1812.7980 | 51.11   | 38.73   | -999.25 | 0.77    | -999.25 |
| 1812.9504 | 42.96   | 40.36   | 88.53   | -999.25 | 0.71    |
| 1813.1028 | 48.95   | 42.09   | -999.25 | 0.80    | -999.25 |
| 1813.2552 | 42.14   | 42.51   | -999.25 | -999.25 | 0.71    |
| 1813.4076 | 41.02   | 42.32   | -999.25 | -999.25 | -999.25 |
| 1813.5600 | 45.59   | 43.78   | 103.08  | 0.84    | -999.25 |
| 1813.7124 | 58.95   | 43.87   | -999.25 | -999.25 | 0.78    |
| 1813.8648 | 22.59   | 35.69   | 84.89   | 0.82    | -999.25 |
| 1814.0172 | 19.95   | 38.03   | -999.25 | -999.25 | 0.75    |
| 1814.1696 | 38.63   | 35.95   | 95.80   | 0.81    | -999.25 |
| 1814.3220 | 57.45   | 38.67   | -999.25 | -999.25 | 0.75    |
| 1814.4744 | 65.22   | 38.13   | -999.25 | -999.25 | -999.25 |
| 1814.6268 | 45.77   | 38.25   | 94.59   | 0.80    | 0.72    |
| 1814.7792 | 48.34   | 39.03   | -999.25 | 0.78    | 0.68    |
| 1814.9316 | 73.61   | 41.69   | 90.96   | -999.25 | -999.25 |
| 1815.0840 | 71.40   | 41.61   | -999.25 | 0.78    | 0.68    |
| 1815.2364 | 67.73   | 42.47   | 99.44   | 0.89    | -999.25 |
| 1815.3888 | 60.52   | 54      |         |         |         |
| .09       | -999.25 | -999.25 | 0.81    |         |         |
| 1815.5412 | 47.88   | 56.50   | -999.25 | 0.95    | -999.25 |
| 1815.6936 | 60.89   | 60.26   | 75.20   | -999.25 | 0.94    |
| 1815.8460 | 67.22   | 58.17   | -999.25 | -999.25 | -999.25 |
| 1815.9984 | 56.42   | 58.57   | 82.47   | 0.83    | -999.25 |
| 1816.1508 | 49.82   | 59.39   | -999.25 | -999.25 | 0.82    |
| 1816.3032 | 64.25   | 62.31   | 81.26   | -999.25 | -999.25 |
| 1816.4556 | 89.16   | 61.12   | -999.25 | -999.25 | -999.25 |
| 1816.6080 | 66.69   | 61.55   | -999.25 | 0.73    | -999.25 |
| 1816.7604 | 65.05   | 60.66   | 88.53   | -999.25 | -999.25 |
| 1816.9128 | 69.14   | 63.16   | -999.25 | 0.72    | 0.66    |
| 1817.0652 | 53.68   | 62.37   | 97.02   | -999.25 | 0.64    |
| 1817.2176 | 53.82   | 61.48   | -999.25 | 0.80    | -999.25 |
| 1817.3700 | 56.07   | 60.15   | 97.02   | -999.25 | 0.72    |
| 1817.5224 | 67.70   | 63.80   | -999.25 | -999.25 | -999.25 |
| 1817.6748 | 71.81   | 64.95   | -999.25 | 0.78    | -999.25 |
| 1817.8272 | 57.15   | 62.26   | -999.25 | -999.25 | 0.73    |
| 1817.9796 | 48.07   | 57.76   | 103.08  | 0.75    | -999.25 |
| 1818.1320 | 76.16   | 63.74   | -999.25 | -999.25 | 0.68    |
| 1818.2844 | 86.28   | 60.40   | 92.17   | 0.72    | -999.25 |
| 1818.4368 | 65.72   | 63.14   | -999.25 | -999.25 | 0.67    |
| 1818.5892 | 63.88   | 62.65   | -999.25 | -999.25 | -999.25 |
| 1818.7416 | 50.05   | 62.04   | 95.80   | 0.69    | -999.25 |
| 1818.8940 | 66.77   | 64.97   | -999.25 | -999.25 | 0.62    |
| 1819.0464 | 71.42   | 62.64   | -999.25 | 0.69    | -999.25 |
| 1819.1988 | 84.65   | 66.81   | 89.74   | -999.25 | 0.62    |
| 1819.3512 | 87.48   | 67.79   | -999.25 | 0.69    | -999.25 |
| 1819.5036 | 72.20   | 73.65   | 88.53   | -999.25 | 0.65    |
| 1819.6560 | 80.60   | 68.46   | -999.25 | -999.25 | -999.25 |
| 1819.8084 | 63.26   | 69.34   | -999.25 | 0.64    | -999.25 |
| 1819.9608 | 48.29   | 63.67   | 101.87  | -999.25 | 0.60    |
| 1820.1132 | 42.26   | 62.41   | -999.25 | 0.61    | -999.25 |
| 1820.2656 | 47.47   | 62.80   | 80.04   | -999.25 | 0.56    |
| 1820.4180 | 53.81   | 59.72   | -999.25 | 0.58    | -999.25 |
| 1820.5704 | 51.53   | 58.81   | -999.25 | -999.25 | -999.25 |
| 1820.7228 | 49.41   | 54.26   | 97.02   | -999.25 | 0.53    |
| 1820.8752 | 51.78   | 53.82   | -999.25 | -999.25 | -999.25 |
| 1821.0276 | 73.78   | 54.44   | 86.11   | 0.58    | -999.25 |
| 1821.1800 | 76.25   | 53.41   | -999.25 | -999.25 | 0.52    |
| 1821.3324 | 70.89   | 55.47   | -999.25 | 0.64    | -999.25 |
| 1821.4848 | 71.44   | 57.54   | 88.53   | -999.25 | 0.52    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1803.8064 | 62.35 | 41.75 | 83.68   | -999.25 | -999.25 |
| 1803.9588 | 61.08 | 44.59 | -999.25 | 0.75    | -999.25 |
| 1804.1112 | 58.00 | 47.55 | 94.59   | -999.25 | 0.71    |
| 1804.2636 | 42.88 | 49.12 | -999.25 | 0.73    | -999.25 |
| 1804.4160 | 47.30 | 51.56 | -999.25 | -999.25 | 0.69    |
| 1804.5684 | 56.14 | 51.45 | -999.25 | 0.71    | -999.25 |
| 1804.7208 | 38.98 | 49.55 | -999.25 | -999.25 | -999.25 |
| 1804.8732 | 36.91 | 48.67 | 90.96   | -999.25 | 0.63    |
| 1805.0256 | 49.26 | 49.81 | -999.25 | -999.25 | -999.25 |
| 1805.1780 | 56.43 | 48.87 | 95.80   | -999.25 | -999.25 |
| 1805.3304 | 45.95 | 47.13 | -999.25 | 0.73    | -999.25 |
| 1805.4828 | 40.16 | 45.11 | -999.25 | -999.25 | 0.66    |
| 1805.6352 | 44.41 | 44.89 | 94.59   | 0.74    | -999.25 |
| 1805.7876 | 54.96 | 47.29 | -999.25 | -999.25 | -999.25 |
| 1805.9400 | 59.45 | 46.70 | -999.25 | -999.25 | 0.66    |
| 1806.0924 | 40.67 | 44.45 | 107.93  | 0.80    | -999.25 |
| 1806.2448 | 37.08 | 46.14 | -999.25 | -999.25 | 0.68    |
| 1806.3972 | 41.46 | 45.65 | 86.11   | -999.25 | -999.25 |
| 1806.5496 | 42.73 | 44.86 | -999.25 | 0.96    | -999.25 |
| 1806.7020 | 40.93 | 43.02 | 81.26   | -999.25 | 0.92    |
| 1806.8544 | 46.33 | 44.93 | -999.25 | 1.00    | -999.25 |
| 1807.0068 | 55.89 | 45.78 | -999.25 | -999.25 | 0.98    |
| 1807.1592 | 47.69 | 45.56 | 89.74   | 0.87    | -999.25 |
| 1807.3116 | 31.27 | 40.65 | -999.25 | -999.25 | -999.25 |
| 1807.4640 | 28.68 | 39.13 | 86.11   | -999.25 | 0.83    |
| 1807.6164 | 32.73 | 38.77 | -999.25 | -999.25 | -999.25 |
| 1807.7688 | 34.04 | 38.40 | 100.65  | -999.25 | -999.25 |
| 1807.9212 | 35.78 | 37.65 | -999.25 | 0.83    | -999.25 |
| 1808.0736 | 38.43 | 37.65 | -999.25 | -999.25 | 0.64    |
| 1808.2260 | 40.07 | 37.50 | 87.32   | 1.02    | -999.25 |
| 1808.3784 | 35.79 | 35.93 | -999.25 | -999.25 | 1.02    |
| 1808.5308 | 40.18 | 35.63 | 81.26   | -999.25 | -999.25 |
| 1808.6832 | 43.72 | 35.44 | -999.25 | 1.04    | -999.25 |
| 1808.8356 | 43.04 | 38.00 | 80.04   | -999.25 | 1.05    |
| 1808.9880 | 36.98 | 37.52 | -999.25 | -999.25 | -999.25 |
| 1809.1404 | 38.27 | 39.32 | -999.25 | 0.80    | -999.25 |
| 1809.2928 | 47.49 | 40.02 | -999.25 | -999.25 | 0.69    |
| 1809.4452 | 49.72 | 41.90 | 87.32   | 0.71    | -999.25 |
| 1809.5976 | 38.36 | 40.01 | -999.25 | -999.25 | 0.61    |
| 1809.7500 | 36.77 | 41.13 | 90.96   | 0.71    | -999.25 |
| 1809.9024 | 38.41 | 40.62 | -999.25 | -999.25 | 0.61    |
| 1810.0548 | 36.11 | 40.20 | 88.53   | -999.25 | -999.25 |
| 1810.2072 | 36.59 | 39.20 | -999.25 | 0.80    | -999.25 |
| 1810.3596 | 35.85 | 38.75 | -999.25 | -999.25 | 0.77    |
| 1810.5120 | 43.89 | 40.56 | 105.50  | 0.82    | -999.25 |
| 1810.6644 | 47.33 | 40.32 | -999.25 | -999.25 | 0.75    |
| 1810.8168 | 46.25 | 40.37 | 99.44   | 0.84    | -999.25 |
| 1810.9692 | 35.24 | 37.80 | -999.25 | -999.25 | 0.78    |
| 1811.1216 | 27.72 | 37.36 | 100.65  | -999.25 | -999.25 |
| 1811.2740 | 26.82 | 35.12 | -999.25 | 0.75    | -999.25 |
| 1811.4264 | 30.84 | 35.66 | 107.93  | -999.25 | 0.68    |
| 1811.5788 | 32.54 | 34.38 | 101.87  | 0.70    | -999.25 |
| 1811.7312 | 33.34 | 34.99 | -999.25 | -999.25 | 0.62    |
| 1811.8836 | 39.96 | 35.08 | 109.14  | 0.69    | -999.25 |
| 1812.0360 | 39.45 | 34.37 | -999.25 | -999.25 | 0.62    |
| 1812.1884 | 47.28 | 35.07 | 105.50  | -999.25 | -999.25 |
| 1812.3408 | 54.43 | 35.16 | -999.25 | -999.25 | -999.25 |
| 1812.4932 | 30.65 | 34.06 | 81.26   | 0.73    | -999.25 |
| 1812.6456 | 37.20 | 37.59 | -999.25 | -999.25 | 0.65    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1794.8148 | 47.16 | 49.80 | -999.25 | -999.25 | 0.87    |
| 1794.9672 | 51.79 | 49.55 | 86.11   | 1.01    | 0.85    |
| 1795.1196 | 53.24 | 49.59 | -999.25 | 1.11    | -999.25 |
| 1795.2720 | 45.94 | 50.51 | 77.62   | -999.25 | 1.14    |
| 1795.4244 | 58.09 | 53.28 | -999.25 | -999.25 | -999.25 |
| 1795.5768 | 58.24 | 50.40 | 83.68   | 1.09    | -999.25 |
| 1795.7292 | 54.31 | 51.08 | -999.25 | 1.02    | 1.02    |
| 1795.8816 | 70.03 | 53.47 | 97.02   | -999.25 | 1.03    |
| 1796.0340 | 60.67 | 54.29 | -999.25 | 0.95    | -999.25 |
| 1796.1864 | 58.50 | 55.79 | 89.74   | -999.25 | 0.86    |
| 1796.3388 | 58.71 | 56.86 | -999.25 | 0.85    | -999.25 |
| 1796.4912 | 57.42 | 56.99 | 93.38   | 0.86    | 0.75    |
| 1796.6436 | 50.54 | 56.22 | -999.25 | -999.25 | 0.71    |
| 1796.7960 | 39.62 | 54.82 | 90.35   | 1.00    | -999.25 |
| 1796.9484 | 34.49 | 49.65 | 81.26   | -999.25 | 0.90    |
| 1797.1008 | 33.12 | 47.97 | -999.25 | 1.09    | -999.25 |
| 1797.2532 | 29.98 | 43.23 | 72.77   | -999.25 | 1.17    |
| 1797.4056 | 36.19 | 42.52 | -999.25 | 1.08    | 1.07    |
| 1797.5580 | 54.50 | 42.55 | -999.25 | 1.01    | -999.25 |
| 1797.7104 | 55.19 | 42.16 | 78.83   | -999.25 | 0.89    |
| 1797.8628 | 47.44 | 41.13 | -999.25 | 1.00    | 0.86    |
| 1798.0152 | 34.20 | 38.34 | -999.25 | 1.00    | -999.25 |
| 1798.1676 | 29.73 | 36.93 | -999.25 | -999.25 | 0.94    |
| 1798.3200 | 38.10 | 38.04 | 86.11   | 0.97    | -999.25 |
| 1798.4724 | 50.06 | 39.56 | 93.38   | -999.25 | 0.88    |
| 1798.6248 | 48.47 | 41.03 | -999.25 | 0.92    | -999.25 |
| 1798.7772 | 52.97 | 44.68 | -999.25 | -999.25 | -999.25 |
| 1798.9296 | 61.78 | 45.28 | 88.53   | 0.87    | 0.90    |
| 1799.0820 | 51.63 | 44.27 | -999.25 | -999.25 | 0.79    |
| 1799.2344 | 46.79 | 43.99 | -999.25 | 0.76    | -999.25 |
| 1799.3868 | 49.50 | 44.62 | -999.25 | -999.25 | 0.71    |
| 1799.5392 | 47.02 | 47.30 | 97.02   | 0.72    | -999.25 |
| 1799.6916 | 47.37 | 50.23 | -999.25 | -999.25 | -999.25 |
| 1799.8440 | 42.92 | 48.66 | -999.25 | -999.25 | 0.62    |
| 1799.9964 | 41.09 | 48.12 | 90.96   | 1.00    | 0.78    |
| 1800.1488 | 48.98 | 48.76 | -999.25 | 0.77    | 0.70    |
| 1800.3012 | 58.28 | 48.94 | 80.04   | 0.80    | -999.25 |
| 1800.4536 | 56.05 | 47.99 | -999.25 | -999.25 | 0.74    |
| 1800.6060 | 41.84 | 46.86 | -999.25 | -999.25 | -999.25 |
| 1800.7584 | 43.78 | 47.32 | -999.25 | 0.85    | 0.75    |
| 1800.9108 | 50.81 | 47.09 | 81.26   | -999.25 | -999.25 |
| 1801.0632 | 44.81 | 46.85 | -999.25 | -999.25 | -999.25 |
| 1801.2156 | 43.36 | 46.24 | 78.83   | -999.25 | -999.25 |
| 1801.3680 | 38.37 | 45.67 | -999.25 | 0.95    | -999.25 |
| 1801.5204 | 26.81 | 41.29 | -999.25 | 0.94    | 0.88    |
| 1801.6728 | 27.65 | 39.93 | 82.47   | -999.25 | -999.25 |
| 1801.8252 | 37.02 | 38.18 | -999.25 | -999.25 | 0.89    |
| 1801.9776 | 36.09 | 37.01 | -999.25 | 0.81    | -999.25 |
| 1802.1300 | 36.36 | 37.16 | -999.25 | -999.25 | 0.71    |
| 1802.2824 | 38.06 | 36.09 | 90.96   | -999.25 | -999.25 |
| 1802.4348 | 36.73 | 35.19 | -999.25 | -999.25 | -999.25 |
| 1802.5872 | 31.42 | 33.78 | -999.25 | 1.09    | -999.25 |
| 1802.7396 | 29.71 | 32.74 | 90.96   | -999.25 | 1.21    |
| 1802.8920 | 34.09 | 33.04 | 66.71   | 1.09    | -999.25 |
| 1803.0444 | 44.57 | 36.27 | -999.25 | -999.25 | -999.25 |
| 1803.1968 | 46.06 | 36.53 | -999.25 | -999.25 | 1.07    |
| 1803.3492 | 46.45 | 37.78 | -999.25 | 0.91    | -999.25 |
| 1803.5016 | 47.99 | 38.47 | 77.62   | -999.25 | 0.89    |
| 1803.6540 | 55.11 | 40.65 | -999.25 | -999.25 | -999.25 |



|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1785.8232 | 38.80 | 24.54 | -999.25 | -999.25 | -999.25 |
| 1785.9756 | 39.63 | 26.60 | -999.25 | 1.17    | 1.16    |
| 1786.1280 | 36.14 | 27.20 | 82.47   | 1.09    | -999.25 |
| 1786.2804 | 39.00 | 30.53 | 81.26   | -999.25 | 1.16    |
| 1786.4328 | 57.86 | 38.14 | -999.25 | 1.00    | -999.25 |
| 1786.5852 | 50.73 | 38.54 | -999.25 | -999.25 | 0.88    |
| 1786.7376 | 41.67 | 38.78 | 83.68   | -999.25 | -999.25 |
| 1786.8900 | 38.84 | 40.68 | -999.25 | 0.90    | -999.25 |
| 1787.0424 | 50.69 | 43.69 | -999.25 | -999.25 | 0.82    |
| 1787.1948 | 50.13 | 43.00 | 97.02   | 0.88    | 0.78    |
| 1787.3472 | 40.29 | 44.06 | -999.25 | -999.25 | -999.25 |
| 1787.4996 | 44.02 | 43.95 | 97.02   | 0.88    | 0.74    |
| 1787.6520 | 52.08 | 47.61 | -999.25 | 0.97    | -999.25 |
| 1787.8044 | 40.73 | 44.37 | 88.53   | 1.06    | 0.78    |
| 1787.9568 | 26.99 | 40.07 | -999.25 | -999.25 | 0.98    |
| 1788.1092 | 27.68 | 38.73 | -999.25 | 1.22    | -999.25 |
| 1788.2616 | 29.00 | 36.96 | 67.92   | -999.25 | 1.28    |
| 1788.4140 | 36.30 | 38.20 | 77.62   | 1.14    | 1.21    |
| 1788.5664 | 36.79 | 35.03 | -999.25 | 1.06    | -999.25 |
| 1788.7188 | 26.13 | 33.51 | 83.68   | -999.25 | 0.96    |
| 1788.8712 | 34.77 | 34.09 | -999.25 | 0.92    | 0.89    |
| 1789.0236 | 45.21 | 33.64 | -999.25 | -999.25 | -999.25 |
| 1789.1760 | 42.69 | 33.13 | 87.32   | 0.80    | -999.25 |
| 1789.3284 | 57.86 | 35.37 | 94.59   | -999.25 | 0.70    |
| 1789.4808 | 73.75 | 39.24 | -999.25 | 0.80    | 0.73    |
| 1789.6332 | 68.73 | 41.75 | 88.53   | -999.25 | -999.25 |
| 1789.7856 | 55.24 | 45.03 | -999.25 | 0.82    | -999.25 |
| 1789.9380 | 44.43 | 43.58 | -999.25 | -999.25 | 0.78    |
| 1790.0904 | 33.89 | 44.11 | 101.87  | -999.25 | -999.25 |
| 1790.2428 | 30.12 | 45.59 | 95.80   | -999.25 | -999.25 |
| 1790.3952 | 24.65 | 39.95 | 81.26   | 0.80    | 0.71    |
| 1790.5476 | 19.06 | 35.71 | -999.25 | 0.77    | -999.25 |
| 1790.7000 | 24.98 | 35.27 | 99.44   | -999.25 | 0.69    |
| 1790.8524 | 35.27 | 33.09 | -999.25 | 0.75    | -999.25 |
| 1791.0048 | 34.16 | 31.75 | 98.23   | -999.25 | 0.69    |
| 1791.1572 | 35.95 | 30.42 | 105.50  | 0.75    | -999.25 |
| 1791.3096 | 39.48 | 30.36 | -999.25 | -999.25 | -999.25 |
| 1791.4620 | 52.17 | 31.05 | -999.25 | 0.79    | 0.67    |
| 1791.6144 | 46.95 | 31.95 | 97.02   | -999.25 | 0.72    |
| 1791.7668 | 46.96 | 33.53 | 90.96   | 0.80    | -999.25 |
| 1791.9192 | 42.96 | 35.92 | -999.25 | -999.25 | 0.73    |
| 1792.0716 | 53.24 | 43.32 | 86.11   | -999.25 | -999.25 |
| 1792.2240 | 50.77 | 42.06 | -999.25 | 0.88    | -999.25 |
| 1792.3764 | 29.18 | 41.21 | -999.25 | -999.25 | 0.87    |
| 1792.5288 | 30.73 | 40.94 | 83.68   | 0.88    | 0.85    |
| 1792.6812 | 33.34 | 40.48 | 98.23   | 0.85    | -999.25 |
| 1792.8336 | 28.37 | 37.86 | -999.25 | -999.25 | 0.76    |
| 1792.9860 | 36.50 | 37.96 | 90.96   | -999.25 | -999.25 |
| 1793.1384 | 54.62 | 38.74 | -999.25 | 0.82    | -999.25 |
| 1793.2908 | 55.05 | 38.88 | 99.44   | -999.25 | 0.73    |
| 1793.4432 | 57.72 | 40.61 | 88.53   | 0.81    | 0.75    |
| 1793.5956 | 54.49 | 39.01 | -999.25 | 0.80    | 0.72    |
| 1793.7480 | 42.22 | 39.34 | 103.08  | -999.25 | -999.25 |
| 1793.9004 | 41.33 | 42.34 | -999.25 | 0.76    | 0.68    |
| 1794.0528 | 59.03 | 44.84 | 105.50  | 0.76    | -999.25 |
| 1794.2052 | 69.53 | 48.78 | 94.59   | -999.25 | 0.66    |
| 1794.3576 | 50.04 | 51.95 | -999.25 | 0.82    | 0.73    |
| 1794.5100 | 44.91 | 51.35 | 86.11   | -999.25 | -999.25 |
| 1794.6624 | 47.66 | 50.55 | 73.98   | 0.92    | -999.25 |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1776.8316 | 35.26 | 42.49 | 77.62   | -999.25 | 1.02    |
| 1776.9840 | 35.94 | 41.59 | -999.25 | 1.05    | 1.03    |
| 1777.1364 | 34.14 | 39.29 | 77.62   | -999.25 | -999.25 |
| 1777.2888 | 36.38 | 39.82 | -999.25 | 0.95    | 0.87    |
| 1777.4412 | 37.88 | 39.35 | 84.89   | 0.90    | -999.25 |
| 1777.5936 | 40.05 | 39.52 | -999.25 | -999.25 | 0.80    |
| 1777.7460 | 51.26 | 40.40 | -999.25 | 0.89    | -999.25 |
| 1777.8984 | 55.05 | 41.76 | 95.80   | -999.25 | 0.78    |
| 1778.0508 | 68.71 | 42.33 | -999.25 | -999.25 | -999.25 |
| 1778.2032 | 63.98 | 43.83 | 84.89   | 0.95    | -999.25 |
| 1778.3556 | 69.47 | 48.01 | -999.25 | -999.25 | 0.88    |
| 1778.5080 | 68.43 | 49.57 | 83.68   | 0.95    | 0.91    |
| 1778.6604 | 41.88 | 50.64 | -999.25 | -999.25 | 0.87    |
| 1778.8128 | 36.03 | 49.44 | -999.25 | 0.94    | -999.25 |
| 1778.9652 | 34.21 | 49.23 | -999.25 | -999.25 | 0.81    |
| 1779.1176 | 34.86 | 47.69 | 92.17   | 0.95    | -999.25 |
| 1779.2700 | 54.02 | 49.72 | -999.25 | -999.25 | 0.88    |
| 1779.4224 | 58.02 | 48.11 | 84.89   | 0.89    | -999.25 |
| 1779.5748 | 47.00 | 46.60 | -999.25 | -999.25 | 0.82    |
| 1779.7272 | 47.93 | 45.81 | 93.38   | -999.25 | -999.25 |
| 1779.8796 | 59.45 | 45.57 | -999.25 | 0.88    | -999.25 |
| 1780.0320 | 51.94 | 43.94 | 84.89   | -999.25 | 0.80    |
| 1780.1844 | 41.29 | 45.43 | 76.41   | 0.90    | -999.25 |
| 1780.3368 | 47.36 | 46.66 | -999.25 | -999.25 | 0.78    |
| 1780.4892 | 52.46 | 50.05 | 89.74   | 0.97    | -999.25 |
| 1780.6416 | 49.00 | 50.57 | -999.25 | -999.25 | 0.89    |
| 1780.7940 | 39.50 | 46.86 | -999.25 | -999.25 | -999.25 |
| 1780.9464 | 45.95 | 48.35 | 81.26   | 1.08    | -999.25 |
| 1781.0988 | 47.56 | 46.97 | 90.96   | -999.25 | 1.02    |
| 1781.2512 | 42.91 | 47.24 | 83.68   | 1.05    | -999.25 |
| 1781.4036 | 43.21 | 44.34 | -999.25 | -999.25 | 0.99    |
| 1781.5560 | 41.65 | 45.21 | -999.25 | 1.01    | -999.25 |
| 1781.7084 | 46.38 | 45.41 | 97.02   | -999.25 | 0.89    |
| 1781.8608 | 43.69 | 44.49 | -999.25 | -999.25 | -999.25 |
| 1782.0132 | 42.70 | 43.68 | 87.32   | -999.25 | -999.25 |
| 1782.1656 | 55.96 | 45.52 | -999.25 | 0.91    | -999.25 |
| 1782.3180 | 50.02 | 45.82 | -999.25 | -999.25 | 0.83    |
| 1782.4704 | 34.00 | 42.56 | 82.47   | 0.87    | -999.25 |
| 1782.6228 | 32.73 | 42.14 | -999.25 | -999.25 | 0.78    |
| 1782.7752 | 33.43 | 40.29 | 87.32   | 0.86    | -999.25 |
| 1782.9276 | 35.65 | 40.46 | -999.25 | -999.25 | 0.75    |
| 1783.0800 | 42.88 | 40.52 | 106.71  | 0.92    | -999.25 |
| 1783.2324 | 42.46 | 39.82 | -999.25 | 1.02    | 0.79    |
| 1783.3848 | 43.34 | 40.45 | 82.47   | -999.25 | 0.90    |
| 1783.5372 | 37.34 | 38.78 | -999.25 | 1.12    | -999.25 |
| 1783.6896 | 35.51 | 37.35 | -999.25 | -999.25 | 1.11    |
| 1783.8420 | 32.90 | 35.89 | 73.98   | -999.25 | -999.25 |
| 1783.9944 | 33.64 | 37.26 | 76.41   | 1.11    | 1.00    |
| 1784.1468 | 46.05 | 38.32 | -999.25 | 1.11    | 0.99    |
| 1784.2992 | 38.54 | 38.40 | 73.98   | -999.25 | -999.25 |
| 1784.4516 | 23.05 | 34.29 | -999.25 | 1.04    | 0.96    |
| 1784.6040 | 20.99 | 32.35 | 80.04   | -999.25 | -999.25 |
| 1784.7564 | 20.07 | 29.05 | 83.68   | -999.25 | -999.25 |
| 1784.9088 | 14.29 | 24.82 | 81.26   | 0.90    | 0.80    |
| 1785.0612 | 18.60 | 25.12 | -999.25 | -999.25 | -999.25 |
| 1785.2136 | 38.22 | 25.07 | -999.25 | 0.92    | 0.76    |
| 1785.3660 | 30.71 | 24.85 | 92.17   | -999.25 | -999.25 |
| 1785.5184 | 29.22 | 24.51 | 88.53   | 1.04    | -999.25 |
| 1785.6708 | 37.61 | 24.26 | 87.32   | -999.25 | 0.89    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1767.8400 | 48.01 | 44.15 | 77.62   | 0.97    | -999.25 |
| 1767.9924 | 46.86 | 42.55 | 89.74   | -999.25 | 0.90    |
| 1768.1448 | 49.57 | 43.61 | -999.25 | 0.96    | -999.25 |
| 1768.2972 | 49.01 | 43.93 | 87.32   | -999.25 | 0.87    |
| 1768.4496 | 46.82 | 45.95 | -999.25 | -999.25 | -999.25 |
| 1768.6020 | 39.80 | 43.83 | 90.96   | 0.92    | 0.82    |
| 1768.7544 | 24.92 | 41.35 | 84.89   | 0.91    | 0.83    |
| 1768.9068 | 27.38 | 40.59 | -999.25 | -999.25 | -999.25 |
| 1769.0592 | 43.74 | 39.89 | 92.17   | 0.91    | 0.82    |
| 1769.2116 | 48.86 | 40.37 | -999.25 | -999.25 | -999.25 |
| 1769.3640 | 48.02 | 39.89 | -999.25 | 0.94    | -999.25 |
| 1769.5164 | 48.53 | 40.61 | 88.53   | -999.25 | 0.80    |
| 1769.6688 | 37.04 | 37.83 | 77.62   | 0.98    | 0.83    |
| 1769.8212 | 41.54 | 39.43 | -999.25 | 1.04    | 0.92    |
| 1769.9736 | 46.42 | 37.78 | 78.83   | -999.25 | -999.25 |
| 1770.1260 | 32.07 | 37.64 | -999.25 | 1.09    | -999.25 |
| 1770.2784 | 37.22 | 41.98 | -999.25 | -999.25 | 1.07    |
| 1770.4308 | 50.09 | 43.00 | 66.71   | 1.09    | 1.06    |
| 1770.5832 | 45.34 | 42.27 | -999.25 | 1.04    | 0.96    |
| 1770.7356 | 47.47 | 42.78 | 75.20   | 0.98    | 0.89    |
| 1770.8880 | 49.93 | 42.55 | 86.11   | 0.99    | 0.93    |
| 1771.0404 | 35.99 | 40.30 | 84.89   | 0.91    | 0.79    |
| 1771.1928 | 36.70 | 42.46 | 99.44   | 0.88    | 0.75    |
| 1771.3452 | 37.78 | 39.54 | -999.25 | 0.88    | -999.25 |
| 1771.4976 | 37.43 | 40.68 | 94.59   | -999.25 | 0.81    |
| 1771.6500 | 43.77 | 42.33 | -999.25 | 0.91    | -999.25 |
| 1771.8024 | 42.58 | 41.83 | 95.80   | 1.01    | 0.78    |
| 1771.9548 | 39.04 | 40.40 | -999.25 | -999.25 | 0.88    |
| 1772.1072 | 30.56 | 38.40 | 80.04   | 1.12    | -999.25 |
| 1772.2596 | 27.96 | 36.11 | -999.25 | -999.25 | 1.03    |
| 1772.4120 | 42.10 | 37.34 | 70.35   | 1.24    | -999.25 |
| 1772.5644 | 59.38 | 39.20 | -999.25 | -999.25 | 1.23    |
| 1772.7168 | 39.69 | 37.92 | -999.25 | 1.20    | -999.25 |
| 1772.8692 | 47.78 | 40.98 | -999.25 | -999.25 | 1.21    |
| 1773.0216 | 69.24 | 41.81 | 84.29   | 1.08    | -999.25 |
| 1773.1740 | 64.64 | 43.62 | 81.26   | -999.25 | 0.99    |
| 1773.3264 | 45.33 | 42.31 | -999.25 | -999.25 | -999.25 |
| 1773.4788 | 25.23 | 38.87 | 88.53   | 1.01    | -999.25 |
| 1773.6312 | 24.61 | 39.66 | 76.41   | -999.25 | 0.87    |
| 1773.7836 | 21.61 | 35.93 | 87.32   | 1.01    | 0.87    |
| 1773.9360 | 20.88 | 33.28 | -999.25 | 1.02    | -999.25 |
| 1774.0884 | 25.59 | 30.98 | 82.47   | -999.25 | 0.90    |
| 1774.2408 | 30.17 | 31.61 | -999.25 | 1.11    | 1.02    |
| 1774.3932 | 41.01 | 30.33 | 78.83   | 1.15    | -999.25 |
| 1774.5456 | 31.03 | 28.42 | -999.25 | -999.25 | 1.21    |
| 1774.6980 | 31.97 | 27.68 | 71.56   | 1.11    | 1.17    |
| 1774.8504 | 43.15 | 28.24 | -999.25 | 0.98    | -999.25 |
| 1775.0028 | 43.60 | 30.50 | -999.25 | -999.25 | 0.86    |
| 1775.1552 | 40.61 | 31.04 | 73.98   | 0.94    | -999.25 |
| 1775.3076 | 44.97 | 35.74 | 92.17   | -999.25 | 0.85    |
| 1775.4600 | 50.45 | 37.59 | 87.32   | 0.94    | -999.25 |
| 1775.6124 | 50.71 | 41.48 | -999.25 | -999.25 | -999.25 |
| 1775.7648 | 45.16 | 40.98 | 87.32   | -999.25 | 0.83    |
| 1775.9172 | 37.63 | 40.73 | -999.25 | -999.25 | -999.25 |
| 1776.0696 | 41.63 | 43.94 | 83.68   | 0.98    | 0.88    |
| 1776.2220 | 43.80 | 43.75 | -999.25 | 1.00    | 0.92    |
| 1776.3744 | 40.11 | 43.27 | 73.98   | 1.04    | 0.92    |
| 1776.5268 | 49.53 | 44.82 | -999.25 | 1.05    | -999.25 |
| 1776.6792 | 46.96 | 44.56 | -999.25 | 1.08    | 0.96    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1758.8484 | 49.41 | 51.06 | 87.32   | 0.98    | -999.25 |
| 1759.0008 | 46.53 | 51.18 | 83.68   | -999.25 | -999.25 |
| 1759.1532 | 49.89 | 50.82 | -999.25 | -999.25 | 0.88    |
| 1759.3056 | 54.79 | 49.33 | 86.11   | 0.94    | -999.25 |
| 1759.4580 | 58.80 | 49.99 | -999.25 | -999.25 | 0.86    |
| 1759.6104 | 60.95 | 52.03 | -999.25 | 0.95    | 0.86    |
| 1759.7628 | 57.06 | 52.84 | 93.38   | 0.91    | 0.85    |
| 1759.9152 | 58.62 | 54.02 | 78.83   | 0.90    | 0.82    |
| 1760.0676 | 52.95 | 53.36 | -999.25 | -999.25 | 0.77    |
| 1760.2200 | 41.76 | 51.46 | 87.32   | 0.89    | 0.77    |
| 1760.3724 | 34.73 | 48.89 | -999.25 | 0.96    | -999.25 |
| 1760.5248 | 33.46 | 47.37 | 101.87  | -999.25 | 0.81    |
| 1760.6772 | 41.98 | 47.15 | -999.25 | 1.02    | 0.96    |
| 1760.8296 | 49.62 | 46.53 | 86.11   | -999.25 | -999.25 |
| 1760.9820 | 43.16 | 44.56 | -999.25 | 1.02    | -999.25 |
| 1761.1344 | 42.10 | 43.55 | 87.32   | -999.25 | 1.02    |
| 1761.2868 | 46.42 | 43.02 | -999.25 | 0.91    | 0.89    |
| 1761.4392 | 43.54 | 41.42 | -999.25 | 0.84    | -999.25 |
| 1761.5916 | 47.27 | 42.20 | -999.25 | -999.25 | 0.77    |
| 1761.7440 | 54.07 | 43.38 | 95.80   | -999.25 | -999.25 |
| 1761.8964 | 59.57 | 46.96 | 95.80   | 0.86    | -999.25 |
| 1762.0488 | 47.27 | 46.94 | 87.32   | -999.25 | 0.68    |
| 1762.2012 | 35.29 | 45.05 | -999.25 | 1.02    | 0.87    |
| 1762.3536 | 28.17 | 41.03 | -999.25 | 1.20    | -999.25 |
| 1762.5060 | 28.14 | 40.53 | 69.13   | -999.25 | 1.19    |
| 1762.6584 | 41.74 | 40.96 | -999.25 | -999.25 | -999.25 |
| 1762.8108 | 41.02 | 39.62 | -999.25 | 1.22    | -999.25 |
| 1762.9632 | 41.95 | 40.67 | 75.20   | 1.19    | 1.30    |
| 1763.1156 | 43.20 | 39.00 | -999.25 | -999.25 | 1.05    |
| 1763.2680 | 44.30 | 39.36 | 78.83   | 1.06    | -999.25 |
| 1763.4204 | 56.74 | 38.75 | -999.25 | -999.25 | 0.95    |
| 1763.5728 | 59.56 | 40.76 | 100.65  | 1.02    | -999.25 |
| 1763.7252 | 52.59 | 41.77 | -999.25 | -999.25 | 0.88    |
| 1763.8776 | 55.86 | 47.59 | 97.02   | 1.11    | -999.25 |
| 1764.0300 | 58.51 | 49.38 | -999.25 | -999.25 | 0.94    |
| 1764.1824 | 65.58 | 51.89 | 86.11   | -999.25 | -999.25 |
| 1764.3348 | 71.98 | 55.08 | -999.25 | 1.31    | -999.25 |
| 1764.4872 | 72.84 | 57.97 | 86.11   | -999.25 | 1.39    |
| 1764.6396 | 73.00 | 61.48 | -999.25 | -999.25 | -999.25 |
| 1764.7920 | 62.77 | 62.81 | 76.41   | 1.15    | -999.25 |
| 1764.9444 | 56.88 | 61.52 | -999.25 | 1.06    | 1.11    |
| 1765.0968 | 51.02 | 60.67 | 89.74   | -999.25 | 0.92    |
| 1765.2492 | 55.92 | 62.39 | -999.25 | 0.97    | 0.86    |
| 1765.4016 | 63.83 | 62.36 | 69.13   | -999.25 | -999.25 |
| 1765.5540 | 77.23 | 65.79 | -999.25 | -999.25 | -999.25 |
| 1765.7064 | 92.72 | 66.04 | 87.32   | 0.97    | -999.25 |
| 1765.8588 | 76.69 | 66.54 | 92.17   | 1.04    | 0.81    |
| 1766.0112 | 76.93 | 66.68 | -999.25 | -999.25 | -999.25 |
| 1766.1636 | 75.91 | 67.00 | -999.25 | -999.25 | 0.96    |
| 1766.3160 | 82.47 | 70.25 | 67.92   | 1.14    | 1.05    |
| 1766.4684 | 75.46 | 71.13 | 76.41   | -999.25 | -999.25 |
| 1766.6208 | 53.27 | 71.07 | 80.04   | 1.15    | -999.25 |
| 1766.7732 | 41.49 | 65.35 | -999.25 | -999.25 | 0.98    |
| 1766.9256 | 36.76 | 61.06 | -999.25 | 1.14    | -999.25 |
| 1767.0780 | 40.20 | 56.53 | 80.04   | -999.25 | 0.95    |
| 1767.2304 | 35.68 | 50.44 | 72.77   | 1.06    | -999.25 |
| 1767.3828 | 36.51 | 48.64 | 84.89   | -999.25 | 0.92    |
| 1767.5352 | 54.25 | 47.82 | 81.26   | -999.25 | -999.25 |
| 1767.6876 | 50.50 | 45.69 | 81.26   | 0.98    | 0.82    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1749.8568 | 47.36 | 43.28 | 82.47   | -999.25 | 0.83    |
| 1750.0092 | 50.51 | 42.55 | 77.62   | -999.25 | -999.25 |
| 1750.1616 | 33.05 | 39.84 | -999.25 | 0.95    | -999.25 |
| 1750.3140 | 29.16 | 38.29 | 83.68   | -999.25 | 0.94    |
| 1750.4664 | 30.58 | 35.52 | -999.25 | 0.86    | -999.25 |
| 1750.6188 | 42.22 | 37.94 | 88.53   | -999.25 | -999.25 |
| 1750.7712 | 77.62 | 39.21 | -999.25 | -999.25 | 0.77    |
| 1750.9236 | 62.52 | 41.80 | 84.89   | 0.86    | -999.25 |
| 1751.0760 | 54.32 | 43.34 | -999.25 | -999.25 | 0.86    |
| 1751.2284 | 53.98 | 44.53 | 81.26   | -999.25 | -999.25 |
| 1751.3808 | 58.12 | 44.86 | -999.25 | -999.25 | -999.25 |
| 1751.5332 | 49.18 | 44.31 | -999.25 | 0.75    | -999.25 |
| 1751.6856 | 44.87 | 48.31 | 86.71   | -999.25 | 0.66    |
| 1751.8380 | 47.32 | 50.17 | -999.25 | 0.87    | -999.25 |
| 1751.9904 | 44.07 | 53.49 | 94.59   | -999.25 | -999.25 |
| 1752.1428 | 40.74 | 49.74 | -999.25 | -999.25 | 0.77    |
| 1752.2952 | 39.44 | 47.19 | -999.25 | -999.25 | -999.25 |
| 1752.4476 | 40.69 | 45.82 | 78.83   | 0.90    | -999.25 |
| 1752.6000 | 43.56 | 45.25 | 78.83   | -999.25 | 0.82    |
| 1752.7524 | 51.22 | 45.41 | -999.25 | -999.25 | -999.25 |
| 1752.9048 | 53.48 | 44.65 | 89.74   | 0.88    | 0.85    |
| 1753.0572 | 45.62 | 44.76 | -999.25 | 0.87    | -999.25 |
| 1753.2096 | 38.94 | 43.33 | 89.74   | -999.25 | 0.80    |
| 1753.3620 | 40.74 | 43.43 | -999.25 | 0.80    | -999.25 |
| 1753.5144 | 44.59 | 43.43 | 94.59   | -999.25 | 0.70    |
| 1753.6668 | 41.48 | 43.60 | -999.25 | -999.25 | -999.25 |
| 1753.8192 | 34.72 | 42.17 | 88.53   | 0.84    | 0.78    |
| 1753.9716 | 27.18 | 39.40 | -999.25 | -999.25 | -999.25 |
| 1754.1240 | 30.56 | 38.96 | 90.96   | 0.86    | 0.79    |
| 1754.2764 | 37.26 | 37.25 | -999.25 | -999.25 | -999.25 |
| 1754.4288 | 33.86 | 35.93 | 86.11   | 0.85    | 0.82    |
| 1754.5812 | 37.86 | 36.05 | -999.25 | -999.25 | -999.25 |
| 1754.7336 | 43.03 | 36.57 | 89.74   | 0.81    | -999.25 |
| 1754.8860 | 41.21 | 36.12 | -999.25 | 0.82    | 0.69    |
| 1755.0384 | 49.25 | 37.15 | 103.08  | 0.94    | -999.25 |
| 1755.1908 | 51.06 | 37.34 | 93.38   | -999.25 | 0.79    |
| 1755.3432 | 41.55 | 38.50 | -999.25 | -999.25 | -999.25 |
| 1755.4956 | 37.34 | 40.36 | 87.32   | 1.19    | -999.25 |
| 1755.6480 | 34.07 | 39.53 | -999.25 | -999.25 | 1.03    |
| 1755.8004 | 25.62 | 36.75 | 75.20   | 1.25    | 1.37    |
| 1755.9528 | 22.46 | 35.34 | -999.25 | 1.25    | -999.25 |
| 1756.1052 | 22.80 | 32.57 | -999.25 | -999.25 | 1.37    |
| 1756.2576 | 25.06 | 31.62 | 69.13   | -999.25 | -999.25 |
| 1756.4100 | 32.27 | 31.20 | 76.41   | 1.08    | 0.98    |
| 1756.5624 | 28.20 | 28.85 | 89.74   | 0.98    | -999.25 |
| 1756.7148 | 30.10 | 28.76 | 92.17   | -999.25 | 0.88    |
| 1756.8672 | 51.81 | 29.67 | 87.32   | 0.91    | -999.25 |
| 1757.0196 | 59.74 | 30.52 | 90.96   | -999.25 | 0.86    |
| 1757.1720 | 49.15 | 31.34 | -999.25 | -999.25 | -999.25 |
| 1757.3244 | 52.96 | 34.80 | 98.23   | 0.88    | 0.75    |
| 1757.4768 | 49.77 | 37.01 | 99.44   | 0.94    | -999.25 |
| 1757.6292 | 51.08 | 41.87 | -999.25 | -999.25 | 0.78    |
| 1757.7816 | 68.57 | 45.54 | -999.25 | 1.04    | -999.25 |
| 1757.9340 | 65.04 | 48.17 | 73.98   | -999.25 | 1.03    |
| 1758.0864 | 46.15 | 52.09 | 69.13   | 1.08    | -999.25 |
| 1758.2388 | 43.65 | 53.49 | -999.25 | 1.08    | 1.02    |
| 1758.3912 | 48.56 | 51.39 | 83.68   | 1.06    | 0.98    |
| 1758.5436 | 50.47 | 51.78 | -999.25 | -999.25 | 0.99    |
| 1758.6960 | 51.66 | 51.92 | -999.25 | -999.25 | -999.25 |

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| 1740.8652 | 67.12   | 47.50   | 95.80   | 0.95    | -999.25 |
| 1741.0176 | 53.51   | 46.65   | -999.25 | -999.25 | 0.82    |
| 1741.1700 | 48.93   | 47.15   | 87.32   | 1.01    | -999.25 |
| 1741.3224 | 52.03   | 48.23   | -999.25 | -999.25 | 0.99    |
| 1741.4748 | 34.45   | 48.10   | 81.26   | 1.02    | -999.25 |
| 1741.6272 | 37.10   | 50.00   | -999.25 | -999.25 | 0.94    |
| 1741.7796 | 66.75   | 50.73   | 98.23   | 1.01    | -999.25 |
| 1741.9320 | 56.69   | 50.14   | -999.25 | 0.82    | 0.90    |
| 1742.0844 | 56.09   | 51.46   | -999.25 | 1.03    | 0.92    |
| 1742.2368 | 59.67   | 50.37   | 93.38   | -999.25 | 0.92    |
| 1742.3892 | 55.94   | 49.93   | -999.25 | 1.06    | 1.06    |
| 1742.5416 | 51.38   | 49.98   | -999.25 | 1.06    | 0.99    |
| 1742.6940 | 48.36   | 49.81   | 88.53   | 1.05    | -999.25 |
| 1742.8464 | 53.42   | 50.23   | -999.25 | -999.25 | 0.90    |
| 1742.9988 | 55.53   | 55.95   | 92.17   | -999.25 | -999.25 |
| 1743.1512 | 47.08   | 53.29   | -999.25 | 1.24    | -999.25 |
| 1743.3036 | 48.75   | 52.69   | 90.96   | -999.25 | 1.17    |
| 1743.4560 | 56.62   | 53.28   | 72.77   | 1.22    | -999.25 |
| 1743.6084 | 67.19   | 54.37   | -999.25 | -999.25 | 1.28    |
| 1743.7608 | 52.48   | 52.01   | -999.25 | 1.02    | -999.25 |
| 1743.9132 | 43.84   | 51.60   | 88.53   | -999.25 | 0.90    |
| 1744.0656 | 48.40   | 51.37   | -999.25 | -999.25 | -999.25 |
| 1744.2180 | 49.26   | 51.80   | 93.38   | -999.25 | -999.25 |
| 1744.3704 | 47.51   | 50.17   | -999.25 | 0.97    | -999.25 |
| 1744.5228 | 38.48   | 47.85   | 89.74   | 0.98    | 0.86    |
| 1744.6752 | 40.86   | 48.59   | -999.25 | -999.25 | 0.85    |
| 1744.8276 | 36.43   | 44.87   | 82.47   | -999.25 | -999.25 |
| 1744.9800 | 42.50   | 45.97   | -999.25 | 1.05    | 1.02    |
| 1745.1324 | 51.89   | 43.17   | 78.83   | -999.25 | -999.25 |
| 1745.2848 | 39.60   | 43.49   | 67.92   | 0.97    | -999.25 |
| 1745.4372 | 39.22   | 42.19   | -999.25 | -999.25 | 0.85    |
| 1745.5896 | 36.88   | 41.18   | 84.89   | -999.25 | -999.25 |
| 1745.7420 | 30.03   | 38.02   | -999.25 | 0.94    | -999.25 |
| 1745.8944 | 27.68   | 36.63   | 78.83   | -999.25 | 0.91    |
| 1746.0468 | 32.96   | 36.80   | -999.25 | 0.85    | -999.25 |
| 1746.1992 | 39.47   | 36.40   | 72.77   | -999.25 | 0.80    |
| 1746.3516 | 43.98   | 38.13   | -999.25 | 0.78    | -999.25 |
| 1746.5040 | 45.92   | 36.87   | -999.25 | -999.25 | 0.68    |
| 1746.6564 | 43.35   | 37.05   | 71.56   | 0.78    | 0.68    |
| 1746.8088 | 44.76   | 37.68   | -999.25 | -999.25 | -999.25 |
| 1746.9612 | 46.70   | 38.21   | -999.25 | 0.78    | 0.70    |
| 1747.1136 | 49.49   | 39.75   | 89.74   | -999.25 | -999.25 |
| 1747.2660 | 52.83   | 42.92   | -999.25 | 0.80    | -999.25 |
| 1747.4184 | 50.37   | 45.65   | -999.25 | -999.25 | 0.74    |
| 1747.5708 | 43.20   | 45.75   | 99.44   | 0.82    | -999.25 |
| 1747.7232 | 41.69   | 46.22   | -999.25 | -999.25 | 0.77    |
| 1747.8756 | -999.25 | -999.25 | 82.47   | 0.81    | -999.25 |
| 1748.0280 | -999.25 | -999.25 | -999.25 | -999.25 | 0.75    |
| 1748.1804 | 43.74   | 43.74   | -999.25 | -999.25 | -999.25 |
| 1748.3328 | 50.14   | 50.14   | -999.25 | 0.80    | 0.70    |
| 1748.4852 | 59.11   | 59.11   | 84.89   | 0.82    | 0.73    |
| 1748.6376 | 49.26   | 49.26   | -999.25 | 0.87    | -999.25 |
| 1748.7900 | 47.13   | 47.13   | -999.25 | -999.25 | 0.85    |
| 1748.9424 | 57.33   | 57.33   | 87.32   | 0.90    | -999.25 |
| 1749.0948 | 44.51   | 44.51   | -999.25 | -999.25 | 0.79    |
| 1749.2472 | 38.30   | 38.30   | -999.25 | 0.90    | -999.25 |
| 1749.3996 | 35.48   | 35.48   | 84.89   | -999.25 | 0.85    |
| 1749.5520 | 32.72   | 43.72   | -999.25 | 0.91    | -999.25 |
| 1749.7044 | 38.70   | 43.62   | -999.25 | -999.25 | -999.25 |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1731.8736 | 70.79 | 32.14 | -999.25 | -999.25 | 0.77    |
| 1732.0260 | 36.04 | 29.60 | 101.87  | 0.90    | -999.25 |
| 1732.1784 | 26.48 | 30.81 | 94.59   | 0.91    | 0.80    |
| 1732.3308 | 34.76 | 31.69 | -999.25 | -999.25 | 0.83    |
| 1732.4832 | 28.47 | 31.11 | 87.32   | 0.98    | -999.25 |
| 1732.6356 | 25.50 | 30.95 | -999.25 | -999.25 | 0.88    |
| 1732.7880 | 25.21 | 31.32 | 89.74   | -999.25 | -999.25 |
| 1732.9404 | 29.74 | 34.67 | -999.25 | 1.01    | -999.25 |
| 1733.0928 | 51.84 | 34.25 | 84.89   | 1.02    | 0.90    |
| 1733.2452 | 63.00 | 34.43 | 100.65  | -999.25 | -999.25 |
| 1733.3976 | 60.67 | 33.71 | -999.25 | -999.25 | 0.94    |
| 1733.5500 | 49.98 | 36.37 | 84.89   | 1.02    | -999.25 |
| 1733.7024 | 47.97 | 38.05 | -999.25 | -999.25 | -999.25 |
| 1733.8548 | 42.25 | 37.77 | -999.25 | -999.25 | -999.25 |
| 1734.0072 | 30.21 | 38.64 | 90.96   | -999.25 | -999.25 |
| 1734.1596 | 30.70 | 39.76 | -999.25 | -999.25 | 0.94    |
| 1734.3120 | 29.64 | 40.50 | -999.25 | 1.17    | -999.25 |
| 1734.4644 | 31.82 | 40.47 | 92.17   | -999.25 | 1.02    |
| 1734.6168 | 36.55 | 38.01 | 80.04   | -999.25 | -999.25 |
| 1734.7692 | 38.58 | 37.43 | -999.25 | 1.24    | -999.25 |
| 1734.9216 | 46.53 | 36.62 | 77.62   | -999.25 | 1.09    |
| 1735.0740 | 54.25 | 37.87 | -999.25 | 1.27    | -999.25 |
| 1735.2264 | 69.87 | 38.46 | -999.25 | -999.25 | 1.06    |
| 1735.3788 | 65.34 | 40.43 | 84.89   | 1.31    | 1.25    |
| 1735.5312 | 66.67 | 44.68 | 77.62   | -999.25 | -999.25 |
| 1735.6836 | 48.65 | 44.79 | -999.25 | 1.31    | 1.35    |
| 1735.8360 | 40.00 | 48.47 | -999.25 | 1.15    | -999.25 |
| 1735.9884 | 44.10 | 48.59 | 78.83   | -999.25 | 1.14    |
| 1736.1408 | 42.61 | 50.37 | -999.25 | 1.02    | 0.88    |
| 1736.2932 | 39.05 | 48.74 | 97.02   | -999.25 | -999.25 |
| 1736.4456 | 38.96 | 48.33 | -999.25 | 0.94    | -999.25 |
| 1736.5980 | 32.92 | 43.66 | 94.59   | 0.96    | 0.77    |
| 1736.7504 | 19.98 | 35.93 | 84.89   | -999.25 | 0.83    |
| 1736.9028 | 23.76 | 35.38 | -999.25 | -999.25 | -999.25 |
| 1737.0552 | 43.77 | 34.01 | 81.26   | 0.96    | -999.25 |
| 1737.2076 | 43.18 | 34.74 | 93.38   | -999.25 | 0.94    |
| 1737.3600 | 50.66 | 35.27 | -999.25 | -999.25 | -999.25 |
| 1737.5124 | 38.05 | 33.90 | 98.23   | 0.86    | -999.25 |
| 1737.6648 | 36.03 | 34.24 | -999.25 | -999.25 | 0.74    |
| 1737.8172 | 49.72 | 35.21 | 100.65  | 0.82    | 0.76    |
| 1737.9696 | 47.06 | 35.30 | -999.25 | -999.25 | -999.25 |
| 1738.1220 | 52.06 | 38.21 | 95.80   | 0.80    | 0.71    |
| 1738.2744 | 60.45 | 46.24 | -999.25 | -999.25 | -999.25 |
| 1738.4268 | 51.30 | 46.19 | 84.89   | 0.89    | -999.25 |
| 1738.5792 | 52.07 | 47.85 | -999.25 | -999.25 | 0.76    |
| 1738.7316 | 42.86 | 46.11 | 83.68   | 0.97    | 0.98    |
| 1738.8840 | 35.97 | 44.42 | 67.92   | -999.25 | -999.25 |
| 1739.0364 | 46.29 | 48.19 | 75.20   | 0.95    | -999.25 |
| 1739.1888 | 58.22 | 49.03 | 90.96   | -999.25 | 0.91    |
| 1739.3412 | 66.57 | 50.68 | -999.25 | 0.89    | -999.25 |
| 1739.4936 | 68.75 | 52.48 | 89.74   | -999.25 | 0.81    |
| 1739.6460 | 50.87 | 50.45 | 84.89   | 0.85    | 0.79    |
| 1739.7984 | 43.97 | 49.27 | -999.25 | -999.25 | -999.25 |
| 1739.9508 | 32.13 | 45.15 | -999.25 | 0.82    | 0.75    |
| 1740.1032 | 32.66 | 44.29 | 97.02   | 0.81    | -999.25 |
| 1740.2556 | 49.09 | 46.39 | -999.25 | 0.82    | 0.71    |
| 1740.4080 | 55.83 | 48.54 | 97.02   | -999.25 | 0.77    |
| 1740.5604 | 52.05 | 47.44 | -999.25 | 0.83    | -999.25 |
| 1740.7128 | 58.06 | 48.52 | -999.25 | -999.25 | 0.73    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1722.8820 | 25.80 | 32.73 | -999.25 | 0.92    | 0.79    |
| 1723.0344 | 36.43 | 33.27 | 87.32   | -999.25 | -999.25 |
| 1723.1868 | 51.20 | 33.19 | -999.25 | 0.89    | -999.25 |
| 1723.3392 | 56.84 | 34.18 | 88.53   | -999.25 | 0.80    |
| 1723.4916 | 55.61 | 34.10 | -999.25 | 0.88    | 0.79    |
| 1723.6440 | 55.30 | 35.47 | 86.11   | 0.88    | -999.25 |
| 1723.7964 | 53.36 | 39.37 | -999.25 | -999.25 | 0.74    |
| 1723.9488 | 53.84 | 41.14 | -999.25 | -999.25 | -999.25 |
| 1724.1012 | 57.26 | 44.45 | 88.53   | 1.08    | -999.25 |
| 1724.2536 | 59.03 | 50.69 | -999.25 | -999.25 | 0.92    |
| 1724.4060 | 55.17 | 54.44 | 98.23   | 1.24    | -999.25 |
| 1724.5584 | 45.16 | 53.57 | -999.25 | -999.25 | 1.41    |
| 1724.7108 | 39.42 | 51.19 | 76.41   | 1.20    | -999.25 |
| 1724.8632 | 39.27 | 49.41 | -999.25 | -999.25 | 1.00    |
| 1725.0156 | 47.31 | 49.59 | -999.25 | 1.17    | -999.25 |
| 1725.1680 | 51.55 | 48.77 | 76.41   | -999.25 | -999.25 |
| 1725.3204 | 44.85 | 47.90 | -999.25 | -999.25 | 1.17    |
| 1725.4728 | 40.61 | 46.05 | 70.35   | 1.05    | -999.25 |
| 1725.6252 | 33.53 | 42.83 | -999.25 | -999.25 | 0.92    |
| 1725.7776 | 29.08 | 39.68 | -999.25 | 1.00    | -999.25 |
| 1725.9300 | 25.48 | 36.26 | 84.89   | -999.25 | 0.86    |
| 1726.0824 | 22.27 | 33.60 | -999.25 | 1.05    | -999.25 |
| 1726.2348 | 19.17 | 30.37 | 86.11   | -999.25 | 0.88    |
| 1726.3872 | 18.71 | 28.28 | -999.25 | 1.22    | -999.25 |
| 1726.5396 | 17.08 | 24.74 | -999.25 | -999.25 | 1.16    |
| 1726.6920 | 14.07 | 21.89 | 72.77   | 1.22    | -999.25 |
| 1726.8444 | 15.03 | 20.30 | -999.25 | -999.25 | 1.30    |
| 1726.9968 | 24.68 | 20.46 | 75.20   | -999.25 | -999.25 |
| 1727.1492 | 42.50 | 20.83 | -999.25 | 1.04    | -999.25 |
| 1727.3016 | 47.67 | 21.65 | -999.25 | -999.25 | -999.25 |
| 1727.4540 | 58.07 | 22.94 | 100.65  | 1.09    | 0.82    |
| 1727.6064 | 57.50 | 24.58 | 103.08  | -999.25 | 0.86    |
| 1727.7588 | 56.58 | 27.25 | 78.83   | 1.25    | -999.25 |
| 1727.9112 | 46.43 | 29.15 | -999.25 | -999.25 | 1.30    |
| 1728.0636 | 41.54 | 33.55 | -999.25 | -999.25 | -999.25 |
| 1728.2160 | 39.08 | 39.68 | 72.77   | 1.15    | -999.25 |
| 1728.3684 | 44.22 | 47.57 | -999.25 | -999.25 | 1.06    |
| 1728.5208 | 49.89 | 47.38 | 77.62   | 1.01    | -999.25 |
| 1728.6732 | 31.89 | 44.27 | 92.17   | -999.25 | 0.94    |
| 1728.8256 | 28.05 | 41.60 | -999.25 | -999.25 | -999.25 |
| 1728.9780 | 24.43 | 36.59 | 84.89   | 0.95    | -999.25 |
| 1729.1304 | 26.37 | 35.53 | 107.93  | -999.25 | 0.82    |
| 1729.2828 | 28.51 | 32.46 | -999.25 | -999.25 | -999.25 |
| 1729.4352 | 29.65 | 32.70 | 97.02   | 1.02    | -999.25 |
| 1729.5876 | 40.03 | 32.27 | -999.25 | -999.25 | 0.82    |
| 1729.7400 | 40.94 | 32.95 | -999.25 | 1.09    | 1.12    |
| 1729.8924 | 47.03 | 32.55 | 88.53   | -999.25 | -999.25 |
| 1730.0448 | 54.75 | 33.34 | -999.25 | 1.09    | -999.25 |
| 1730.1972 | 52.86 | 35.42 | 86.11   | -999.25 | 1.07    |
| 1730.3496 | 44.32 | 36.52 | -999.25 | -999.25 | -999.25 |
| 1730.5020 | 50.84 | 41.70 | -999.25 | 0.98    | -999.25 |
| 1730.6544 | 32.22 | 38.45 | -999.25 | 0.92    | 0.91    |
| 1730.8068 | 25.07 | 40.09 | -999.25 | -999.25 | 0.81    |
| 1730.9592 | 27.23 | 37.59 | 93.38   | 0.89    | 0.79    |
| 1731.1116 | 28.20 | 36.98 | -999.25 | -999.25 | -999.25 |
| 1731.2640 | 24.55 | 33.49 | 101.87  | 0.88    | -999.25 |
| 1731.4164 | 19.64 | 30.33 | -999.25 | -999.25 | 0.85    |
| 1731.5688 | 30.34 | 30.49 | -999.25 | 0.87    | -999.25 |
| 1731.7212 | 67.21 | 31.09 | 90.96   | 0.88    | 0.78    |



|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1713.8904 | 46.24 | 50.13 | 93.38   | -999.25 | -999.25 |
| 1714.0428 | 48.94 | 50.41 | 93.38   | 1.05    | -999.25 |
| 1714.1952 | 45.31 | 47.49 | 88.53   | 1.14    | 0.92    |
| 1714.3476 | 43.97 | 48.62 | 87.32   | -999.25 | 1.02    |
| 1714.5000 | 46.32 | 48.33 | -999.25 | 1.19    | -999.25 |
| 1714.6524 | 45.24 | 48.62 | -999.25 | -999.25 | 1.17    |
| 1714.8048 | 51.00 | 46.57 | 71.56   | 1.17    | -999.25 |
| 1714.9572 | 43.65 | 46.98 | 81.26   | 1.19    | 1.02    |
| 1715.1096 | 36.20 | 44.44 | -999.25 | 1.20    | 1.06    |
| 1715.2620 | 46.90 | 45.66 | 83.68   | -999.25 | 1.19    |
| 1715.4144 | 60.30 | 46.52 | 67.92   | 1.12    | -999.25 |
| 1715.5668 | 46.59 | 45.23 | 71.56   | 1.06    | 1.11    |
| 1715.7192 | 51.71 | 47.74 | -999.25 | -999.25 | 0.94    |
| 1715.8716 | 48.60 | 46.14 | 86.11   | 1.00    | -999.25 |
| 1716.0240 | 40.98 | 46.49 | -999.25 | -999.25 | 0.86    |
| 1716.1764 | 36.18 | 43.89 | 90.96   | -999.25 | -999.25 |
| 1716.3288 | 35.96 | 43.19 | -999.25 | 1.14    | -999.25 |
| 1716.4812 | 33.35 | 41.33 | 88.53   | -999.25 | 1.07    |
| 1716.6336 | 29.58 | 41.00 | -999.25 | 1.24    | 1.39    |
| 1716.7860 | 33.02 | 38.48 | -999.25 | 1.25    | -999.25 |
| 1716.9384 | 36.30 | 37.62 | 69.13   | 1.22    | 1.44    |
| 1717.0908 | 40.07 | 37.47 | -999.25 | -999.25 | 1.16    |
| 1717.2432 | 32.13 | 34.56 | 82.47   | 1.15    | 1.05    |
| 1717.3956 | 37.11 | 35.76 | -999.25 | 1.06    | 0.94    |
| 1717.5480 | 63.50 | 36.75 | 97.02   | 1.01    | -999.25 |
| 1717.7004 | 56.29 | 38.48 | 95.80   | -999.25 | 0.83    |
| 1717.8528 | 45.72 | 38.43 | -999.25 | 1.08    | -999.25 |
| 1718.0052 | 41.26 | 40.26 | -999.25 | -999.25 | 0.99    |
| 1718.1576 | 33.84 | 39.73 | 75.20   | 1.12    | 1.12    |
| 1718.3100 | 32.63 | 40.15 | -999.25 | -999.25 | -999.25 |
| 1718.4624 | 36.47 | 39.77 | -999.25 | 1.11    | 1.05    |
| 1718.6148 | 28.29 | 37.05 | 71.56   | 1.10    | 0.99    |
| 1718.7672 | 24.11 | 36.75 | -999.25 | -999.25 | 0.96    |
| 1718.9196 | 18.76 | 31.00 | 73.98   | 1.06    | -999.25 |
| 1719.0720 | 18.26 | 28.56 | -999.25 | -999.25 | 0.94    |
| 1719.2244 | 27.61 | 27.82 | 83.68   | 0.96    | -999.25 |
| 1719.3768 | 30.64 | 26.90 | -999.25 | -999.25 | 0.78    |
| 1719.5292 | 25.70 | 25.72 | 84.89   | 0.88    | -999.25 |
| 1719.6816 | 30.19 | 26.39 | 84.89   | -999.25 | 0.74    |
| 1719.8340 | 31.62 | 25.59 | -999.25 | -999.25 | -999.25 |
| 1719.9864 | 34.78 | 26.21 | -999.25 | 0.88    | 0.77    |
| 1720.1388 | 43.13 | 27.29 | 88.53   | 0.90    | 0.85    |
| 1720.2912 | 38.64 | 28.54 | 83.68   | 0.94    | -999.25 |
| 1720.4436 | 41.04 | 32.40 | -999.25 | -999.25 | 0.89    |
| 1720.5960 | 39.79 | 34.36 | 83.68   | 0.89    | -999.25 |
| 1720.7484 | 38.41 | 34.69 | -999.25 | 0.88    | 0.83    |
| 1720.9008 | 30.92 | 34.42 | -999.25 | -999.25 | 0.78    |
| 1721.0532 | 19.68 | 32.05 | 93.38   | -999.25 | -999.25 |
| 1721.2056 | 20.91 | 31.26 | -999.25 | 0.98    | -999.25 |
| 1721.3580 | 36.10 | 32.87 | 89.74   | -999.25 | 0.85    |
| 1721.5104 | 42.45 | 32.31 | -999.25 | -999.25 | -999.25 |
| 1721.6628 | 46.26 | 33.22 | 83.68   | -999.25 | -999.25 |
| 1721.8152 | 46.27 | 33.23 | -999.25 | 1.08    | 1.00    |
| 1721.9676 | 45.43 | 33.74 | -999.25 | 1.08    | -999.25 |
| 1722.1200 | 42.74 | 33.62 | 73.98   | -999.25 | 1.02    |
| 1722.2724 | 26.07 | 31.15 | -999.25 | 1.04    | -999.25 |
| 1722.4248 | 26.32 | 32.39 | 76.41   | -999.25 | 1.00    |
| 1722.5772 | 31.25 | 35.29 | -999.25 | 0.97    | -999.25 |
| 1722.7296 | 25.11 | 34.15 | 71.56   | 0.95    | 0.87    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1704.8988 | 39.77 | 54.37 | 80.04   | 1.24    | 1.23    |
| 1705.0512 | 35.81 | 50.60 | -999.25 | 1.22    | 1.20    |
| 1705.2036 | 33.14 | 48.12 | 83.68   | 1.15    | 1.07    |
| 1705.3560 | 41.70 | 46.61 | 83.68   | -999.25 | -999.25 |
| 1705.5084 | 46.21 | 45.45 | 98.23   | 1.09    | 0.92    |
| 1705.6608 | 40.45 | 43.36 | -999.25 | 1.06    | 0.92    |
| 1705.8132 | 37.36 | 42.26 | 84.89   | 1.06    | 0.99    |
| 1705.9656 | 46.03 | 42.36 | 92.17   | -999.25 | -999.25 |
| 1706.1180 | 57.06 | 41.24 | -999.25 | 1.01    | -999.25 |
| 1706.2704 | 53.41 | 42.71 | 86.11   | 1.00    | 0.88    |
| 1706.4228 | 42.87 | 41.86 | -999.25 | -999.25 | 0.83    |
| 1706.5752 | 40.71 | 43.97 | -999.25 | 1.04    | -999.25 |
| 1706.7276 | 47.48 | 45.32 | -999.25 | -999.25 | 0.91    |
| 1706.8800 | 53.22 | 46.07 | 97.02   | 1.12    | -999.25 |
| 1707.0324 | 39.34 | 43.82 | -999.25 | 1.15    | 1.09    |
| 1707.1848 | 34.48 | 44.32 | 81.26   | 1.15    | 1.12    |
| 1707.3372 | 37.89 | 43.96 | -999.25 | -999.25 | -999.25 |
| 1707.4896 | 37.27 | 42.40 | 80.04   | 1.12    | 0.98    |
| 1707.6420 | 35.77 | 40.27 | -999.25 | 1.17    | -999.25 |
| 1707.7944 | 34.60 | 39.04 | 76.41   | -999.25 | 1.28    |
| 1707.9468 | 42.60 | 40.22 | -999.25 | 1.17    | -999.25 |
| 1708.0992 | 43.63 | 39.54 | 77.62   | -999.25 | 1.70    |
| 1708.2516 | 30.95 | 36.89 | -999.25 | -999.25 | -999.25 |
| 1708.4040 | 34.95 | 36.69 | 80.04   | 1.14    | 1.48    |
| 1708.5564 | 49.14 | 38.32 | -999.25 | -999.25 | 1.17    |
| 1708.7088 | 45.89 | 38.74 | 101.87  | 1.06    | 0.99    |
| 1708.8612 | 33.89 | 37.43 | 100.65  | 0.97    | -999.25 |
| 1709.0136 | 18.69 | 32.11 | 88.53   | 0.91    | 0.90    |
| 1709.1660 | 19.06 | 31.63 | 95.80   | -999.25 | 0.82    |
| 1709.3184 | 28.58 | 30.90 | 91.56   | 0.89    | -999.25 |
| 1709.4708 | 28.66 | 29.50 | 73.98   | -999.25 | -999.25 |
| 1709.6232 | 34.10 | 29.72 | 95.80   | -999.25 | 0.80    |
| 1709.7756 | 39.39 | 30.75 | 95.80   | -999.25 | -999.25 |
| 1709.9280 | 42.91 | 30.69 | 106.71  | 0.94    | 0.82    |
| 1710.0804 | 45.63 | 30.46 | 98.23   | -999.25 | -999.25 |
| 1710.2328 | 49.44 | 30.99 | -999.25 | 0.98    | -999.25 |
| 1710.3852 | 51.59 | 32.46 | -999.25 | -999.25 | 0.88    |
| 1710.5376 | 42.70 | 38.09 | 87.32   | 1.01    | 0.89    |
| 1710.6900 | 52.48 | 41.45 | -999.25 | -999.25 | -999.25 |
| 1710.8424 | 76.43 | 45.72 | -999.25 | -999.25 | -999.25 |
| 1710.9948 | 65.68 | 49.52 | 81.26   | 1.08    | 0.96    |
| 1711.1472 | 44.38 | 48.75 | 83.68   | 1.11    | -999.25 |
| 1711.2996 | 36.62 | 48.60 | -999.25 | -999.25 | 1.02    |
| 1711.4520 | 22.18 | 40.21 | 86.11   | 1.14    | -999.25 |
| 1711.6044 | 20.42 | 38.48 | -999.25 | -999.25 | 1.06    |
| 1711.7568 | 32.85 | 37.16 | 69.13   | 1.09    | -999.25 |
| 1711.9092 | 37.97 | 36.52 | 90.96   | 1.08    | 1.03    |
| 1712.0616 | 35.28 | 35.85 | 83.68   | 1.06    | 0.92    |
| 1712.2140 | 35.65 | 34.27 | 80.04   | 1.09    | 0.94    |
| 1712.3664 | 48.24 | 33.98 | -999.25 | 1.11    | 1.00    |
| 1712.5188 | 62.61 | 34.10 | 88.53   | 1.11    | 1.02    |
| 1712.6712 | 60.52 | 35.43 | -999.25 | 1.12    | 1.05    |
| 1712.8236 | 52.43 | 36.13 | 70.35   | 1.10    | 1.02    |
| 1712.9760 | 42.72 | 41.86 | -999.25 | 1.04    | -999.25 |
| 1713.1284 | 45.23 | 44.83 | -999.25 | -999.25 | 0.94    |
| 1713.2808 | 63.68 | 47.75 | 92.17   | 1.00    | 0.90    |
| 1713.4332 | 51.77 | 47.84 | 90.96   | -999.25 | -999.25 |
| 1713.5856 | 44.50 | 50.59 | -999.25 | 0.98    | -999.25 |
| 1713.7380 | 54.81 | 52.79 | 97.02   | -999.25 | 0.88    |

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| 1695.9072 | 7.74    | 2.13    | 89.74   | -999.25 | -999.25 |
| 1696.0596 | 7.24    | 2.21    | -999.25 | 0.95    | 0.90    |
| 1696.2120 | 7.55    | 2.48    | 81.26   | -999.25 | -999.25 |
| 1696.3644 | 5.15    | 2.67    | -999.25 | 0.98    | -999.25 |
| 1696.5168 | 2.98    | 3.07    | 82.47   | -999.25 | 0.88    |
| 1696.6692 | 2.78    | 3.34    | -999.25 | 0.98    | -999.25 |
| 1696.8216 | 3.27    | 4.23    | -999.25 | -999.25 | 0.89    |
| 1696.9740 | 2.81    | 4.10    | 95.80   | -999.25 | -999.25 |
| 1697.1264 | 3.09    | 4.07    | 88.53   | 1.00    | -999.25 |
| 1697.2788 | 3.05    | 3.63    | -999.25 | -999.25 | 0.86    |
| 1697.4312 | 2.04    | 3.15    | 100.65  | 1.04    | -999.25 |
| 1697.5836 | 1.98    | 2.87    | -999.25 | 1.06    | 1.01    |
| 1697.7360 | -999.25 | -999.25 | -999.25 | 1.12    | 1.23    |
| 1697.8884 | -999.25 | -999.25 | 90.96   | -999.25 | -999.25 |
| 1698.0408 | 165.97  | 165.97  | -999.25 | 1.15    | 1.19    |
| 1698.1932 | 159.96  | 159.96  | 94.59   | 1.11    | -999.25 |
| 1698.3456 | 126.73  | 126.73  | -999.25 | -999.25 | 1.02    |
| 1698.4980 | 1.18    | 1.18    | 97.02   | 1.08    | -999.25 |
| 1698.6504 | 0.96    | 0.96    | -999.25 | -999.25 | 0.98    |
| 1698.8028 | 4.46    | 4.46    | -999.25 | -999.25 | -999.25 |
| 1698.9552 | 21.85   | 21.85   | 82.47   | 1.06    | -999.25 |
| 1699.1076 | 19.10   | 19.10   | 78.83   | -999.25 | 0.95    |
| 1699.2600 | 28.66   | 28.66   | -999.25 | 1.05    | -999.25 |
| 1699.4124 | 45.49   | 4.34    | 77.62   | -999.25 | 1.00    |
| 1699.5648 | 39.58   | 4.31    | 88.53   | 1.01    | -999.25 |
| 1699.7172 | 56.15   | 4.29    | -999.25 | -999.25 | 0.89    |
| 1699.8696 | 56.82   | 4.28    | 86.11   | -999.25 | -999.25 |
| 1700.0220 | 61.22   | 15.03   | -999.25 | 0.95    | -999.25 |
| 1700.1744 | 58.92   | 35.59   | 95.80   | -999.25 | 0.86    |
| 1700.3268 | 45.62   | 38.34   | -999.25 | 0.94    | 0.85    |
| 1700.4792 | 39.37   | 41.62   | 97.02   | -999.25 | -999.25 |
| 1700.6316 | 42.09   | 49.11   | -999.25 | 0.92    | -999.25 |
| 1700.7840 | 47.64   | 47.07   | 100.65  | -999.25 | 0.82    |
| 1700.9364 | 51.40   | 50.36   | 98.23   | -999.25 | -999.25 |
| 1701.0888 | 44.56   | 48.36   | -999.25 | 0.95    | 0.88    |
| 1701.2412 | 41.72   | 47.42   | 93.38   | 0.95    | -999.25 |
| 1701.3936 | 50.34   | 47.32   | -999.25 | -999.25 | 0.83    |
| 1701.5460 | 53.47   | 46.38   | 87.32   | 1.00    | -999.25 |
| 1701.6984 | 55.52   | 46.86   | 89.74   | -999.25 | 0.86    |
| 1701.8508 | 58.39   | 48.54   | 88.53   | -999.25 | -999.25 |
| 1702.0032 | 58.16   | 50.76   | 83.08   | 1.09    | -999.25 |
| 1702.1556 | 62.94   | 52.55   | -999.25 | 1.12    | 1.03    |
| 1702.3080 | 62.20   | 53.43   | 78.83   | -999.25 | 1.06    |
| 1702.4604 | 53.46   | 52.97   | 78.83   | 1.11    | -999.25 |
| 1702.6128 | 48.75   | 54.55   | 89.74   | -999.25 | 1.03    |
| 1702.7652 | 52.46   | 55.87   | -999.25 | 1.11    | 0.99    |
| 1702.9176 | 60.34   | 56.58   | -999.25 | 1.06    | -999.25 |
| 1703.0700 | 52.74   | 55.71   | 87.32   | -999.25 | 1.00    |
| 1703.2224 | 44.73   | 53.93   | 80.04   | 1.04    | -999.25 |
| 1703.3748 | 52.67   | 54.58   | -999.25 | -999.25 | 0.90    |
| 1703.5272 | 57.86   | 53.88   | 89.74   | 1.00    | -999.25 |
| 1703.6796 | 54.82   | 53.22   | -999.25 | -999.25 | 0.88    |
| 1703.8320 | 64.34   | 54.19   | 81.26   | 1.01    | -999.25 |
| 1703.9844 | 64.37   | 55.08   | 92.77   | -999.25 | 0.91    |
| 1704.1368 | 60.02   | 56.55   | -999.25 | 1.04    | -999.25 |
| 1704.2892 | 54.13   | 55.44   | -999.25 | -999.25 | 0.88    |
| 1704.4416 | 52.63   | 55.04   | 103.08  | 1.15    | 1.02    |
| 1704.5940 | 68.60   | 58.27   | 89.74   | 1.22    | -999.25 |
| 1704.7464 | 50.77   | 56.70   | -999.25 | 1.25    | 1.21    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1686.9156 | 0.84  | 1.88  | 106.71  | 0.82    | 0.80    |
| 1687.0680 | 1.42  | 1.76  | -999.25 | 0.80    | 0.78    |
| 1687.2204 | 1.63  | 1.54  | -999.25 | 0.79    | 0.78    |
| 1687.3728 | 1.17  | 1.37  | 97.02   | 0.78    | 0.76    |
| 1687.5252 | 1.29  | 1.25  | -999.25 | 0.78    | 0.75    |
| 1687.6776 | 2.33  | 1.23  | -999.25 | 0.77    | 0.75    |
| 1687.8300 | 3.18  | 1.20  | 112.78  | 0.76    | 0.75    |
| 1687.9824 | 2.28  | 1.31  | 100.65  | 0.79    | -999.25 |
| 1688.1348 | 2.36  | 1.51  | -999.25 | -999.25 | 0.76    |
| 1688.2872 | 2.49  | 1.77  | 107.93  | -999.25 | -999.25 |
| 1688.4396 | 2.56  | 1.99  | -999.25 | -999.25 | -999.25 |
| 1688.5920 | 1.65  | 1.83  | 83.68   | 0.91    | 0.98    |
| 1688.7444 | 1.34  | 1.89  | 86.11   | 0.95    | -999.25 |
| 1688.8968 | 1.45  | 1.95  | -999.25 | -999.25 | 0.96    |
| 1689.0492 | 2.09  | 2.12  | -999.25 | -999.25 | -999.25 |
| 1689.2016 | 2.66  | 1.99  | 104.29  | 0.87    | -999.25 |
| 1689.3540 | 2.00  | 1.97  | -999.25 | -999.25 | 0.86    |
| 1689.5064 | 2.09  | 1.96  | 103.08  | -999.25 | -999.25 |
| 1689.6588 | 2.58  | 1.99  | -999.25 | 0.76    | -999.25 |
| 1689.8112 | 3.99  | 2.09  | 112.78  | -999.25 | 0.67    |
| 1689.9636 | 7.65  | 2.23  | -999.25 | 0.82    | -999.25 |
| 1690.1160 | 10.31 | 2.65  | 110.35  | -999.25 | 0.68    |
| 1690.2684 | 7.68  | 3.07  | -999.25 | -999.25 | -999.25 |
| 1690.4208 | 7.64  | 3.75  | 98.23   | 0.97    | -999.25 |
| 1690.5732 | 9.53  | 3.99  | 87.32   | -999.25 | 1.02    |
| 1690.7256 | 11.46 | 4.79  | -999.25 | -999.25 | -999.25 |
| 1690.8780 | 14.41 | 6.07  | 80.04   | 1.00    | -999.25 |
| 1691.0304 | 7.83  | 7.21  | -999.25 | 0.96    | 1.02    |
| 1691.1828 | 6.31  | 8.42  | 95.80   | -999.25 | 0.98    |
| 1691.3352 | 7.50  | 8.68  | -999.25 | 0.92    | 0.85    |
| 1691.4876 | 9.01  | 8.71  | 90.96   | -999.25 | -999.25 |
| 1691.6400 | 12.06 | 8.89  | -999.25 | 0.90    | -999.25 |
| 1691.7924 | 15.97 | 9.88  | 82.47   | -999.25 | 0.87    |
| 1691.9448 | 23.69 | 10.56 | 92.17   | 0.88    | 0.85    |
| 1692.0972 | 30.56 | 11.52 | 97.02   | -999.25 | -999.25 |
| 1692.2496 | 38.94 | 12.14 | -999.25 | 0.88    | -999.25 |
| 1692.4020 | 14.83 | 11.57 | 105.50  | -999.25 | 0.87    |
| 1692.5544 | 4.71  | 10.07 | 101.87  | -999.25 | -999.25 |
| 1692.7068 | 2.37  | 7.19  | -999.25 | 0.81    | 0.78    |
| 1692.8592 | 2.23  | 6.17  | 92.17   | 0.79    | -999.25 |
| 1693.0116 | 3.51  | 5.75  | -999.25 | -999.25 | 0.72    |
| 1693.1640 | 7.19  | 5.77  | -999.25 | 0.80    | -999.25 |
| 1693.3164 | 14.43 | 5.71  | 94.59   | -999.25 | 0.75    |
| 1693.4688 | 16.88 | 5.66  | -999.25 | 0.80    | -999.25 |
| 1693.6212 | 20.02 | 5.60  | 93.38   | -999.25 | 0.74    |
| 1693.7736 | 17.58 | 5.46  | -999.25 | 0.83    | 0.77    |
| 1693.9260 | 13.95 | 5.57  | -999.25 | 0.91    | -999.25 |
| 1694.0784 | 5.25  | 5.60  | 88.53   | -999.25 | 0.92    |
| 1694.2308 | 1.50  | 4.38  | -999.25 | 0.94    | -999.25 |
| 1694.3832 | 1.27  | 4.04  | 90.96   | -999.25 | 0.89    |
| 1694.5356 | 2.22  | 3.83  | 101.87  | 0.90    | -999.25 |
| 1694.6880 | 2.15  | 3.20  | -999.25 | -999.25 | 0.86    |
| 1694.8404 | 1.72  | 2.75  | 100.65  | 0.84    | 0.76    |
| 1694.9928 | 1.38  | 2.25  | -999.25 | 0.80    | -999.25 |
| 1695.1452 | 1.36  | 2.00  | 97.02   | 0.80    | 0.71    |
| 1695.2976 | 1.33  | 1.71  | -999.25 | 0.77    | 0.68    |
| 1695.4500 | 1.58  | 1.63  | 97.02   | -999.25 | -999.25 |
| 1695.6024 | 3.57  | 1.66  | -999.25 | 0.79    | 0.67    |
| 1695.7548 | 5.84  | 1.95  | -999.25 | 0.83    | 0.72    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1677.9240 | 67.28 | 74.83 | 78.82   | 0.77    | 0.70    |
| 1678.0764 | 68.97 | 71.16 | 78.72   | 0.81    | 0.78    |
| 1678.2288 | 62.23 | 69.61 | 76.78   | 0.86    | 0.91    |
| 1678.3812 | 57.80 | 69.61 | 93.06   | 0.89    | 0.88    |
| 1678.5336 | 54.52 | 67.85 | 87.83   | 0.87    | 0.86    |
| 1678.6860 | 62.46 | 67.41 | 89.57   | 0.87    | 0.84    |
| 1678.8384 | 65.82 | 64.39 | 88.41   | 0.85    | 0.83    |
| 1678.9908 | 53.29 | 61.08 | 94.23   | 0.82    | 0.80    |
| 1679.1432 | 46.70 | 58.22 | -999.25 | 0.80    | 0.77    |
| 1679.2956 | 36.18 | 53.07 | 95.97   | 0.78    | 0.75    |
| 1679.4480 | 33.66 | 49.64 | 104.03  | 0.75    | 0.72    |
| 1679.6004 | 31.26 | 44.76 | 105.27  | 0.74    | 0.69    |
| 1679.7528 | 33.00 | 43.49 | 95.39   | 0.74    | 0.67    |
| 1679.9052 | 42.58 | 42.41 | 79.34   | 0.76    | 0.69    |
| 1680.0576 | 44.58 | 42.00 | 80.27   | 0.82    | 0.80    |
| 1680.2100 | 31.19 | 37.33 | 73.88   | 0.89    | 0.93    |
| 1680.3624 | 28.47 | 35.98 | 68.64   | 0.91    | 0.94    |
| 1680.5148 | 38.37 | 35.40 | 72.13   | 0.90    | 0.92    |
| 1680.6672 | 25.93 | 32.02 | 81.43   | 0.90    | 0.88    |
| 1680.8196 | 24.46 | 32.37 | 73.29   | 0.88    | 0.88    |
| 1680.9720 | 27.68 | 30.76 | 79.69   | 0.85    | 0.82    |
| 1681.1244 | 19.67 | 28.85 | 83.70   | 0.83    | 0.74    |
| 1681.2768 | 24.54 | 28.90 | 84.92   | 0.82    | 0.76    |
| 1681.4292 | 45.04 | 29.06 | 81.27   | 0.86    | 0.81    |
| 1681.5816 | 51.99 | 29.45 | 83.67   | 0.88    | 0.87    |
| 1681.7340 | 62.32 | 32.05 | 86.83   | 0.87    | 0.86    |
| 1681.8864 | 53.86 | 32.63 | 87.86   | 0.87    | 0.84    |
| 1682.0388 | 52.64 | 33.57 | 92.09   | 0.87    | 0.85    |
| 1682.1912 | 74.95 | 39.05 | 90.57   | 0.87    | 0.85    |
| 1682.3436 | 82.87 | 41.62 | 91.13   | 0.85    | -999.25 |
| 1682.4960 | 81.81 | 48.02 | 93.06   | -999.25 | 0.81    |
| 1682.6484 | 75.46 | 60.56 | 98.88   | 0.84    | 0.82    |
| 1682.8008 | 55.03 | 61.32 | 105.86  | 0.83    | 0.80    |
| 1682.9532 | 36.31 | 56.88 | 101.59  | 0.80    | 0.78    |
| 1683.1056 | 27.91 | 50.95 | 98.10   | 0.78    | 0.75    |
| 1683.2580 | 33.12 | 49.00 | 96.09   | 0.77    | 0.74    |
| 1683.4104 | 40.81 | 48.05 | 94.37   | 0.77    | 0.74    |
| 1683.5628 | 51.03 | 48.71 | 96.42   | 0.78    | 0.75    |
| 1683.7152 | 70.74 | 47.68 | 90.51   | 0.80    | 0.78    |
| 1683.8676 | 54.12 | 45.85 | 89.08   | 0.81    | 0.82    |
| 1684.0200 | 45.74 | 43.67 | 86.81   | 0.82    | 0.81    |
| 1684.1724 | 30.74 | 38.96 | 85.42   | 0.83    | 0.82    |
| 1684.3248 | 31.87 | 39.15 | 87.08   | 0.82    | 0.82    |
| 1684.4772 | 37.21 | 39.16 | 87.48   | 0.82    | 0.82    |
| 1684.6296 | 33.03 | 40.93 | 90.96   | 0.81    | 0.80    |
| 1684.7820 | 29.35 | 38.01 | -999.25 | 0.79    | 0.78    |
| 1684.9344 | 30.71 | 38.40 | 98.23   | 0.78    | 0.77    |
| 1685.0868 | 42.71 | 36.93 | -999.25 | 0.77    | 0.75    |
| 1685.2392 | 34.85 | 34.54 | -999.25 | 0.76    | 0.74    |
| 1685.3916 | 20.76 | 30.29 | 99.44   | 0.77    | 0.73    |
| 1685.5440 | 20.88 | 29.28 | -999.25 | 0.80    | 0.78    |
| 1685.6964 | 28.07 | 29.73 | 97.02   | 0.86    | 0.88    |
| 1685.8488 | 28.59 | 28.67 | -999.25 | 0.88    | 0.90    |
| 1686.0012 | 36.77 | 29.68 | -999.25 | 0.89    | 0.89    |
| 1686.1536 | 26.05 | 27.40 | 95.80   | 0.89    | 0.89    |
| 1686.3060 | 8.58  | 19.93 | -999.25 | 0.88    | 0.88    |
| 1686.4584 | 1.47  | 6.01  | -999.25 | 0.87    | 0.85    |
| 1686.6108 | 0.78  | 3.30  | 90.96   | 0.85    | 0.83    |
| 1686.7632 | 0.73  | 2.29  | -999.25 | 0.83    | 0.82    |

|           |        |       |         |         |         |
|-----------|--------|-------|---------|---------|---------|
| 1668.9324 | 90.16  | 46.81 | -999.25 | 0.85    | -999.25 |
| 1669.0848 | 67.14  | 48.82 | 82.60   | -999.25 | 0.82    |
| 1669.2372 | 67.07  | 59.65 | -999.25 | -999.25 | -999.25 |
| 1669.3896 | 84.24  | 73.07 | -999.25 | 0.87    | -999.25 |
| 1669.5420 | 63.50  | 66.26 | 87.25   | 0.87    | 0.81    |
| 1669.6944 | 39.54  | 64.15 | -999.25 | -999.25 | -999.25 |
| 1669.8468 | 37.86  | 59.40 | 70.97   | 0.87    | 0.79    |
| 1669.9992 | 50.52  | 60.03 | -999.25 | -999.25 | -999.25 |
| 1670.1516 | 54.73  | 57.85 | 74.46   | 0.86    | -999.25 |
| 1670.3040 | 34.83  | 49.72 | 84.92   | -999.25 | 0.81    |
| 1670.4564 | 38.58  | 49.37 | -999.25 | 0.86    | 0.80    |
| 1670.6088 | 61.95  | 49.11 | -999.25 | 0.84    | 0.79    |
| 1670.7612 | 72.04  | 49.88 | 83.76   | -999.25 | -999.25 |
| 1670.9136 | 90.86  | 49.53 | -999.25 | 0.81    | 0.77    |
| 1671.0660 | 68.65  | 50.48 | 81.43   | -999.25 | 0.74    |
| 1671.2184 | 77.54  | 56.47 | 96.55   | 0.78    | 0.72    |
| 1671.3708 | 95.65  | 60.17 | -999.25 | 0.76    | 0.71    |
| 1671.5232 | 76.44  | 61.10 | 88.41   | 0.73    | -999.25 |
| 1671.6756 | 74.06  | 63.83 | 87.25   | -999.25 | 0.69    |
| 1671.8280 | 56.99  | 70.75 | -999.25 | 0.68    | -999.25 |
| 1671.9804 | 47.84  | 68.20 | 94.23   | -999.25 | 0.64    |
| 1672.1328 | 55.27  | 68.85 | 97.72   | -999.25 | -999.25 |
| 1672.2852 | 55.37  | 64.53 | 95.39   | 0.69    | -999.25 |
| 1672.4376 | 49.39  | 61.08 | 96.55   | -999.25 | -999.25 |
| 1672.5900 | 38.42  | 56.21 | -999.25 | -999.25 | 0.62    |
| 1672.7424 | 40.03  | 53.22 | 98.88   | 0.79    | -999.25 |
| 1672.8948 | 37.89  | 47.67 | -999.25 | -999.25 | 0.67    |
| 1673.0472 | 33.93  | 45.32 | 95.97   | -999.25 | -999.25 |
| 1673.1996 | 24.58  | 37.86 | 79.11   | 0.90    | 0.87    |
| 1673.3520 | 22.28  | 36.32 | 75.30   | -999.25 | -999.25 |
| 1673.5044 | 36.70  | 36.12 | 69.85   | 0.96    | 0.98    |
| 1673.6568 | 55.12  | 36.31 | 70.93   | 0.97    | 0.95    |
| 1673.8092 | 49.24  | 35.55 | 67.27   | -999.25 | -999.25 |
| 1673.9616 | 45.74  | 35.89 | 69.22   | 0.92    | -999.25 |
| 1674.1140 | 46.33  | 36.71 | 73.84   | -999.25 | 0.87    |
| 1674.2664 | 47.55  | 36.93 | 72.85   | -999.25 | -999.25 |
| 1674.4188 | 52.63  | 38.81 | 76.37   | 0.84    | 0.78    |
| 1674.5712 | 48.13  | 39.47 | 75.91   | 0.82    | 0.74    |
| 1674.7236 | 44.58  | 45.22 | 76.67   | 0.80    | -999.25 |
| 1674.8760 | 43.42  | 47.69 | 73.15   | -999.25 | 0.74    |
| 1675.0284 | 42.22  | 46.72 | 78.24   | 0.79    | -999.25 |
| 1675.1808 | 47.18  | 46.34 | 83.41   | 0.78    | 0.74    |
| 1675.3332 | 67.63  | 49.27 | 85.44   | -999.25 | 0.72    |
| 1675.4856 | 62.44  | 49.00 | 86.57   | 0.78    | -999.25 |
| 1675.6380 | 62.13  | 52.08 | 90.30   | 0.78    | 0.73    |
| 1675.7904 | 57.09  | 50.74 | 95.48   | 0.77    | 0.72    |
| 1675.9428 | 45.69  | 50.56 | 87.91   | 0.76    | -999.25 |
| 1676.0952 | 88.16  | 56.12 | 96.55   | -999.25 | 0.72    |
| 1676.2476 | 103.70 | 58.07 | 98.10   | 0.73    | -999.25 |
| 1676.4000 | 55.25  | 59.40 | 98.24   | 0.72    | 0.69    |
| 1676.5524 | 71.92  | 65.51 | 100.04  | 0.71    | 0.67    |
| 1676.7048 | 90.39  | 67.53 | 95.68   | 0.71    | 0.65    |
| 1676.8572 | 63.52  | 64.70 | 94.23   | 0.68    | 0.62    |
| 1677.0096 | 60.67  | 67.11 | 94.81   | 0.67    | 0.61    |
| 1677.1620 | 73.21  | 66.81 | 95.97   | 0.65    | 0.60    |
| 1677.3144 | 89.09  | 73.30 | 92.48   | 0.66    | 0.60    |
| 1677.4668 | 90.23  | 78.09 | 83.76   | 0.68    | 0.62    |
| 1677.6192 | 75.83  | 71.37 | 80.85   | 0.71    | 0.69    |
| 1677.7716 | 65.43  | 71.76 | 79.11   | 0.74    | 0.72    |

|           |       |         |         |         |         |
|-----------|-------|---------|---------|---------|---------|
| 1660.0932 | 44.14 | 57.29   | -999.25 | -999.25 | 0.57    |
| 1660.2456 | 40.68 | 56.47   | 87.25   | -999.25 | -999.25 |
| 1660.3980 | 35.60 | 51.96   | 80.27   | 0.79    | -999.25 |
| 1660.5504 | 23.43 | 42.64   | -999.25 | 0.87    | 0.79    |
| 1660.7028 | 24.69 | 40.49   | 72.13   | -999.25 | 0.80    |
| 1660.8552 | 32.93 | 37.22   | -999.25 | -999.25 | -999.25 |
| 1661.0076 | 38.60 | 36.89   | -999.25 | 0.91    | -999.25 |
| 1661.1600 | 51.97 | 36.80   | 76.78   | -999.25 | 0.87    |
| 1661.3124 | 56.93 | 37.12   | 79.11   | -999.25 | -999.25 |
| 1661.4648 | 54.86 | 37.01   | -999.25 | -999.25 | -999.25 |
| 1661.6172 | 44.00 | 37.10   | 81.43   | 0.80    | -999.25 |
| 1661.7696 | 45.70 | 37.76   | -999.25 | -999.25 | -999.25 |
| 1661.9220 | 52.66 | 39.78   | -999.25 | -999.25 | 0.74    |
| 1662.0744 | 61.66 | 47.19   | -999.25 | 0.79    | -999.25 |
| 1662.2268 | 49.37 | 47.42   | 76.78   | -999.25 | 0.72    |
| 1662.3792 | 40.08 | 49.74   | 84.92   | 0.80    | -999.25 |
| 1662.5316 | 49.62 | 50.15   | -999.25 | -999.25 | 0.74    |
| 1662.6840 | 64.52 | 51.66   | -999.25 | -999.25 | -999.25 |
| 1662.8364 | 59.38 | 50.52   | 94.23   | 0.81    | 0.76    |
| 1662.9888 | 49.30 | 50.59   | -999.25 | 0.80    | -999.25 |
| 1663.1412 | 44.79 | 50.73   | -999.25 | -999.25 | 0.75    |
| 1663.2936 | 62.13 | 53.74   | -999.25 | 0.80    | -999.25 |
| 1663.4460 | 75.52 | 53.87   | 102.37  | 0.79    | 0.74    |
| 1663.5984 | 62.39 | 53.85   | -999.25 | 0.78    | 0.74    |
| 1663.7508 | 66.68 | 57.10   | -999.25 | -999.25 | 0.72    |
| 1663.9032 | 55.52 | 58.19   | 83.76   | 0.78    | -999.25 |
| 1664.0556 | 48.05 | 56.68   | -999.25 | -999.25 | 0.74    |
| 1664.2080 | 50.87 | 55.51   | -999.25 | -999.25 | -999.25 |
| 1664.3604 | 54.86 | 55.80   | 97.72   | 0.78    | -999.25 |
| 1664.5128 | 59.83 | 57.80   | -999.25 | -999.25 | 0.70    |
| 1664.6652 | 60.50 | 59.66   | -999.25 | 0.81    | -999.25 |
| 1664.8176 | 47.32 | 54.62   | -999.25 | -999.25 | 0.74    |
| 1664.9700 | 40.64 | 52.54   | 82.60   | 0.84    | -999.25 |
| 1665.1224 | 44.90 | 51.13   | -999.25 | -999.25 | 0.81    |
| 1665.2748 | 47.01 | 49.29   | 83.76   | 0.82    | -999.25 |
| 1665.4272 | 38.54 | 47.29   | -999.25 | -999.25 | -999.25 |
| 1665.5796 | 39.64 | 47.23   | -999.25 | -999.25 | 0.78    |
| 1665.7320 | 47.41 | 46.66   | 69.81   | 0.79    | -999.25 |
| 1665.8844 | 35.30 | 43.12   | -999.25 | -999.25 | 0.74    |
| 1666.0368 | 30.46 | 40.56   | -999.25 | 0.76    | -999.25 |
| 1666.1892 | 41.82 | 40.54   | 68.64   | -999.25 | 0.72    |
| 1666.3416 | 50.20 | 40.96   | -999.25 | -999.25 | -999.25 |
| 1666.4940 | 37.76 | 39.93   | 72.71   | -999.25 | -999.25 |
| 1666.6464 | 39.67 | 40.00   | -999.25 | -999.25 | -999.25 |
| 1666.7988 | 47.16 | 39.95   | -999.25 | 0.73    | -999.25 |
| 1666.9512 | 43.71 | 41.01   | 73.29   | -999.25 | 0.69    |
| 1667.1036 | 47.30 | 41.30   | 79.11   | 0.68    | -999.25 |
| 1667.2560 | 53.60 | 41.84   | 76.78   | -999.25 | 0.66    |
| 1667.4084 | 57.59 | 45.41   | -999.25 | -999.25 | -999.25 |
| 1667.5608 | 45.76 | 46.08   | 91.90   | 0.65    | -999.25 |
| 1667.7132 | 26.38 | 40.29   | 86.09   | -999.25 | -999.25 |
| 1667.8656 | 21.80 | 37.19   | 76.78   | -999.25 | 0.60    |
| 1668.0180 | 41.48 | 41.08   | 93.06   | -999.25 | -999.25 |
| 1668.1704 | 63.41 | 39.99   | -999.25 | 0.68    | -999.25 |
| 1668.3228 | 56.49 | 42.29   | 87.25   | -999.25 | -999.25 |
| 1668.4752 | 69.21 | 42.88   | -999.25 | -999.25 | 0.60    |
| 1668.6276 | 62.48 | 44.22   |         |         |         |
| 83.76     | 0.74  | -999.25 |         |         |         |
| 1668.7800 | 87.42 | 45.71   | -999.25 | -999.25 | 0.69    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1651.1016 | 30.91 | 26.28 | 88.41   | -999.25 | 0.79    |
| 1651.2540 | 28.58 | 27.64 | -999.25 | -999.25 | -999.25 |
| 1651.4064 | 19.25 | 28.07 | -999.25 | 0.87    | -999.25 |
| 1651.5588 | 20.62 | 27.61 | 81.43   | -999.25 | 0.79    |
| 1651.7112 | 30.35 | 26.71 | -999.25 | 0.88    | -999.25 |
| 1651.8636 | 31.12 | 26.41 | 84.92   | -999.25 | 0.76    |
| 1652.0160 | 36.04 | 26.14 | -999.25 | 0.89    | -999.25 |
| 1652.1684 | 31.63 | 26.34 | 70.97   | -999.25 | 0.91    |
| 1652.3208 | 26.86 | 27.44 | -999.25 | -999.25 | -999.25 |
| 1652.4732 | 29.54 | 27.61 | 84.92   | 0.88    | -999.25 |
| 1652.6256 | 39.03 | 28.49 | -999.25 | -999.25 | 0.82    |
| 1652.7780 | 40.25 | 29.25 | 76.78   | 0.87    | -999.25 |
| 1652.9304 | 32.99 | 32.50 | 76.78   | -999.25 | 0.86    |
| 1653.0828 | 34.87 | 33.09 | -999.25 | 0.82    | -999.25 |
| 1653.2352 | 36.83 | 33.77 | -999.25 | -999.25 | 0.70    |
| 1653.3876 | 46.41 | 35.58 | 79.11   | -999.25 | -999.25 |
| 1653.5400 | 54.87 | 36.09 | 82.60   | 1.00    | -999.25 |
| 1653.6924 | 39.31 | 37.22 | -999.25 | -999.25 | 0.97    |
| 1653.8448 | 27.12 | 36.18 | 63.99   | -999.25 | -999.25 |
| 1653.9972 | 19.84 | 33.13 | -999.25 | 0.97    | -999.25 |
| 1654.1496 | 21.30 | 31.35 | -999.25 | -999.25 | 0.95    |
| 1654.3020 | 30.01 | 31.37 | 84.92   | 0.99    | -999.25 |
| 1654.4544 | 32.98 | 31.34 | -999.25 | -999.25 | 0.86    |
| 1654.6068 | 41.60 | 32.31 | 73.29   | -999.25 | -999.25 |
| 1654.7592 | 40.36 | 31.82 | 68.64   | 0.86    | -999.25 |
| 1654.9116 | 34.24 | 30.78 | -999.25 | -999.25 | -999.25 |
| 1655.0640 | 50.88 | 31.53 | 88.41   | 0.84    | 0.77    |
| 1655.2164 | 62.42 | 32.68 | -999.25 | -999.25 | 0.78    |
| 1655.3688 | 60.54 | 36.18 | 91.90   | 0.82    | -999.25 |
| 1655.5212 | 70.58 | 42.82 | -999.25 | -999.25 | 0.78    |
| 1655.6736 | 79.63 | 48.16 | -999.25 | 0.78    | -999.25 |
| 1655.8260 | 82.15 | 52.30 | -999.25 | -999.25 | 0.71    |
| 1655.9784 | 84.30 | 58.57 | -999.25 | 0.78    | -999.25 |
| 1656.1308 | 88.71 | 60.36 | 84.92   | -999.25 | 0.67    |
| 1656.2832 | 72.49 | 67.22 | -999.25 | 0.93    | 0.72    |
| 1656.4356 | 43.05 | 65.05 | 68.64   | -999.25 | -999.25 |
| 1656.5880 | 21.23 | 49.10 | -999.25 | 1.09    | -999.25 |
| 1656.7404 | 15.41 | 39.77 | 68.64   | 1.01    | 1.35    |
| 1656.8928 | 19.35 | 36.50 | -999.25 | -999.25 | 0.97    |
| 1657.0452 | 35.29 | 35.74 | -999.25 | 0.91    | -999.25 |
| 1657.1976 | 50.24 | 34.64 | 77.95   | -999.25 | 0.84    |
| 1657.3500 | 50.12 | 33.86 | 82.60   | -999.25 | -999.25 |
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| 1657.6548 | 40.25 | 31.01 | -999.25 | -999.25 | 0.75    |
| 1657.8072 | 34.05 | 29.63 | 57.01   | 1.02    | -999.25 |
| 1657.9596 | 27.50 | 28.67 | -999.25 | 1.08    | 1.08    |
| 1658.1120 | 23.53 | 30.46 | -999.25 | 1.02    | 1.18    |
| 1658.2644 | 23.48 | 32.88 | -999.25 | -999.25 | -999.25 |
| 1658.4168 | 24.51 | 32.62 | -999.25 | -999.25 | 0.98    |
| 1658.5692 | 33.76 | 32.60 | 83.76   | 0.87    | -999.25 |
| 1658.7216 | 47.18 | 32.35 | -999.25 | -999.25 | 0.89    |
| 1658.8740 | 52.28 | 32.78 | 80.27   | -999.25 | -999.25 |
| 1659.0264 | 71.57 | 33.82 | -999.25 | -999.25 | -999.25 |
| 1659.1788 | 75.43 | 35.47 | 96.55   | -999.25 | -999.25 |
| 1659.3312 | 75.27 | 37.95 | -999.25 | 0.68    | -999.25 |
| 1659.4836 | 72.18 | 42.21 | 100.04  | -999.25 | 0.64    |
| 1659.6360 | 56.41 | 46.73 | -999.25 | 0.66    | -999.25 |
| 1659.7884 | 54.40 | 53.05 | 98.88   | -999.25 | 0.60    |
| 1659.9408 | 52.72 | 58.72 | 95.39   | 0.66    | -999.25 |



|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1642.1100 | 44.64 | 42.65 | -999.25 | 0.79    | 0.64    |
| 1642.2624 | 48.97 | 40.19 | -999.25 | -999.25 | 0.70    |
| 1642.4148 | 46.96 | 40.70 | 68.64   | 0.85    | 0.88    |
| 1642.5672 | 45.90 | 40.83 | -999.25 | 0.86    | -999.25 |
| 1642.7196 | 35.91 | 38.88 | -999.25 | -999.25 | 0.81    |
| 1642.8720 | 35.93 | 38.69 | 87.25   | 0.84    | 0.79    |
| 1643.0244 | 40.94 | 39.30 | -999.25 | 0.81    | -999.25 |
| 1643.1768 | 46.69 | 42.18 | -999.25 | -999.25 | 0.75    |
| 1643.3292 | 42.67 | 41.87 | 90.74   | 0.77    | -999.25 |
| 1643.4816 | 28.88 | 39.65 | 90.74   | -999.25 | 0.74    |
| 1643.6340 | 25.50 | 36.71 | 90.16   | 0.72    | -999.25 |
| 1643.7864 | 32.28 | 36.59 | -999.25 | -999.25 | 0.63    |
| 1643.9388 | 55.37 | 37.60 | 95.39   | 0.75    | -999.25 |
| 1644.0912 | 50.19 | 37.10 | -999.25 | -999.25 | 0.66    |
| 1644.2436 | 43.37 | 39.00 | 76.78   | 0.82    | 0.74    |
| 1644.3960 | 70.05 | 41.24 | -999.25 | 0.91    | -999.25 |
| 1644.5484 | 70.77 | 42.41 | 69.81   | -999.25 | 0.88    |
| 1644.7008 | 33.68 | 38.61 | -999.25 | 0.95    | -999.25 |
| 1644.8532 | 29.26 | 38.87 | 74.46   | 0.93    | 0.95    |
| 1645.0056 | 28.83 | 38.59 | 75.62   | -999.25 | 0.89    |
| 1645.1580 | 25.40 | 38.82 | 88.41   | 0.89    | -999.25 |
| 1645.3104 | 35.42 | 39.43 | 74.46   | -999.25 | 0.83    |
| 1645.4628 | 35.60 | 36.02 | -999.25 | -999.25 | -999.25 |
| 1645.6152 | 39.91 | 37.90 | 75.62   | 0.83    | -999.25 |
| 1645.7676 | 53.66 | 37.20 | -999.25 | -999.25 | -999.25 |
| 1645.9200 | 58.35 | 37.09 | 90.74   | -999.25 | 0.77    |
| 1646.0724 | 65.08 | 36.86 | -999.25 | 0.81    | -999.25 |
| 1646.2248 | 54.74 | 40.52 | -999.25 | -999.25 | -999.25 |
| 1646.3772 | 80.64 | 43.92 | -999.25 | -999.25 | 0.76    |
| 1646.5296 | 75.90 | 49.08 | 82.60   | -999.25 | -999.25 |
| 1646.6820 | 70.48 | 56.38 | -999.25 | 0.79    | 0.73    |
| 1646.8344 | 72.09 | 57.14 | 88.41   | 0.79    | 0.75    |
| 1646.9868 | 49.52 | 61.89 | -999.25 | 0.78    | 0.75    |
| 1647.1392 | 43.02 | 58.35 | 95.39   | -999.25 | -999.25 |
| 1647.2916 | 47.12 | 59.97 | -999.25 | 0.76    | 0.71    |
| 1647.4440 | 50.15 | 56.50 | 93.06   | 0.74    | -999.25 |
| 1647.5964 | 70.03 | 60.76 | 96.55   | -999.25 | 0.69    |
| 1647.7488 | 59.36 | 57.42 | 89.57   | 0.72    | -999.25 |
| 1647.9012 | 36.38 | 51.35 | -999.25 | -999.25 | 0.68    |
| 1648.0536 | 39.72 | 50.47 | -999.25 | -999.25 | -999.25 |
| 1648.2060 | 44.13 | 47.24 | 100.04  | 0.70    | 0.66    |
| 1648.3584 | 36.46 | 44.39 | -999.25 | 0.69    | 0.63    |
| 1648.5108 | 40.41 | 45.29 | 87.25   | -999.25 | 0.61    |
| 1648.6632 | 38.12 | 43.24 | -999.25 | 0.69    | 0.63    |
| 1648.8156 | 21.54 | 36.87 | 90.74   | 0.75    | -999.25 |
| 1648.9680 | 25.19 | 36.93 | -999.25 | -999.25 | 0.66    |
| 1649.1204 | 43.64 | 34.67 | -999.25 | 0.89    | -999.25 |
| 1649.2728 | 37.13 | 34.37 | 72.13   | -999.25 | 0.86    |
| 1649.4252 | 27.44 | 32.64 | 76.78   | -999.25 | -999.25 |
| 1649.5776 | 22.61 | 30.39 | -999.25 | -999.25 | -999.25 |
| 1649.7300 | 19.46 | 27.48 | -999.25 | 0.78    | -999.25 |
| 1649.8824 | 15.60 | 24.85 | 77.95   | -999.25 | 0.69    |
| 1650.0348 | 20.73 | 24.34 | -999.25 | 0.74    | -999.25 |
| 1650.1872 | 41.90 | 25.15 | -999.25 | -999.25 | 0.62    |
| 1650.3396 | 41.84 | 27.34 | 77.95   | -999.25 | -999.25 |
| 1650.4920 | 42.25 | 27.36 | -999.25 | 0.85    | 0.84    |
| 1650.6444 | 32.11 | 26.16 | -999.25 | -999.25 | -999.25 |
| 1650.7968 | 21.60 | 24.73 | 76.78   | 0.88    | 0.93    |
| 1650.9492 | 23.48 | 25.35 | -999.25 | 0.88    | 0.88    |

|           |        |       |         |         |         |
|-----------|--------|-------|---------|---------|---------|
| 1633.1184 | 41.42  | 47.55 | 75.62   | -999.25 | 0.75    |
| 1633.2708 | 40.43  | 46.99 | -999.25 | 0.78    | 0.74    |
| 1633.4232 | 44.97  | 46.25 | -999.25 | -999.25 | -999.25 |
| 1633.5756 | 46.56  | 44.86 | 74.46   | 0.76    | 0.70    |
| 1633.7280 | 52.74  | 44.94 | -999.25 | 0.76    | -999.25 |
| 1633.8804 | 59.68  | 45.46 | 84.92   | 0.75    | 0.71    |
| 1634.0328 | 56.82  | 45.43 | -999.25 | -999.25 | 0.72    |
| 1634.1852 | 57.11  | 48.11 | -999.25 | 0.74    | -999.25 |
| 1634.3376 | 47.47  | 48.08 | 77.95   | -999.25 | 0.66    |
| 1634.4900 | 39.06  | 47.13 | -999.25 | -999.25 | -999.25 |
| 1634.6424 | 46.01  | 49.22 | 75.62   | -999.25 | -999.25 |
| 1634.7948 | 48.72  | 49.08 | -999.25 | 0.74    | -999.25 |
| 1634.9472 | 38.61  | 47.50 | 83.76   | 0.74    | 0.69    |
| 1635.0996 | 41.69  | 47.90 | -999.25 | 0.77    | -999.25 |
| 1635.2520 | 53.39  | 47.61 | 70.97   | -999.25 | 0.70    |
| 1635.4044 | 51.77  | 46.75 | -999.25 | 0.83    | 0.84    |
| 1635.5568 | 50.27  | 46.59 | 73.29   | 0.83    | -999.25 |
| 1635.7092 | 40.26  | 43.76 | 77.95   | -999.25 | 0.81    |
| 1635.8616 | 38.84  | 44.64 | 76.78   | 0.80    | -999.25 |
| 1636.0140 | 45.18  | 45.13 | -999.25 | -999.25 | 0.79    |
| 1636.1664 | 38.84  | 43.10 | 87.25   | -999.25 | -999.25 |
| 1636.3188 | 38.96  | 43.13 | 84.92   | 0.77    | -999.25 |
| 1636.4712 | 37.97  | 42.94 | 82.60   | -999.25 | 0.76    |
| 1636.6236 | 31.75  | 40.50 | 84.92   | -999.25 | -999.25 |
| 1636.7760 | 39.01  | 40.53 | 79.11   | 0.69    | -999.25 |
| 1636.9284 | 55.07  | 40.89 | 90.74   | -999.25 | 0.66    |
| 1637.0808 | 60.25  | 41.65 | 80.27   | -999.25 | -999.25 |
| 1637.2332 | 65.58  | 44.37 | -999.25 | 0.66    | 0.61    |
| 1637.3856 | 86.94  | 47.25 | 87.25   | -999.25 | -999.25 |
| 1637.5380 | 92.14  | 49.30 | -999.25 | 0.73    | -999.25 |
| 1637.6904 | 64.34  | 52.30 | 88.99   | -999.25 | 0.63    |
| 1637.8428 | 61.47  | 54.34 | 77.95   | -999.25 | -999.25 |
| 1637.9952 | 54.31  | 57.02 | -999.25 | 0.89    | 0.97    |
| 1638.1476 | 19.34  | 44.55 | 57.01   | 0.92    | -999.25 |
| 1638.3000 | 14.23  | 37.78 | 63.99   | -999.25 | 0.94    |
| 1638.4524 | 22.40  | 36.04 | 61.67   | -999.25 | -999.25 |
| 1638.6048 | 33.11  | 34.26 | 74.46   | 0.84    | 0.80    |
| 1638.7572 | 26.65  | 31.06 | -999.25 | 0.80    | -999.25 |
| 1638.9096 | 25.72  | 28.85 | 72.13   | -999.25 | 0.74    |
| 1639.0620 | 31.67  | 27.51 | 81.43   | 0.78    | 0.70    |
| 1639.2144 | 58.68  | 28.60 | -999.25 | 0.75    | 0.69    |
| 1639.3668 | 131.08 | 28.89 | 72.13   | 0.74    | -999.25 |
| 1639.5192 | 62.60  | 29.01 | 74.46   | -999.25 | 0.69    |
| 1639.6716 | 47.68  | 35.12 | -999.25 | 0.74    | 0.69    |
| 1639.8240 | 53.21  | 41.36 | 82.60   | 0.73    | 0.71    |
| 1639.9764 | 63.93  | 44.11 | -999.25 | 0.72    | 0.69    |
| 1640.1288 | 61.19  | 46.72 | 86.09   | 0.71    | 0.66    |
| 1640.2812 | 62.05  | 54.38 | 95.39   | 0.70    | 0.66    |
| 1640.4336 | 69.22  | 60.53 | -999.25 | -999.25 | 0.66    |
| 1640.5860 | 66.16  | 66.25 | 83.76   | 0.68    | -999.25 |
| 1640.7384 | 78.23  | 63.82 | -999.25 | -999.25 | 0.64    |
| 1640.8908 | 63.74  | 59.85 | 91.90   | 0.67    | -999.25 |
| 1641.0432 | 42.12  | 58.07 | 88.41   | 0.66    | 0.61    |
| 1641.1956 | 45.26  | 59.06 | -999.25 | 0.66    | -999.25 |
| 1641.3480 | 47.49  | 56.58 | 84.92   | -999.25 | 0.60    |
| 1641.5004 | 38.76  | 52.74 | -999.25 | 0.69    | 0.65    |
| 1641.6528 | 31.13  | 48.01 | 68.64   | 0.71    | 0.67    |
| 1641.8052 | 31.99  | 45.47 | 72.13   | -999.25 | 0.68    |
| 1641.9576 | 36.92  | 42.81 | -999.25 | 0.73    | -999.25 |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1624.1268 | 48.78 | 48.83 | -999.25 | 0.84    | -999.25 |
| 1624.2792 | 49.83 | 48.34 | -999.25 | -999.25 | 0.76    |
| 1624.4316 | 72.06 | 52.54 | -999.25 | -999.25 | -999.25 |
| 1624.5840 | 59.73 | 53.26 | -999.25 | 0.86    | -999.25 |
| 1624.7364 | 52.75 | 54.63 | 77.95   | -999.25 | 0.80    |
| 1624.8888 | 50.37 | 54.38 | -999.25 | 0.87    | -999.25 |
| 1625.0412 | 47.96 | 53.24 | 86.09   | -999.25 | 0.82    |
| 1625.1936 | 66.13 | 56.32 | 72.13   | 0.86    | -999.25 |
| 1625.3460 | 70.25 | 56.55 | 75.62   | -999.25 | 0.81    |
| 1625.4984 | 47.40 | 53.83 | 83.76   | 0.84    | -999.25 |
| 1625.6508 | 27.20 | 47.76 | -999.25 | -999.25 | 0.78    |
| 1625.8032 | 23.94 | 43.64 | 83.76   | -999.25 | -999.25 |
| 1625.9556 | 39.69 | 43.10 | -999.25 | 0.83    | -999.25 |
| 1626.1080 | 50.51 | 42.50 | -999.25 | 0.83    | 0.77    |
| 1626.2604 | 35.33 | 39.89 | 94.23   | -999.25 | 0.77    |
| 1626.4128 | 30.23 | 38.21 | -999.25 | 0.81    | -999.25 |
| 1626.5652 | 47.47 | 39.82 | -999.25 | -999.25 | 0.77    |
| 1626.7176 | 58.32 | 37.62 | -999.25 | 0.78    | -999.25 |
| 1626.8700 | 56.32 | 38.74 | 103.53  | 0.78    | 0.73    |
| 1627.0224 | 48.85 | 37.80 | 95.39   | -999.25 | 0.70    |
| 1627.1748 | 35.04 | 41.37 | -999.25 | -999.25 | -999.25 |
| 1627.3272 | 31.69 | 40.97 | -999.25 | 0.81    | -999.25 |
| 1627.4796 | 39.57 | 41.34 | -999.25 | -999.25 | 0.72    |
| 1627.6320 | 54.85 | 41.50 | 87.25   | -999.25 | -999.25 |
| 1627.7844 | 52.49 | 44.77 | -999.25 | -999.25 | -999.25 |
| 1627.9368 | 47.45 | 46.09 | -999.25 | 0.86    | -999.25 |
| 1628.0892 | 53.17 | 45.69 | 72.13   | -999.25 | 0.80    |
| 1628.2416 | 54.67 | 45.61 | 77.95   | 0.88    | -999.25 |
| 1628.3940 | 31.81 | 40.61 | -999.25 | 0.90    | 0.87    |
| 1628.5464 | 25.26 | 38.84 | 76.78   | 0.92    | 0.94    |
| 1628.6988 | 24.63 | 36.99 | -999.25 | -999.25 | 0.99    |
| 1628.8512 | 28.85 | 37.92 | 76.78   | 0.93    | 0.92    |
| 1629.0036 | 41.48 | 37.31 | -999.25 | 0.84    | -999.25 |
| 1629.1560 | 52.65 | 37.70 | 88.41   | 0.92    | 0.91    |
| 1629.3084 | 52.65 | 37.33 | -999.25 | -999.25 | 0.88    |
| 1629.4608 | 52.89 | 38.33 | 88.41   | 0.90    | -999.25 |
| 1629.6132 | 55.03 | 37.51 | -999.25 | -999.25 | -999.25 |
| 1629.7656 | 52.05 | 38.06 | 79.11   | -999.25 | 0.85    |
| 1629.9180 | 60.57 | 42.24 | 82.60   | -999.25 | -999.25 |
| 1630.0704 | 69.51 | 47.10 | -999.25 | 0.89    | -999.25 |
| 1630.2228 | 54.72 | 52.05 | 88.41   | -999.25 | 0.85    |
| 1630.3752 | 28.27 | 46.78 | -999.25 | 0.91    | -999.25 |
| 1630.5276 | 28.37 | 46.64 | 75.62   | -999.25 | 0.84    |
| 1630.6800 | 28.77 | 40.77 | 73.29   | -999.25 | -999.25 |
| 1630.8324 | 24.04 | 38.52 | -999.25 | 0.91    | -999.25 |
| 1630.9848 | 25.26 | 34.89 | 72.13   | -999.25 | 0.92    |
| 1631.1372 | 27.02 | 33.64 | -999.25 | -999.25 | -999.25 |
| 1631.2896 | 35.87 | 32.90 | -999.25 | 0.86    | -999.25 |
| 1631.4420 | 41.68 | 32.02 | 69.81   | -999.25 | 0.80    |
| 1631.5944 | 50.83 | 31.79 | 76.78   | 0.81    | -999.25 |
| 1631.7468 | 53.38 | 31.93 | -999.25 | -999.25 | 0.76    |
| 1631.8992 | 51.84 | 35.41 | 77.95   | 0.79    | 0.74    |
| 1632.0516 | 60.86 | 36.29 | 84.92   | 0.78    | -999.25 |
| 1632.2040 | 63.26 | 40.90 | -999.25 | -999.25 | 0.73    |
| 1632.3564 | 54.91 | 43.71 | 76.78   | 0.78    | -999.25 |
| 1632.5088 | 53.21 | 49.29 | -999.25 | -999.25 | 0.74    |
| 1632.6612 | 42.41 | 49.53 | 67.48   | 0.80    | -999.25 |
| 1632.8136 | 36.87 | 49.66 | -999.25 | -999.25 | 0.77    |
| 1632.9660 | 42.65 | 49.80 | -999.25 | 0.79    | -999.25 |

|           |        |       |         |         |         |
|-----------|--------|-------|---------|---------|---------|
| 1615.1352 | 74.34  | 77.22 | 83.76   | -999.25 | -999.25 |
| 1615.2876 | 39.62  | 69.02 | -999.25 | 0.86    | -999.25 |
| 1615.4400 | 48.93  | 67.94 | 91.90   | -999.25 | 0.80    |
| 1615.5924 | 70.17  | 66.02 | 88.41   | 0.85    | -999.25 |
| 1615.7448 | 54.44  | 63.15 | 88.41   | -999.25 | 0.78    |
| 1615.8972 | 59.92  | 61.00 | -999.25 | 0.86    | 0.81    |
| 1616.0496 | 57.81  | 58.30 | -999.25 | 0.86    | -999.25 |
| 1616.2020 | 74.62  | 61.85 | 94.23   | -999.25 | 0.81    |
| 1616.3544 | 90.81  | 62.06 | -999.25 | 0.86    | 0.77    |
| 1616.5068 | 52.56  | 56.43 | 86.09   | 0.85    | -999.25 |
| 1616.6592 | 51.80  | 57.86 | -999.25 | -999.25 | 0.79    |
| 1616.8116 | 75.23  | 65.22 | 81.43   | -999.25 | -999.25 |
| 1616.9640 | 63.09  | 61.10 | -999.25 | 0.83    | -999.25 |
| 1617.1164 | 44.82  | 59.02 | -999.25 | -999.25 | 0.82    |
| 1617.2688 | 46.48  | 58.84 | 84.92   | 0.82    | 0.78    |
| 1617.4212 | 58.94  | 58.82 | 98.88   | -999.25 | -999.25 |
| 1617.5736 | 76.61  | 61.93 | 63.99   | 0.80    | 0.74    |
| 1617.7260 | 116.72 | 62.37 | -999.25 | -999.25 | -999.25 |
| 1617.8784 | 87.93  | 61.66 | 83.76   | 0.78    | 0.73    |
| 1618.0308 | 58.38  | 63.88 | 88.41   | 0.77    | -999.25 |
| 1618.1832 | 41.70  | 58.29 | 90.74   | -999.25 | 0.69    |
| 1618.3356 | 48.86  | 58.52 | -999.25 | -999.25 | -999.25 |
| 1618.4880 | 88.51  | 61.56 | -999.25 | 0.77    | 0.71    |
| 1618.6404 | 59.81  | 62.62 | 95.39   | -999.25 | -999.25 |
| 1618.7928 | 42.08  | 59.90 | -999.25 | 0.77    | 0.72    |
| 1618.9452 | 47.36  | 59.52 | 75.62   | -999.25 | 0.73    |
| 1619.0976 | 69.10  | 58.90 | -999.25 | 0.78    | 0.72    |
| 1619.2500 | 42.39  | 50.49 | -999.25 | -999.25 | -999.25 |
| 1619.4024 | 24.24  | 43.57 | 91.90   | 0.84    | -999.25 |
| 1619.5548 | 23.27  | 40.05 | -999.25 | -999.25 | 0.72    |
| 1619.7072 | 27.43  | 39.30 | 80.27   | 0.91    | -999.25 |
| 1619.8596 | 34.48  | 37.48 | -999.25 | -999.25 | 0.91    |
| 1620.0120 | 43.95  | 36.05 | 83.76   | 0.96    | -999.25 |
| 1620.1644 | 47.10  | 36.26 | 77.95   | -999.25 | -999.25 |
| 1620.3168 | 49.79  | 37.03 | -999.25 | -999.25 | 0.88    |
| 1620.4692 | 50.27  | 36.58 | -999.25 | -999.25 | -999.25 |
| 1620.6216 | 49.30  | 35.50 | 94.23   | 0.97    | 0.93    |
| 1620.7740 | 52.67  | 37.86 | -999.25 | -999.25 | 0.91    |
| 1620.9264 | 60.72  | 43.09 | 83.76   | 0.96    | 0.92    |
| 1621.0788 | 71.98  | 48.54 | -999.25 | 0.95    | -999.25 |
| 1621.2312 | 59.66  | 51.89 | 84.92   | 0.95    | 0.89    |
| 1621.3836 | 52.28  | 53.69 | -999.25 | -999.25 | 0.88    |
| 1621.5360 | 57.52  | 54.95 | -999.25 | 0.94    | 0.88    |
| 1621.6884 | 62.76  | 56.93 | 96.55   | -999.25 | -999.25 |
| 1621.8408 | 55.68  | 56.27 | -999.25 | 0.94    | -999.25 |
| 1621.9932 | 36.07  | 52.27 | 86.09   | -999.25 | 0.87    |
| 1622.1456 | 41.66  | 54.01 | -999.25 | 0.96    | -999.25 |
| 1622.2980 | 39.63  | 49.06 | 76.78   | -999.25 | 0.87    |
| 1622.4504 | 37.27  | 48.57 | -999.25 | -999.25 | -999.25 |
| 1622.6028 | 41.41  | 44.58 | 77.95   | 0.99    | -999.25 |
| 1622.7552 | 50.88  | 47.24 | -999.25 | -999.25 | 0.98    |
| 1622.9076 | 47.35  | 43.80 | 63.99   | -999.25 | -999.25 |
| 1623.0600 | 38.03  | 43.58 | 73.29   | 0.96    | 0.91    |
| 1623.2124 | 44.27  | 41.39 | -999.25 | 0.94    | -999.25 |
| 1623.3648 | 45.92  | 42.17 | -999.25 | -999.25 | 0.91    |
| 1623.5172 | 54.18  | 44.82 | 73.29   | 0.91    | 0.85    |
| 1623.6696 | 54.67  | 44.31 | 81.43   | -999.25 | -999.25 |
| 1623.8220 | 50.67  | 47.15 | -999.25 | 0.86    | -999.25 |
| 1623.9744 | 58.83  | 48.54 | 77.95   | -999.25 | 0.79    |

|           |        |        |         |         |         |
|-----------|--------|--------|---------|---------|---------|
| 1606.1436 | 54.16  | 67.15  | 88.41   | -999.25 | 0.85    |
| 1606.2960 | 54.88  | 65.31  | 87.25   | -999.25 | -999.25 |
| 1606.4484 | 57.00  | 65.30  | 95.39   | 0.89    | -999.25 |
| 1606.6008 | 59.57  | 62.34  | -999.25 | -999.25 | 0.84    |
| 1606.7532 | 70.52  | 62.89  | 96.55   | -999.25 | -999.25 |
| 1606.9056 | 72.04  | 62.55  | -999.25 | 0.84    | -999.25 |
| 1607.0580 | 63.11  | 62.22  | 93.06   | -999.25 | -999.25 |
| 1607.2104 | 63.32  | 62.59  | 101.20  | -999.25 | 0.78    |
| 1607.3628 | 77.86  | 63.39  | -999.25 | 0.82    | 0.76    |
| 1607.5152 | 73.08  | 63.80  | -999.25 | -999.25 | -999.25 |
| 1607.6676 | 69.54  | 66.85  | -999.25 | 0.85    | -999.25 |
| 1607.8200 | 82.08  | 69.13  | 91.90   | -999.25 | 0.76    |
| 1607.9724 | 77.59  | 71.29  | -999.25 | -999.25 | -999.25 |
| 1608.1248 | 66.17  | 70.77  | 76.78   | -999.25 | -999.25 |
| 1608.2772 | 47.11  | 64.78  | -999.25 | 0.85    | -999.25 |
| 1608.4296 | 43.78  | 62.80  | 73.29   | -999.25 | 0.83    |
| 1608.5820 | 49.82  | 61.42  | -999.25 | 0.80    | -999.25 |
| 1608.7344 | 58.70  | 61.84  | -999.25 | -999.25 | 0.74    |
| 1608.8868 | 65.05  | 59.57  | 84.92   | -999.25 | -999.25 |
| 1609.0392 | 63.40  | 60.28  | -999.25 | 0.76    | 0.69    |
| 1609.1916 | 57.25  | 57.45  | 79.11   | -999.25 | -999.25 |
| 1609.3440 | 56.65  | 56.55  | 80.27   | -999.25 | -999.25 |
| 1609.4964 | 64.55  | 55.78  | -999.25 | 0.78    | 0.70    |
| 1609.6488 | 60.22  | 55.61  | -999.25 | 0.79    | 0.74    |
| 1609.8012 | 59.58  | 58.69  | 74.46   | 0.84    | 0.81    |
| 1609.9536 | 56.84  | 59.06  | 91.90   | -999.25 | -999.25 |
| 1610.1060 | 58.82  | 60.89  | -999.25 | 0.85    | 0.79    |
| 1610.2584 | 28.45  | 48.65  | -999.25 | 0.86    | -999.25 |
| 1610.4108 | 27.00  | 48.18  | 98.88   | -999.25 | 0.80    |
| 1610.5632 | 45.67  | 45.92  | -999.25 | 0.86    | -999.25 |
| 1610.7156 | 51.75  | 47.34  | -999.25 | -999.25 | 0.80    |
| 1610.8680 | 77.22  | 47.99  | 89.57   | -999.25 | -999.25 |
| 1611.0204 | 102.66 | 50.06  | -999.25 | 0.84    | -999.25 |
| 1611.1728 | 80.00  | 49.96  | 98.88   | -999.25 | 0.79    |
| 1611.3252 | 85.24  | 52.73  | -999.25 | 0.82    | -999.25 |
| 1611.4776 | 127.37 | 55.34  | 101.20  | -999.25 | 0.76    |
| 1611.6300 | 90.69  | 56.27  | -999.25 | 0.81    | -999.25 |
| 1611.7824 | 108.86 | 77.66  | -999.25 | -999.25 | 0.75    |
| 1611.9348 | 121.94 | 83.30  | 82.60   | -999.25 | -999.25 |
| 1612.0872 | 116.75 | 97.94  | -999.25 | -999.25 | -999.25 |
| 1612.2396 | 104.94 | 99.55  | -999.25 | 0.82    | 0.76    |
| 1612.3920 | 92.67  | 102.26 | 87.25   | 0.83    | -999.25 |
| 1612.5444 | 116.78 | 101.93 | 90.74   | -999.25 | 0.78    |
| 1612.6968 | 120.94 | 111.95 | 84.92   | 0.86    | -999.25 |
| 1612.8492 | 89.14  | 103.01 | -999.25 | -999.25 | 0.81    |
| 1613.0016 | 86.00  | 103.22 | 82.60   | -999.25 | -999.25 |
| 1613.1540 | 93.19  | 103.64 | -999.25 | 0.86    | 0.83    |
| 1613.3064 | 82.37  | 97.29  | 82.60   | 0.84    | -999.25 |
| 1613.4588 | 82.29  | 95.80  | -999.25 | -999.25 | 0.79    |
| 1613.6112 | 67.00  | 86.57  | 90.74   | 0.82    | -999.25 |
| 1613.7636 | 63.69  | 85.66  | -999.25 | -999.25 | 0.75    |
| 1613.9160 | 86.24  | 85.38  | 82.60   | -999.25 | -999.25 |
| 1614.0684 | 91.24  | 82.29  | -999.25 | 0.83    | -999.25 |
| 1614.2208 | 78.25  | 79.28  | 80.27   | -999.25 | 0.75    |
| 1614.3732 | 95.62  | 83.33  | -999.25 | 0.90    | -999.25 |
| 1614.5256 | 93.32  | 80.44  | 94.23   | -999.25 | 0.84    |
| 1614.6780 | 68.83  | 78.37  | -999.25 | 0.90    | -999.25 |
| 1614.8304 | 61.71  | 75.50  | 94.23   | -999.25 | -999.25 |
| 1614.9828 | 88.84  | 79.49  | -999.25 | -999.25 | 0.85    |

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|           |        |       |         |         |         |
|-----------|--------|-------|---------|---------|---------|
| 1597.1520 | 63.27  | 61.06 | -999.25 | -999.25 | -999.25 |
| 1597.3044 | 65.43  | 60.09 | -999.25 | 0.91    | -999.25 |
| 1597.4568 | 85.65  | 62.34 | 87.25   | -999.25 | -999.25 |
| 1597.6092 | 90.00  | 62.72 | 94.23   | -999.25 | 0.83    |
| 1597.7616 | 75.84  | 61.58 | -999.25 | 0.89    | -999.25 |
| 1597.9140 | 65.62  | 74.24 | -999.25 | -999.25 | 0.82    |
| 1598.0664 | 77.69  | 76.14 | -999.25 | -999.25 | -999.25 |
| 1598.2188 | 68.82  | 75.17 | 96.55   | 0.90    | -999.25 |
| 1598.3712 | 70.73  | 73.88 | -999.25 | -999.25 | 0.82    |
| 1598.5236 | 86.10  | 73.77 | -999.25 | -999.25 | -999.25 |
| 1598.6760 | 64.64  | 74.25 | -999.25 | 0.89    | -999.25 |
| 1598.8284 | 66.11  | 73.94 | -999.25 | -999.25 | 0.84    |
| 1598.9808 | 54.60  | 67.59 | -999.25 | 0.86    | -999.25 |
| 1599.1332 | 70.79  | 70.79 | -999.25 | -999.25 | 0.80    |
| 1599.2856 | 114.64 | 71.92 | 83.76   | -999.25 | -999.25 |
| 1599.4380 | 85.47  | 74.52 | -999.25 | 0.85    | -999.25 |
| 1599.5904 | 75.99  | 71.63 | -999.25 | -999.25 | 0.79    |
| 1599.7428 | 72.22  | 75.29 | 82.60   | -999.25 | -999.25 |
| 1599.8952 | 58.33  | 68.67 | -999.25 | 0.85    | -999.25 |
| 1600.0476 | 62.32  | 70.58 | -999.25 | -999.25 | -999.25 |
| 1600.2000 | 73.98  | 70.56 | -999.25 | -999.25 | 0.79    |
| 1600.3524 | 60.36  | 69.17 | 82.60   | 0.85    | -999.25 |
| 1600.5048 | 65.80  | 73.81 | -999.25 | -999.25 | 0.78    |
| 1600.6572 | 55.88  | 65.74 | -999.25 | 0.86    | -999.25 |
| 1600.8096 | 67.55  | 67.73 | -999.25 | 0.91    | 0.80    |
| 1600.9620 | 64.31  | 62.57 | -999.25 | -999.25 | -999.25 |
| 1601.1144 | 55.13  | 63.45 | 79.11   | -999.25 | 0.82    |
| 1601.2668 | 55.23  | 59.41 | -999.25 | -999.25 | -999.25 |
| 1601.4192 | 49.84  | 61.18 | -999.25 | 0.92    | -999.25 |
| 1601.5716 | 53.68  | 57.64 | 87.25   | -999.25 | -999.25 |
| 1601.7240 | 54.11  | 57.68 | -999.25 | -999.25 | 0.87    |
| 1601.8764 | 49.76  | 55.38 | -999.25 | -999.25 | -999.25 |
| 1602.0288 | 54.61  | 55.68 | 94.23   | -999.25 | -999.25 |
| 1602.1812 | 71.35  | 57.87 | -999.25 | -999.25 | -999.25 |
| 1602.3336 | 64.40  | 55.23 | -999.25 | 0.88    | -999.25 |
| 1602.4860 | 51.19  | 55.32 | 80.27   | -999.25 | -999.25 |
| 1602.6384 | 52.87  | 54.76 | -999.25 | -999.25 | 0.82    |
| 1602.7908 | 67.22  | 57.37 | 81.43   | -999.25 | -999.25 |
| 1602.9432 | 58.52  | 56.61 | -999.25 | 0.85    | -999.25 |
| 1603.0956 | 57.82  | 58.26 | -999.25 | -999.25 | -999.25 |
| 1603.2480 | 73.15  | 59.87 | 73.29   | -999.25 | 0.80    |
| 1603.4004 | 70.04  | 62.50 | -999.25 | -999.25 | -999.25 |
| 1603.5528 | 63.55  | 61.78 | -999.25 | 0.83    | -999.25 |
| 1603.7052 | 63.74  | 61.22 | -999.25 | -999.25 | 0.77    |
| 1603.8576 | 71.37  | 62.95 | 90.74   | -999.25 | -999.25 |
| 1604.0100 | 75.21  | 66.28 | 82.60   | -999.25 | -999.25 |
| 1604.1624 | 59.68  | 64.71 | -999.25 | 0.76    | -999.25 |
| 1604.3148 | 58.74  | 64.45 | -999.25 | -999.25 | -999.25 |
| 1604.4672 | 92.16  | 70.40 | 102.37  | -999.25 | 0.73    |
| 1604.6196 | 90.51  | 70.09 | -999.25 | -999.25 | -999.25 |
| 1604.7720 | 72.78  | 70.33 | -999.25 | 0.74    | -999.25 |
| 1604.9244 | 64.79  | 68.97 | -999.25 | -999.25 | 0.69    |
| 1605.0768 | 76.08  | 72.99 | 87.25   | -999.25 | -999.25 |
| 1605.2292 | 88.91  | 73.48 | -999.25 | 0.76    | -999.25 |
| 1605.3816 | 70.69  | 72.85 | 90.74   | -999.25 | 0.69    |
| 1605.5340 | 66.72  | 71.70 | -999.25 | -999.25 | -999.25 |
| 1605.6864 | 63.10  | 73.82 | 74.46   | 0.86    | -999.25 |
| 1605.8388 | 69.76  | 74.57 | -999.25 | -999.25 | 0.81    |
| 1605.9912 | 65.81  | 69.37 | -999.25 | 0.90    | -999.25 |

|           |        |       |         |         |         |
|-----------|--------|-------|---------|---------|---------|
| 1588.1604 | 84.04  | 85.59 | 102.37  | -999.25 | -999.25 |
| 1588.3128 | 96.52  | 89.54 | -999.25 | -999.25 | 0.73    |
| 1588.4652 | 100.25 | 91.29 | -999.25 | -999.25 | -999.25 |
| 1588.6176 | 99.81  | 91.53 | 82.60   | 1.02    | -999.25 |
| 1588.7700 | 93.11  | 91.62 | -999.25 | -999.25 | 1.04    |
| 1588.9224 | 51.45  | 78.58 | 70.97   | -999.25 | -999.25 |
| 1589.0748 | 47.87  | 77.44 | -999.25 | -999.25 | -999.25 |
| 1589.2272 | 51.23  | 67.78 | -999.25 | 0.96    | -999.25 |
| 1589.3796 | 44.27  | 65.71 | 74.46   | -999.25 | 0.94    |
| 1589.5320 | 53.61  | 64.11 | -999.25 | 0.89    | -999.25 |
| 1589.6844 | 54.52  | 60.58 | -999.25 | -999.25 | -999.25 |
| 1589.8368 | 55.63  | 58.41 | 77.95   | -999.25 | 0.82    |
| 1589.9892 | 82.75  | 59.07 | -999.25 | -999.25 | -999.25 |
| 1590.1416 | 59.33  | 54.09 | -999.25 | 0.87    | -999.25 |
| 1590.2940 | 60.20  | 55.24 | 77.95   | -999.25 | 0.80    |
| 1590.4464 | 67.28  | 56.90 | -999.25 | -999.25 | -999.25 |
| 1590.5988 | 58.67  | 57.69 | 73.29   | 0.88    | -999.25 |
| 1590.7512 | 95.56  | 63.44 | -999.25 | -999.25 | -999.25 |
| 1590.9036 | 65.43  | 63.00 | -999.25 | 0.89    | 0.82    |
| 1591.0560 | 71.15  | 67.37 | -999.25 | -999.25 | -999.25 |
| 1591.2084 | 74.64  | 67.19 | -999.25 | -999.25 | 0.81    |
| 1591.3608 | 64.25  | 69.63 | 90.74   | 0.88    | -999.25 |
| 1591.5132 | 103.51 | 69.45 | -999.25 | -999.25 | 0.81    |
| 1591.6656 | 63.25  | 70.66 | 88.41   | -999.25 | -999.25 |
| 1591.8180 | 58.72  | 69.05 | -999.25 | 0.89    | -999.25 |
| 1591.9704 | 46.53  | 64.61 | -999.25 | -999.25 | -999.25 |
| 1592.1228 | 46.15  | 64.90 | -999.25 | 0.90    | 0.83    |
| 1592.2752 | 53.34  | 58.36 | 79.11   | -999.25 | 0.83    |
| 1592.4276 | 49.58  | 61.03 | -999.25 | -999.25 | -999.25 |
| 1592.5800 | 59.78  | 56.60 | -999.25 | 0.88    | -999.25 |
| 1592.7324 | 66.54  | 59.84 | -999.25 | -999.25 | 0.83    |
| 1592.8848 | 67.79  | 57.12 | 108.18  | -999.25 | -999.25 |
| 1593.0372 | 54.53  | 54.21 | -999.25 | -999.25 | -999.25 |
| 1593.1896 | 40.53  | 51.87 | 82.60   | 0.86    | 0.78    |
| 1593.3420 | 19.89  | 39.85 | -999.25 | -999.25 | -999.25 |
| 1593.4944 | 29.05  | 45.73 | 80.27   | 0.86    | -999.25 |
| 1593.6468 | 87.25  | 43.37 | -999.25 | -999.25 | 0.79    |
| 1593.7992 | 42.49  | 43.81 | -999.25 | -999.25 | -999.25 |
| 1593.9516 | 49.22  | 43.32 | -999.25 | 0.91    | -999.25 |
| 1594.1040 | 71.84  | 44.92 | 74.46   | -999.25 | 0.84    |
| 1594.2564 | 68.48  | 43.48 | -999.25 | -999.25 | -999.25 |
| 1594.4088 | 62.12  | 44.38 | -999.25 | 0.90    | -999.25 |
| 1594.5612 | 57.21  | 43.80 | 77.95   | -999.25 | -999.25 |
| 1594.7136 | 48.44  | 46.03 | -999.25 | -999.25 | 0.85    |
| 1594.8660 | 56.87  | 61.39 | -999.25 | 0.88    | -999.25 |
| 1595.0184 | 69.64  | 56.46 | 83.76   | -999.25 | -999.25 |
| 1595.1708 | 57.95  | 57.31 | -999.25 | -999.25 | 0.83    |
| 1595.3232 | 55.63  | 60.24 | -999.25 | -999.25 | -999.25 |
| 1595.4756 | 59.04  | 59.62 | 94.23   | 0.84    | -999.25 |
| 1595.6280 | 60.14  | 58.34 | -999.25 | -999.25 | 0.77    |
| 1595.7804 | 83.34  | 61.54 | 88.41   | -999.25 | -999.25 |
| 1595.9328 | 74.85  | 60.26 | -999.25 | -999.25 | -999.25 |
| 1596.0852 | 68.49  | 63.80 | -999.25 | 0.88    | -999.25 |
| 1596.2376 | 81.99  | 67.10 | 89.57   | -999.25 | 0.80    |
| 1596.3900 | 36.22  | 56.56 | -999.25 | 0.94    | -999.25 |
| 1596.5424 | 35.21  | 56.46 | -999.25 | -999.25 | 0.89    |
| 1596.6948 | 65.12  | 57.80 | 97.72   | 0.94    | -999.25 |
| 1596.8472 | 82.42  | 60.45 | -999.25 | -999.25 | -999.25 |
| 1596.9996 | 96.56  | 62.56 | 87.25   | -999.25 | 0.89    |

|           |        |        |         |         |         |
|-----------|--------|--------|---------|---------|---------|
| 1579.1688 | 52.12  | 42.07  | -999.25 | -999.25 | -999.25 |
| 1579.3212 | 52.51  | 42.72  | 77.95   | 0.88    | -999.25 |
| 1579.4736 | 51.76  | 43.67  | -999.25 | -999.25 | 0.80    |
| 1579.6260 | 49.53  | 43.24  | -999.25 | 0.90    | -999.25 |
| 1579.7784 | 50.41  | 44.69  | -999.25 | -999.25 | 0.84    |
| 1579.9308 | 54.81  | 47.22  | 76.78   | 0.90    | -999.25 |
| 1580.0832 | 52.16  | 48.50  | 87.25   | -999.25 | 0.83    |
| 1580.2356 | 46.83  | 49.13  | -999.25 | -999.25 | -999.25 |
| 1580.3880 | 47.06  | 50.63  | 77.95   | -999.25 | -999.25 |
| 1580.5404 | 41.65  | 48.62  | -999.25 | 0.93    | -999.25 |
| 1580.6928 | 39.08  | 47.54  | 72.13   | -999.25 | 0.91    |
| 1580.8452 | 48.51  | 47.88  | -999.25 | 0.88    | -999.25 |
| 1580.9976 | 41.16  | 45.40  | -999.25 | -999.25 | -999.25 |
| 1581.1500 | 46.67  | 47.32  | 88.41   | -999.25 | 0.81    |
| 1581.3024 | 75.47  | 48.29  | -999.25 | -999.25 | -999.25 |
| 1581.4548 | 99.11  | 51.28  | -999.25 | 0.90    | 0.80    |
| 1581.6072 | 88.25  | 52.24  | 81.43   | -999.25 | -999.25 |
| 1581.7596 | 56.91  | 53.35  | -999.25 | -999.25 | -999.25 |
| 1581.9120 | 53.04  | 53.58  | 65.15   | -999.25 | -999.25 |
| 1582.0644 | 72.61  | 59.90  | -999.25 | 0.91    | -999.25 |
| 1582.2168 | 82.27  | 62.59  | -999.25 | 0.90    | 0.86    |
| 1582.3692 | 60.52  | 62.98  | 72.13   | -999.25 | 0.88    |
| 1582.5216 | 91.32  | 75.14  | -999.25 | 0.86    | -999.25 |
| 1582.6740 | 153.29 | 77.54  | -999.25 | -999.25 | -999.25 |
| 1582.8264 | 120.30 | 81.17  | -999.25 | -999.25 | 0.78    |
| 1582.9788 | 101.01 | 77.77  | 79.11   | -999.25 | -999.25 |
| 1583.1312 | 100.90 | 83.08  | -999.25 | 0.83    | -999.25 |
| 1583.2836 | 102.58 | 88.54  | 89.57   | -999.25 | 0.76    |
| 1583.4360 | 85.09  | 94.20  | -999.25 | 0.82    | -999.25 |
| 1583.5884 | 88.31  | 92.56  | -999.25 | 0.89    | 0.77    |
| 1583.7408 | 105.52 | 99.20  | 84.92   | 0.82    | -999.25 |
| 1583.8932 | 99.19  | 105.09 | -999.25 | 0.82    | 0.75    |
| 1584.0456 | 101.85 | 101.48 | -999.25 | -999.25 | 0.76    |
| 1584.1980 | 104.99 | 98.86  | -999.25 | -999.25 | -999.25 |
| 1584.3504 | 103.69 | 98.81  | -999.25 | 0.82    | -999.25 |
| 1584.5028 | 104.32 | 99.47  | 90.74   | -999.25 | 0.76    |
| 1584.6552 | 101.28 | 98.88  | -999.25 | -999.25 | -999.25 |
| 1584.8076 | 129.47 | 103.65 | 91.90   | 0.82    | -999.25 |
| 1584.9600 | 106.51 | 103.73 | -999.25 | -999.25 | 0.72    |
| 1585.1124 | 97.85  | 106.08 | -999.25 | -999.25 | -999.25 |
| 1585.2648 | 119.43 | 106.16 | -999.25 | 0.88    | -999.25 |
| 1585.4172 | 107.47 | 107.86 | 77.95   | -999.25 | 0.84    |
| 1585.5696 | 99.55  | 105.65 | -999.25 | 0.93    | -999.25 |
| 1585.7220 | 84.73  | 102.80 | -999.25 | -999.25 | 0.84    |
| 1585.8744 | 88.68  | 102.13 | -999.25 | -999.25 | -999.25 |
| 1586.0268 | 91.47  | 100.03 | 77.95   | -999.25 | -999.25 |
| 1586.1792 | 77.89  | 96.30  | -999.25 | 0.92    | -999.25 |
| 1586.3316 | 82.73  | 92.00  | -999.25 | -999.25 | 0.87    |
| 1586.4840 | 82.59  | 91.51  | 87.25   | -999.25 | -999.25 |
| 1586.6364 | 88.67  | 90.24  | -999.25 | 0.90    | 0.87    |
| 1586.7888 | 82.30  | 85.59  | -999.25 | -999.25 | -999.25 |
| 1586.9412 | 73.40  | 83.72  | 97.72   | 0.82    | -999.25 |
| 1587.0936 | 89.01  | 83.88  | -999.25 | -999.25 | -999.25 |
| 1587.2460 | 91.45  | 84.95  | -999.25 | -999.25 | 0.77    |
| 1587.3984 | 95.86  | 85.09  | -999.25 | -999.25 | -999.25 |
| 1587.5508 | 91.80  | 85.01  | 87.25   | -999.25 | -999.25 |
| 1587.7032 | 106.59 | 90.41  | -999.25 | 0.78    | -999.25 |
| 1587.8556 | 90.36  | 86.51  | 96.55   | -999.25 | 0.71    |
| 1588.0080 | 69.29  | 86.76  | -999.25 | 0.83    | -999.25 |



|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1570.1772 | 94.33 | 60.06 | -999.25 | 0.97    | -999.25 |
| 1570.3296 | 82.55 | 60.64 | -999.25 | 1.01    | 0.83    |
| 1570.4820 | 73.43 | 67.03 | 66.32   | -999.25 | 1.09    |
| 1570.6344 | 64.32 | 66.00 | -999.25 | -999.25 | -999.25 |
| 1570.7868 | 62.67 | 68.10 | -999.25 | 0.97    | 0.91    |
| 1570.9392 | 60.05 | 69.08 | -999.25 | -999.25 | -999.25 |
| 1571.0916 | 49.90 | 67.90 | 76.78   | 0.94    | -999.25 |
| 1571.2440 | 52.64 | 67.18 | -999.25 | 0.87    | 0.88    |
| 1571.3964 | 62.70 | 65.65 | -999.25 | -999.25 | -999.25 |
| 1571.5488 | 68.18 | 64.12 | -999.25 | -999.25 | -999.25 |
| 1571.7012 | 67.15 | 62.14 | -999.25 | -999.25 | -999.25 |
| 1571.8536 | 63.92 | 61.34 | 90.74   | 0.86    | -999.25 |
| 1572.0060 | 98.61 | 64.95 | -999.25 | -999.25 | 0.80    |
| 1572.1584 | 81.39 | 63.90 | -999.25 | 0.84    | -999.25 |
| 1572.3108 | 56.60 | 63.54 | -999.25 | -999.25 | -999.25 |
| 1572.4632 | 80.39 | 67.54 | -999.25 | -999.25 | 0.80    |
| 1572.6156 | 79.46 | 70.19 | 91.90   | -999.25 | -999.25 |
| 1572.7680 | 68.02 | 71.70 | -999.25 | 0.76    | -999.25 |
| 1572.9204 | 86.98 | 74.87 | -999.25 | -999.25 | -999.25 |
| 1573.0728 | 67.41 | 71.53 | 93.06   | -999.25 | 0.71    |
| 1573.2252 | 72.10 | 76.03 | -999.25 | -999.25 | -999.25 |
| 1573.3776 | 91.35 | 76.68 | -999.25 | -999.25 | -999.25 |
| 1573.5300 | 64.66 | 70.34 | -999.25 | -999.25 | -999.25 |
| 1573.6824 | 75.93 | 75.65 | 88.41   | 0.90    | -999.25 |
| 1573.8348 | 61.51 | 71.76 | -999.25 | -999.25 | 0.74    |
| 1573.9872 | 50.84 | 68.19 | -999.25 | -999.25 | -999.25 |
| 1574.1396 | 49.56 | 64.71 | -999.25 | 0.96    | -999.25 |
| 1574.2920 | 46.85 | 62.53 | -999.25 | -999.25 | -999.25 |
| 1574.4444 | 52.49 | 58.95 | 77.95   | -999.25 | 0.93    |
| 1574.5968 | 53.85 | 59.74 | -999.25 | -999.25 | -999.25 |
| 1574.7492 | 46.75 | 54.15 | -999.25 | -999.25 | -999.25 |
| 1574.9016 | 40.86 | 51.43 | 94.23   | 0.92    | -999.25 |
| 1575.0540 | 51.55 | 51.94 | -999.25 | -999.25 | -999.25 |
| 1575.2064 | 55.74 | 49.02 | -999.25 | -999.25 | 0.86    |
| 1575.3588 | 55.58 | 51.02 | -999.25 | -999.25 | -999.25 |
| 1575.5112 | 50.60 | 48.98 | -999.25 | -999.25 | -999.25 |
| 1575.6636 | 45.57 | 50.12 | 86.09   | -999.25 | -999.25 |
| 1575.8160 | 51.18 | 49.86 | -999.25 | 0.86    | -999.25 |
| 1575.9684 | 63.83 | 51.87 | -999.25 | -999.25 | -999.25 |
| 1576.1208 | 62.70 | 51.20 | 87.25   | -999.25 | 0.79    |
| 1576.2732 | 58.43 | 54.28 | -999.25 | 0.85    | -999.25 |
| 1576.4256 | 75.98 | 57.90 | 93.06   | -999.25 | -999.25 |
| 1576.5780 | 60.20 | 55.98 | -999.25 | -999.25 | 0.77    |
| 1576.7304 | 51.18 | 56.85 | 79.11   | -999.25 | -999.25 |
| 1576.8828 | 53.62 | 55.57 | -999.25 | 0.92    | -999.25 |
| 1577.0352 | 53.05 | 57.45 | -999.25 | -999.25 | 0.79    |
| 1577.1876 | 53.87 | 57.73 | -999.25 | -999.25 | -999.25 |
| 1577.3400 | 47.49 | 56.46 | 79.11   | -999.25 | -999.25 |
| 1577.4924 | 39.05 | 51.79 | -999.25 | -999.25 | -999.25 |
| 1577.6448 | 42.32 | 51.95 | 83.76   | 0.92    | -999.25 |
| 1577.7972 | 46.06 | 49.43 | -999.25 | -999.25 | -999.25 |
| 1577.9496 | 42.23 | 46.84 | -999.25 | -999.25 | 0.87    |
| 1578.1020 | 46.30 | 47.11 | 76.78   | 0.89    | -999.25 |
| 1578.2544 | 44.54 | 45.59 | -999.25 | -999.25 | -999.25 |
| 1578.4068 | 35.73 | 43.30 | -999.25 | -999.25 | 0.84    |
| 1578.5592 | 35.77 | 42.10 | -999.25 | -999.25 | -999.25 |
| 1578.7116 | 39.25 | 40.86 | -999.25 | 0.89    | -999.25 |
| 1578.8640 | 39.08 | 40.55 | 76.78   | -999.25 | -999.25 |
| 1579.0164 | 43.62 | 41.77 | 69.81   | -999.25 | 0.86    |

|           |        |       |         |         |         |
|-----------|--------|-------|---------|---------|---------|
| 1561.1856 | 97.02  | 86.41 | -999.25 | -999.25 | 0.80    |
| 1561.3380 | 96.24  | 92.13 | 86.09   | 0.87    | 0.80    |
| 1561.4904 | 92.05  | 89.15 | -999.25 | -999.25 | -999.25 |
| 1561.6428 | 75.50  | 88.29 | 80.27   | 0.88    | -999.25 |
| 1561.7952 | 74.94  | 85.94 | -999.25 | -999.25 | 0.80    |
| 1561.9476 | 83.30  | 86.89 | 79.11   | -999.25 | -999.25 |
| 1562.1000 | 84.04  | 83.74 | -999.25 | -999.25 | -999.25 |
| 1562.2524 | 61.87  | 81.51 | -999.25 | -999.25 | -999.25 |
| 1562.4048 | 48.00  | 74.35 | 69.81   | 0.90    | -999.25 |
| 1562.5572 | 44.39  | 67.26 | -999.25 | -999.25 | 0.86    |
| 1562.7096 | 35.39  | 58.69 | -999.25 | 0.89    | -999.25 |
| 1562.8620 | 42.79  | 57.26 | 69.81   | -999.25 | 0.86    |
| 1563.0144 | 80.61  | 57.65 | -999.25 | -999.25 | -999.25 |
| 1563.1668 | 62.80  | 55.56 | 90.74   | -999.25 | -999.25 |
| 1563.3192 | 70.79  | 57.13 | -999.25 | 0.82    | 0.74    |
| 1563.4716 | 91.59  | 56.24 | -999.25 | -999.25 | -999.25 |
| 1563.6240 | 80.43  | 56.78 | 83.76   | -999.25 | -999.25 |
| 1563.7764 | 111.46 | 61.19 | -999.25 | -999.25 | -999.25 |
| 1563.9288 | 141.92 | 67.33 | -999.25 | 0.80    | -999.25 |
| 1564.0812 | 91.34  | 71.29 | 89.57   | -999.25 | 0.74    |
| 1564.2336 | 72.41  | 83.58 | 93.06   | 0.80    | -999.25 |
| 1564.3860 | 82.49  | 84.91 | -999.25 | -999.25 | 0.74    |
| 1564.5384 | 109.21 | 88.38 | 76.78   | 0.80    | -999.25 |
| 1564.6908 | 98.95  | 94.22 | -999.25 | -999.25 | 0.75    |
| 1564.8432 | 84.72  | 92.17 | -999.25 | -999.25 | -999.25 |
| 1564.9956 | 78.62  | 91.13 | 91.90   | 0.83    | -999.25 |
| 1565.1480 | 67.89  | 88.42 | 76.78   | 0.85    | 0.78    |
| 1565.3004 | 58.13  | 79.24 | -999.25 | -999.25 | -999.25 |
| 1565.4528 | 55.63  | 74.10 | 81.43   | -999.25 | 0.78    |
| 1565.6052 | 50.69  | 69.56 | -999.25 | 0.87    | -999.25 |
| 1565.7576 | 50.06  | 67.90 | 81.43   | -999.25 | 0.83    |
| 1565.9100 | 47.63  | 61.92 | -999.25 | -999.25 | -999.25 |
| 1566.0624 | 51.24  | 59.52 | 76.78   | 0.87    | -999.25 |
| 1566.2148 | 65.87  | 58.26 | -999.25 | -999.25 | 0.78    |
| 1566.3672 | 74.00  | 58.33 | 83.76   | 0.92    | -999.25 |
| 1566.5196 | 79.42  | 58.34 | -999.25 | -999.25 | 0.83    |
| 1566.6720 | 68.45  | 58.42 | -999.25 | -999.25 | -999.25 |
| 1566.8244 | 62.86  | 59.24 | 77.95   | 1.00    | -999.25 |
| 1566.9768 | 54.94  | 58.26 | -999.25 | -999.25 | 0.99    |
| 1567.1292 | 57.27  | 60.87 | 81.43   | -999.25 | -999.25 |
| 1567.2816 | 77.26  | 63.46 | -999.25 | 0.96    | -999.25 |
| 1567.4340 | 81.14  | 68.06 | 83.76   | -999.25 | 0.92    |
| 1567.5864 | 74.78  | 68.83 | -999.25 | 0.93    | -999.25 |
| 1567.7388 | 86.15  | 71.54 | -999.25 | 0.86    | 0.88    |
| 1567.8912 | 83.00  | 70.25 | 76.78   | -999.25 | 0.76    |
| 1568.0436 | 75.09  | 70.80 | -999.25 | -999.25 | -999.25 |
| 1568.1960 | 76.77  | 71.85 | -999.25 | 0.88    | -999.25 |
| 1568.3484 | 76.11  | 73.69 | -999.25 | -999.25 | 0.77    |
| 1568.5008 | 77.04  | 77.67 | -999.25 | 0.92    | -999.25 |
| 1568.6532 | 61.47  | 75.01 | 86.09   | 0.97    | 0.88    |
| 1568.8056 | 58.82  | 73.07 | -999.25 | -999.25 | 0.94    |
| 1568.9580 | 44.91  | 65.27 | -999.25 | -999.25 | -999.25 |
| 1569.1104 | 44.98  | 64.69 | 70.97   | 1.00    | -999.25 |
| 1569.2628 | 58.37  | 60.88 | -999.25 | 1.01    | 0.92    |
| 1569.4152 | 49.91  | 58.63 | -999.25 | -999.25 | 0.98    |
| 1569.5676 | 50.43  | 56.41 | 79.11   | 0.96    | -999.25 |
| 1569.7200 | 59.00  | 56.05 | -999.25 | -999.25 | 0.91    |
| 1569.8724 | 74.53  | 56.23 | -999.25 | -999.25 | -999.25 |
| 1570.0248 | 89.97  | 57.25 | -999.25 | -999.25 | -999.25 |

|           |        |        |         |         |         |
|-----------|--------|--------|---------|---------|---------|
| 1552.1940 | 52.79  | 36.05  | -999.25 | -999.25 | 0.71    |
| 1552.3464 | 55.54  | 36.44  | 90.74   | -999.25 | -999.25 |
| 1552.4988 | 55.34  | 35.85  | -999.25 | -999.25 | -999.25 |
| 1552.6512 | 64.62  | 36.92  | 75.62   | 0.94    | 0.92    |
| 1552.8036 | 64.89  | 36.11  | -999.25 | 0.95    | -999.25 |
| 1552.9560 | 55.63  | 37.21  | 84.92   | -999.25 | 0.89    |
| 1553.1084 | 80.47  | 54.03  | -999.25 | 0.94    | -999.25 |
| 1553.2608 | 73.35  | 59.83  | -999.25 | -999.25 | 0.89    |
| 1553.4132 | 78.81  | 64.48  | -999.25 | -999.25 | -999.25 |
| 1553.5656 | 86.64  | 65.25  | 90.74   | -999.25 | -999.25 |
| 1553.7180 | 64.36  | 67.45  | -999.25 | 0.88    | -999.25 |
| 1553.8704 | 71.97  | 68.95  | 95.39   | -999.25 | -999.25 |
| 1554.0228 | 64.03  | 69.75  | -999.25 | -999.25 | 0.83    |
| 1554.1752 | 73.31  | 70.74  | -999.25 | -999.25 | -999.25 |
| 1554.3276 | 107.14 | 76.21  | 101.20  | 0.89    | -999.25 |
| 1554.4800 | 75.20  | 75.75  | -999.25 | -999.25 | 0.81    |
| 1554.6324 | 89.98  | 77.77  | -999.25 | -999.25 | -999.25 |
| 1554.7848 | 120.96 | 82.45  | -999.25 | -999.25 | -999.25 |
| 1554.9372 | 108.41 | 82.20  | -999.25 | 0.91    | -999.25 |
| 1555.0896 | 93.19  | 83.57  | 79.11   | -999.25 | 0.85    |
| 1555.2420 | 96.79  | 89.90  | -999.25 | -999.25 | -999.25 |
| 1555.3944 | 110.28 | 90.90  | 72.13   | -999.25 | -999.25 |
| 1555.5468 | 102.53 | 100.49 | -999.25 | 0.91    | -999.25 |
| 1555.6992 | 88.23  | 94.88  | -999.25 | -999.25 | 0.86    |
| 1555.8516 | 91.61  | 97.39  | 74.46   | 0.89    | -999.25 |
| 1556.0040 | 98.78  | 100.96 | -999.25 | -999.25 | 0.82    |
| 1556.1564 | 93.55  | 98.20  | -999.25 | 0.87    | -999.25 |
| 1556.3088 | 78.38  | 92.57  | 77.95   | -999.25 | 0.82    |
| 1556.4612 | 91.34  | 94.99  | -999.25 | -999.25 | -999.25 |
| 1556.6136 | 97.38  | 93.36  | 87.25   | -999.25 | -999.25 |
| 1556.7660 | 74.18  | 89.63  | -999.25 | 0.85    | -999.25 |
| 1556.9184 | 93.75  | 90.66  | -999.25 | -999.25 | 0.79    |
| 1557.0708 | 90.01  | 87.50  | 84.92   | 0.86    | -999.25 |
| 1557.2232 | 93.94  | 91.80  | -999.25 | -999.25 | 0.79    |
| 1557.3756 | 92.80  | 87.71  | -999.25 | -999.25 | -999.25 |
| 1557.5280 | 98.58  | 91.77  | -999.25 | 0.84    | -999.25 |
| 1557.6804 | 117.40 | 91.19  | 83.76   | -999.25 | 0.78    |
| 1557.8328 | 119.64 | 99.83  | -999.25 | -999.25 | -999.25 |
| 1557.9852 | 118.02 | 95.50  | 84.92   | -999.25 | -999.25 |
| 1558.1376 | 109.81 | 102.21 | -999.25 | -999.25 | -999.25 |
| 1558.2900 | 86.94  | 99.25  | -999.25 | 0.85    | -999.25 |
| 1558.4424 | 88.52  | 100.91 | 87.25   | -999.25 | 0.80    |
| 1558.5948 | 79.49  | 96.43  | -999.25 | -999.25 | -999.25 |
| 1558.7472 | 74.42  | 95.52  | -999.25 | 0.88    | -999.25 |
| 1558.8996 | 106.05 | 99.00  | -999.25 | -999.25 | 0.80    |
| 1559.0520 | 94.77  | 94.78  | 81.43   | 0.90    | -999.25 |
| 1559.2044 | 73.47  | 89.93  | -999.25 | -999.25 | 0.84    |
| 1559.3568 | 74.74  | 86.54  | -999.25 | -999.25 | -999.25 |
| 1559.5092 | 81.75  | 84.24  | 84.92   | 0.90    | -999.25 |
| 1559.6616 | 86.46  | 83.01  | -999.25 | -999.25 | 0.87    |
| 1559.8140 | 83.13  | 83.50  | -999.25 | 0.87    | -999.25 |
| 1559.9664 | 79.10  | 81.20  | 77.95   | -999.25 | 0.82    |
| 1560.1188 | 91.88  | 85.93  | -999.25 | -999.25 | -999.25 |
| 1560.2712 | 88.86  | 84.18  | -999.25 | 0.86    | -999.25 |
| 1560.4236 | 90.17  | 83.55  | -999.25 | -999.25 | -999.25 |
| 1560.5760 | 96.46  | 84.45  | -999.25 | -999.25 | 0.82    |
| 1560.7284 | 80.89  | 85.32  | 82.60   | -999.25 | -999.25 |
| 1560.8808 | 75.21  | 84.57  | -999.25 | -999.25 | -999.25 |
| 1561.0332 | 104.80 | 89.43  | 80.27   | 0.86    | -999.25 |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1543.2024 | 29.95 | 37.54 | 76.78   | -999.25 | -999.25 |
| 1543.3548 | 37.28 | 39.88 | -999.25 | 1.06    | -999.25 |
| 1543.5072 | 44.13 | 39.51 | -999.25 | -999.25 | 0.97    |
| 1543.6596 | 36.18 | 38.92 | -999.25 | -999.25 | -999.25 |
| 1543.8120 | 29.56 | 37.00 | -999.25 | 1.15    | -999.25 |
| 1543.9644 | 25.40 | 34.54 | 79.11   | -999.25 | 1.09    |
| 1544.1168 | 24.70 | 32.48 | -999.25 | -999.25 | -999.25 |
| 1544.2692 | 25.12 | 31.42 | -999.25 | 1.12    | -999.25 |
| 1544.4216 | 28.46 | 30.21 | 97.72   | -999.25 | -999.25 |
| 1544.5740 | 26.66 | 29.22 | -999.25 | -999.25 | 1.18    |
| 1544.7264 | 26.96 | 29.55 | -999.25 | -999.25 | -999.25 |
| 1544.8788 | 35.37 | 28.97 | -999.25 | -999.25 | -999.25 |
| 1545.0312 | 47.33 | 29.82 | -999.25 | 0.97    | -999.25 |
| 1545.1836 | 37.31 | 29.11 | 90.74   | -999.25 | -999.25 |
| 1545.3360 | 39.99 | 31.48 | -999.25 | -999.25 | 0.93    |
| 1545.4884 | 52.22 | 33.00 | -999.25 | -999.25 | -999.25 |
| 1545.6408 | 45.93 | 35.68 | -999.25 | 0.92    | -999.25 |
| 1545.7932 | 50.69 | 38.04 | -999.25 | -999.25 | -999.25 |
| 1545.9456 | 46.79 | 39.57 | 86.09   | -999.25 | 0.87    |
| 1546.0980 | 39.87 | 42.01 | -999.25 | -999.25 | -999.25 |
| 1546.2504 | 43.08 | 44.45 | -999.25 | -999.25 | -999.25 |
| 1546.4028 | 47.08 | 44.64 | 68.64   | 0.99    | -999.25 |
| 1546.5552 | 41.88 | 43.39 | -999.25 | -999.25 | 0.88    |
| 1546.7076 | 22.23 | 38.41 | -999.25 | -999.25 | -999.25 |
| 1546.8600 | 19.35 | 35.23 | 79.11   | -999.25 | -999.25 |
| 1547.0124 | 28.82 | 34.31 | -999.25 | 0.94    | -999.25 |
| 1547.1648 | 27.56 | 31.96 | -999.25 | -999.25 | -999.25 |
| 1547.3172 | 31.23 | 31.64 | -999.25 | -999.25 | 0.88    |
| 1547.4696 | 31.88 | 30.04 | -999.25 | -999.25 | -999.25 |
| 1547.6220 | 28.63 | 29.78 | -999.25 | 0.91    | -999.25 |
| 1547.7744 | 39.66 | 29.68 | 89.57   | -999.25 | 0.84    |
| 1547.9268 | 41.71 | 29.31 | -999.25 | -999.25 | -999.25 |
| 1548.0792 | 51.19 | 30.47 | -999.25 | -999.25 | -999.25 |
| 1548.2316 | 66.45 | 35.54 | 88.41   | 0.88    | -999.25 |
| 1548.3840 | 63.90 | 39.05 | -999.25 | -999.25 | -999.25 |
| 1548.5364 | 67.57 | 41.40 | -999.25 | -999.25 | 0.83    |
| 1548.6888 | 56.71 | 45.70 | 98.88   | -999.25 | -999.25 |
| 1548.8412 | 84.04 | 49.67 | -999.25 | -999.25 | -999.25 |
| 1548.9936 | 87.07 | 55.86 | -999.25 | -999.25 | -999.25 |
| 1549.1460 | 61.33 | 60.96 | -999.25 | 0.84    | -999.25 |
| 1549.2984 | 74.99 | 64.40 | 91.90   | -999.25 | 0.77    |
| 1549.4508 | 68.80 | 68.88 | -999.25 | -999.25 | -999.25 |
| 1549.6032 | 67.36 | 68.54 | 80.27   | 0.83    | -999.25 |
| 1549.7556 | 85.51 | 72.22 | -999.25 | -999.25 | 0.79    |
| 1549.9080 | 83.31 | 72.15 | 87.25   | -999.25 | -999.25 |
| 1550.0604 | 60.75 | 70.53 | -999.25 | 0.85    | -999.25 |
| 1550.2128 | 63.17 | 74.08 | -999.25 | -999.25 | -999.25 |
| 1550.3652 | 67.82 | 67.80 | -999.25 | -999.25 | 0.78    |
| 1550.5176 | 47.07 | 64.72 | 93.06   | -999.25 | -999.25 |
| 1550.6700 | 43.34 | 62.10 | -999.25 | -999.25 | -999.25 |
| 1550.8224 | 50.85 | 59.82 | -999.25 | -999.25 | -999.25 |
| 1550.9748 | 57.77 | 60.04 | -999.25 | 0.76    | -999.25 |
| 1551.1272 | 57.96 | 58.14 | 95.39   | -999.25 | 0.70    |
| 1551.2796 | 60.88 | 56.81 | -999.25 | -999.25 | -999.25 |
| 1551.4320 | 52.57 | 53.76 | -999.25 | 0.71    | -999.25 |
| 1551.5844 | 17.14 | 38.49 | -999.25 | -999.25 | -999.25 |
| 1551.7368 | 15.51 | 35.30 | 84.92   | -999.25 | 0.64    |
| 1551.8892 | 36.12 | 35.00 | -999.25 | 0.81    | -999.25 |
| 1552.0416 | 54.12 | 36.00 | -999.25 | -999.25 | -999.25 |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1534.2108 | 9.74  | 9.74  | 96.55   | 0.92    | 0.77    |
| 1534.3632 | 18.58 | 18.58 | 98.88   | 0.95    | -999.25 |
| 1534.5156 | 16.31 | 16.31 | -999.25 | 1.00    | 0.80    |
| 1534.6680 | 13.45 | 13.45 | 89.57   | -999.25 | 0.95    |
| 1534.8204 | 8.21  | 8.21  | -999.25 | 1.00    | 0.97    |
| 1534.9728 | 7.96  | 7.96  | -999.25 | 0.97    | 0.93    |
| 1535.1252 | 11.87 | 11.87 | 88.41   | -999.25 | -999.25 |
| 1535.2776 | 9.48  | 10.64 | -999.25 | 0.92    | -999.25 |
| 1535.4300 | 10.30 | 10.70 | 84.92   | 0.85    | 0.88    |
| 1535.5824 | 9.64  | 10.80 | -999.25 | -999.25 | 0.80    |
| 1535.7348 | 9.09  | 10.54 | -999.25 | 0.82    | -999.25 |
| 1535.8872 | 10.99 | 10.00 | 93.06   | -999.25 | 0.69    |
| 1536.0396 | 12.01 | 10.07 | -999.25 | -999.25 | -999.25 |
| 1536.1920 | 10.02 | 9.51  | -999.25 | 0.85    | -999.25 |
| 1536.3444 | 10.62 | 10.67 | -999.25 | -999.25 | 0.78    |
| 1536.4968 | 18.71 | 11.03 | 79.11   | 0.86    | 0.78    |
| 1536.6492 | 26.06 | 11.82 | -999.25 | -999.25 | -999.25 |
| 1536.8016 | 28.27 | 13.04 | -999.25 | 0.88    | 0.82    |
| 1536.9540 | 31.30 | 13.97 | 95.39   | 0.89    | 0.83    |
| 1537.1064 | 27.23 | 15.80 | -999.25 | 0.89    | 0.84    |
| 1537.2588 | 20.40 | 16.85 | -999.25 | 0.89    | 0.83    |
| 1537.4112 | 23.90 | 18.71 | 83.76   | -999.25 | -999.25 |
| 1537.5636 | 23.61 | 19.54 | -999.25 | 0.87    | 0.83    |
| 1537.7160 | 25.15 | 24.14 | 100.04  | 0.87    | 0.81    |
| 1537.8684 | 28.35 | 25.39 | -999.25 | 0.85    | -999.25 |
| 1538.0208 | 32.19 | 27.06 | 100.04  | -999.25 | 0.79    |
| 1538.1732 | 38.54 | 27.10 | -999.25 | -999.25 | -999.25 |
| 1538.3256 | 40.92 | 28.76 | -999.25 | 0.81    | -999.25 |
| 1538.4780 | 33.73 | 27.44 | 91.90   | -999.25 | 0.74    |
| 1538.6304 | 38.45 | 30.65 | -999.25 | 0.80    | -999.25 |
| 1538.7828 | 39.99 | 31.60 | -999.25 | -999.25 | 0.74    |
| 1538.9352 | 37.80 | 33.84 | 100.04  | -999.25 | -999.25 |
| 1539.0876 | 43.90 | 36.06 | -999.25 | 0.78    | -999.25 |
| 1539.2400 | 43.00 | 38.10 | 91.90   | -999.25 | 0.71    |
| 1539.3924 | 48.09 | 40.27 | -999.25 | -999.25 | -999.25 |
| 1539.5448 | 54.09 | 42.14 | 90.74   | -999.25 | -999.25 |
| 1539.6972 | 49.54 | 42.23 | -999.25 | 0.86    | -999.25 |
| 1539.8496 | 58.72 | 44.95 | -999.25 | -999.25 | 0.73    |
| 1540.0020 | 71.70 | 48.68 | -999.25 | -999.25 | -999.25 |
| 1540.1544 | 48.56 | 47.25 | 81.43   | 0.96    | -999.25 |
| 1540.3068 | 37.96 | 48.05 | -999.25 | -999.25 | 0.94    |
| 1540.4592 | 29.49 | 44.14 | -999.25 | -999.25 | -999.25 |
| 1540.6116 | 22.89 | 40.01 | 84.92   | 1.05    | -999.25 |
| 1540.7640 | 24.91 | 38.42 | -999.25 | -999.25 | 0.98    |
| 1540.9164 | 26.86 | 35.36 | -999.25 | 1.04    | -999.25 |
| 1541.0688 | 27.48 | 33.77 | 77.95   | -999.25 | 0.98    |
| 1541.2212 | 26.45 | 31.44 | -999.25 | -999.25 | -999.25 |
| 1541.3736 | 26.05 | 29.51 | -999.25 | 1.01    | -999.25 |
| 1541.5260 | 21.06 | 25.97 | -999.25 | -999.25 | 0.94    |
| 1541.6784 | 20.19 | 25.21 | -999.25 | 0.99    | -999.25 |
| 1541.8308 | 28.62 | 24.86 | -999.25 | 0.89    | 0.92    |
| 1541.9832 | 34.13 | 25.81 | 79.11   | -999.25 | 0.89    |
| 1542.1356 | 40.70 | 27.47 | -999.25 | 0.96    | -999.25 |
| 1542.2880 | 39.58 | 27.95 | -999.25 | -999.25 | 0.88    |
| 1542.4404 | 43.37 | 29.79 | 82.60   | 0.96    | -999.25 |
| 1542.5928 | 46.15 | 30.46 | -999.25 | -999.25 | 0.88    |
| 1542.7452 | 39.29 | 32.15 | -999.25 | 0.97    | -999.25 |
| 1542.8976 | 42.41 | 33.48 | -999.25 | -999.25 | -999.25 |
| 1543.0500 | 39.24 | 37.45 | -999.25 | -999.25 | 0.91    |

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| 1525.2192 | 33.77   | 14.73   | 72.13   | 0.99    | 0.99    |
| 1525.3716 | 28.43   | 17.47   | -999.25 | 0.99    | 0.99    |
| 1525.5240 | 19.42   | 18.03   | -999.25 | 0.98    | 1.00    |
| 1525.6764 | 11.43   | 18.51   | 76.78   | 0.97    | 0.98    |
| 1525.8288 | 6.08    | 15.02   | 82.60   | 0.95    | 0.94    |
| 1525.9812 | 4.76    | 12.29   | -999.25 | 0.93    | 0.94    |
| 1526.1336 | 1.94    | 6.27    | 91.90   | 0.91    | 0.90    |
| 1526.2860 | 1.45    | 4.73    | -999.25 | 0.89    | 0.87    |
| 1526.4384 | 2.42    | 4.26    | -999.25 | 0.87    | 0.85    |
| 1526.5908 | 3.07    | 3.71    | 91.90   | 0.87    | 0.80    |
| 1526.7432 | 2.97    | 3.38    | -999.25 | 0.91    | 0.79    |
| 1526.8956 | 4.11    | 3.22    | 82.60   | -999.25 | 0.87    |
| 1527.0480 | 5.45    | 3.10    | -999.25 | 0.96    | 1.01    |
| 1527.2004 | 9.23    | 3.17    | 68.64   | 0.99    | -999.25 |
| 1527.3528 | 25.27   | 3.36    | -999.25 | 0.99    | 1.00    |
| 1527.5052 | 28.96   | 3.57    | 76.20   | -999.25 | -999.25 |
| 1527.6576 | 24.92   | 4.93    | -999.25 | 0.99    | 0.98    |
| 1527.8100 | 17.01   | 6.48    | 87.25   | 0.97    | 0.98    |
| 1527.9624 | 5.38    | 6.36    | 72.13   | -999.25 | 0.99    |
| 1528.1148 | 1.94    | 5.21    | 74.46   | 0.95    | -999.25 |
| 1528.2672 | 1.87    | 5.08    | 84.92   | 0.94    | 0.92    |
| 1528.4196 | 2.49    | 4.47    | 87.25   | -999.25 | 0.92    |
| 1528.5720 | 2.21    | 3.98    | 82.60   | 0.95    | -999.25 |
| 1528.7244 | 2.32    | 3.47    | -999.25 | -999.25 | 0.92    |
| 1528.8768 | 2.77    | 3.17    | 83.76   | 0.96    | -999.25 |
| 1529.0292 | 2.56    | 2.78    | -999.25 | 0.99    | 0.94    |
| 1529.1816 | 1.33    | 2.18    | 79.11   | -999.25 | 0.94    |
| 1529.3340 | 1.35    | 2.02    | -999.25 | 1.00    | -999.25 |
| 1529.4864 | 3.20    | 2.07    | 76.78   | -999.25 | 0.99    |
| 1529.6388 | 5.49    | 2.33    | 100.04  | -999.25 | -999.25 |
| 1529.7912 | 5.15    | 2.41    | -999.25 | 0.99    | -999.25 |
| 1529.9436 | 4.81    | 2.56    | 80.27   | -999.25 | 0.99    |
| 1530.0960 | 3.15    | 2.58    | -999.25 | 0.96    | -999.25 |
| 1530.2484 | 2.91    | 2.68    | 89.57   | -999.25 | 0.97    |
| 1530.4008 | 3.73    | 2.71    | -999.25 | 0.94    | -999.25 |
| 1530.5532 | 3.45    | 2.83    | 102.37  | -999.25 | 0.88    |
| 1530.7056 | 2.93    | 3.49    | 96.55   | -999.25 | -999.25 |
| 1530.8580 | 3.26    | 3.76    | 90.74   | 0.93    | 0.87    |
| 1531.0104 | 5.46    | 3.84    | 83.76   | 1.00    | -999.25 |
| 1531.1628 | 10.72   | 4.03    | -999.25 | -999.25 | 0.84    |
| 1531.3152 | 16.27   | 4.27    | 74.46   | 1.11    | 1.18    |
| 1531.4676 | 16.18   | 4.56    | 75.62   | 1.17    | 1.27    |
| 1531.6200 | 17.10   | 5.48    | 80.27   | 1.18    | 1.23    |
| 1531.7724 | 16.94   | 6.16    | -999.25 | 1.17    | 1.13    |
| 1531.9248 | 7.29    | 6.40    | -999.25 | 1.15    | 1.13    |
| 1532.0772 | 3.24    | 6.03    | 84.92   | 1.15    | -999.25 |
| 1532.2296 | 2.07    | 5.42    | 89.57   | -999.25 | 1.13    |
| 1532.3820 | 1.91    | 4.78    | -999.25 | 1.12    | -999.25 |
| 1532.5344 | 1.66    | 3.73    | 87.25   | -999.25 | 1.09    |
| 1532.6868 | 1.44    | 3.04    | -999.25 | 1.09    | -999.25 |
| 1532.8392 | 1.35    | 2.48    | -999.25 | -999.25 | 1.06    |
| 1532.9916 | 1.19    | 2.06    | 95.39   | 1.05    | 1.04    |
| 1533.1440 | 0.87    | 1.61    | 89.57   | -999.25 | -999.25 |
| 1533.2964 | 0.94    | 1.46    | -999.25 | 1.00    | -999.25 |
| 1533.4488 | 1.44    | 1.37    | 89.57   | 0.96    | 0.92    |
| 1533.6012 | -999.25 | -999.25 | 101.20  | -999.25 | 0.88    |
| 1533.7536 | -999.25 | -999.25 | 95.39   | 0.94    | -999.25 |
| 1533.9060 | 13.72   | 13.72   | 98.88   | -999.25 | 0.84    |
| 1534.0584 | 9.03    | 9.03    | -999.25 | 0.92    | 0.80    |

|           |         |       |         |         |         |
|-----------|---------|-------|---------|---------|---------|
| 1516.3800 | 13.93   | 9.83  | -999.25 | -999.25 | -999.25 |
| 1516.5324 | 16.23   | 12.84 | -999.25 | -999.25 | -999.25 |
| 1516.6848 | 17.99   | 14.10 | -999.25 | -999.25 | -999.25 |
| 1516.8372 | 22.68   | 16.57 | -999.25 | -999.25 | -999.25 |
| 1516.9896 | 22.70   | 16.42 | -999.25 | -999.25 | -999.25 |
| 1517.1420 | 18.40   | 16.63 | -999.25 | -999.25 | -999.25 |
| 1517.2944 | 15.73   | 16.28 | -999.25 | -999.25 | -999.25 |
| 1517.4468 | 16.54   | 17.01 | -999.25 | -999.25 | -999.25 |
| 1517.5992 | 14.54   | 16.46 | -999.25 | -999.25 | -999.25 |
| 1517.7516 | 12.50   | 16.64 | -999.25 | -999.25 | -999.25 |
| 1517.9040 | 18.62   | 17.50 | -999.25 | -999.25 | -999.25 |
| 1518.0564 | 27.43   | 18.16 | -999.25 | -999.25 | -999.25 |
| 1518.2088 | 11.86   | 15.90 | -999.25 | -999.25 | -999.25 |
| 1518.3612 | 8.29    | 14.21 | -999.25 | -999.25 | -999.25 |
| 1518.5136 | 10.07   | 13.52 | -999.25 | -999.25 | -999.25 |
| 1518.6660 | 15.23   | 13.77 | -999.25 | -999.25 | -999.25 |
| 1518.8184 | 20.70   | 14.11 | -999.25 | -999.25 | -999.25 |
| 1518.9708 | 16.18   | 13.71 | -999.25 | -999.25 | -999.25 |
| 1519.1232 | 15.32   | 14.25 | -999.25 | -999.25 | -999.25 |
| 1519.2756 | 18.53   | 14.77 | -999.25 | -999.25 | -999.25 |
| 1519.4280 | 20.01   | 14.40 | -999.25 | -999.25 | -999.25 |
| 1519.5804 | 20.99   | 14.30 | -999.25 | -999.25 | -999.25 |
| 1519.7328 | 28.12   | 16.75 | -999.25 | -999.25 | -999.25 |
| 1519.8852 | 44.46   | 19.87 | -999.25 | -999.25 | -999.25 |
| 1520.0376 | 35.41   | 21.99 | -999.25 | -999.25 | -999.25 |
| 1520.1900 | 31.89   | 23.01 | -999.25 | -999.25 | -999.25 |
| 1520.3424 | 30.77   | 23.63 | -999.25 | -999.25 | -999.25 |
| 1520.4948 | 16.06   | 22.97 | 74.46   | -999.25 | -999.25 |
| 1520.6472 | 7.46    | 17.83 | 82.89   | -999.25 | -999.25 |
| 1520.7996 | 5.50    | 14.46 | 76.20   | -999.25 | -999.25 |
| 1520.9520 | 4.91    | 11.52 | 83.76   | -999.25 | -999.25 |
| 1521.1044 | 5.10    | 10.12 | 79.11   | -999.25 | -999.25 |
| 1521.2568 | 6.14    | 8.91  | 91.90   | -999.25 | -999.25 |
| 1521.4092 | 5.60    | 7.69  | 76.78   | -999.25 | -999.25 |
| 1521.5616 | 5.18    | 6.89  | 83.76   | -999.25 | -999.25 |
| 1521.7140 | 6.58    | 6.49  | 84.92   | -999.25 | -999.25 |
| 1521.8664 | 9.30    | 6.24  | 100.04  |         |         |
| -999.25   | -999.25 |       |         |         |         |
| 1522.0188 | 9.00    | 6.10  | 92.68   | -999.25 | -999.25 |
| 1522.1712 | 7.86    | 6.30  | 87.25   | -999.25 | -999.25 |
| 1522.3236 | 7.51    | 6.49  | 86.67   | -999.25 | -999.25 |
| 1522.4760 | 7.85    | 6.96  | 88.41   | -999.25 | -999.25 |
| 1522.6284 | 10.22   | 7.43  | 90.74   | -999.25 | -999.25 |
| 1522.7808 | 9.52    | 7.57  | 95.00   | -999.25 | -999.25 |
| 1522.9332 | 9.19    | 8.29  | 89.57   | -999.25 | -999.25 |
| 1523.0856 | 9.83    | 8.79  | 88.41   | -999.25 | -999.25 |
| 1523.2380 | 8.87    | 8.87  | 104.69  | -999.25 | -999.25 |
| 1523.3904 | 6.90    | 8.24  | 93.06   | -999.25 | -999.25 |
| 1523.5428 | 6.37    | 8.20  | 107.02  | -999.25 | -999.25 |
| 1523.6952 | 7.68    | 8.20  | 103.53  | -999.25 | -999.25 |
| 1523.8476 | 7.09    | 8.10  | -999.25 | -999.25 | 0.69    |
| 1524.0000 | 8.79    | 8.39  | 102.95  | 0.74    | 0.70    |
| 1524.1524 | 9.66    | 8.02  | -999.25 | 0.74    | 0.70    |
| 1524.3048 | 9.19    | 8.34  | 83.76   | 0.76    | 0.70    |
| 1524.4572 | 13.60   | 8.51  | 86.09   | 0.80    | 0.81    |
| 1524.6096 | 20.19   | 9.14  | 86.09   | 0.87    | 0.89    |
| 1524.7620 | 26.59   | 9.75  | 74.46   | -999.25 | 0.91    |
| 1524.9144 | 26.41   | 11.36 | -999.25 | 0.93    | 0.94    |
| 1525.0668 | 27.49   | 12.76 | 91.90   | 0.97    | 1.00    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1507.3884 | 9.17  | 10.29 | 76.78   | 0.95    | 0.88    |
| 1507.5408 | 7.04  | 9.27  | 77.48   | 0.95    | 0.95    |
| 1507.6932 | 6.64  | 9.43  | 79.50   | -999.25 | 0.99    |
| 1507.8456 | 6.70  | 8.53  | 84.92   | 0.93    | 0.91    |
| 1507.9980 | 6.52  | 8.22  | 88.99   | 0.93    | 0.88    |
| 1508.1504 | 8.84  | 8.17  | 86.09   | 0.92    | 0.88    |
| 1508.3028 | 6.17  | 7.24  | 93.06   | 0.92    | 0.90    |
| 1508.4552 | 4.82  | 6.85  | 93.06   | 0.92    | 0.91    |
| 1508.6076 | 6.29  | 6.81  | 91.90   | 0.91    | 0.91    |
| 1508.7600 | 7.09  | 6.64  | 93.45   | 0.89    | 0.87    |
| 1508.9124 | 6.39  | 6.40  | 95.12   | 0.88    | 0.83    |
| 1509.0648 | 5.12  | 6.20  | 92.63   | 0.88    | 0.82    |
| 1509.2172 | 5.64  | 6.19  | 87.88   | 0.89    | 0.84    |
| 1509.3696 | 9.41  | 6.55  | 80.27   | 0.91    | 0.88    |
| 1509.5220 | 10.91 | 6.70  | 78.33   | 0.96    | 0.95    |
| 1509.6744 | 11.59 | 6.79  | 74.96   | 0.97    | 0.97    |
| 1509.8268 | 11.61 | 7.46  | 73.69   | 0.98    | 0.97    |
| 1509.9792 | 13.91 | 8.32  | 75.29   | 0.99    | 0.95    |
| 1510.1316 | 7.81  | 7.82  | 71.65   | 1.01    | 0.95    |
| 1510.2840 | 5.01  | 7.59  | -999.25 | 1.03    | 1.02    |
| 1510.4364 | 5.14  | 7.38  | -999.25 | 1.06    | 1.10    |
| 1510.5888 | 4.85  | 7.46  | -999.25 | 1.06    | 1.09    |
| 1510.7412 | 5.58  | 7.35  | -999.25 | 1.05    | 1.07    |
| 1510.8936 | 4.52  | 6.37  | -999.25 | 1.02    | 1.03    |
| 1511.0460 | 3.89  | 5.92  | -999.25 | 0.98    | 0.95    |
| 1511.1984 | 5.49  | 5.67  | -999.25 | 0.95    | 0.88    |
| 1511.3508 | 5.66  | 5.34  | -999.25 | 0.96    | 0.92    |
| 1511.5032 | 4.71  | 4.89  | -999.25 | 0.97    | 0.97    |
| 1511.6556 | 4.14  | 4.76  | -999.25 | 0.95    | 0.96    |
| 1511.8080 | 3.32  | 4.45  | -999.25 | 0.94    | 0.93    |
| 1511.9604 | 3.16  | 4.27  | -999.25 | 0.93    | 0.91    |
| 1512.1128 | 2.66  | 3.87  | -999.25 | 0.92    | 0.90    |
| 1512.2652 | 2.14  | 3.43  | -999.25 | 0.91    | 0.87    |
| 1512.4176 | 2.12  | 3.24  | -999.25 | 0.89    | 0.86    |
| 1512.5700 | 2.72  | 3.19  | -999.25 | 0.89    | 0.83    |
| 1512.7224 | 3.91  | 3.09  | -999.25 | 0.88    | 0.82    |
| 1512.8748 | 4.05  | 3.05  | -999.25 | 0.91    | 0.84    |
| 1513.0272 | 4.48  | 3.07  | -999.25 | 0.96    | 0.95    |
| 1513.1796 | 5.73  | 3.18  | -999.25 | 1.01    | 1.07    |
| 1513.3320 | 7.06  | 3.41  | -999.25 | 1.04    | 1.09    |
| 1513.4844 | 4.23  | 3.35  | -999.25 | 1.03    | 1.08    |
| 1513.6368 | 3.22  | 3.56  | -999.25 | -999.25 | -999.25 |
| 1513.7892 | 4.30  | 3.98  | -999.25 | -999.25 | -999.25 |
| 1513.9416 | 4.42  | 4.32  | -999.25 | -999.25 | -999.25 |
| 1514.0940 | 2.76  | 3.99  | -999.25 | -999.25 | -999.25 |
| 1514.2464 | 2.55  | 3.87  | -999.25 | -999.25 | -999.25 |
| 1514.3988 | 2.80  | 3.67  | -999.25 | -999.25 | -999.25 |
| 1514.5512 | 2.71  | 3.48  | -999.25 | -999.25 | -999.25 |
| 1514.7036 | 3.40  | 3.37  | -999.25 | -999.25 | -999.25 |
| 1514.8560 | 3.35  | 3.13  | -999.25 | -999.25 | -999.25 |
| 1515.0084 | 3.02  | 3.17  | -999.25 | -999.25 | -999.25 |
| 1515.1608 | 4.77  | 3.35  | -999.25 | -999.25 | -999.25 |
| 1515.3132 | 7.59  | 3.38  | -999.25 | -999.25 | -999.25 |
| 1515.4656 | 10.61 | 3.67  | -999.25 | -999.25 | -999.25 |
| 1515.6180 | 18.03 | 4.27  | -999.25 | -999.25 | -999.25 |
| 1515.7704 | 16.43 | 4.85  | -999.25 | -999.25 | -999.25 |
| 1515.9228 | 14.90 | 5.68  | -999.25 | -999.25 | -999.25 |
| 1516.0752 | 13.86 | 6.80  | -999.25 | -999.25 | -999.25 |
| 1516.2276 | 13.62 | 7.58  | -999.25 | -999.25 | -999.25 |



|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1498.3968 | 10.73 | 12.35 | 90.35   | 0.90    | 0.86    |
| 1498.5492 | 10.28 | 11.29 | 92.68   | 0.89    | 0.85    |
| 1498.7016 | 14.11 | 11.42 | 96.55   | 0.88    | 0.85    |
| 1498.8540 | 14.57 | 11.82 | 86.47   | 0.88    | -999.25 |
| 1499.0064 | 12.09 | 11.69 | 90.74   | 0.88    | 0.85    |
| 1499.1588 | 13.26 | 11.74 | 85.80   | 0.88    | 0.84    |
| 1499.3112 | 16.88 | 12.03 | 88.41   | 0.88    | 0.84    |
| 1499.4636 | 21.64 | 13.24 | 86.09   | 0.90    | 0.84    |
| 1499.6160 | 21.71 | 14.20 | 83.76   | -999.25 | 0.84    |
| 1499.7684 | 21.74 | 14.99 | 84.15   | 0.93    | 0.91    |
| 1499.9208 | 24.66 | 16.70 | 84.54   | 0.95    | 0.93    |
| 1500.0732 | 16.88 | 16.92 | 80.66   | 0.95    | -999.25 |
| 1500.2256 | 11.26 | 15.75 | 75.62   | -999.25 | 0.93    |
| 1500.3780 | 7.87  | 14.13 | 81.43   | -999.25 | -999.25 |
| 1500.5304 | 8.08  | 13.95 | 77.56   | 0.95    | 0.93    |
| 1500.6828 | 9.70  | 13.10 | 80.27   | 0.95    | 0.92    |
| 1500.8352 | 6.95  | 11.28 | 75.62   | 0.95    | 0.92    |
| 1500.9876 | 6.50  | 10.22 | 82.02   | 0.95    | 0.92    |
| 1501.1400 | 8.48  | 9.71  | 79.11   | 0.94    | 0.92    |
| 1501.2924 | 6.43  | 8.35  | 74.46   | 0.93    | 0.91    |
| 1501.4448 | 6.28  | 7.89  | 74.46   | 0.92    | 0.90    |
| 1501.5972 | 6.98  | 7.32  | 81.43   | 0.91    | 0.88    |
| 1501.7496 | 6.35  | 7.12  | -999.25 | 0.90    | 0.86    |
| 1501.9020 | 7.43  | 7.24  | 83.76   | 0.91    | 0.88    |
| 1502.0544 | 9.16  | 7.27  | 86.09   | 0.91    | 0.88    |
| 1502.2068 | 9.99  | 7.28  | 89.57   | 0.89    | 0.87    |
| 1502.3592 | 9.14  | 7.66  | 83.76   | 0.89    | 0.84    |
| 1502.5116 | 10.20 | 7.92  | 83.76   | 0.88    | 0.82    |
| 1502.6640 | 11.94 | 8.08  | 81.43   | 0.88    | 0.87    |
| 1502.8164 | 12.19 | 8.96  | 82.79   | 0.88    | 0.86    |
| 1502.9688 | 7.69  | 8.48  | 85.07   | 0.88    | 0.84    |
| 1503.1212 | 6.36  | 8.74  | 86.09   | 0.88    | 0.83    |
| 1503.2736 | 9.14  | 9.23  | 88.99   | 0.88    | 0.86    |
| 1503.4260 | 11.75 | 9.57  | 84.92   | 0.89    | 0.87    |
| 1503.5784 | 12.84 | 9.80  | 86.09   | 0.89    | 0.86    |
| 1503.7308 | 10.72 | 9.70  | 83.18   | 0.89    | 0.86    |
| 1503.8832 | 9.46  | 9.87  | 91.90   | 0.89    | 0.86    |
| 1504.0356 | 10.33 | 9.72  | -999.25 | 0.88    | 0.85    |
| 1504.1880 | 7.30  | 8.93  | 79.11   | 0.88    | 0.84    |
| 1504.3404 | 9.33  | 9.27  | 95.39   | 0.87    | 0.84    |
| 1504.4928 | 24.93 | 10.64 | 88.41   | 0.87    | 0.85    |
| 1504.6452 | 20.32 | 11.58 | 86.47   | 0.87    | 0.83    |
| 1504.7976 | 13.91 | 11.56 | 87.66   | 0.87    | 0.84    |
| 1504.9500 | 15.32 | 12.14 | 87.10   | 0.87    | 0.84    |
| 1505.1024 | 17.96 | 12.18 | 88.93   | 0.87    | -999.25 |
| 1505.2548 | 14.24 | 12.86 | 90.48   | -999.25 | 0.82    |
| 1505.4072 | 12.77 | 13.05 | 90.74   | 0.88    | 0.83    |
| 1505.5596 | 10.64 | 12.95 | 83.95   | 0.88    | 0.85    |
| 1505.7120 | 12.13 | 15.22 | 88.80   | 0.88    | 0.85    |
| 1505.8644 | 13.52 | 14.18 | 81.68   | 0.88    | 0.83    |
| 1506.0168 | 11.58 | 13.34 | 76.53   | 0.89    | 0.84    |
| 1506.1692 | 9.40  | 12.20 | 70.27   | 0.92    | 0.90    |
| 1506.3216 | 9.74  | 12.33 | 68.64   | 0.94    | 0.96    |
| 1506.4740 | 13.33 | 11.92 | 76.55   | 0.94    | 0.95    |
| 1506.6264 | 11.49 | 11.45 | 77.07   | 0.93    | 0.90    |
| 1506.7788 | 12.53 | 11.65 | 80.04   | 0.91    | 0.88    |
| 1506.9312 | 11.18 | 11.16 | 80.66   | 0.90    | 0.85    |
| 1507.0836 | 8.64  | 11.09 | 81.82   | 0.90    | 0.86    |
| 1507.2360 | 8.47  | 10.34 | 77.36   | 0.93    | -999.25 |

|           |       |       |         |      |         |
|-----------|-------|-------|---------|------|---------|
| 1489.4052 | 4.23  | 3.12  | 80.97   | 1.01 | 0.97    |
| 1489.5576 | 4.64  | 3.60  | 78.64   | 0.97 | 0.92    |
| 1489.7100 | 4.50  | 3.97  | 78.88   | 0.97 | 0.92    |
| 1489.8624 | 3.42  | 4.13  | 73.29   | 0.98 | 0.92    |
| 1490.0148 | 4.98  | 4.45  | 78.24   | 0.99 | 0.93    |
| 1490.1672 | 3.87  | 4.24  | 79.11   | 1.00 | 0.94    |
| 1490.3196 | 2.74  | 4.09  | 80.14   | 1.01 | 0.98    |
| 1490.4720 | 3.09  | 3.97  | 83.18   | 1.02 | 0.99    |
| 1490.6244 | 3.92  | 3.91  | 80.27   | 1.03 | 0.99    |
| 1490.7768 | 3.59  | 3.65  | 77.95   | 1.04 | 1.00    |
| 1490.9292 | 3.07  | 3.65  | 77.52   | 1.06 | 1.02    |
| 1491.0816 | 2.71  | 3.28  | 77.28   | 1.08 | 1.05    |
| 1491.2340 | 2.86  | 3.34  | 75.62   | 1.08 | 1.09    |
| 1491.3864 | 3.09  | 3.22  | 78.53   | 1.07 | 1.08    |
| 1491.5388 | 4.19  | 3.26  | 81.43   | 1.05 | 1.02    |
| 1491.6912 | 7.34  | 3.49  | 82.60   | 1.03 | 0.97    |
| 1491.8436 | 4.89  | 3.64  | 76.01   | 1.02 | 0.95    |
| 1491.9960 | 4.95  | 3.82  | 84.54   | 1.01 | 0.96    |
| 1492.1484 | 5.22  | 3.82  | 83.76   | 1.01 | 0.97    |
| 1492.3008 | 4.00  | 3.90  | -999.25 | 1.02 | 0.99    |
| 1492.4532 | 4.67  | 4.17  | 87.25   | 1.03 | 1.00    |
| 1492.6056 | 5.49  | 4.57  | 80.27   | 1.04 | 1.02    |
| 1492.7580 | 3.93  | 4.53  | 78.53   | 1.06 | 1.02    |
| 1492.9104 | 4.32  | 4.99  | 88.99   | 1.06 | 1.01    |
| 1493.0628 | 4.48  | 4.59  | 82.60   | 1.07 | 1.02    |
| 1493.2152 | 4.23  | 4.54  | 74.46   | 1.08 | 1.07    |
| 1493.3676 | 5.24  | 4.65  | 77.95   | 1.08 | 1.10    |
| 1493.5200 | 3.90  | 4.33  | 84.92   | 1.08 | 1.11    |
| 1493.6724 | 3.63  | 4.32  | -999.25 | 1.06 | 1.11    |
| 1493.8248 | 4.08  | 4.34  | 91.90   | 1.02 | 1.05    |
| 1493.9772 | 3.21  | 3.98  | 87.25   | 1.00 | 0.97    |
| 1494.1296 | 3.65  | 4.02  | 83.76   | 0.97 | 0.91    |
| 1494.2820 | 6.11  | 4.29  | 95.39   | 0.95 | 0.86    |
| 1494.4344 | 6.35  | 4.28  | 91.90   | 0.91 | 0.84    |
| 1494.5868 | 5.78  | 4.49  | 97.72   | 0.89 | 0.82    |
| 1494.7392 | 6.30  | 4.58  | -999.25 | 0.87 | 0.81    |
| 1494.8916 | 8.07  | 4.77  | 86.47   | 0.88 | 0.82    |
| 1495.0440 | 9.59  | 5.32  | 93.45   | 0.87 | 0.83    |
| 1495.1964 | 7.06  | 5.47  | 80.27   | 0.87 | 0.83    |
| 1495.3488 | 7.14  | 5.99  | 95.97   | 0.88 | 0.83    |
| 1495.5012 | 9.02  | 7.01  | -999.25 | 0.88 | 0.85    |
| 1495.6536 | 7.32  | 7.17  | 81.43   | 0.90 | 0.85    |
| 1495.8060 | 6.45  | 7.10  | 77.95   | 0.90 | 0.86    |
| 1495.9584 | 7.87  | 7.50  | 82.60   | 0.90 | 0.87    |
| 1496.1108 | 5.51  | 7.01  | 77.95   | 0.89 | 0.88    |
| 1496.2632 | 3.80  | 6.49  | 91.90   | 0.89 | 0.86    |
| 1496.4156 | 5.44  | 6.47  | 80.27   | 0.89 | 0.84    |
| 1496.5680 | 6.58  | 6.11  | 86.09   | 0.89 | 0.84    |
| 1496.7204 | 4.62  | 5.90  | -999.25 | 0.89 | 0.85    |
| 1496.8728 | 5.71  | 5.86  | 89.57   | 0.90 | 0.87    |
| 1497.0252 | 15.61 | 6.24  | -999.25 | 0.91 | 0.87    |
| 1497.1776 | 26.34 | 6.62  | 88.41   | 0.91 | 0.87    |
| 1497.3300 | 11.29 | 6.81  | 86.96   | 0.92 | 0.88    |
| 1497.4824 | 10.77 | 6.94  | 82.60   | 0.92 | 0.91    |
| 1497.6348 | 13.77 | 7.99  | 89.24   | 0.93 | 0.91    |
| 1497.7872 | 14.05 | 9.45  | 89.57   | 0.92 | 0.91    |
| 1497.9396 | 10.58 | 9.33  | 86.09   | 0.92 | 0.88    |
| 1498.0920 | 9.12  | 10.27 | 88.12   | 0.91 | -999.25 |
| 1498.2444 | 11.11 | 12.20 | 91.90   | 0.90 | 0.88    |

|           |       |       |       |      |      |
|-----------|-------|-------|-------|------|------|
| 1480.4136 | 20.66 | 19.76 | 86.86 | 1.12 | 1.04 |
| 1480.5660 | 21.85 | 19.97 | 87.25 | 1.11 | 1.03 |
| 1480.7184 | 18.64 | 20.52 | 84.15 | 1.14 | 1.00 |
| 1480.8708 | 17.43 | 20.05 | 74.46 | 1.20 | 1.13 |
| 1481.0232 | 18.44 | 19.74 | 67.48 | 1.26 | 1.35 |
| 1481.1756 | 21.34 | 19.28 | 66.32 | 1.28 | 1.39 |
| 1481.3280 | 14.63 | 17.40 | 67.48 | 1.27 | 1.30 |
| 1481.4804 | 14.48 | 18.37 | 75.62 | 1.26 | 1.21 |
| 1481.6328 | 23.07 | 18.66 | 73.29 | 1.22 | 1.24 |
| 1481.7852 | 14.69 | 17.41 | 80.27 | 1.19 | 1.20 |
| 1481.9376 | 20.68 | 18.66 | 88.99 | 1.14 | 1.09 |
| 1482.0900 | 32.94 | 18.40 | 93.06 | 1.10 | 0.98 |
| 1482.2424 | 22.55 | 19.33 | 87.25 | 1.10 | 0.94 |
| 1482.3948 | 21.15 | 19.11 | 80.27 | 1.12 | 1.04 |
| 1482.5472 | 14.99 | 18.44 | 66.32 | 1.14 | 1.24 |
| 1482.6996 | 11.72 | 16.66 | 76.20 | 1.12 | 1.21 |
| 1482.8520 | 14.40 | 18.37 | 72.91 | 1.09 | 1.09 |
| 1483.0044 | 25.35 | 18.48 | 91.90 | 1.06 | 1.04 |
| 1483.1568 | 25.83 | 18.69 | 82.60 | 1.06 | 1.02 |
| 1483.3092 | 22.97 | 20.33 | 84.34 | 1.06 | 1.03 |
| 1483.4616 | 24.97 | 19.29 | 88.41 | 1.06 | 1.04 |
| 1483.6140 | 29.08 | 20.00 | 85.31 | 1.06 | 1.02 |
| 1483.7664 | 21.51 | 19.13 | 80.85 | 1.07 | 1.02 |
| 1483.9188 | 17.78 | 19.31 | 74.46 | 1.07 | 1.04 |
| 1484.0712 | 20.75 | 20.59 | 76.20 | 1.08 | 1.09 |
| 1484.2236 | 26.65 | 23.68 | 73.29 | 1.06 | 1.15 |
| 1484.3760 | 23.85 | 23.22 | 76.20 | 1.08 | 1.13 |
| 1484.5284 | 22.12 | 23.05 | 68.64 | 1.08 | 1.06 |
| 1484.6808 | 19.11 | 21.84 | 77.17 | 1.06 | 1.01 |
| 1484.8332 | 16.71 | 21.44 | 80.66 | 1.06 | 0.97 |
| 1484.9856 | 18.35 | 20.54 | 77.71 | 1.06 | 0.95 |
| 1485.1380 | 22.95 | 20.63 | 79.11 | 1.05 | 0.98 |
| 1485.2904 | 31.43 | 21.86 | 80.27 | 1.05 | 1.01 |
| 1485.4428 | 30.85 | 22.87 | 83.37 | 1.05 | 1.04 |
| 1485.5952 | 32.81 | 23.69 | 81.14 | 1.05 | 1.06 |
| 1485.7476 | 36.67 | 24.00 | 85.80 | 1.05 | 1.06 |
| 1485.9000 | 39.22 | 25.69 | 88.80 | 1.04 | 1.05 |
| 1486.0524 | 32.00 | 25.72 | 88.41 | 1.05 | 1.01 |
| 1486.2048 | 30.90 | 28.63 | 87.25 | 1.05 | 1.02 |
| 1486.3572 | 25.81 | 28.86 | 81.43 | 1.06 | 1.06 |
| 1486.5096 | 22.05 | 30.21 | 79.11 | 1.08 | 1.14 |
| 1486.6620 | 14.01 | 24.87 | 82.60 | 1.08 | 1.11 |
| 1486.8144 | 11.36 | 22.56 | 86.78 | 1.08 | 1.06 |
| 1486.9668 | 7.38  | 16.44 | 88.41 | 1.08 | 1.04 |
| 1487.1192 | 3.05  | 9.63  | 85.39 | 1.08 | 1.02 |
| 1487.2716 | 1.93  | 6.28  | 87.25 | 1.08 | 0.99 |
| 1487.4240 | 1.70  | 4.63  | 91.61 | 1.08 | 0.97 |
| 1487.5764 | 2.14  | 4.06  | 88.61 | 1.11 | 1.00 |
| 1487.7288 | 3.84  | 3.82  | 88.41 | 1.15 | 1.12 |
| 1487.8812 | 3.33  | 3.35  | 79.98 | 1.18 | 1.23 |
| 1488.0336 | 2.07  | 2.86  | 77.36 | 1.21 | 1.29 |
| 1488.1860 | 1.77  | 2.52  | 69.81 | 1.19 | 1.27 |
| 1488.3384 | 2.11  | 2.35  | 78.14 | 1.17 | 1.17 |
| 1488.4908 | 2.97  | 2.29  | 80.74 | 1.14 | 1.08 |
| 1488.6432 | 3.45  | 2.39  | 85.59 | 1.11 | 1.04 |
| 1488.7956 | 3.75  | 2.58  | 82.83 | 1.10 | 1.05 |
| 1488.9480 | 4.15  | 2.86  | 83.06 | 1.10 | 1.08 |
| 1489.1004 | 5.05  | 3.00  | 80.91 | 1.08 | 1.12 |
| 1489.2528 | 5.85  | 3.02  | 81.82 | 1.04 | 1.11 |

|           |         |         |         |      |         |
|-----------|---------|---------|---------|------|---------|
| 1471.4220 | 7.10    | 8.61    | 80.85   | 1.12 | 1.07    |
| 1471.5744 | 6.69    | 8.81    | 77.17   | 1.13 | 1.09    |
| 1471.7268 | 8.36    | 8.61    | 72.71   | 1.14 | 1.09    |
| 1471.8792 | 9.19    | 8.82    | 82.60   | 1.14 | 1.08    |
| 1472.0316 | 9.99    | 8.65    | 82.99   | 1.15 | 1.08    |
| 1472.1840 | 11.00   | 8.75    | 71.55   | 1.17 | 1.13    |
| 1472.3364 | 14.63   | 9.58    | 77.95   | 1.20 | 1.22    |
| 1472.4888 | 20.70   | 10.11   | 77.07   | 1.20 | 1.22    |
| 1472.6412 | 23.58   | 10.61   | 78.33   | 1.20 | 1.17    |
| 1472.7936 | 21.74   | 11.27   | 84.69   | 1.20 | 1.13    |
| 1472.9460 | 18.73   | 13.03   | 83.57   | 1.20 | 1.13    |
| 1473.0984 | 26.02   | 15.04   | 79.69   | 1.21 | 1.11    |
| 1473.2508 | 26.28   | 16.54   | 87.83   | 1.23 | 1.14    |
| 1473.4032 | 17.09   | 17.72   | 83.47   | 1.27 | 1.20    |
| 1473.5556 | 18.36   | 19.48   | 73.29   | 1.30 | 1.29    |
| 1473.7080 | 18.18   | 20.30   | 67.48   | 1.34 | 1.34    |
| 1473.8604 | 11.29   | 18.06   | 73.29   | 1.36 | 1.35    |
| 1474.0128 | 8.39    | 15.77   | 80.27   | 1.35 | 1.32    |
| 1474.1652 | 9.34    | 14.64   | 83.76   | 1.35 | 1.28    |
| 1474.3176 | 8.98    | 13.07   | 79.11   | 1.35 | 1.24    |
| 1474.4700 | -999.25 | -999.25 | 78.53   | 1.38 | 1.32    |
| 1474.6224 | -999.25 | -999.25 | 73.88   | 1.39 | 1.49    |
| 1474.7748 | 23.99   | 23.99   | 79.88   | 1.38 | 1.48    |
| 1474.9272 | 17.55   | 17.55   | 83.76   | 1.34 | 1.29    |
| 1475.0796 | 15.19   | 15.19   | 87.83   | 1.27 | 1.19    |
| 1475.2320 | 16.95   | 16.95   | 84.92   | 1.23 | 1.17    |
| 1475.3844 | 15.13   | 15.13   | 79.11   | 1.23 | 1.12    |
| 1475.5368 | 12.48   | 12.48   | 84.34   | 1.23 | 1.16    |
| 1475.6892 | 16.74   | 16.74   | 79.69   | 1.22 | 1.30    |
| 1475.8416 | 18.30   | 18.30   | 80.27   | 1.21 | 1.28    |
| 1475.9940 | 18.13   | 18.13   | 76.78   | 1.17 | 1.12    |
| 1476.1464 | 15.78   | 15.92   | 83.18   | 1.12 | 1.06    |
| 1476.2988 | 12.96   | 15.43   | 81.43   | 1.09 | 1.03    |
| 1476.4512 | 19.18   | 16.17   | -999.25 | 1.08 | 1.02    |
| 1476.6036 | 17.99   | 15.93   | 75.62   | 1.09 | 1.01    |
| 1476.7560 | 14.77   | 15.73   | 83.18   | 1.10 | 1.06    |
| 1476.9084 | 14.42   | 15.77   | 79.69   | 1.12 | 1.13    |
| 1477.0608 | 11.42   | 15.37   | 72.13   | 1.13 | 1.13    |
| 1477.2132 | 10.25   | 14.09   | 77.36   | 1.12 | 1.10    |
| 1477.3656 | 11.07   | 13.85   | 80.27   | 1.12 | 1.08    |
| 1477.5180 | 13.50   | 13.38   | 77.66   | 1.11 | 1.09    |
| 1477.6704 | 12.90   | 13.33   | 75.62   | 1.12 | 1.09    |
| 1477.8228 | 13.37   | 13.46   | 82.60   | 1.11 | 1.09    |
| 1477.9752 | 17.42   | 13.14   | 80.04   | 1.10 | 1.06    |
| 1478.1276 | 16.42   | 13.27   | 80.27   | 1.09 | 1.04    |
| 1478.2800 | 14.28   | 13.06   | 87.83   | 1.09 | 1.04    |
| 1478.4324 | 14.91   | 13.35   | 77.25   | 1.12 | 1.07    |
| 1478.5848 | 16.65   | 14.07   | 75.62   | 1.17 | 1.10    |
| 1478.7372 | 16.70   | 14.85   | 82.02   | 1.18 | 1.14    |
| 1478.8896 | 16.47   | 15.35   | 81.43   | 1.18 | 1.19    |
| 1479.0420 | 17.01   | 15.56   | 84.92   | 1.20 | 1.14    |
| 1479.1944 | 15.87   | 16.07   | 83.18   | 1.23 | 1.08    |
| 1479.3468 | 17.12   | 16.39   | 73.29   | 1.31 | 1.16    |
| 1479.4992 | 22.41   | 16.76   | 72.13   | 1.31 | 1.46    |
| 1479.6516 | 27.13   | 17.79   | 72.13   | 1.27 | 1.35    |
| 1479.8040 | 29.19   | 19.04   | 71.74   | 1.18 | -999.25 |
| 1479.9564 | 17.77   | 18.50   | 79.11   | 1.15 | 1.14    |
| 1480.1088 | 15.94   | 18.84   | 89.57   | 1.15 | 1.09    |
| 1480.2612 | 18.85   | 18.98   | 91.32   | 1.14 | 1.06    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1462.4304 | 17.47 | 25.17 | -999.25 | 1.15    | 1.11    |
| 1462.5828 | 21.07 | 25.13 | 68.64   | 1.15    | 1.11    |
| 1462.7352 | 17.60 | 22.82 | 67.48   | 1.15    | 1.11    |
| 1462.8876 | 11.53 | 19.60 | -999.25 | 1.15    | 1.11    |
| 1463.0400 | 9.58  | 17.22 | 83.76   | -999.25 | 1.09    |
| 1463.1924 | 7.94  | 14.16 | -999.25 | 1.15    | -999.25 |
| 1463.3448 | 6.44  | 12.19 | 80.85   | 1.15    | 1.11    |
| 1463.4972 | 7.03  | 11.06 | 73.29   | 1.17    | 1.11    |
| 1463.6496 | 7.62  | 9.90  | 76.32   | 1.17    | -999.25 |
| 1463.8020 | 5.72  | 8.66  | 75.12   | 1.17    | 1.13    |
| 1463.9544 | 5.63  | 7.99  | 75.17   | 1.17    | -999.25 |
| 1464.1068 | 6.08  | 7.20  | 76.47   | 1.17    | 1.13    |
| 1464.2592 | 6.75  | 6.98  | 76.20   | 1.15    | 1.11    |
| 1464.4116 | 8.31  | 6.87  | 76.32   | 1.14    | 1.11    |
| 1464.5640 | 7.73  | 6.74  | 76.49   | -999.25 | 1.08    |
| 1464.7164 | 7.49  | 6.80  | 78.16   | 1.13    | 1.06    |
| 1464.8688 | 7.18  | 6.89  | 74.82   | 1.12    | 1.05    |
| 1465.0212 | 6.92  | 6.78  | 79.37   | 1.12    | 1.05    |
| 1465.1736 | 9.16  | 7.11  | 79.69   | 1.12    | 1.05    |
| 1465.3260 | 13.76 | 7.87  | 77.56   | 1.12    | -999.25 |
| 1465.4784 | 13.92 | 8.36  | 83.76   | -999.25 | 1.06    |
| 1465.6308 | 15.75 | 9.35  | 82.37   | 1.15    | -999.25 |
| 1465.7832 | 22.06 | 10.10 | 80.27   | 1.20    | 1.06    |
| 1465.9356 | 31.83 | 11.22 | 84.69   | -999.25 | 1.09    |
| 1466.0880 | 21.93 | 12.16 | 79.81   | 1.27    | -999.25 |
| 1466.2404 | 14.00 | 13.03 | 73.59   | -999.25 | 1.23    |
| 1466.3928 | 12.29 | 14.15 | 67.87   | 1.29    | 1.33    |
| 1466.5452 | 10.11 | 14.80 | 69.47   | 1.25    | 1.31    |
| 1466.6976 | 9.11  | 14.13 | 76.78   | 1.22    | 1.22    |
| 1466.8500 | 9.11  | 13.33 | 72.33   | 1.18    | 1.12    |
| 1467.0024 | 8.03  | 12.30 | 74.85   | 1.16    | 1.04    |
| 1467.1548 | 6.35  | 10.66 | 78.64   | 1.14    | 1.04    |
| 1467.3072 | 5.13  | 8.99  | 77.07   | 1.13    | 1.07    |
| 1467.4596 | 5.38  | 8.02  | 75.77   | 1.14    | 1.09    |
| 1467.6120 | 6.52  | 7.53  | 76.95   | 1.14    | 1.09    |
| 1467.7644 | 9.84  | 7.65  | 70.97   | 1.14    | 1.09    |
| 1467.9168 | 15.40 | 7.72  | 73.46   | 1.14    | 1.07    |
| 1468.0692 | 16.42 | 8.12  | 75.33   | 1.14    | 1.06    |
| 1468.2216 | 22.74 | 8.60  | 80.27   | 1.14    | 1.06    |
| 1468.3740 | 18.08 | 8.91  | 76.20   | 1.15    | 1.05    |
| 1468.5264 | 15.13 | 9.56  | 77.36   | 1.15    | 1.05    |
| 1468.6788 | 12.57 | 10.34 | 77.02   | 1.16    | 1.07    |
| 1468.8312 | 9.75  | 11.60 | 80.04   | 1.19    | 1.09    |
| 1468.9836 | 7.74  | 11.72 | 79.11   | 1.20    | 1.12    |
| 1469.1360 | 8.47  | 12.64 | 86.96   | 1.22    | 1.13    |
| 1469.2884 | 13.16 | 12.47 | 87.83   | 1.23    | 1.10    |
| 1469.4408 | 10.20 | 11.66 | 84.73   | 1.27    | 1.15    |
| 1469.5932 | 10.28 | 11.43 | 73.53   | 1.30    | 1.28    |
| 1469.7456 | 12.55 | 10.76 | 69.52   | 1.31    | 1.41    |
| 1469.8980 | 7.54  | 9.72  | 68.88   | 1.27    | 1.31    |
| 1470.0504 | 6.23  | 8.95  | 67.48   | 1.24    | 1.19    |
| 1470.2028 | 8.35  | 9.01  | 73.96   | 1.19    | 1.12    |
| 1470.3552 | 9.14  | 8.84  | 70.74   | 1.16    | 1.09    |
| 1470.5076 | 9.71  | 9.46  | 75.62   | 1.15    | 1.09    |
| 1470.6600 | 11.51 | 9.36  | 73.96   | 1.14    | 1.09    |
| 1470.8124 | 8.04  | 8.67  | 77.71   | 1.13    | 1.08    |
| 1470.9648 | 8.00  | 8.91  | 77.36   | 1.12    | 1.07    |
| 1471.1172 | 10.77 | 8.73  | 75.04   | 1.11    | 1.06    |
| 1471.2696 | 10.31 | 8.64  | 81.43   | 1.11    | 1.06    |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1453.4388 | 17.96 | 21.51 | 81.43   | 1.25    | -999.25 |
| 1453.5912 | 22.00 | 21.23 | 80.85   | 1.31    | 1.25    |
| 1453.7436 | 21.22 | 20.08 | 70.39   | 1.35    | 1.39    |
| 1453.8960 | 16.38 | 19.71 | 65.74   | 1.35    | 1.37    |
| 1454.0484 | 11.20 | 17.39 | 66.90   | 1.35    | 1.31    |
| 1454.2008 | 8.14  | 14.61 | 81.43   | 1.33    | 1.28    |
| 1454.3532 | 6.73  | 12.28 | 75.62   | -999.25 | -999.25 |
| 1454.5056 | 6.37  | 10.94 | 75.62   | 1.29    | -999.25 |
| 1454.6580 | 7.58  | 10.58 | 77.95   | -999.25 | 1.23    |
| 1454.8104 | 12.52 | 10.73 | 77.95   | 1.28    | 1.21    |
| 1454.9628 | 17.99 | 10.58 | 72.13   | 1.27    | 1.21    |
| 1455.1152 | 17.39 | 10.46 | 76.78   | 1.25    | 1.21    |
| 1455.2676 | 22.58 | 10.65 | 82.02   | 1.25    | 1.19    |
| 1455.4200 | 22.68 | 10.84 | 73.29   | 1.22    | 1.18    |
| 1455.5724 | 21.75 | 11.73 | 74.46   | 1.22    | 1.15    |
| 1455.7248 | 23.18 | 13.10 | 91.90   | 1.20    | -999.25 |
| 1455.8772 | 24.79 | 15.72 | 82.60   | 1.18    | 1.13    |
| 1456.0296 | 26.09 | 19.02 | 95.39   | -999.25 | 1.11    |
| 1456.1820 | 20.97 | 21.38 | -999.25 | 1.17    | 1.10    |
| 1456.3344 | 22.21 | 21.92 | 100.04  | 1.17    | 1.08    |
| 1456.4868 | 21.83 | 22.31 | 93.06   | 1.15    | 1.06    |
| 1456.6392 | 25.72 | 23.87 | 90.74   | 1.17    | 1.04    |
| 1456.7916 | 36.66 | 24.15 | 81.43   | 1.21    | 1.06    |
| 1456.9440 | 25.59 | 24.45 | 70.97   | 1.23    | 1.20    |
| 1457.0964 | 19.19 | 23.45 | 63.99   | 1.28    | 1.32    |
| 1457.2488 | 20.45 | 23.78 | 75.62   | 1.29    | 1.33    |
| 1457.4012 | 19.60 | 22.33 | 73.29   | 1.28    | 1.27    |
| 1457.5536 | 15.65 | 21.21 | 73.29   | 1.26    | 1.23    |
| 1457.7060 | 11.27 | 18.87 | 90.74   | 1.23    | 1.19    |
| 1457.8584 | 10.33 | 17.39 | 68.64   | 1.21    | 1.13    |
| 1458.0108 | 13.58 | 17.07 | 82.60   | 1.20    | 1.09    |
| 1458.1632 | 13.98 | 15.61 | 86.09   | 1.20    | 1.11    |
| 1458.3156 | 16.40 | 15.31 | 75.62   | 1.19    | 1.13    |
| 1458.4680 | 18.46 | 14.91 | 87.83   | 1.18    | 1.14    |
| 1458.6204 | 18.35 | 15.20 | -999.25 | 1.19    | 1.13    |
| 1458.7728 | 26.13 | 15.40 | 80.85   | 1.20    | 1.11    |
| 1458.9252 | 27.06 | 15.88 | -999.25 | 1.20    | 1.13    |
| 1459.0776 | 30.40 | 17.02 | 86.09   | 1.18    | 1.13    |
| 1459.2300 | 30.92 | 19.35 | 93.06   | 1.20    | 1.09    |
| 1459.3824 | 29.32 | 21.64 | 89.57   | 1.23    | 1.11    |
| 1459.5348 | 25.82 | 22.37 | 77.95   | 1.29    | -999.25 |
| 1459.6872 | 22.68 | 24.56 | 73.29   | -999.25 | 1.37    |
| 1459.8396 | 27.69 | 25.17 | -999.25 | 1.31    | 1.37    |
| 1459.9920 | 27.59 | 26.94 | 69.81   | 1.25    | 1.33    |
| 1460.1444 | 24.12 | 26.94 | 77.95   | 1.23    | 1.19    |
| 1460.2968 | 30.19 | 27.71 | -999.25 | 1.22    | 1.14    |
| 1460.4492 | 35.11 | 28.23 | 81.43   | 1.18    | 1.13    |
| 1460.6016 | 33.78 | 28.22 | -999.25 | 1.17    | 1.11    |
| 1460.7540 | 35.95 | 28.97 | 79.11   | 1.15    | 1.09    |
| 1460.9064 | 29.84 | 28.32 | 77.95   | 1.12    | 1.06    |
| 1461.0588 | 23.27 | 28.27 | -999.25 | 1.12    | -999.25 |
| 1461.2112 | 27.56 | 29.63 | 76.78   | -999.25 | 1.05    |
| 1461.3636 | 32.66 | 29.18 | 80.85   | 1.11    | 1.04    |
| 1461.5160 | 30.11 | 30.17 | 88.41   | 1.14    | 1.05    |
| 1461.6684 | 35.86 | 31.69 | 73.29   | -999.25 | 1.08    |
| 1461.8208 | 28.13 | 29.73 | 74.46   | 1.14    | 1.09    |
| 1461.9732 | 23.09 | 28.97 | 75.62   | 1.15    | -999.25 |
| 1462.1256 | 27.52 | 28.59 | -999.25 | 1.15    | 1.11    |
| 1462.2780 | 20.13 | 25.71 | 79.11   | 1.15    | -999.25 |

|           |       |       |         |         |         |
|-----------|-------|-------|---------|---------|---------|
| 1444.4472 | 21.10 | 13.22 | 82.02   | 1.11    | 1.07    |
| 1444.5996 | 21.13 | 15.25 | 80.85   | 1.11    | 1.09    |
| 1444.7520 | 23.34 | 15.10 | -999.25 | 1.11    | 1.04    |
| 1444.9044 | 22.97 | 15.30 | 82.60   | 1.11    | 1.05    |
| 1445.0568 | 23.11 | 16.68 | 85.50   | 1.12    | 1.05    |
| 1445.2092 | 27.58 | 19.72 | 83.76   | 1.14    | 1.05    |
| 1445.3616 | 25.97 | 20.80 | 88.41   | 1.14    | 1.06    |
| 1445.5140 | 23.84 | 21.70 | 82.02   | 1.17    | 1.05    |
| 1445.6664 | 26.00 | 23.76 | 72.13   | 1.22    | 1.16    |
| 1445.8188 | 18.85 | 22.51 | 69.81   | 1.22    | 1.41    |
| 1445.9712 | 15.11 | 21.81 | 63.41   | -999.25 | 1.27    |
| 1446.1236 | 12.91 | 19.82 | 73.68   | 1.15    | 1.08    |
| 1446.2760 | 8.53  | 16.47 | 76.78   | 1.12    | 1.04    |
| 1446.4284 | 9.06  | 15.67 | 84.92   | 1.09    | 1.03    |
| 1446.5808 | 13.46 | 14.94 | 84.15   | 1.08    | 1.01    |
| 1446.7332 | 16.96 | 14.63 | 81.05   | 1.07    | 1.00    |
| 1446.8856 | 17.31 | 14.13 | 86.47   | 1.06    | 0.99    |
| 1447.0380 | 20.86 | 14.38 | 81.82   | 1.05    | 0.98    |
| 1447.1904 | 24.03 | 14.00 | 88.41   | 1.06    | 0.99    |
| 1447.3428 | 21.24 | 14.63 | 94.23   | 1.06    | 1.01    |
| 1447.4952 | 25.00 | 15.11 | 96.55   | 1.08    | 1.03    |
| 1447.6476 | 21.55 | 16.09 | 82.60   | 1.10    | 1.04    |
| 1447.8000 | 20.79 | 19.10 | 84.92   | 1.12    | 1.06    |
| 1447.9524 | 22.97 | 20.50 | 84.34   | 1.13    | 1.08    |
| 1448.1048 | 17.11 | 20.33 | 87.83   | 1.15    | 1.09    |
| 1448.2572 | 17.98 | 20.78 | 82.60   | 1.15    | 1.09    |
| 1448.4096 | 14.12 | 19.31 | 80.66   | 1.15    | 1.13    |
| 1448.5620 | 12.85 | 18.49 | 83.76   | 1.14    | 1.09    |
| 1448.7144 | 22.01 | 19.03 | 85.31   | 1.14    | 1.08    |
| 1448.8668 | 18.04 | 17.93 | 91.90   | 1.14    | 1.08    |
| 1449.0192 | 14.79 | 17.22 | 76.78   | 1.14    | 1.08    |
| 1449.1716 | 15.17 | 16.76 | -999.25 | 1.14    | 1.09    |
| 1449.3240 | 18.04 | 16.80 | 76.20   | 1.14    | 1.09    |
| 1449.4764 | 19.61 | 16.35 | -999.25 | 1.14    | 1.09    |
| 1449.6288 | 15.14 | 16.38 | 79.11   | 1.14    | 1.09    |
| 1449.7812 | 12.38 | 15.11 | 86.09   | 1.16    | 1.08    |
| 1449.9336 | 8.16  | 14.00 | 82.60   | 1.17    | 1.08    |
| 1450.0860 | 7.93  | 13.19 | -999.25 | 1.19    | 1.10    |
| 1450.2384 | 8.01  | 11.46 | 83.18   | 1.21    | 1.13    |
| 1450.3908 | 7.30  | 10.85 | 83.76   | 1.22    | 1.14    |
| 1450.5432 | 7.72  | 10.03 | 80.27   | 1.26    | 1.14    |
| 1450.6956 | 7.18  | 9.36  | 72.71   | 1.32    | 1.19    |
| 1450.8480 | 6.70  | 8.44  | 73.29   | 1.35    | 1.37    |
| 1451.0004 | 7.41  | 8.09  | -999.25 | 1.36    | 1.43    |
| 1451.1528 | 7.14  | 7.51  | -999.25 | 1.33    | 1.31    |
| 1451.3052 | 4.72  | 6.67  | 74.46   | 1.28    | 1.25    |
| 1451.4576 | 5.26  | 6.81  | 84.92   | 1.24    | 1.19    |
| 1451.6100 | 6.57  | 6.45  | 84.34   | 1.21    | 1.13    |
| 1451.7624 | 6.99  | 6.65  | 87.25   | 1.18    | 1.10    |
| 1451.9148 | 10.20 | 6.79  | 82.60   | 1.15    | 1.09    |
| 1452.0672 | 15.31 | 7.27  | 84.34   | 1.14    | 1.06    |
| 1452.2196 | 32.71 | 7.96  | 82.02   | 1.14    | 1.06    |
| 1452.3720 | 23.33 | 8.60  | -999.25 | 1.12    | 1.06    |
| 1452.5244 | 19.70 | 9.20  | 83.18   | 1.14    | -999.25 |
| 1452.6768 | 29.21 | 10.51 | 76.78   | 1.14    | 1.06    |
| 1452.8292 | 34.56 | 13.87 | 82.02   | 1.15    | 1.06    |
| 1452.9816 | 23.65 | 15.26 | 72.13   | 1.14    | 1.09    |
| 1453.1340 | 15.02 | 18.19 | 80.27   | 1.15    | 1.06    |
| 1453.2864 | 14.15 | 19.58 | 91.90   | 1.18    | 1.02    |

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| 1435.4556 | -999.25 | -999.25 | -999.25 | 0.78    | 0.74    |
| 1435.6080 | -999.25 | -999.25 | 73.29   | -999.25 | 0.91    |
| 1435.7604 | -999.25 | -999.25 | 89.57   | 0.74    | 1.11    |
| 1435.9128 | -999.25 | -999.25 | 82.60   | -999.25 | 0.95    |
| 1436.0652 | -999.25 | -999.25 | -999.25 | 0.70    | 0.73    |
| 1436.2176 | -999.25 | -999.25 | 83.76   | 0.60    | 0.83    |
| 1436.3700 | -999.25 | -999.25 | 81.43   | 0.63    | 0.76    |
| 1436.5224 | -999.25 | -999.25 | 84.92   | 0.60    | 0.57    |
| 1436.6748 | -999.25 | -999.25 | -999.25 | 0.61    | -999.25 |
| 1436.8272 | -999.25 | -999.25 | 84.92   | 0.63    | 0.71    |
| 1436.9796 | -999.25 | -999.25 | -999.25 | -999.25 | 0.54    |
| 1437.1320 | -999.25 | -999.25 | 70.97   | 0.67    | 0.68    |
| 1437.2844 | -999.25 | -999.25 | -999.25 | -999.25 | 1.01    |
| 1437.4368 | -999.25 | -999.25 | 70.97   | 0.80    | 0.94    |
| 1437.5892 | -999.25 | -999.25 | 79.11   | 0.95    | 0.83    |
| 1437.7416 | -999.25 | -999.25 | 80.27   | 0.88    | 0.74    |
| 1437.8940 | -999.25 | -999.25 | -999.25 | 0.95    | 0.79    |
| 1438.0464 | -999.25 | -999.25 | 73.29   | 0.95    | 0.74    |
| 1438.1988 | -999.25 | -999.25 | 70.97   | 1.12    | 1.23    |
| 1438.3512 | -999.25 | -999.25 | 75.62   | -999.25 | 1.59    |
| 1438.5036 | 4.78    | 4.78    | -999.25 | 1.31    | 1.27    |
| 1438.6560 | 3.02    | 3.02    | 80.27   | 1.20    | 1.27    |
| 1438.8084 | 4.15    | 4.15    | 76.78   | -999.25 | -999.25 |
| 1438.9608 | 4.40    | 4.40    | 82.60   | 1.25    | 1.21    |
| 1439.1132 | 5.36    | 5.36    | 81.43   | 1.25    | 1.21    |
| 1439.2656 | 6.97    | 6.97    | 82.60   | 1.23    | 1.21    |
| 1439.4180 | 3.31    | 3.31    | 86.09   | -999.25 | -999.25 |
| 1439.5704 | 1.18    | 1.18    | 86.09   | 1.24    | 1.19    |
| 1439.7228 | 1.05    | 2.64    | 94.81   | -999.25 | 1.18    |
| 1439.8752 | 1.81    | 2.38    | 86.67   | 1.25    | 1.14    |
| 1440.0276 | 1.77    | 2.22    | 76.40   | 1.29    | -999.25 |
| 1440.1800 | 1.49    | 2.05    | 69.81   | 1.33    | 1.31    |
| 1440.3324 | 1.60    | 1.90    | 64.86   | 1.29    | 1.46    |
| 1440.4848 | 2.38    | 1.90    | 74.07   | -999.25 | 1.29    |
| 1440.6372 | 4.45    | 1.87    | 69.81   | -999.25 | -999.25 |
| 1440.7896 | 6.56    | 1.89    | 73.29   | 1.20    | -999.25 |
| 1440.9420 | 8.84    | 2.02    | 78.53   | 1.18    | 1.14    |
| 1441.0944 | 4.77    | 2.49    | 76.78   | 1.14    | 1.14    |
| 1441.2468 | 3.68    | 2.78    | 71.55   | 1.12    | -999.25 |
| 1441.3992 | 4.19    | 2.95    | 83.76   | 1.11    | 1.06    |
| 1441.5516 | 4.70    | 3.46    | 87.64   | -999.25 | 1.08    |
| 1441.7040 | -999.25 | -999.25 | 80.56   | 1.12    | -999.25 |
| 1441.8564 | -999.25 | -999.25 | 80.27   | 1.12    | 1.05    |
| 1442.0088 | 3.45    | 3.45    | 84.92   | 1.12    | 1.05    |
| 1442.1612 | 3.97    | 3.97    | 88.41   | -999.25 | 1.06    |
| 1442.3136 | 3.85    | 3.85    | 83.76   | 1.14    | 1.08    |
| 1442.4660 | 3.65    | 3.65    | 86.09   | 1.14    | 1.04    |
| 1442.6184 | 5.25    | 5.25    | 88.41   | 1.18    | 1.04    |
| 1442.7708 | 9.46    | 9.46    | 70.97   | 1.25    | 1.13    |
| 1442.9232 | 9.52    | 9.52    | 68.06   | 1.26    | 1.30    |
| 1443.0756 | 7.00    | 7.00    | 62.25   | 1.27    | 1.44    |
| 1443.2280 | 11.13   | 11.13   | 79.69   | 1.25    | 1.33    |
| 1443.3804 | 22.48   | 6.11    | 75.04   | 1.18    | 1.09    |
| 1443.5328 | 13.39   | 6.95    | 77.17   | 1.13    | 1.02    |
| 1443.6852 | 9.13    | 7.39    | 83.76   | 1.10    | 1.00    |
| 1443.8376 | 10.22   | 8.96    | 79.11   | 1.11    | 1.03    |
| 1443.9900 | 15.36   | 10.69   | 76.49   | 1.11    | 1.05    |
| 1444.1424 | 14.62   | 11.47   | 77.95   | 1.11    | 1.06    |
| 1444.2948 | 16.31   | 11.81   | 77.56   | 1.11    | 1.06    |



```

#MNEM.UNIT
#----- : Curve Description
DEPT      .M
ROP       .M/HR
ROP5      .M/HR
GR_CDR_RT .GAPI
ATR_RT    .OHMM
PSR_RT    .OHMM
#

```

-Parameter Information Block

```

#MNEM.UNIT Value:Description
#
#

```

-Other Information Block

```

#
-A  DEPT      ROP      ROP5  GR_CDR_RT  ATR_RT  PSR_RT
1429.0548 -999.25 -999.25 54.69 0.14 0.13
1429.2072 -999.25 -999.25 53.53 -999.25 0.10
1429.3596 -999.25 -999.25 50.04 2000.00 0.10
1429.5120 -999.25 -999.25 62.83 -999.25 2.40
1429.6644 -999.25 -999.25 67.48 0.12 1.56
1429.8168 -999.25 -999.25 67.48 0.80 1.11
1429.9692 -999.25 -999.25 60.50 1.08 0.99
1430.1216 -999.25 -999.25 77.95 1.17 0.93
1430.2740 -999.25 -999.25 66.32 1.01 1.03
1430.4264 -999.25 -999.25 62.83 1.11 1.17
1430.5788 -999.25 -999.25 76.78 1.16 1.77
1430.7312 -999.25 -999.25 75.23 0.85 1.81
1430.8836 -999.25 -999.25 79.11 1.09 0.63
1431.0360 -999.25 -999.25 78.24 0.56 0.65
1431.1884 -999.25 -999.25 79.88 0.62 0.62
1431.3408 -999.25 -999.25 84.54 0.66 0.63
1431.4932 -999.25 -999.25 77.95 0.74 0.66
1431.6456 -999.25 -999.25 83.76 0.81 1.05
1431.7980 -999.25 -999.25 90.74 0.78 1.49
1431.9504 -999.25 -999.25 75.62 0.87 0.71
1432.1028 -999.25 -999.25 81.43 0.84 0.58
1432.2552 -999.25 -999.25 88.41 -999.25 -999.25
1432.4076 -999.25 -999.25 80.27 1.01 1.31
1432.5600 -999.25 -999.25 88.41 0.90 1.02
1432.7124 -999.25 -999.25 75.62 -999.25 1.23
1432.8648 -999.25 -999.25 82.60 0.82 -999.25
1433.0172 -999.25 -999.25 84.92 0.76 0.79
1433.1696 -999.25 -999.25 80.27 0.88 0.77
1433.3220 -999.25 -999.25 -999.25 0.97 0.64
1433.4744 -999.25 -999.25 66.32 1.22 1.19
1433.6268 -999.25 -999.25 79.11 1.33 2.21
1433.7792 -999.25 -999.25 70.97 1.37 1.73
1433.9316 -999.25 -999.25 83.76 1.04 1.83
1434.0840 -999.25 -999.25 69.81 0.81 0.95
1434.2364 -999.25 -999.25 68.64 0.71 0.72
1434.3888 -999.25 -999.25 82.02 0.63 0.57
1434.5412 -999.25 -999.25 72.71 0.67 0.57
1434.6936 -999.25 -999.25 77.95 0.69 1.50
1434.8460 -999.25 -999.25 79.11 0.80 1.20
1434.9984 -999.25 -999.25 84.92 0.68 0.97
1435.1508 -999.25 -999.25 77.95 0.66 0.66
1435.3032 -999.25 -999.25 84.92 0.72 0.57

```