

Bit Run Summary

| Run number | | 5 | 6 | 7 | 8 | | | | | | |
|------------------------|-----|-----------|-----------|-----------|-----------|--|--|--|--|--|--|
| Bit size | in. | 8.5 | 8.5 | 8.5 | 8.5 | | | | | | |
| Bit start depth | m | 2532.0 | 2688.0 | 2866.0 | 3024.0 | | | | | | |
| Bit end depth | m | 2688.0 | 2866.0 | 3024.0 | 3369.0 | | | | | | |
| Top interval logged | m | 2527.0 | 2660.4 | 2832.8 | 2990.8 | | | | | | |
| Bottom interval logged | m | 2681.9 | 2859.9 | 3015.2 | 3360.2 | | | | | | |
| Begin log: time | | 21:00 | 01:25 | 02:43 | 07:48 | | | | | | |
| Begin log: date | | 26-Jan-05 | 30-Jan-05 | 02-Feb-05 | 04-Feb-05 | | | | | | |
| End log: time | | 02:03 | 06:58 | 12:49 | 18:50 | | | | | | |
| End log: date | | 29-Jan-05 | 01-Feb-05 | 03-Feb-05 | 05-Feb-05 | | | | | | |
| Mud data | | | | | | | | | | | |
| Depth | m | 2676.0 | 2838.0 | 2957.0 | 3226.0 | | | | | | |

| Type | | KCL/PHPA/Glycol | KCL/PHPA/Glycol | KCL/PHPA/Glycol | KCL/PHPA/Glycol | | | | | | |
|---------------------------|----------|-----------------|-----------------|-----------------|-----------------|--------|--|--|--|--|--|
| Mud weight | ppg | 10.1 | 10.0 | 10.2 | 10.2 | | | | | | |
| Solids | % | 8.9 | 8.9 | 9.1 | 9.2 | | | | | | |
| Chlorides | mg/L | 40000 | 40000 | 40000 | 39000 | | | | | | |
| Rm | ohm.m@°C | 0.11 @25.2 | 0.11 @24.7 | 0.11 @22.9 | 0.11 @23.4 | | | | | | |
| Rmf | ohm.m@°C | 0.09 @24.6 | 0.09 @24.1 | 0.09 @22.3 | 0.09 @23.3 | | | | | | |
| Rmc | ohm.m@°C | 0.18 @25.8 | 0.14 @25.3 | 0.15 @23.8 | 0.16 @23.6 | | | | | | |
| Potassium | % | 6.0 | 7.0 | 6.0 | 6.0 | | | | | | |
| Environmental data | | | | | | | | | | | |
| GR | | | | | | | | | | | |
| Mud weight | ppg | 10.1 | 10.0 | 10.2 | 10.2 | | | | | | |
| Bit size | in. | 8.5 | 8.5 | 8.5 | 8.5 | | | | | | |
| Resistivity | | | | | | | | | | | |
| Neutron porosity | | | | | | | | | | | |
| Hole Size | in. | 8.5 | 8.5 | 8.5 | 8.5 | | | | | | |
| Mud weight | ppg | 10.1 | 10.0 | 10.2 | 10.2 | | | | | | |
| Temperature | °C | 86.3 | 84.7 | 85.5 | 97.3 | | | | | | |
| Mud salinity | ppm | 63487 | 69810 | 62996 | 64793 | | | | | | |
| Formation salinity | | | | | | | | | | | |
| Recording rate 1 | SEC | 10 sec. | 10 sec. | 10 sec. | 10 sec. | | | | | | |
| Recording rate 2 | SEC | 10 sec. | 10 sec. | 10 sec. | 10 sec. | | | | | | |
| Filtering GR | | 3 pt. | 3 pt. | 3 pt. | 3 pt. | | | | | | |
| Filtering density | | 3 pt. | 3 pt. | 3 pt. | 3 pt. | | | | | | |
| Filtering Neutron | | 3 pt. | 3 pt. | 3 pt. | 3 pt. | | | | | | |
| Company representative | | B. Steel | R. Bain | R. Morris | | | | | | | |
| Anadrill personnel | | J. Dolan | K. Handley | M. Y. Tan | C. Soper | D. Hay | | | | | |

DISCLAIMER

THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE OF AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.

| | | |
|--|---|--|
| OTHER SERVICES FOR RUN5 Directional Drilling D&I Survey | OTHER SERVICES FOR RUN6 Directional Drilling D&I Survey | OTHER SERVICES FOR RUN7 Directional Drilling D&I Survey |
| REMARKS: RUN NUMBER 5 8-1/2 in. hole section was drilled from 2532.0 m to 2688.0 m. Depth is referenced to Driller's Depth. All data presented is from tool memory. GR corrected for Mud Weight, Tool and Bit Size. GVR*6 resistivity is corrected for bit size, mud resistivity and borehole temperature. Neutron porosity is calculated with a limestone matrix and is corrected for the bit size, borehole salinity, temperature and mud hydrogen index. PEF readings were affected by the presence of Barite in the mud system. Mud type is KCL/PHPA/Glycol. POOH for bit change. | REMARKS: RUN NUMBER 6 8-1/2 in. hole section was drilled from 2688.0 m to 2866.0 m. Depth is referenced to Driller's Depth. All data presented is from tool memory. GR corrected for Mud Weight, Tool and Bit Size. GVR*6 resistivity is corrected for bit size, mud resistivity and borehole temperature. Neutron porosity is calculated with a limestone matrix and is corrected for the bit size, borehole salinity, temperature and mud hydrogen index. PEF reading were affected by the presence of Barite in the mud system. Mud type is KCL/PHPA/Glycol. POOH for bit change. | REMARKS: RUN NUMBER 7 8-1/2 in. hole section was drilled from 2866.0 m to 3024.0 m. Depth is referenced to Driller's Depth. All data presented is from tool memory. GR corrected for Mud Weight, Tool and Bit Size. GVR*6 resistivity is corrected for bit size, mud resistivity and borehole temperature. Neutron porosity is calculated with a limestone matrix and is corrected for the bit size, borehole salinity, temperature and mud hydrogen index. Ultrasonic Caliper not available during sliding intervals. PEF readings were affected by the presence of Barite in the mud system. |

Mud type is KCL/PHPA/Glycol.

POOH for bit change.

EQUIPMENT DESCRIPTION

RUN5

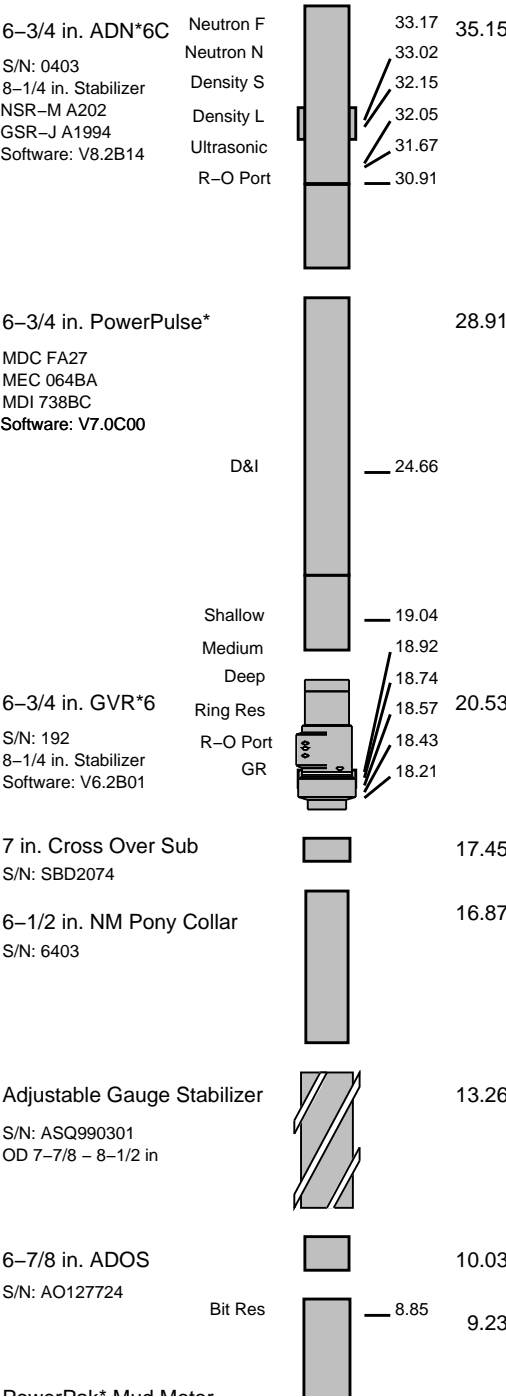
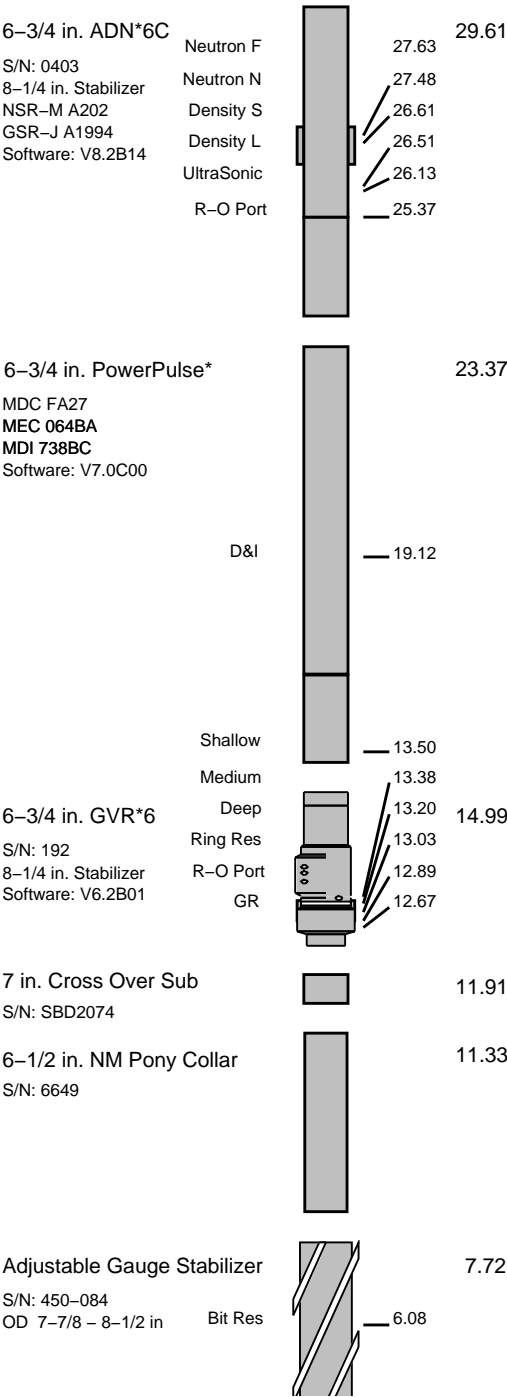
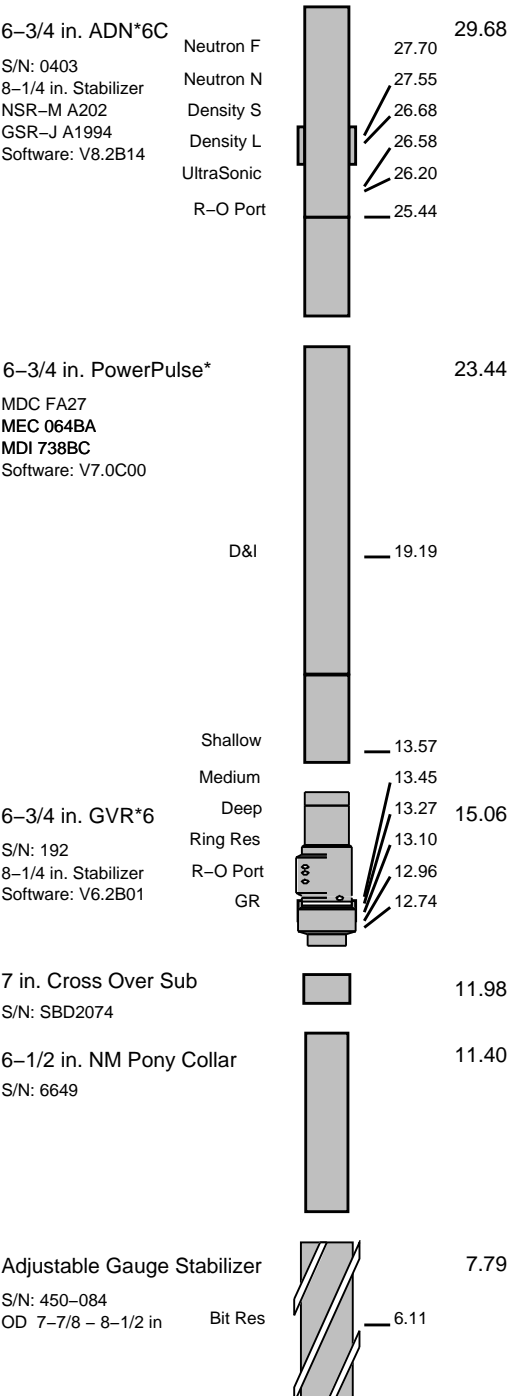
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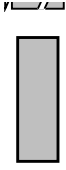

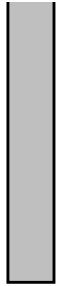





RUN7

DOWNHOLE EQUIPMENT

DOWNHOLE EQUIPMENT

DOWNHOLE EQUIPMENT



| | | |
|---|--|--|
| 6-3/8 in. NM Pony Collar S/N: GS97-26  4.56 | 6-3/8 in. NM Pony Collar S/N: GS97-26  4.49 | PowerPak Mud Motor A700GT S/N: N7310 1.15 deg Bend 8-3/8 in. Motor Sleeve  |
| 6-1/2 in. NB Roller Reamer S/N: GU1490  2.07 | 8-1/2 in. NB Stabilizer S/N: DOTS3229  2.00 | |
| Hughes Insert Bit MX30D S/N: 6023698 OD 8-1/2 in.  0.00 0.24 | Hughes Insert Bit MX30DX S/N: 6025358 OD 8-1/2 in.  0.00 0.24 | Smith Insert Bit GF11Y S/N: MX0600 OD 8-1/2 in.  0.00 0.25 |
| Maximum string diameter 8.50 in. All lengths in Meters | Maximum string diameter 8.50 in. All lengths in Meters | Maximum string diameter 8.50 in. All lengths in Meters |

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| | | |
|--|------------------------|------------------------|
| OTHER SERVICES FOR RUN8 Directional Drilling D&I Survey | OTHER SERVICES FOR RUN | OTHER SERVICES FOR RUN |
| REMARKS: RUN NUMBER 8 8-1/2 in. hole section was drilled from 3024.0 m to 3369.0 m. Depth is referenced to Driller's Depth. All data presented is from tool memory. GR corrected for Mud Weight, Tool and Bit Size. GVR*6 resistivity is corrected for bit size, mud resistivity and borehole temperature. Neutron porosity is calculated with a limestone matrix and is corrected for the bit size, borehole salinity, temperature and mud hydrogen index. Ultrasonic Caliper not available during sliding intervals. PEF readings were affected by the presence of Barite in the mud system. Mud type is KCL/PHPA/Glycol. POOH due to well TD. | REMARKS: RUN NUMBER | REMARKS: RUN NUMBER |

| EQUIPMENT DESCRIPTION | | |
|-----------------------|-----|-----|
| RUN8 | RUN | RUN |
| | | |

DOWNHOLE EQUIPMENT

6-3/4 in. ADN*6C Neutron F 33.17 35.15
 S/N: 0403 Neutron N 33.02
 8-1/4 in. Stabilizer Density S 32.15
 NSR-M A202 Density L 32.05
 GSR-J A1994 UltraSonic 31.67
 Software: V8.2B14 R-O Port 30.91

6-3/4 in. PowerPulse* 28.91
 MDC FA27
 MEC 064BA
 MDI 738BC
 Software: V7.0C00

D&I 24.66

Shallow 19.04

Medium 18.92

Deep 18.74

6-3/4 in. GVR*6 Ring Res 18.57 20.53
 S/N: 192 R-O Port 18.43
 8-1/4 in. Stabilizer GR 18.21
 Software: V6.2B01

7 in. Cross Over Sub 17.45
 S/N: SBD2074

6-1/2 in. NM Pony Collar 16.87
 S/N: 6403

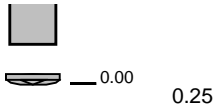
Adjustable Gauge Stabilizer 13.26
 S/N: ASQ990301
 OD 7-7/8 - 8-1/2 in

6-7/8 in. ADOS 10.03
 S/N: AO127724

Bit Res 8.85 9.23

PowerPak* Mud Motor
 A700GT S/N: N7310
 1.15 deg Bend
 8-3/8 in. Motor Sleeve

Reed Hycalog PDC Bit
DSX 173 S/N: 208594
OD 8-1/2 in.



Maximum string diameter 8.50 in.
All lengths in Meters

True Vertical Depth Log

IDEAL Version: ID9_1C_01

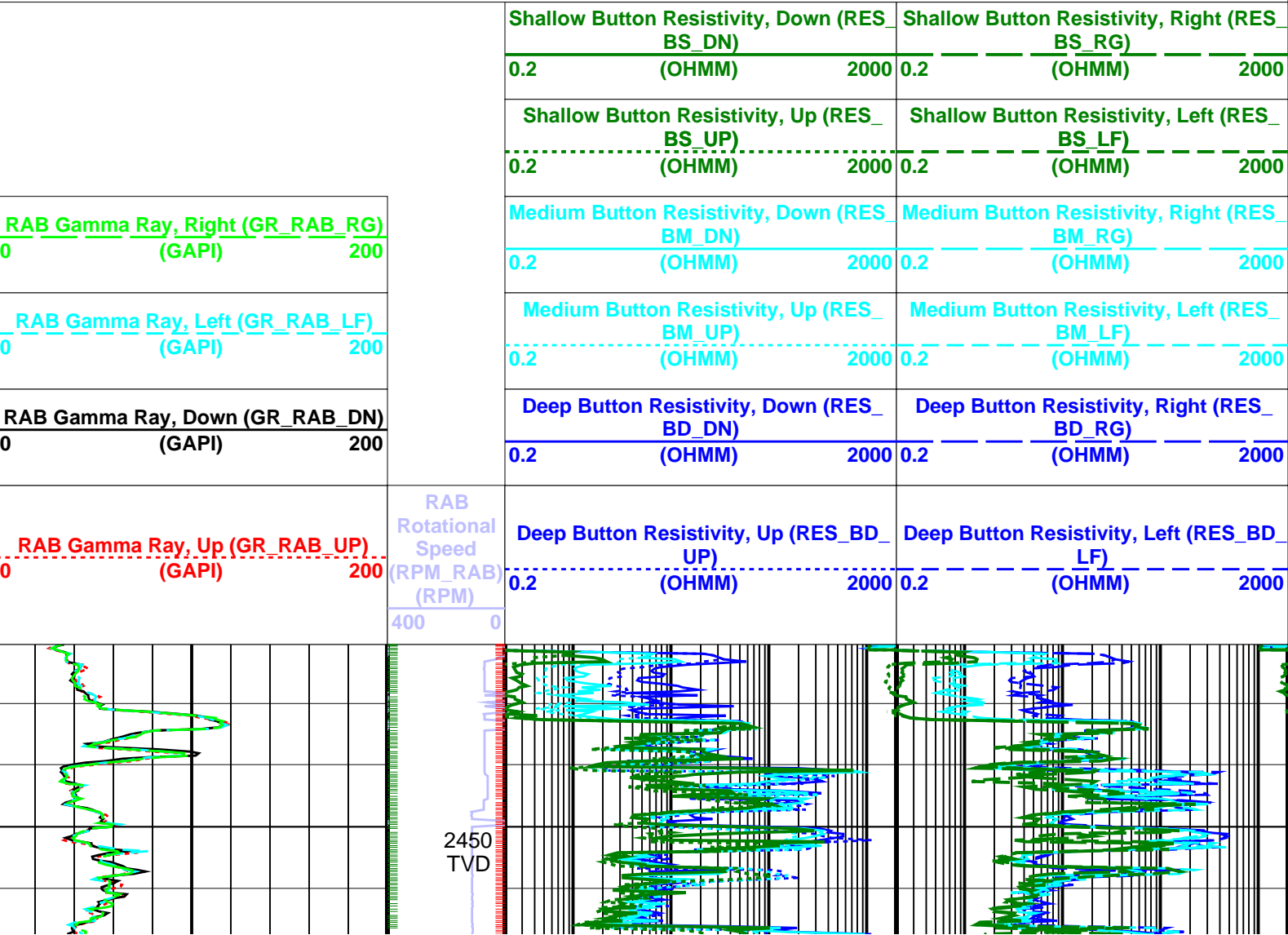
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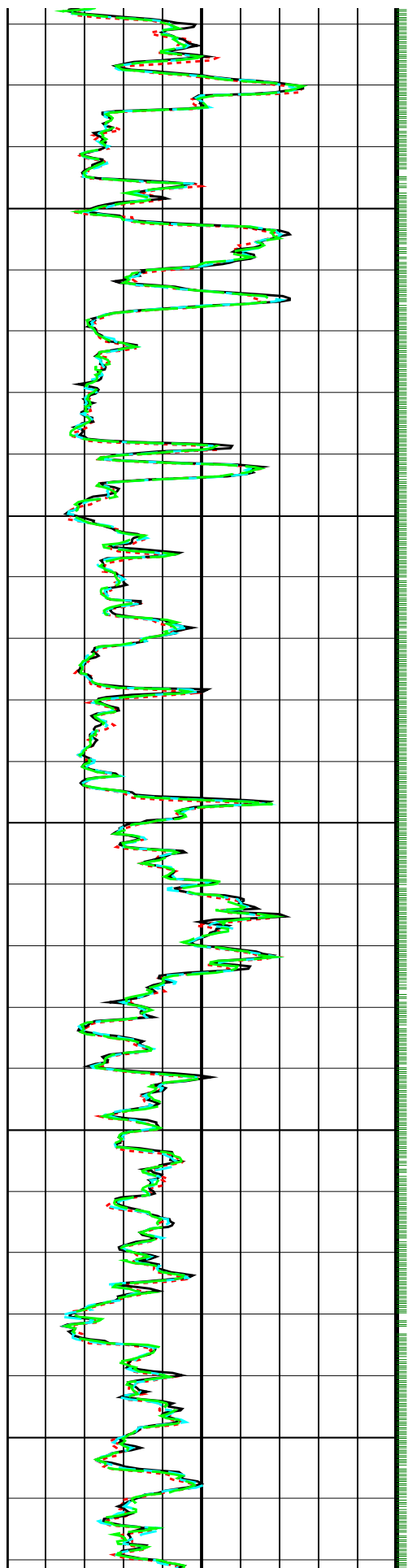
RAB id9_1c_01 MWD_10 id9_1c_01
ADN id9_1c_01

Format: GeoVISION Quad Resistivity Log Vertical Scale: 1:500 Graphics File Created: 08-Feb-2005 03:07

PIP SUMMARY

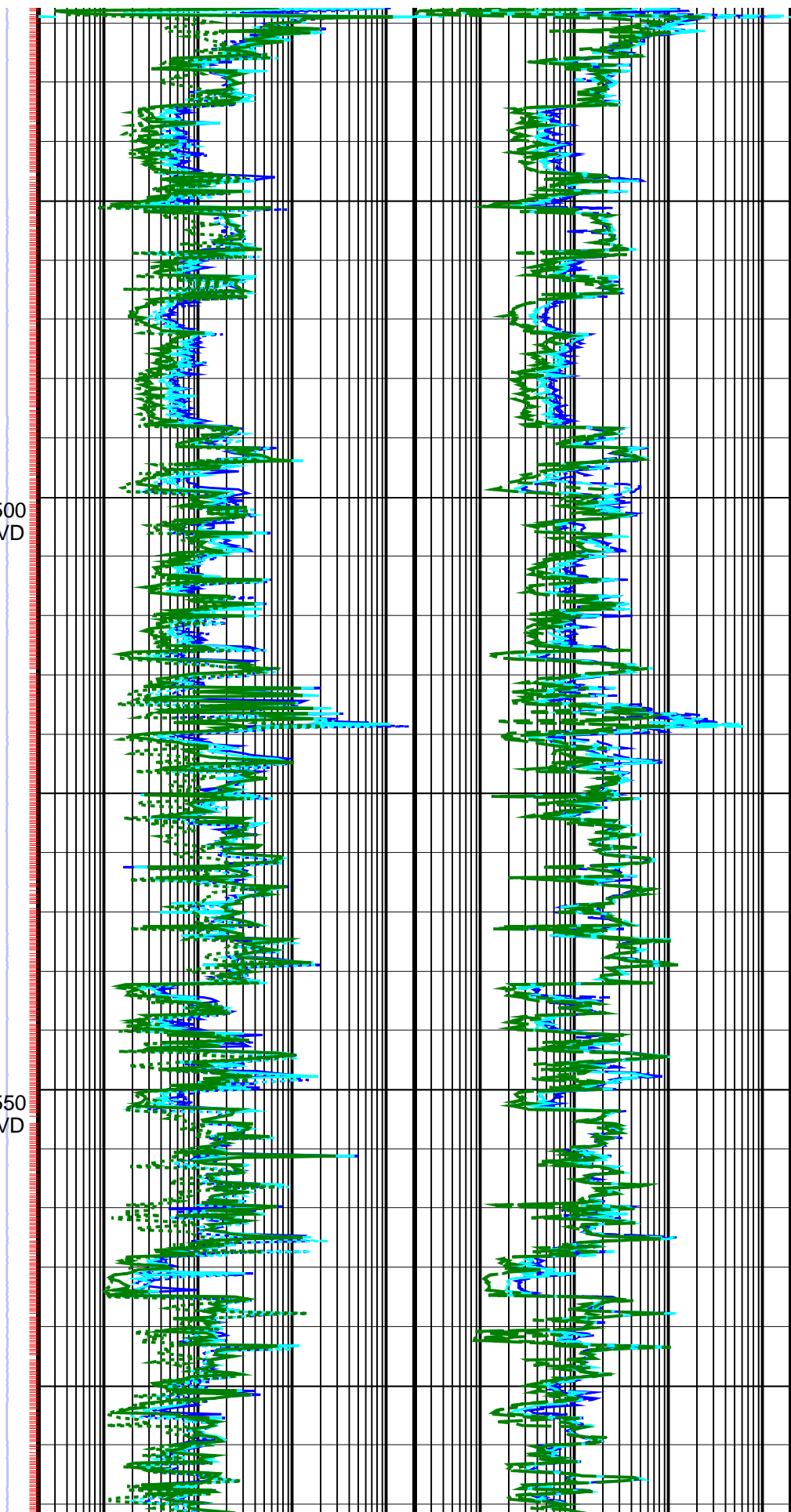
└ Gamma Ray Samples
└ Button Samples

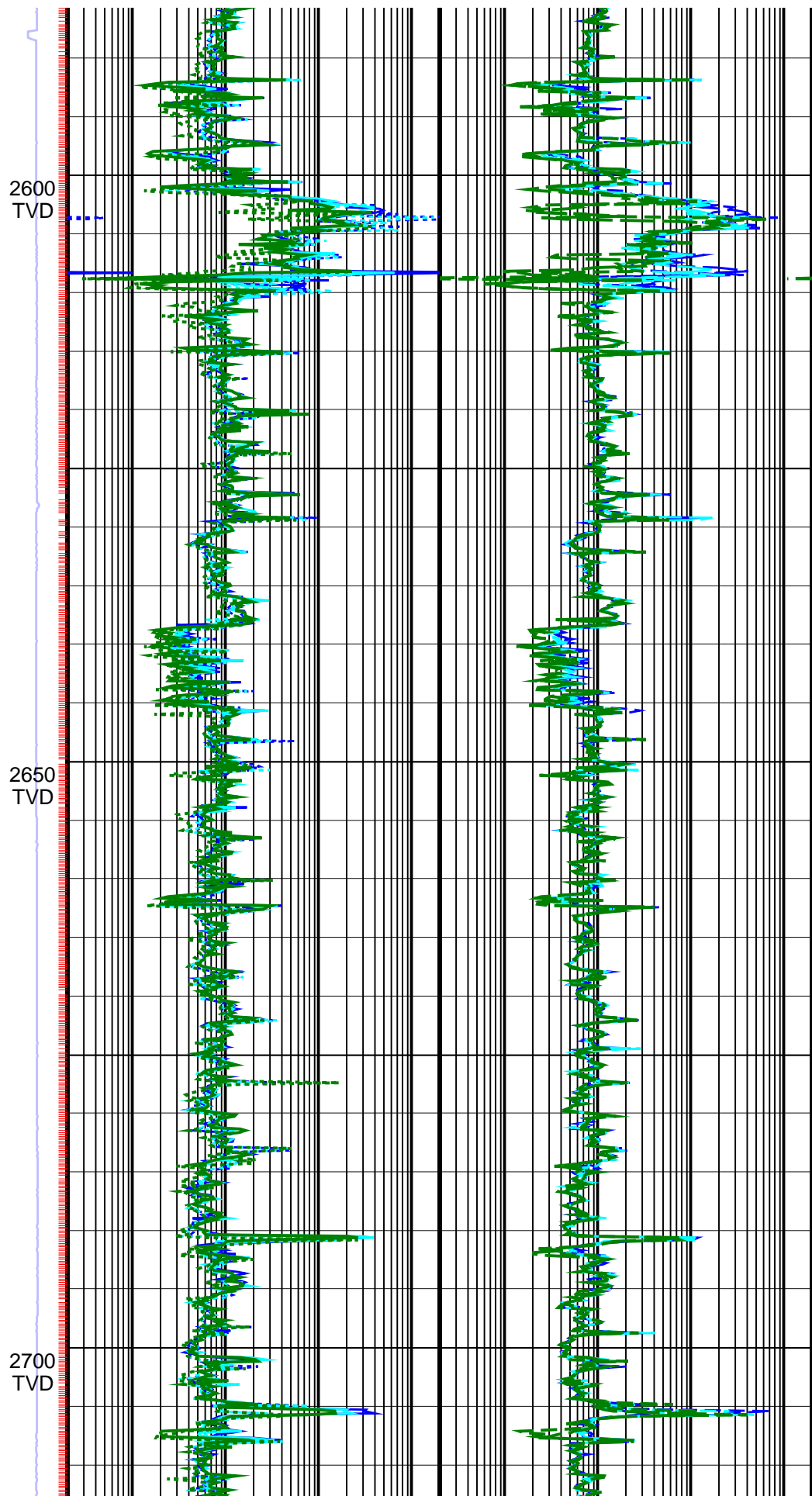
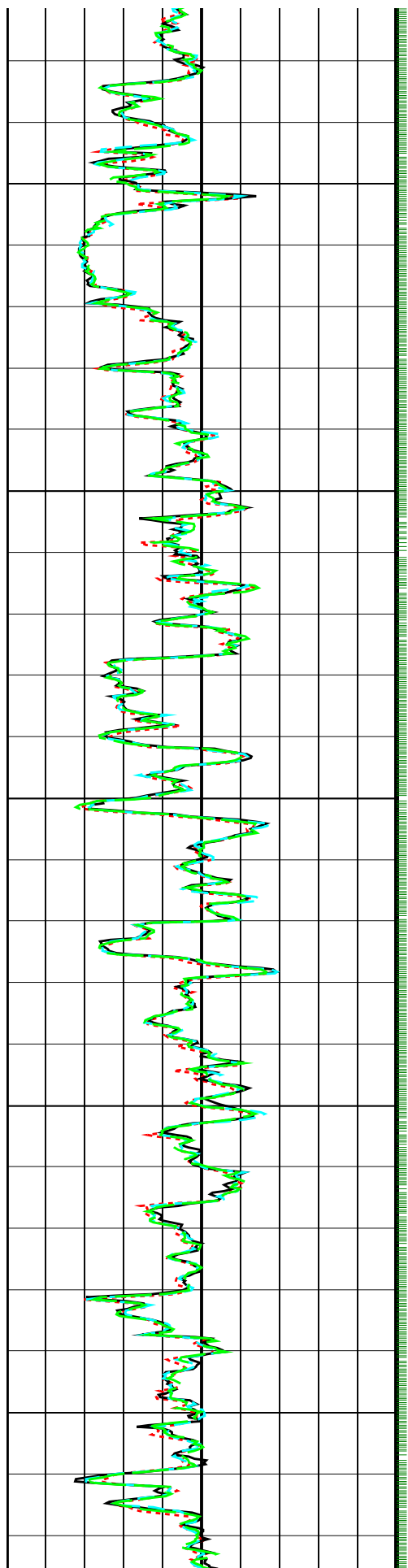


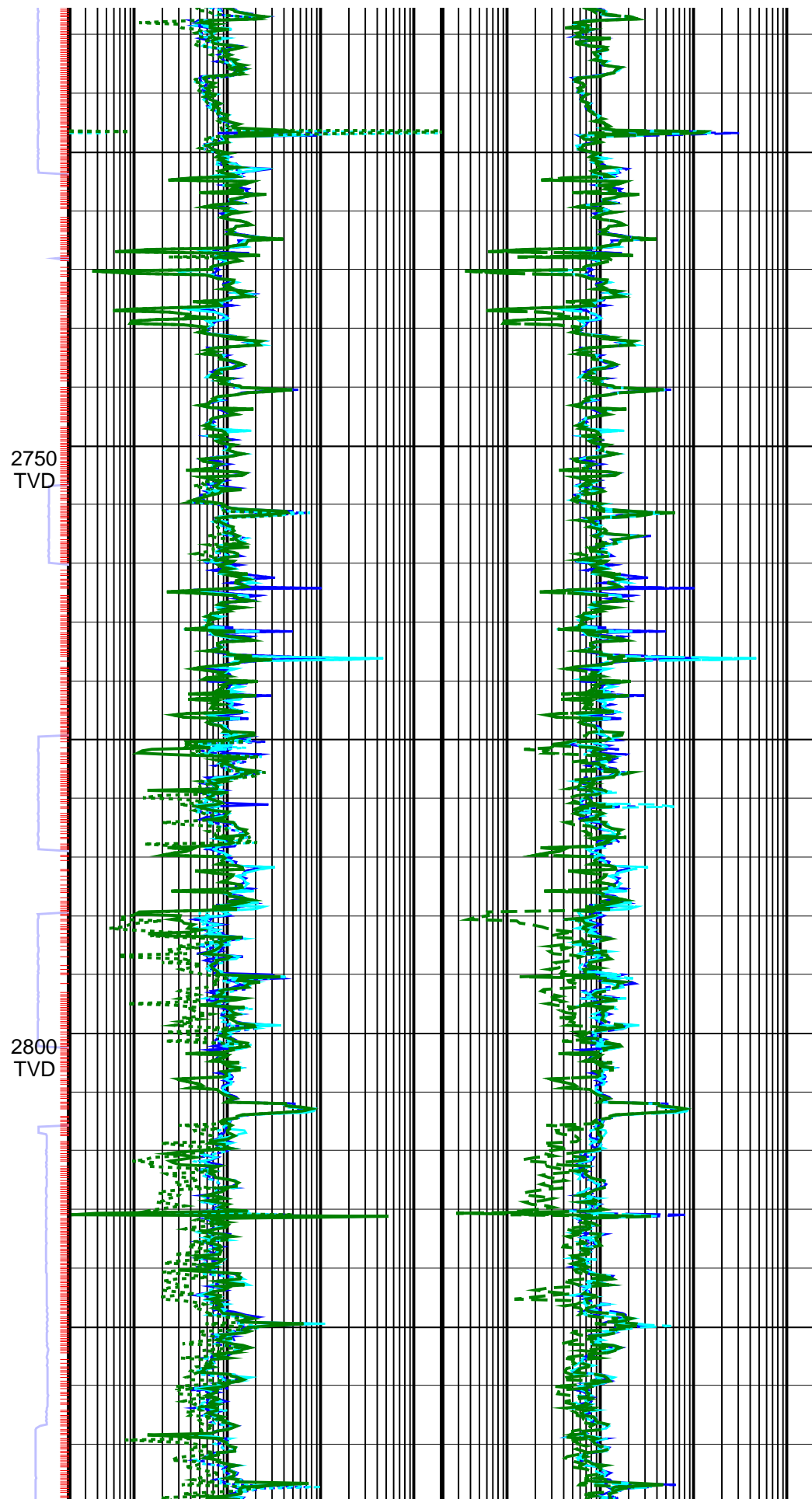
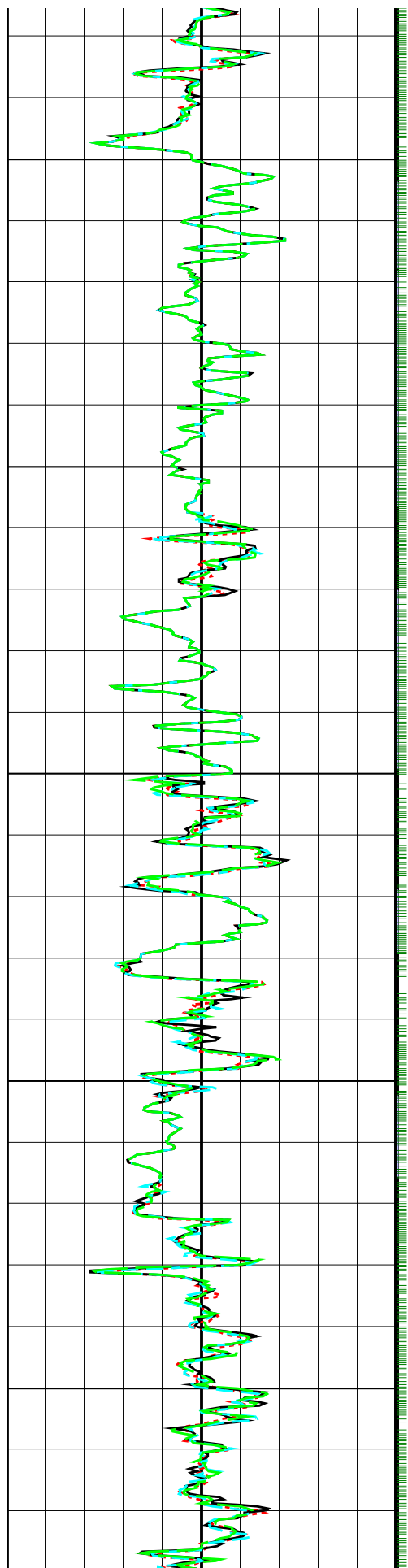


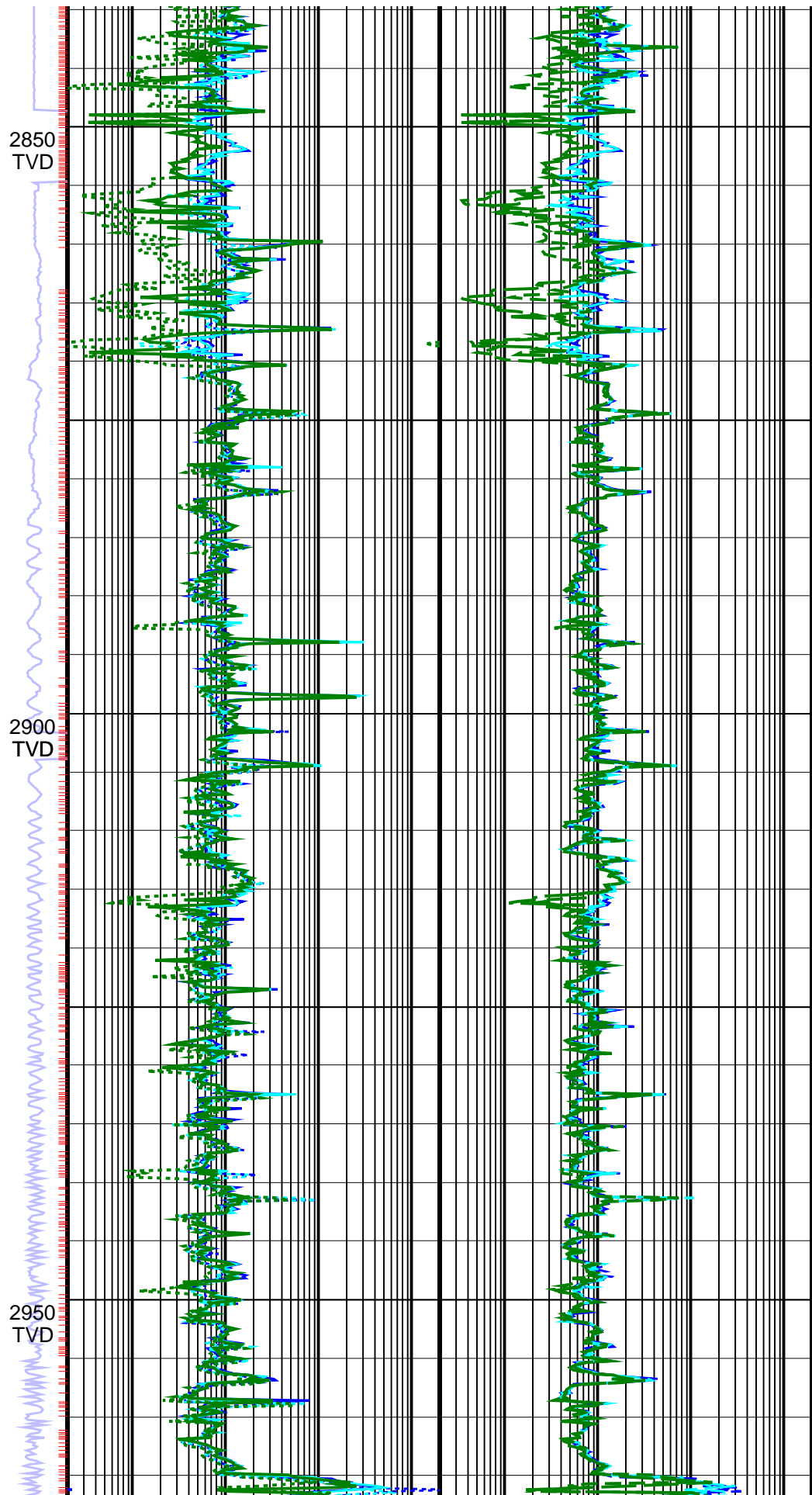
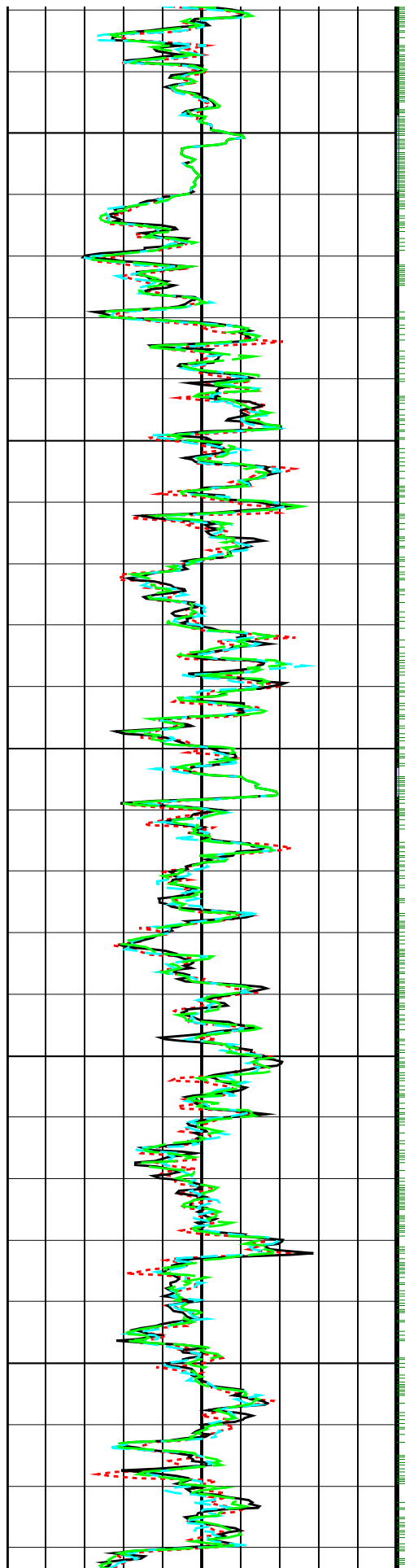
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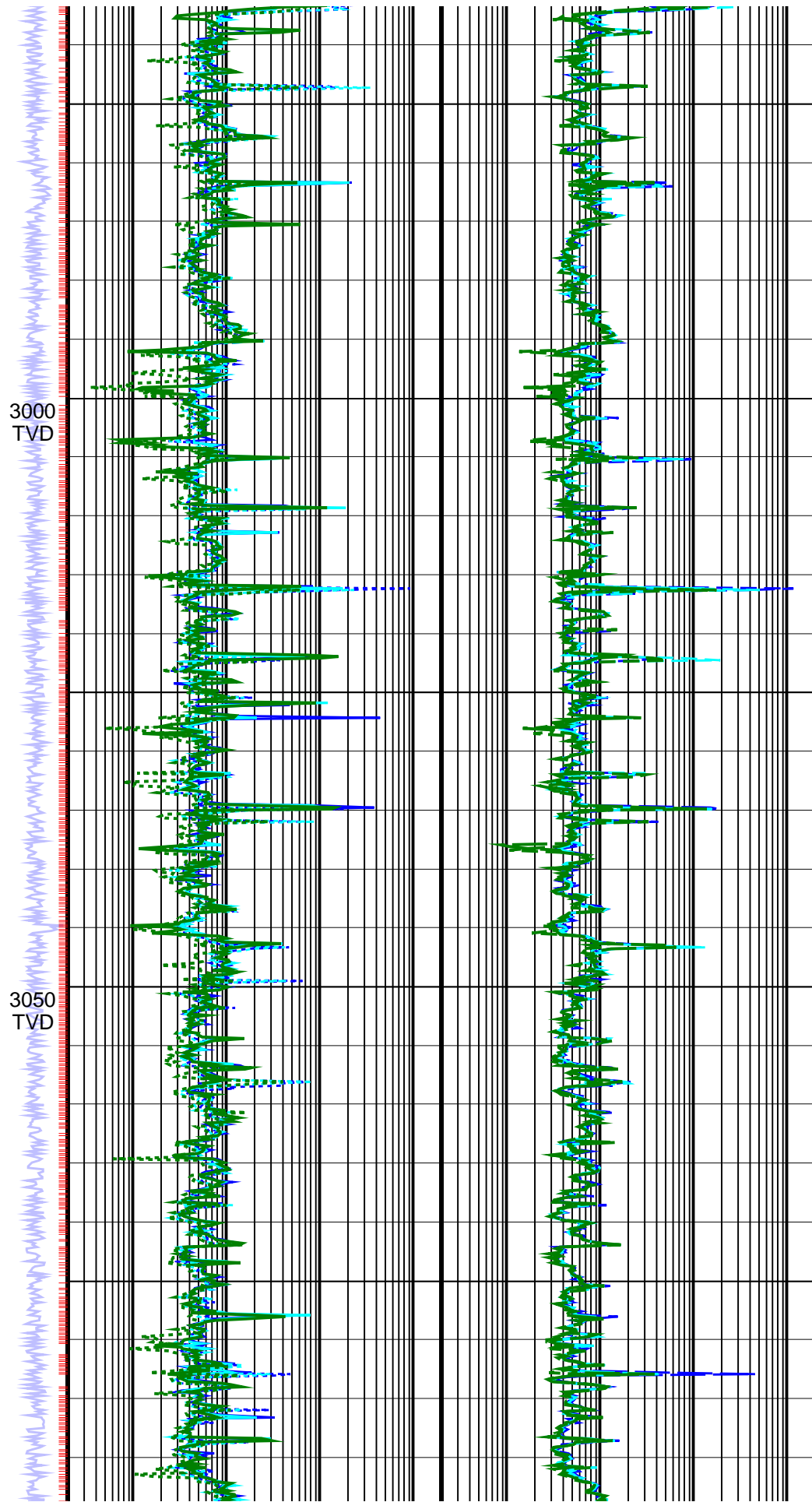
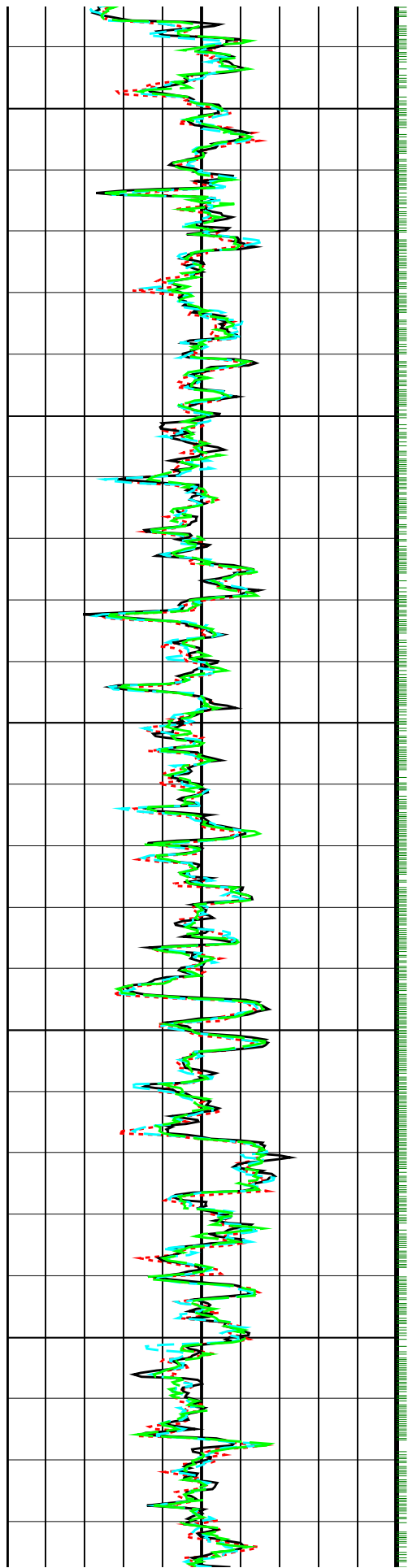
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TVD

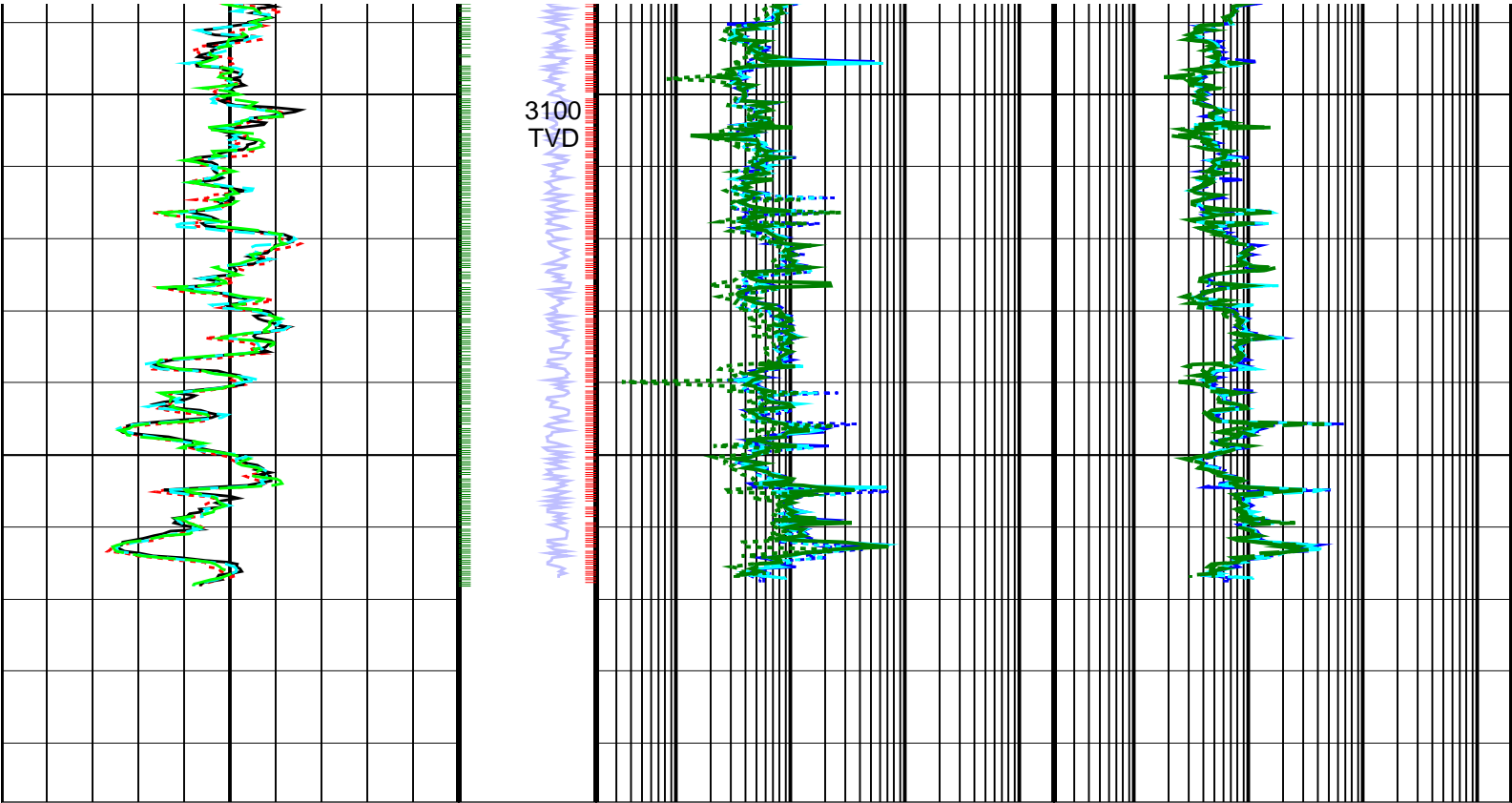












| | | | |
|--|---|---|--|
| <div>RAB Gamma Ray, Up (GR_RAB_UP) (GAPI)</div> <div>0200</div> | <div>RAB Rotational Speed (RPM_RAB) (RPM)</div> <div>4000</div> | <div>Deep Button Resistivity, Up (RES_BD_UP) (OHMM)</div> <div>0.22000</div> | <div>Deep Button Resistivity, Left (RES_BD_LF) (OHMM)</div> <div>0.22000</div> |
| <div>RAB Gamma Ray, Down (GR_RAB_DN) (GAPI)</div> <div>0200</div> | | <div>Deep Button Resistivity, Down (RES_BD_DN) (OHMM)</div> <div>0.22000</div> | <div>Deep Button Resistivity, Right (RES_BD_RG) (OHMM)</div> <div>0.22000</div> |
| <div>RAB Gamma Ray, Left (GR_RAB_LF) (GAPI)</div> <div>0200</div> | | <div>Medium Button Resistivity, Up (RES_BM_UP) (OHMM)</div> <div>0.22000</div> | <div>Medium Button Resistivity, Left (RES_BM_LF) (OHMM)</div> <div>0.22000</div> |
| <div>RAB Gamma Ray, Right (GR_RAB_RG) (GAPI)</div> <div>0200</div> | | <div>Medium Button Resistivity, Down (RES_BM_DN) (OHMM)</div> <div>0.22000</div> | <div>Medium Button Resistivity, Right (RES_BM_RG) (OHMM)</div> <div>0.22000</div> |
| | | <div>Shallow Button Resistivity, Up (RES_BS_UP) (OHMM)</div> <div>0.22000</div> | <div>Shallow Button Resistivity, Left (RES_BS_LF) (OHMM)</div> <div>0.22000</div> |
| | | <div>Shallow Button Resistivity, Down (RES_BS_DN) (OHMM)</div> <div>0.22000</div> | <div>Shallow Button Resistivity, Right (RES_BS_RG) (OHMM)</div> <div>0.22000</div> |

PIP SUMMARY

└ Gamma Ray Samples
└ Button Samples

IDEAL Version: ID9_1C_01
IDF

RAB id9_1c_01 MWD_10 id9_1c_01
ADN id9_1c_01

True Vertical Depth Log

6.75-in. Azimuthal Density Neutron / Equipment Identification

Primary Equipment:




Tool Name and Serial Number
Collar Type and Serial Number
Chassis Type and Serial Number
Neutron Logging Source
Density Logging Source
Stabilizer Size
Calibration Status

ADN6 – CA 0403
ADDC – AA 0403
ADSE – EA 018
NSR – M 202
GSR – J/Z 1994
8.25 – in.
Valid

Master: 30–Nov–2004 12:45

6.75-in. Azimuthal Density Neutron Calibration

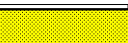
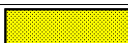
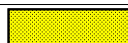
Density: Magnesium Block

| Phase | LS window 3 – Mg CPS | Value | Phase | SS window 1 – Mg CPS | Value | Phase | SS window 3 – Mg CPS | Value |
|--------|---|-------|--------|---|-------|--------|---|-------|
| Master |  | 1022 | Master |  | 2282 | Master |  | 5972 |
| | 250.0 (Minimum) 4125 (Nominal) 8000 (Maximum) | | | 700.0 (Minimum) 9350 (Nominal) 18000 (Maximum) | | | 2500 (Minimum) 23750 (Nominal) 45000 (Maximum) | |

Master: 30–Nov–2004 12:45

6.75-in. Azimuthal Density Neutron Calibration




Density: Aluminum Block

| Phase | LS window 3 – Al CPS | Value | Phase | SS window 1 – Al CPS | Value | Phase | SS window 3 – Al CPS | Value |
|--------|---|-------|--------|---|-------|--------|---|-------|
| Master |  | 156.6 | Master |  | 1184 | Master |  | 3762 |
| | 50.00 (Minimum) 725.0 (Nominal) 1400 (Maximum) | | | 500.0 (Minimum) 4250 (Nominal) 8000 (Maximum) | | | 1500 (Minimum) 15750 (Nominal) 30000 (Maximum) | |

Master: 30–Nov–2004 12:45

6.75-in. Azimuthal Density Neutron Calibration


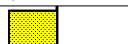
Density: Background

| Phase | LS window 3 – Background CPS | Value | Phase | SS window 1 – Background CPS | Value | Phase | SS window 3 – Background CPS | Value |
|--------|---|-------|--------|---|-------|--------|---|-------|
| Master |  | 34.18 | Master |  | 108.6 | Master |  | 480.8 |
| | 15.00 (Minimum) 82.50 (Nominal) 150.0 (Maximum) | | | 40.00 (Minimum) 220.0 (Nominal) 400.0 (Maximum) | | | 150.0 (Minimum) 825.0 (Nominal) 1500 (Maximum) | |

Master: 30–Nov–2004 12:45

6.75-in. Azimuthal Density Neutron Calibration

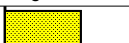
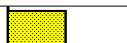
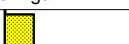


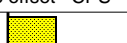
Density: Water Block Check

| Phase | Long spacing water density G/C3 | Value | Phase | Short spacing water density G/C3 | Value |
|--------|---|-------|--------|---|-------|
| Master |  | 1.030 | Master |  | 1.120 |
| | 1.024 (Minimum) 1.039 (Nominal) 1.054 (Maximum) | | | 1.096 (Minimum) 1.126 (Nominal) 1.156 (Maximum) | |

Master: 30–Nov–2004 12:45

6.75-in. Azimuthal Density Neutron Calibration

Neutron: Water Tank

| Phase | Far 1 tube 1 gain | Value | Phase | Far 1 tube 1 offset CPS | Value |
|--------|---|-------|--------|---|--------|
| Master |  | 1.133 | Master |  | 0.2488 |
| | 0.8000 (Minimum) 1.050 (Nominal) 1.300 (Maximum) | | | -1.000 (Minimum) 0 (Nominal) 1.000 (Maximum) | |
| Phase | Far 1 tube 2 gain | Value | Phase | Far 1 tube 2 offset CPS | Value |
| Master |  | 1.082 | Master |  | 0.2448 |
| | 0.8000 (Minimum) 1.050 (Nominal) 1.300 (Maximum) | | | -1.000 (Minimum) 0 (Nominal) 1.000 (Maximum) | |
| Phase | Far 1 tube 3 gain | Value | Phase | Far 1 tube 3 offset CPS | Value |
| Master |  | 1.120 | Master |  | 0.2026 |
| | 0.8000 (Minimum) 1.050 (Nominal) 1.300 (Maximum) | | | -1.000 (Minimum) 0 (Nominal) 1.000 (Maximum) | |

| | | | | | |
|--------|--|-------|--------|--|---------|
| Phase | Far 2 tube 1 gain | Value | Phase | Far 2 tube 1 offset CPS | Value |
| Master | | 1.113 | Master | | 0.3294 |
| | 0.8000 (Minimum) 1.050 (Nominal) 1.300 (Maximum) | | | -1.000 (Minimum) 0 (Nominal) 1.000 (Maximum) | |
| Phase | Far 2 tube 2 gain | Value | Phase | Far 2 tube 2 offset CPS | Value |
| Master | | 1.060 | Master | | -0.1372 |
| | 0.8000 (Minimum) 1.050 (Nominal) 1.300 (Maximum) | | | -1.000 (Minimum) 0 (Nominal) 1.000 (Maximum) | |
| Phase | Far 2 tube 3 gain | Value | Phase | Far 2 tube 3 offset CPS | Value |
| Master | | 1.149 | Master | | 0.5438 |
| | 0.8000 (Minimum) 1.050 (Nominal) 1.300 (Maximum) | | | -1.000 (Minimum) 0 (Nominal) 1.000 (Maximum) | |
| Phase | Near 1 tube 1 gain | Value | Phase | Near 1 tube 1 offset CPS | Value |
| Master | | 1.133 | Master | | 30.21 |
| | 0.8000 (Minimum) 1.050 (Nominal) 1.300 (Maximum) | | | -100.0 (Minimum) 0 (Nominal) 100.0 (Maximum) | |
| Phase | Near 2 tube 1 gain | Value | Phase | Near 2 tube 1 offset CPS | Value |
| Master | | 1.111 | Master | | 13.40 |
| | 0.8000 (Minimum) 1.050 (Nominal) 1.300 (Maximum) | | | -100.0 (Minimum) 0 (Nominal) 100.0 (Maximum) | |

| | | |
|--|---|-------|
| Master: 30-Nov-2004 12:45 | | |
| 6.75-in. Azimuthal Density Neutron Calibration | | |
| Neutron: Water Block Check | | |
| Phase | Far Neutron water porosity PU | Value |
| Master | | 117.4 |
| | 90.00 (Minimum) 100.0 (Nominal) 125.0 (Maximum) | |

6.75-in. Resistivity At-the-Bit / Equipment Identification

Primary Equipment:

Tool Name and Serial Number

RAB6 - CA

192

Calibration Status

Valid

| | | | | | | | | | | | |
|---|-----------------------|--------------------|--------------------|--------|-----------------------|--------------------|--------------------|--------|----------------------|--------------------|--------------------|
| Master: 21-Dec-2004 11:22 | | | | | | | | | | | |
| 6.75-in. Resistivity At-the-Bit Calibration | | | | | | | | | | | |
| Resistivity: Fixture | | | | | | | | | | | |
| Phase | Ring/T1 factor | | Value | Phase | Ring/T2 factor | | Value | Phase | M0/T1 factor | | Value |
| Master | | | 0.9984 | Master | | | 1.002 | Master | | | 0.9909 |
| | 0.9750 (Minimum) | 1.000 (Nominal) | 1.025 (Maximum) | | 0.9750 (Minimum) | 1.000 (Nominal) | 1.025 (Maximum) | | 0.9750 (Minimum) | 1.000 (Nominal) | 1.025 (Maximum) |
| Phase | M0/T2 factor | | Value | Phase | M2/T1 factor | | Value | Phase | M2/T2 factor | | Value |
| Master | | | 0.9928 | Master | | | 0.9973 | Master | | | 1.000 |
| | 0.9750 (Minimum) | 1.000 (Nominal) | 1.025 (Maximum) | | 0.9750 (Minimum) | 1.000 (Nominal) | 1.025 (Maximum) | | 0.9750 (Minimum) | 1.000 (Nominal) | 1.025 (Maximum) |
| Phase | BTN shallow/T1 factor | | Value | Phase | BTN shallow/T2 factor | | Value | Phase | BTN medium/T1 factor | | Value |
| Master | | | 0.9975 | Master | | | 1.000 | Master | | | 0.9935 |
| | 0.9750 (Minimum) | 1.000 (Nominal) | 1.025 (Maximum) | | 0.9750 (Minimum) | 1.000 (Nominal) | 1.025 (Maximum) | | 0.9750 (Minimum) | 1.000 (Nominal) | 1.025 (Maximum) |
| Phase | BTN medium/T2 factor | | Value | Phase | BTN deep/T1 factor | | Value | Phase | BTN deep/T2 factor | | Value |

| | | | | | | | | |
|---------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|--------------------|--------------------|
| Master | | 0.9962 | Master | | 1.005 | Master | | 1.008 |
| 0.9750 (Minimum) | 1.000 (Nominal) | 1.025 (Maximum) | 0.9750 (Minimum) | 1.000 (Nominal) | 1.025 (Maximum) | 0.9750 (Minimum) | 1.000 (Nominal) | 1.025 (Maximum) |

| | | |
|---|--------------------|--------------------|
| Master: 21-Dec-2004 11:22 | | |
| 6.75-in. Resistivity At-the-Bit Calibration | | |
| Gamma Ray: Blanket | | |
| Phase | Gamma ray factor | Value |
| Master | | 0.9227 |
| 0.7500 (Minimum) | 1.000 (Nominal) | 1.250 (Maximum) |

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Client.....: ESSO Australia Pty. Ltd.
Field.....: Moonfish

Well.....: West Moonfish-1
API number.....:
Engineer.....: J.Dolan / K.Handley / M.Y.Tan

Rig.....: ENSCO 102
STATE.....: Victoria

Spud date.....: 05-Jan-05
Last survey date.....: 05-Feb-05
Total accepted surveys...: 116
MD of first survey.....: 0.00 m
MD of last survey.....: 3369.00 m

----- Survey calculation methods-----
Method for positions.....: Minimum curvature
Method for DLS.....: Mason & Taylor

----- Geomagnetic data -----
Magnetic model.....: BGM version 2004
Magnetic date.....: 08-Jan-2005
Magnetic field strength...: 1199.31 HCNT
Magnetic dec (+E/W-).....: 13.04 degrees
Magnetic dip.....: -68.70 degrees

----- Depth reference -----
Permanent datum.....: Mean Sea Level
Depth reference.....: Driller's Depth
GL above permanent.....: -52.12 m
KB above permanent.....: Top Drive
DF above permanent.....: 39.24 m

----- MWD survey Reference Criteria -----
Reference G.....: 1000.02 mGal
Reference H.....: 1199.31 HCNT
Reference Dip.....: -68.70 degrees
Tolerance of G.....: (+/-) 2.50 mGal
Tolerance of H.....: (+/-) 6.00 HCNT
Tolerance of Dip.....: (+/-) 0.45 degrees

----- Vertical section origin-----
Latitude (+N/S-).....: 0.00 m
Departure (+E/W-).....: 0.00 m

----- Platform reference point-----
Latitude (+N/S-).....: 0.00 m
Departure (+E/W-).....: 0.00 m

Azimuth from Vsect Origin to target: 171.73 degrees

----- Corrections -----
Magnetic dec (+E/W-).....: 13.04 degrees
Grid convergence (+E/W-)..: -0.60 degrees
Total az corr (+E/W-).....: 13.64 degrees
(Total az corr = magnetic dec - grid conv)
Survey Correction Type ...:
I=Sag Corrected Inclination
M=Schlumberger Magnetic Correction
S=Shell Magnetic Correction
F=Failed Axis Correction
R=Magnetic Resonance Tool Correction
D=Dmag Magnetic Correction

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| 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 | Tool Corr (deg) |
|-------|--------------------|------------------|---------------------|-------------------|---------------|----------------------|-----------------|-----------------|-----------------|---------------|---------------|----------------|-----------------|
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | TIP | None |
| 2 | 91.00 | 0.00 | 0.00 | 91.00 | 91.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | MWD_M | None |
| 3 | 181.88 | 0.35 | 328.21 | 90.88 | 181.88 | -0.25 | 0.24 | -0.15 | 0.28 | 328.21 | 0.04 | MWD | None |
| 4 | 209.79 | 0.46 | 330.61 | 27.91 | 209.79 | -0.44 | 0.41 | -0.25 | 0.47 | 328.78 | 0.04 | MWD | None |
| 5 | 238.18 | 0.46 | 334.44 | 28.39 | 238.18 | -0.65 | 0.61 | -0.35 | 0.70 | 329.99 | 0.01 | MWD | None |
| 6 | 266.14 | 0.41 | 322.98 | 27.96 | 266.14 | -0.85 | 0.79 | -0.46 | 0.91 | 329.77 | 0.04 | MWD | None |
| 7 | 294.58 | 0.45 | 330.64 | 28.44 | 294.58 | -1.04 | 0.97 | -0.58 | 1.13 | 329.25 | 0.02 | MWD | None |
| 8 | 323.45 | 0.47 | 319.47 | 28.87 | 323.45 | -1.25 | 1.16 | -0.71 | 1.36 | 328.51 | 0.03 | MWD | None |
| 9 | 352.76 | 0.37 | 334.57 | 29.31 | 352.75 | -1.44 | 1.33 | -0.83 | 1.57 | 328.19 | 0.05 | MWD | None |
| 10 | 381.80 | 0.35 | 324.72 | 29.04 | 381.79 | -1.61 | 1.49 | -0.92 | 1.75 | 328.35 | 0.02 | MWD | None |
| 11 | 411.24 | 0.31 | 328.91 | 29.44 | 411.23 | -1.76 | 1.63 | -1.01 | 1.92 | 328.21 | 0.02 | MWD | None |
| 12 | 440.44 | 0.31 | 306.16 | 29.20 | 440.43 | -1.89 | 1.75 | -1.12 | 2.07 | 327.41 | 0.04 | MWD | None |
| 13 | 469.19 | 0.35 | 319.12 | 28.75 | 469.18 | -2.02 | 1.86 | -1.24 | 2.23 | 326.36 | 0.03 | MWD | None |
| 14 | 498.06 | 0.33 | 320.27 | 28.87 | 498.05 | -2.16 | 1.99 | -1.35 | 2.40 | 325.89 | 0.01 | MWD | None |
| 15 | 526.97 | 0.37 | 310.22 | 28.91 | 526.96 | -2.30 | 2.11 | -1.47 | 2.58 | 325.15 | 0.03 | MWD | None |
| 16 | 555.67 | 0.28 | 328.64 | 28.70 | 555.66 | -2.44 | 2.23 | -1.58 | 2.74 | 324.74 | 0.05 | MWD | None |
| 17 | 584.65 | 0.30 | 319.14 | 28.98 | 584.64 | -2.57 | 2.35 | -1.67 | 2.88 | 324.69 | 0.02 | MWD | None |
| 18 | 613.64 | 0.26 | 310.54 | 28.99 | 613.63 | -2.68 | 2.45 | -1.77 | 3.02 | 324.24 | 0.02 | MWD | None |
| 19 | 642.62 | 0.21 | 308.91 | 28.98 | 642.61 | -2.77 | 2.53 | -1.86 | 3.14 | 323.70 | 0.02 | MWD | None |

| | | | | | | | | | | | | | |
|----|--------|------|--------|-------|--------|-------|------|-------|------|--------|------|-----|------|
| 20 | 671.64 | 0.18 | 340.56 | 29.02 | 671.63 | -2.85 | 2.60 | -1.91 | 3.23 | 323.69 | 0.04 | MWD | None |
| 21 | 700.59 | 0.24 | 324.48 | 28.95 | 700.58 | -2.95 | 2.70 | -1.96 | 3.34 | 323.93 | 0.03 | MWD | None |
| 22 | 716.66 | 0.28 | 343.92 | 16.07 | 716.65 | -3.02 | 2.76 | -1.99 | 3.41 | 324.17 | 0.06 | MWD | None |
| 23 | 760.72 | 0.35 | 341.43 | 44.06 | 760.71 | -3.26 | 2.99 | -2.07 | 3.64 | 325.37 | 0.02 | MWD | None |
| 24 | 789.81 | 0.37 | 350.28 | 29.09 | 789.80 | -3.44 | 3.17 | -2.11 | 3.81 | 326.33 | 0.02 | MWD | None |
| 25 | 818.90 | 0.39 | 345.99 | 29.09 | 818.89 | -3.63 | 3.36 | -2.15 | 3.99 | 327.36 | 0.01 | MWD | None |
| 26 | 848.10 | 0.45 | 351.62 | 29.20 | 848.09 | -3.85 | 3.57 | -2.19 | 4.19 | 328.44 | 0.02 | MWD | None |
| 27 | 877.05 | 0.38 | 344.38 | 28.95 | 877.04 | -4.05 | 3.77 | -2.23 | 4.38 | 329.37 | 0.03 | MWD | None |
| 28 | 906.37 | 0.28 | 0.58 | 29.32 | 906.36 | -4.22 | 3.94 | -2.26 | 4.54 | 330.16 | 0.05 | MWD | None |
| 29 | 935.33 | 0.35 | 12.98 | 28.96 | 935.32 | -4.37 | 4.09 | -2.24 | 4.67 | 331.33 | 0.03 | MWD | None |
| 30 | 964.33 | 0.27 | 17.88 | 29.00 | 964.31 | -4.52 | 4.25 | -2.20 | 4.78 | 332.63 | 0.03 | MWD | None |

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| 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 | Tool Corr (deg) |
|-------|--------------------|------------------|---------------------|-------------------|---------------|----------------------|-----------------|-----------------|-----------------|---------------|---------------|----------------|-----------------|
| 31 | 992.58 | 0.29 | 13.91 | 28.25 | 992.56 | -4.64 | 4.38 | -2.16 | 4.88 | 333.74 | 0.01 | MWD | None |
| 32 | 1021.76 | 0.36 | 9.73 | 29.18 | 1021.74 | -4.80 | 4.54 | -2.13 | 5.01 | 334.90 | 0.03 | MWD | None |
| 33 | 1050.63 | 0.30 | 18.15 | 28.87 | 1050.61 | -4.95 | 4.70 | -2.09 | 5.14 | 336.06 | 0.03 | MWD | None |
| 34 | 1079.82 | 0.33 | 13.33 | 29.19 | 1079.80 | -5.10 | 4.86 | -2.04 | 5.27 | 337.17 | 0.01 | MWD | None |
| 35 | 1108.59 | 0.28 | 27.98 | 28.77 | 1108.57 | -5.23 | 5.00 | -1.99 | 5.38 | 338.27 | 0.03 | MWD | None |
| 36 | 1137.86 | 0.28 | 33.98 | 29.27 | 1137.84 | -5.34 | 5.12 | -1.92 | 5.47 | 339.46 | 0.01 | MWD | None |
| 37 | 1166.83 | 0.29 | 28.94 | 28.97 | 1166.81 | -5.46 | 5.24 | -1.84 | 5.56 | 340.63 | 0.01 | MWD | None |
| 38 | 1195.74 | 0.29 | 56.71 | 28.91 | 1195.72 | -5.54 | 5.35 | -1.75 | 5.63 | 341.91 | 0.05 | MWD | None |
| 39 | 1224.73 | 0.34 | 48.47 | 28.99 | 1224.71 | -5.62 | 5.45 | -1.62 | 5.68 | 343.42 | 0.02 | MWD | None |
| 40 | 1253.76 | 0.28 | 53.99 | 29.03 | 1253.74 | -5.70 | 5.54 | -1.50 | 5.74 | 344.86 | 0.02 | MWD | None |
| 41 | 1282.95 | 0.28 | 76.24 | 29.19 | 1282.93 | -5.74 | 5.60 | -1.37 | 5.77 | 346.23 | 0.04 | MWD | None |
| 42 | 1312.43 | 0.35 | 69.81 | 29.48 | 1312.41 | -5.77 | 5.65 | -1.22 | 5.78 | 347.83 | 0.03 | MWD | None |
| 43 | 1341.45 | 0.49 | 75.67 | 29.02 | 1341.43 | -5.80 | 5.71 | -1.02 | 5.80 | 349.92 | 0.05 | MWD | None |
| 44 | 1370.44 | 0.54 | 77.71 | 28.99 | 1370.42 | -5.82 | 5.77 | -0.76 | 5.82 | 352.48 | 0.02 | MWD | None |
| 45 | 1399.38 | 0.57 | 80.90 | 28.94 | 1399.36 | -5.83 | 5.82 | -0.49 | 5.84 | 355.23 | 0.01 | MWD | None |
| 46 | 1428.34 | 0.57 | 72.23 | 28.96 | 1428.31 | -5.86 | 5.89 | -0.21 | 5.90 | 357.99 | 0.03 | MWD | None |
| 47 | 1457.45 | 0.71 | 75.91 | 29.11 | 1457.42 | -5.90 | 5.98 | 0.11 | 5.98 | 1.02 | 0.05 | MWD | None |
| 48 | 1486.39 | 0.67 | 81.34 | 28.94 | 1486.36 | -5.92 | 6.05 | 0.45 | 6.07 | 4.23 | 0.03 | MWD | None |
| 49 | 1515.33 | 0.64 | 84.68 | 28.94 | 1515.30 | -5.91 | 6.09 | 0.78 | 6.14 | 7.26 | 0.02 | MWD | None |
| 50 | 1544.31 | 0.58 | 114.39 | 28.98 | 1544.28 | -5.83 | 6.04 | 1.07 | 6.14 | 10.04 | 0.11 | MWD | None |
| 51 | 1573.33 | 0.68 | 130.93 | 29.02 | 1573.30 | -5.62 | 5.87 | 1.33 | 6.02 | 12.80 | 0.07 | MWD | None |
| 52 | 1602.43 | 0.81 | 124.83 | 29.10 | 1602.39 | -5.35 | 5.64 | 1.63 | 5.87 | 16.15 | 0.05 | MWD | None |
| 53 | 1630.64 | 0.88 | 126.64 | 28.21 | 1630.60 | -5.06 | 5.40 | 1.97 | 5.74 | 20.06 | 0.03 | MWD | None |
| 54 | 1659.72 | 0.73 | 120.96 | 29.08 | 1659.68 | -4.78 | 5.17 | 2.31 | 5.66 | 24.07 | 0.06 | MWD | None |
| 55 | 1688.54 | 0.77 | 115.92 | 28.82 | 1688.49 | -4.56 | 4.99 | 2.64 | 5.64 | 27.89 | 0.03 | MWD | None |
| 56 | 1716.29 | 1.42 | 170.03 | 27.75 | 1716.24 | -4.11 | 4.57 | 2.87 | 5.39 | 32.12 | 0.42 | MWD | None |
| 57 | 1747.14 | 3.39 | 168.14 | 30.85 | 1747.06 | -2.82 | 3.30 | 3.12 | 4.54 | 43.41 | 0.64 | MWD | None |
| 58 | 1776.39 | 6.07 | 175.23 | 29.25 | 1776.21 | -0.41 | 0.91 | 3.43 | 3.55 | 75.11 | 0.94 | MWD | None |
| 59 | 1803.97 | 9.73 | 177.60 | 27.58 | 1803.52 | 3.37 | -2.87 | 3.65 | 4.64 | 128.22 | 1.33 | MWD | None |
| 60 | 1833.36 | 13.39 | 175.76 | 29.39 | 1832.31 | 9.23 | -8.75 | 4.00 | 9.62 | 155.42 | 1.25 | MWD | None |

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| 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 | Tool Corr (deg) |
|-------|--------------------|------------------|---------------------|-------------------|---------------|----------------------|-----------------|-----------------|-----------------|---------------|---------------|----------------|-----------------|
| 61 | 1863.43 | 16.85 | 168.96 | 30.07 | 1861.34 | 17.06 | -16.50 | 5.09 | 17.27 | 162.84 | 1.29 | MWD | None |
| 62 | 1892.32 | 20.05 | 169.00 | 28.89 | 1888.74 | 26.19 | -25.47 | 6.84 | 26.38 | 164.97 | 1.11 | MWD | None |
| 63 | 1921.31 | 23.60 | 171.03 | 28.99 | 1915.65 | 36.96 | -36.09 | 8.70 | 37.12 | 166.45 | 1.25 | MWD | None |
| 64 | 1950.39 | 26.42 | 171.08 | 29.08 | 1942.00 | 49.26 | -48.23 | 10.61 | 49.38 | 167.60 | 0.97 | MWD | None |
| 65 | 1980.01 | 28.74 | 171.62 | 29.62 | 1968.25 | 62.97 | -61.79 | 12.67 | 63.07 | 168.42 | 0.79 | MWD | None |
| 66 | 2008.88 | 30.11 | 172.21 | 28.87 | 1993.40 | 77.15 | -75.83 | 14.66 | 77.24 | 169.06 | 0.49 | MWD | None |
| 67 | 2037.15 | 31.81 | 172.17 | 28.27 | 2017.64 | 91.69 | -90.24 | 16.64 | 91.76 | 169.55 | 0.60 | MWD | None |
| 68 | 2051.91 | 33.50 | 172.13 | 14.76 | 2030.06 | 99.66 | -98.13 | 17.72 | 99.72 | 169.76 | 1.15 | MWD | None |
| 69 | 2066.15 | 33.78 | 171.23 | 14.24 | 2041.92 | 107.55 | -105.93 | 18.87 | 107.60 | 169.90 | 0.40 | MWD | None |
| 70 | 2095.12 | 33.12 | 171.96 | 28.97 | 2066.09 | 123.51 | -121.73 | 21.20 | 123.56 | 170.12 | 0.27 | MWD | None |
| 71 | 2124.15 | 33.36 | 172.51 | 29.03 | 2090.37 | 139.43 | -137.50 | 23.35 | 139.47 | 170.36 | 0.13 | MWD | None |
| 72 | 2153.24 | 33.01 | 172.88 | 29.09 | 2114.72 | 155.35 | -153.29 | 25.38 | 155.38 | 170.60 | 0.14 | MWD | None |
| 73 | 2181.81 | 32.54 | 173.18 | 28.56 | 2138.73 | 170.80 | -168.64 | 27.25 | 170.82 | 170.82 | 0.17 | MWD | None |
| 74 | 2210.92 | 31.59 | 173.23 | 29.12 | 2163.41 | 186.26 | -183.99 | 29.08 | 186.27 | 171.02 | 0.33 | MWD | None |
| 75 | 2240.12 | 31.28 | 173.54 | 29.20 | 2188.32 | 201.48 | -199.11 | 30.84 | 201.49 | 171.20 | 0.12 | MWD | None |
| 76 | 2268.93 | 31.04 | 173.24 | 28.81 | 2212.98 | 216.38 | -213.92 | 32.55 | 216.38 | 171.35 | 0.10 | MWD | None |
| 77 | 2298.13 | 31.01 | 173.23 | 29.20 | 2238.00 | 231.42 | -228.87 | 34.32 | 231.43 | 171.47 | 0.01 | MWD | None |
| 78 | 2327.14 | 30.80 | 172.89 | 29.01 | 2262.89 | 246.32 | -243.66 | 36.12 | 246.32 | 171.57 | 0.09 | MWD | None |
| 79 | 2356.90 | 30.47 | 172.50 | 29.76 | 2288.50 | 261.48 | -258.70 | 38.05 | 261.48 | 171.63 | 0.13 | MWD | None |
| 80 | 2385.70 | 30.69 | 172.74 | 28.80 | 2313.29 | 276.13 | -273.23 | 39.93 | 276.13 | 171.68 | 0.09 | MWD | None |
| 81 | 2414.71 | 30.89 | 172.94 | 29.01 | 2338.21 | 290.98 | -287.96 | 41.78 | 290.98 | 171.74 | 0.08 | MWD | None |
| 82 | 2443.86 | 30.53 | 172.62 | 29.15 | 2363.27 | 305.86 | -302.73 | 43.66 | 305.86 | 171.79 | 0.14 | MWD | None |
| 83 | 2472.51 | 30.38 | 172.52 | 28.65 | 2387.97 | 320.38 | -317.13 | 45.53 | 320.38 | 171.83 | 0.06 | MWD | None |
| 84 | 2500.10 | 30.49 | 173.16 | 27.59 | 2411.76 | 334.36 | -331.00 | 47.28 | 334.36 | 171.87 | 0.12 | MWD | None |

| | | | | | | | | | | | | | |
|----|---------|-------|--------|-------|---------|--------|---------|-------|--------|--------|------|-----|------|
| 85 | 2513.76 | 30.10 | 173.67 | 13.66 | 2423.55 | 341.24 | -337.84 | 48.07 | 341.25 | 171.90 | 0.34 | MWD | None |
| 86 | 2534.52 | 28.77 | 174.36 | 20.76 | 2441.63 | 351.44 | -347.99 | 49.13 | 351.44 | 171.96 | 0.66 | MWD | None |
| 87 | 2563.83 | 27.68 | 175.01 | 29.31 | 2467.46 | 365.28 | -361.79 | 50.42 | 365.29 | 172.07 | 0.39 | MWD | None |
| 88 | 2591.89 | 27.75 | 175.43 | 28.06 | 2492.30 | 378.31 | -374.80 | 51.50 | 378.32 | 172.18 | 0.07 | MWD | None |
| 89 | 2621.44 | 27.65 | 176.02 | 29.55 | 2518.46 | 392.01 | -388.49 | 52.53 | 392.03 | 172.30 | 0.10 | MWD | None |
| 90 | 2649.26 | 26.55 | 176.15 | 27.82 | 2543.23 | 404.65 | -401.14 | 53.39 | 404.68 | 172.42 | 0.40 | MWD | None |

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| 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 | Tool Corr (deg) |
|-------|--------------------|------------------|---------------------|-------------------|---------------|----------------------|-----------------|-----------------|-----------------|---------------|---------------|------------------|-----------------|
| 91 | 2679.64 | 25.96 | 176.64 | 30.38 | 2570.47 | 418.04 | -414.55 | 54.24 | 418.08 | 172.55 | 0.21 | MWD | None |
| 92 | 2709.01 | 25.79 | 176.94 | 29.37 | 2596.90 | 430.81 | -427.35 | 54.96 | 430.87 | 172.67 | 0.07 | MWD | None |
| 93 | 2738.14 | 25.73 | 177.20 | 29.13 | 2623.13 | 443.41 | -439.99 | 55.60 | 443.49 | 172.80 | 0.04 | MWD | None |
| 94 | 2766.75 | 25.60 | 177.87 | 28.61 | 2648.92 | 455.74 | -452.37 | 56.14 | 455.84 | 172.93 | 0.11 | MWD | None |
| 95 | 2795.87 | 25.09 | 178.27 | 29.12 | 2675.24 | 468.13 | -464.83 | 56.56 | 468.26 | 173.06 | 0.18 | MWD | None |
| 96 | 2824.87 | 24.62 | 179.06 | 29.00 | 2701.55 | 480.23 | -477.01 | 56.84 | 480.39 | 173.20 | 0.20 | MWD | None |
| 97 | 2844.77 | 24.22 | 179.64 | 19.90 | 2719.67 | 488.38 | -485.24 | 56.94 | 488.57 | 173.31 | 0.23 | MWD | None |
| 98 | 2853.96 | 24.18 | 180.01 | 9.19 | 2728.05 | 492.11 | -489.01 | 56.95 | 492.31 | 173.36 | 0.17 | MWD | None |
| 99 | 2882.63 | 27.57 | 178.74 | 28.67 | 2753.85 | 504.51 | -501.52 | 57.09 | 504.76 | 173.51 | 1.20 | MWD | None |
| 100 | 2911.83 | 32.47 | 177.23 | 29.20 | 2779.12 | 519.03 | -516.11 | 57.62 | 519.32 | 173.63 | 1.70 | MWD | None |
| 101 | 2940.58 | 35.22 | 173.63 | 28.75 | 2803.00 | 535.00 | -532.06 | 58.91 | 535.31 | 173.68 | 1.18 | MWD | None |
| 102 | 2969.76 | 36.72 | 171.96 | 29.18 | 2826.62 | 552.14 | -549.06 | 61.07 | 552.45 | 173.65 | 0.61 | MWD | None |
| 103 | 2998.29 | 36.71 | 172.92 | 28.53 | 2849.49 | 569.19 | -565.97 | 63.31 | 569.50 | 173.62 | 0.20 | MWD | None |
| 104 | 3027.63 | 37.32 | 171.60 | 29.34 | 2872.91 | 586.85 | -583.47 | 65.69 | 587.16 | 173.58 | 0.34 | MWD | None |
| 105 | 3056.67 | 37.50 | 171.93 | 29.04 | 2895.98 | 604.50 | -600.93 | 68.22 | 604.79 | 173.52 | 0.09 | MWD | None |
| 106 | 3086.05 | 37.34 | 171.98 | 29.38 | 2919.31 | 622.35 | -618.61 | 70.72 | 622.64 | 173.48 | 0.06 | MWD | None |
| 107 | 3115.20 | 36.75 | 171.59 | 29.15 | 2942.58 | 639.91 | -635.99 | 73.22 | 640.19 | 173.43 | 0.22 | MWD | None |
| 108 | 3143.56 | 36.84 | 172.02 | 28.36 | 2965.29 | 656.90 | -652.80 | 75.65 | 657.17 | 173.39 | 0.10 | MWD | None |
| 109 | 3173.28 | 36.36 | 171.83 | 29.72 | 2989.15 | 674.62 | -670.35 | 78.13 | 674.89 | 173.35 | 0.17 | MWD | None |
| 110 | 3202.29 | 35.86 | 171.78 | 29.01 | 3012.59 | 691.71 | -687.27 | 80.57 | 691.98 | 173.31 | 0.17 | MWD | None |
| 111 | 3231.67 | 35.66 | 172.64 | 29.38 | 3036.43 | 708.88 | -704.28 | 82.90 | 709.14 | 173.29 | 0.18 | MWD | None |
| 112 | 3259.72 | 35.26 | 172.40 | 28.05 | 3059.28 | 725.15 | -720.41 | 85.02 | 725.41 | 173.27 | 0.15 | MWD | None |
| 113 | 3289.09 | 34.82 | 172.26 | 29.37 | 3083.32 | 742.01 | -737.13 | 87.27 | 742.27 | 173.25 | 0.15 | MWD | None |
| 114 | 3318.30 | 34.25 | 172.36 | 29.21 | 3107.39 | 758.57 | -753.54 | 89.48 | 758.83 | 173.23 | 0.20 | MWD | None |
| 115 | 3343.24 | 33.90 | 172.67 | 24.94 | 3128.04 | 772.54 | -767.39 | 91.30 | 772.80 | 173.21 | 0.16 | MWD | None |
| 116 | 3369.00 | 33.54 | 172.99 | 25.76 | 3149.47 | 786.84 | -781.58 | 93.09 | 787.10 | 173.21 | 0.16 | Projection To TD | |

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Company: **ESSO Australia Pty. Ltd.**

Schlumberger

Well: **West Moonfish-1**

Field: **Moonfish**

Rig: **ENSCO 102**

8.5 in. Section

State: **Victoria**

**GeoVISION Resistivity Quadrant
1:500 True Vertical Depth
Recorded Mode Log**

