

| | | | | | | | | | | |
|---------------------------|--------------|---------------|------------|----------------|----------|-------------|------------|--|--|--|
| Mud weight | ppg | 10.6 | | | | | | | | |
| Solids | % | 18.80 | | | | | | | | |
| Chlorides | mg/L | 47,420.0 | | | | | | | | |
| Rm | Ohm.m@°C | n.a | | | | | | | | |
| Rmf | Ohm.m@°C | n.a | | | | | | | | |
| Rmc | Ohm.m@°C | n.a | | | | | | | | |
| Potassium | % | n.a | | | | | | | | |
| Environmental data | | | | | | | | | | |
| GR | | | | | | | | | | |
| Mud weight | ppg | 10.6 | | | | | | | | |
| Bit size | in | 8.50 | | | | | | | | |
| Resistivity | | | | | | | | | | |
| Neutron porosity | | | | | | | | | | |
| Hole Size | in. | 8.50 | | | | | | | | |
| Mud weight | ppg | 10.6 | | | | | | | | |
| Temperature | °C | 20 | | | | | | | | |
| Mud salinity | ppk | 70.878 | | | | | | | | |
| Formation salinity | | n.a | | | | | | | | |
| Recording rate 1 | SEC | 6 (arcVISION) | | | | | | | | |
| Recording rate 2 | SEC | 2 (EcoScope) | | | | | | | | |
| Filtering GR | | 3 pts. | | | | | | | | |
| Filtering density | | 3 pts. | | | | | | | | |
| Filtering Neutron | | 3 pts. | | | | | | | | |
| Company representative | R. Spence | A. Zernov | D. Daniels | | | | | | | |
| Anadrill personnel | M. Amarasena | B. Low | D. Perkins | P. Sellathurai | C. Soper | D. B. Khanh | D. O'Brien | | | |

DISCLAIMER

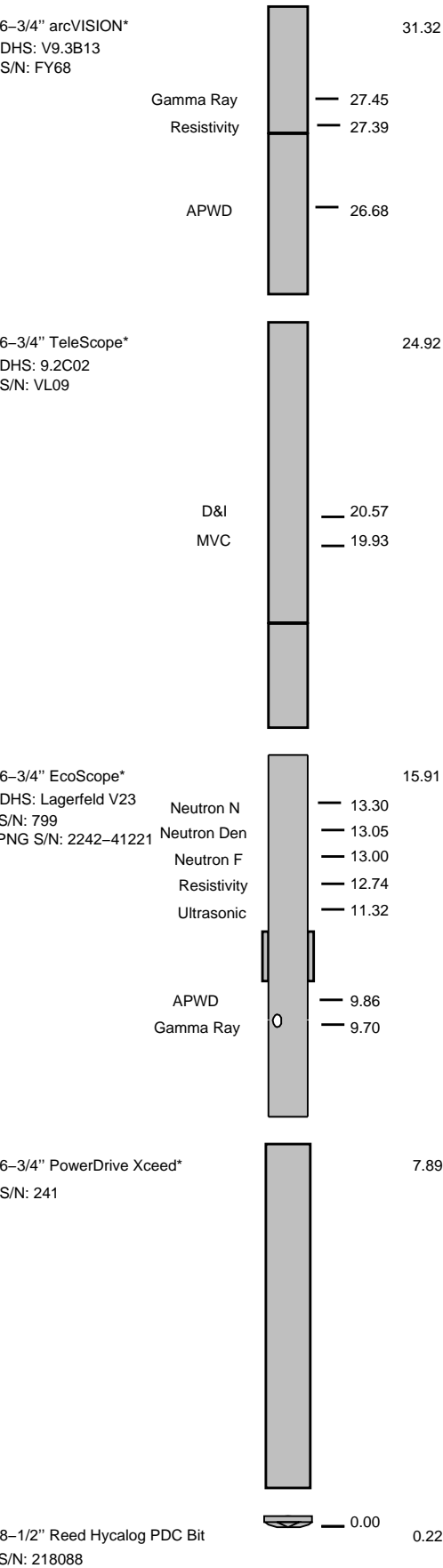
THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (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 RUN3 Directional Drilling Direction Surveys Annular Pressure & Temperature Shock & Vibrations | OTHER SERVICES FOR RUN | OTHER SERVICES FOR RUN |
| REMARKS: RUN NUMBER 3 Depth is referenced to Driller's depth Gamma ray is corrected for mud weight, tool size and bit size Resistivity is borehole compensated and environmentally corrected Neutron porosity is corrected for the effects of borehole size (i.e. bit size), temperature, mud salinity and mud hydrogen index (a factor of mud weight, mud temperature and pressure) Neutron porosity is calculated by using a limestone matrix density of 2.71 g/cm3 The SNA-A11A original hole was drilled to 4592m and as the BHA could not be fished out, the hole was plugged back and SNA-A11A-st was drilled. The EcoScope has a 7-7/8" Stabilizer The EcoScope sourceless density was pulsed in real-time The arcVISION Gamma ray reads higher as the arcVISION was above the EcoScope PNG which activated the formation prior to the arcVISION tool logging the same section. | REMARKS: RUN NUMBER | REMARKS: RUN NUMBER |

EQUIPMENT DESCRIPTION

| | | |
|-------|-----|-----|
| RUN 3 | RUN | RUN |
| | | |

DOWNHOLE EQUIPMENT

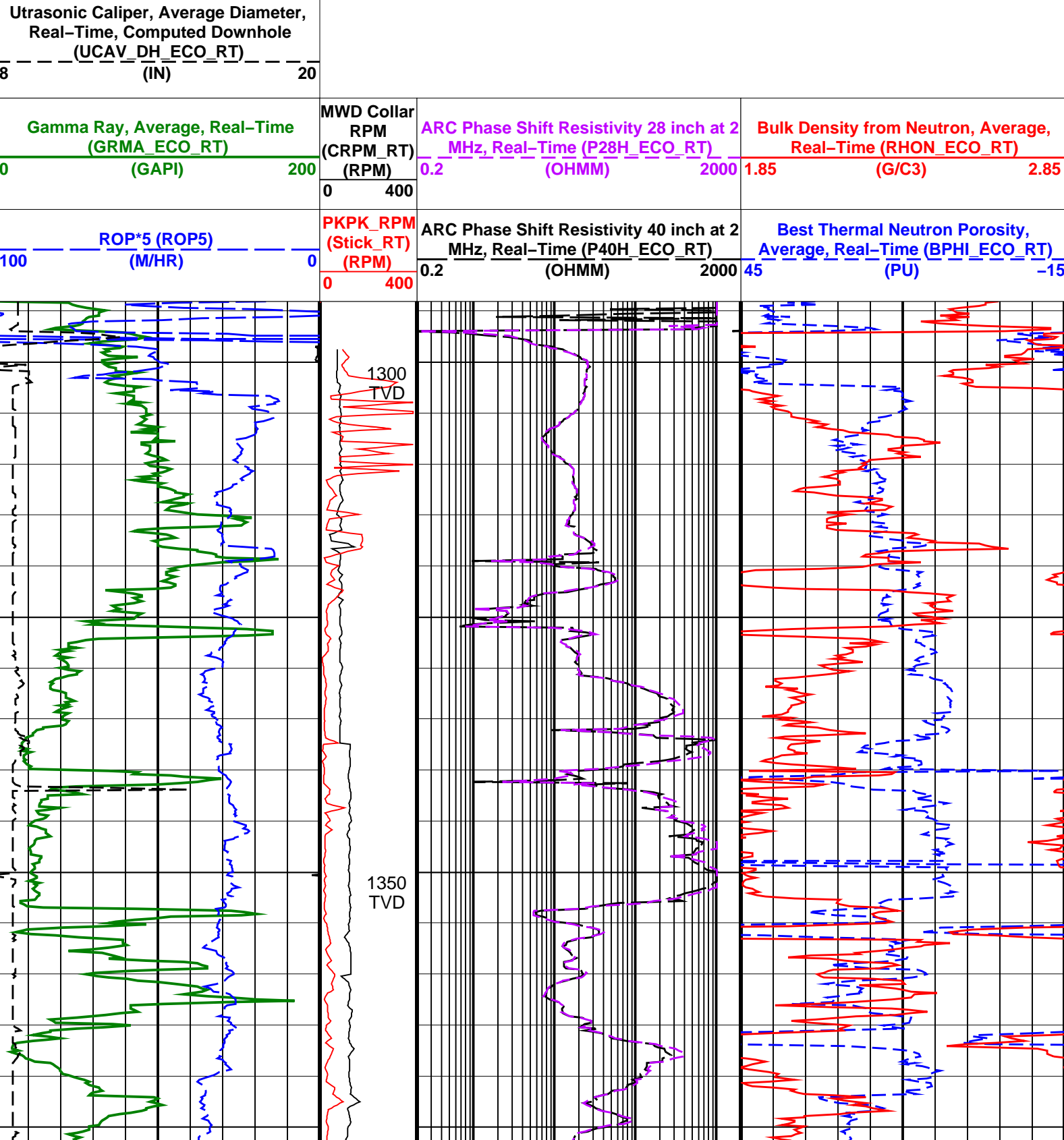


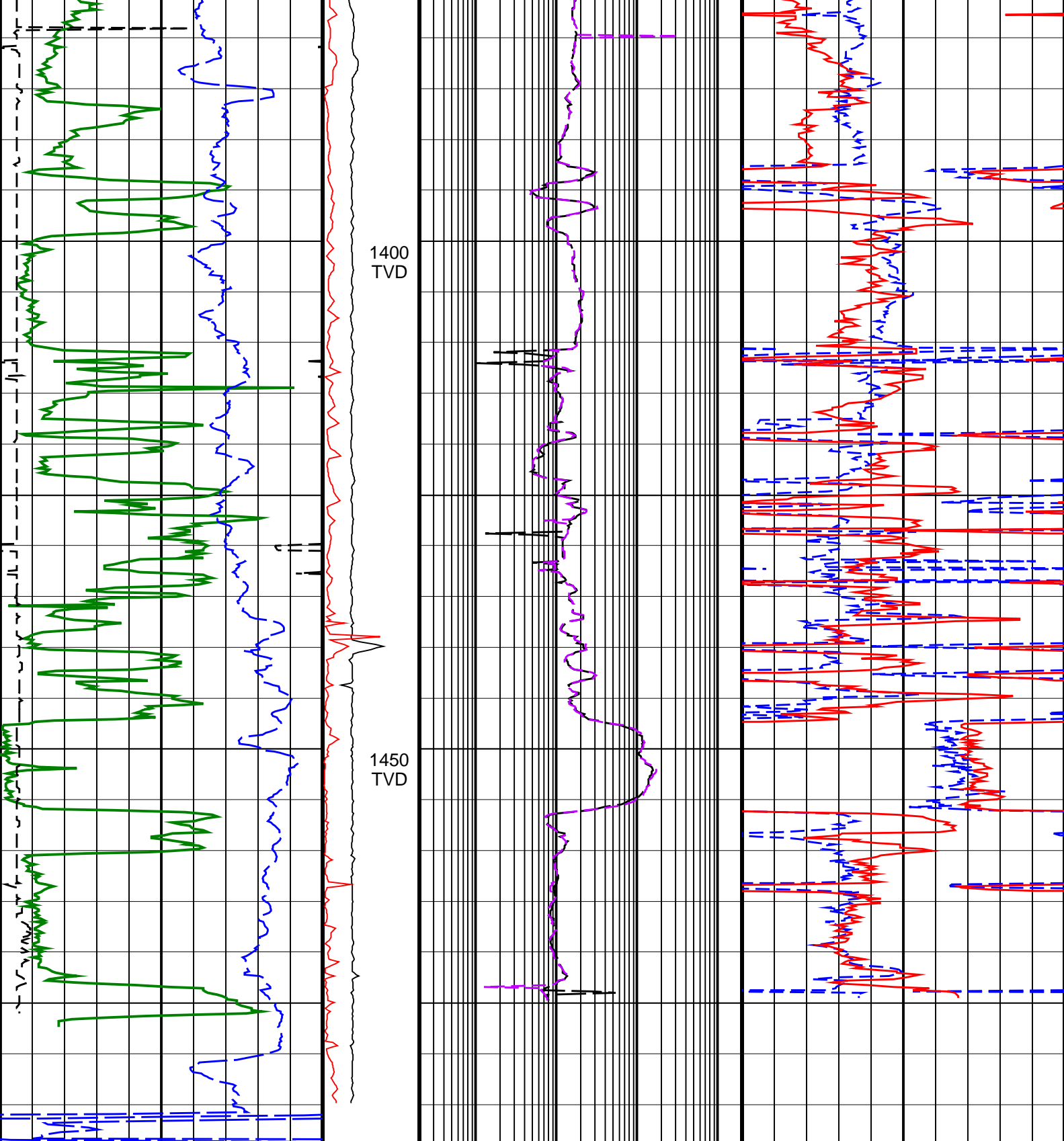
Maximum string diameter 8.50 in.
All lengths in Meters

True Vertical Depth Log

IDEAL Version: ID14_0C_02
IDF

Format: ECOSCOPE Service RT Log Vertical Scale: 1:500 Graphics File Created: 17-Apr-2009 17:23





| | | | |
|---|---|--|--|
| ROP*5 (ROP5) (M/HR) | PKPK_RPM (Stick_RT) (RPM) | ARC Phase Shift Resistivity 40 inch at 2 MHz, Real-Time (P40H_ECO_RT) | Best Thermal Neutron Porosity, Average, Real-Time (BPHI_ECO_RT) |
| 100 0 | 0 400 | 0.2 (OHMM) 2000 | 45 (PU) -15 |
| Gamma Ray, Average, Real-Time (GRMA_ECO_RT) | MWD Collar RPM (CRPM_RT) (RPM) | ARC Phase Shift Resistivity 28 inch at 2 MHz, Real-Time (P28H_ECO_RT) | Bulk Density from Neutron, Average, Real-Time (RHON_ECO_RT) |
| 0 (GAPI) 200 | 0 400 | 0.2 (OHMM) 2000 | 1.85 (G/C3) 2.85 |
| Ultrasonic Caliper, Average Diameter, Real-Time, Computed Downhole (UCAV_DH_ECO_RT) | | | |
| 8 (IN) 20 | | | |

IDEAL Version: ID14_0C_02
IDF

True Vertical Depth Log

SCHLUMBERGER

Survey report

18-Apr-2009 11:40:26

Page 1 of 11

Client.....: Esso Australia
Field.....: Snapper

Well.....: CBA-A14b
API number.....: 08ASQ0028
Engineer.....: M. Amarasena/D. O'Brien

Spud date.....: 09-Sep-08
Last survey date.....: 08-Oct-09
Total accepted surveys....: 298
MD of first survey.....: 0.00 m
MD of last survey.....: 4593.00 m

RIG LABEL:.....: ISDL 175
STATE:.....: Victoria

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

----- Depth reference -----
Permanent datum.....: Mean Sea Level
Depth reference.....: Driller's Depth
GL above permanent.....: -55.00 m
KB above permanent.....: Top Drive
DF above permanent.....: 41.70 m

----- Vertical section origin-----
Latitude (+N/S-).....: -1.85 m
Departure (+E/W-).....: 2.38 m

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

Azimuth from Vsect Origin to target: 225.66 degrees

----- Geomagnetic data -----
Magnetic model.....: BGGM version 2008
Magnetic date.....: 21-Oct-2008
Magnetic field strength...: 1198.04 HCNT
Magnetic dec (+E/W-).....: 13.00 degrees
Magnetic dip.....: -68.69 degrees

----- MWD survey Reference Criteria -----
Reference G.....: 1000.02 mGal
Reference H.....: 1198.04 HCNT
Reference Dip.....: -68.86 degrees
Tolerance of G.....: (+/-) 2.50 mGal
Tolerance of H.....: (+/-) 6.00 HCNT
Tolerance of Dip.....: (+/-) 0.45 degrees

----- Corrections -----
Magnetic dec (+E/W-).....: 13.22 degrees
Grid convergence (+E/W-)..: -0.81 degrees
Total az corr (+E/W-).....: 14.03 degrees
(Total az corr = magnetic dec - grid conv)
Survey Correction Type ...:
I=Sag Corrected Inclination
M=Schlumberger Magnetic Correction
S=SORS1 Magnetic Correction
F=Failed Axis Correction
R=Magnetic Resonance Tool Correction
D=Dmag Magnetic Correction

| 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/100f) | Srvy tool type | Tool Corr (deg) |
|-------|--------------------|------------------|---------------------|-------------------|---------------|----------------------|-----------------|-----------------|-----------------|---------------|----------------|----------------|-----------------|
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.85 | 2.38 | 3.01 | 127.86 | 0.00 | TIP | None |
| 2 | 9.08 | 0.00 | 0.00 | 9.08 | 9.08 | 0.00 | -1.85 | 2.38 | 3.01 | 127.86 | 0.00 | MWD_M | None |
| 3 | 64.08 | 0.64 | 256.16 | 55.00 | 64.08 | 0.26 | -1.92 | 2.08 | 2.83 | 132.74 | 0.35 | MWD_M | None |
| 4 | 69.08 | 0.63 | 260.84 | 5.00 | 69.08 | 0.31 | -1.93 | 2.03 | 2.80 | 133.66 | 0.32 | MWD_M | None |
| 5 | 74.08 | 0.65 | 250.94 | 5.00 | 74.08 | 0.36 | -1.95 | 1.97 | 2.77 | 134.63 | 0.68 | MWD_M | None |
| 6 | 79.08 | 0.64 | 252.60 | 5.00 | 79.08 | 0.41 | -1.97 | 1.92 | 2.75 | 135.67 | 0.13 | MWD_M | None |
| 7 | 84.08 | 0.66 | 258.82 | 5.00 | 84.08 | 0.46 | -1.98 | 1.87 | 2.72 | 136.71 | 0.45 | MWD_M | None |
| 8 | 89.08 | 0.67 | 251.56 | 5.00 | 89.08 | 0.51 | -1.99 | 1.81 | 2.69 | 137.79 | 0.52 | MWD_M | None |
| 9 | 94.08 | 0.60 | 249.24 | 5.00 | 94.08 | 0.56 | -2.01 | 1.76 | 2.67 | 138.89 | 0.45 | MWD_M | None |
| 10 | 99.08 | 0.58 | 241.17 | 5.00 | 99.08 | 0.61 | -2.03 | 1.71 | 2.66 | 139.95 | 0.52 | MWD_M | None |
| 11 | 104.08 | 0.62 | 228.30 | 5.00 | 104.08 | 0.66 | -2.06 | 1.67 | 2.65 | 141.07 | 0.85 | MWD_M | None |
| 12 | 109.08 | 0.70 | 211.44 | 5.00 | 109.08 | 0.72 | -2.11 | 1.63 | 2.67 | 142.27 | 1.27 | MWD_M | None |
| 13 | 114.08 | 0.89 | 192.04 | 5.00 | 114.08 | 0.78 | -2.17 | 1.61 | 2.70 | 143.50 | 1.99 | MWD_M | None |
| 14 | 119.08 | 1.08 | 185.88 | 5.00 | 119.07 | 0.85 | -2.26 | 1.59 | 2.76 | 144.76 | 1.32 | MWD_M | None |
| 15 | 124.08 | 1.46 | 178.13 | 5.00 | 124.07 | 0.93 | -2.37 | 1.59 | 2.85 | 146.09 | 2.54 | MWD_M | None |
| 16 | 129.08 | 1.89 | 174.10 | 5.00 | 129.07 | 1.02 | -2.51 | 1.60 | 2.98 | 147.48 | 2.72 | MWD_M | None |
| 17 | 134.08 | 2.10 | 170.15 | 5.00 | 134.07 | 1.12 | -2.69 | 1.63 | 3.14 | 148.80 | 1.53 | MWD_M | None |
| 18 | 139.08 | 2.49 | 169.82 | 5.00 | 139.06 | 1.24 | -2.88 | 1.66 | 3.33 | 150.04 | 2.38 | MWD_M | None |
| 19 | 144.08 | 2.77 | 169.43 | 5.00 | 144.06 | 1.36 | -3.11 | 1.70 | 3.54 | 151.29 | 1.71 | MWD_M | None |
| 20 | 149.08 | 3.04 | 169.81 | 5.00 | 149.05 | 1.51 | -3.36 | 1.75 | 3.79 | 152.49 | 1.65 | MWD_M | None |
| 21 | 154.08 | 3.26 | 170.56 | 5.00 | 154.05 | 1.66 | -3.63 | 1.80 | 4.05 | 153.68 | 1.36 | MWD_M | None |
| 22 | 159.08 | 3.50 | 173.03 | 5.00 | 159.04 | 1.84 | -3.92 | 1.84 | 4.33 | 154.89 | 1.71 | MWD_M | None |
| 23 | 164.08 | 3.80 | 175.77 | 5.00 | 164.03 | 2.03 | -4.24 | 1.87 | 4.63 | 156.21 | 2.11 | MWD_M | None |
| 24 | 169.08 | 3.96 | 177.49 | 5.00 | 169.01 | 2.26 | -4.58 | 1.89 | 4.95 | 157.58 | 1.21 | MWD_M | None |
| 25 | 174.08 | 4.35 | 183.02 | 5.00 | 174.00 | 2.51 | -4.94 | 1.89 | 5.28 | 159.10 | 3.41 | MWD_M | None |
| 26 | 179.08 | 4.62 | 185.30 | 5.00 | 178.99 | 2.80 | -5.33 | 1.86 | 5.64 | 160.78 | 1.97 | MWD_M | None |
| 27 | 184.08 | 4.97 | 188.80 | 5.00 | 183.97 | 3.13 | -5.74 | 1.81 | 6.02 | 162.55 | 2.78 | MWD_M | None |

| | | | | | | | | | | | | | |
|-----|--------|-------|--------|------|--------|--------|---------|--------|--------|--------|------|-------|------|
| 27 | 189.08 | 5.34 | 192.30 | 5.00 | 188.95 | 3.50 | -6.18 | 1.72 | 6.42 | 164.43 | 2.96 | MWD_M | None |
| 28 | 189.08 | 5.34 | 192.30 | 5.00 | 188.95 | 3.50 | -6.18 | 1.72 | 6.42 | 164.43 | 2.96 | MWD_M | None |
| 29 | 194.08 | 5.61 | 194.26 | 5.00 | 193.93 | 3.90 | -6.65 | 1.61 | 6.84 | 166.36 | 2.00 | MWD_M | None |
| 30 | 199.08 | 5.84 | 193.73 | 5.00 | 198.90 | 4.33 | -7.13 | 1.49 | 7.29 | 168.18 | 1.44 | MWD_M | None |
| 31 | 204.08 | 6.01 | 195.66 | 5.00 | 203.87 | 4.77 | -7.63 | 1.36 | 7.75 | 169.89 | 1.60 | MWD_M | None |
| 32 | 209.08 | 6.40 | 199.47 | 5.00 | 208.84 | 5.25 | -8.14 | 1.20 | 8.23 | 171.64 | 3.46 | MWD_M | None |
| 33 | 214.08 | 6.67 | 202.29 | 5.00 | 213.81 | 5.76 | -8.68 | 0.99 | 8.73 | 173.46 | 2.56 | MWD_M | None |
| 34 | 219.08 | 6.96 | 204.15 | 5.00 | 218.78 | 6.31 | -9.22 | 0.76 | 9.25 | 175.29 | 2.22 | MWD_M | None |
| 35 | 224.08 | 7.40 | 207.94 | 5.00 | 223.74 | 6.90 | -9.78 | 0.49 | 9.79 | 177.16 | 3.94 | MWD_M | None |
| 36 | 229.08 | 7.84 | 209.45 | 5.00 | 228.69 | 7.53 | -10.36 | 0.17 | 10.37 | 179.08 | 2.95 | MWD_M | None |
| 37 | 234.08 | 8.37 | 211.17 | 5.00 | 233.64 | 8.21 | -10.97 | -0.19 | 10.97 | 180.99 | 3.55 | MWD_M | None |
| 38 | 239.08 | 8.88 | 212.23 | 5.00 | 238.59 | 8.94 | -11.61 | -0.58 | 11.62 | 182.88 | 3.26 | MWD_M | None |
| 39 | 244.08 | 9.43 | 212.07 | 5.00 | 243.52 | 9.71 | -12.28 | -1.01 | 12.32 | 184.68 | 3.36 | MWD_M | None |
| 40 | 249.08 | 10.25 | 212.50 | 5.00 | 248.45 | 10.55 | -13.01 | -1.46 | 13.09 | 186.42 | 5.02 | MWD_M | None |
| 41 | 254.08 | 10.81 | 212.64 | 5.00 | 253.37 | 11.44 | -13.78 | -1.95 | 13.91 | 188.08 | 3.42 | MWD_M | None |
| 42 | 259.08 | 11.55 | 212.86 | 5.00 | 258.27 | 12.38 | -14.59 | -2.48 | 14.80 | 189.64 | 4.52 | MWD_M | None |
| 43 | 264.08 | 12.12 | 212.88 | 5.00 | 263.16 | 13.38 | -15.45 | -3.04 | 15.75 | 191.12 | 3.47 | MWD_M | None |
| 44 | 269.08 | 12.69 | 212.49 | 5.00 | 268.05 | 14.43 | -16.36 | -3.62 | 16.75 | 192.47 | 3.51 | MWD_M | None |
| 45 | 274.08 | 13.36 | 212.57 | 5.00 | 272.92 | 15.52 | -17.31 | -4.22 | 17.81 | 193.71 | 4.09 | MWD_M | None |
| 46 | 279.08 | 14.13 | 212.66 | 5.00 | 277.78 | 16.68 | -18.31 | -4.86 | 18.94 | 194.87 | 4.70 | MWD_M | None |
| 47 | 284.08 | 14.63 | 212.45 | 5.00 | 282.62 | 17.89 | -19.35 | -5.53 | 20.13 | 195.95 | 3.06 | MWD_M | None |
| 48 | 289.08 | 15.27 | 212.31 | 5.00 | 287.45 | 19.15 | -20.44 | -6.22 | 21.37 | 196.93 | 3.91 | MWD_M | None |
| 49 | 294.08 | 16.00 | 211.97 | 5.00 | 292.26 | 20.46 | -21.58 | -6.94 | 22.67 | 197.82 | 4.48 | MWD_M | None |
| 50 | 299.08 | 16.98 | 211.90 | 5.00 | 297.06 | 21.84 | -22.79 | -7.69 | 24.05 | 198.64 | 5.98 | MWD_M | None |
| 51 | 304.08 | 17.56 | 211.94 | 5.00 | 301.83 | 23.28 | -24.05 | -8.47 | 25.50 | 199.41 | 3.54 | MWD_M | None |
| 52 | 309.08 | 18.41 | 211.96 | 5.00 | 306.59 | 24.78 | -25.36 | -9.29 | 27.01 | 200.12 | 5.18 | MWD_M | None |
| 53 | 314.08 | 19.09 | 211.99 | 5.00 | 311.32 | 26.34 | -26.72 | -10.14 | 28.58 | 200.78 | 4.15 | MWD_M | None |
| 54 | 319.08 | 19.84 | 211.85 | 5.00 | 316.04 | 27.96 | -28.14 | -11.02 | 30.22 | 201.39 | 4.58 | MWD_M | None |
| 55 | 324.08 | 20.38 | 211.77 | 5.00 | 320.73 | 29.63 | -29.60 | -11.93 | 31.91 | 201.95 | 3.30 | MWD_M | None |
| 56 | 329.08 | 21.36 | 211.76 | 5.00 | 325.41 | 31.36 | -31.11 | -12.87 | 33.67 | 202.47 | 5.97 | MWD_M | None |
| 57 | 334.08 | 22.08 | 211.69 | 5.00 | 330.05 | 33.15 | -32.69 | -13.84 | 35.49 | 202.95 | 4.39 | MWD_M | None |
| 58 | 339.08 | 22.85 | 211.55 | 5.00 | 334.67 | 35.00 | -34.31 | -14.84 | 37.38 | 203.39 | 4.71 | MWD_M | None |
| 59 | 344.08 | 23.62 | 211.57 | 5.00 | 339.27 | 36.92 | -35.99 | -15.87 | 39.34 | 203.80 | 4.69 | MWD_M | None |
| 60 | 349.08 | 24.89 | 211.82 | 5.00 | 343.82 | 38.91 | -37.74 | -16.95 | 41.37 | 204.19 | 7.77 | MWD_M | None |
| 61 | 354.08 | 25.22 | 211.39 | 5.00 | 348.35 | 40.97 | -39.54 | -18.06 | 43.47 | 204.55 | 2.30 | MWD_M | None |
| 62 | 359.08 | 26.19 | 211.56 | 5.00 | 352.86 | 43.07 | -41.39 | -19.19 | 45.63 | 204.88 | 5.93 | MWD_M | None |
| 63 | 364.08 | 26.52 | 211.53 | 5.00 | 357.34 | 45.22 | -43.29 | -20.36 | 47.83 | 205.19 | 2.01 | MWD_M | None |
| 64 | 369.08 | 26.97 | 211.34 | 5.00 | 361.80 | 47.40 | -45.21 | -21.53 | 50.07 | 205.47 | 2.79 | MWD_M | None |
| 65 | 374.08 | 27.48 | 211.43 | 5.00 | 366.25 | 49.62 | -47.16 | -22.72 | 52.35 | 205.72 | 3.12 | MWD_M | None |
| 66 | 379.08 | 28.09 | 211.41 | 5.00 | 370.67 | 51.88 | -49.15 | -23.94 | 54.67 | 205.97 | 3.72 | MWD_M | None |
| 67 | 384.08 | 28.40 | 211.27 | 5.00 | 375.08 | 54.17 | -51.17 | -25.17 | 57.02 | 206.19 | 1.93 | MWD_M | None |
| 68 | 389.08 | 28.95 | 211.53 | 5.00 | 379.46 | 56.50 | -53.22 | -26.42 | 59.41 | 206.40 | 3.44 | MWD_M | None |
| 69 | 394.08 | 29.37 | 211.43 | 5.00 | 383.83 | 58.86 | -55.29 | -27.69 | 61.84 | 206.60 | 2.58 | MWD_M | None |
| 70 | 399.08 | 29.94 | 211.44 | 5.00 | 388.18 | 61.26 | -57.40 | -28.98 | 64.30 | 206.79 | 3.47 | MWD_M | None |
| 71 | 404.08 | 30.23 | 211.47 | 5.00 | 392.50 | 63.69 | -59.54 | -30.29 | 66.80 | 206.96 | 1.77 | MWD_M | None |
| 72 | 409.08 | 30.54 | 211.55 | 5.00 | 396.82 | 66.14 | -61.70 | -31.61 | 69.32 | 207.13 | 1.91 | MWD_M | None |
| 73 | 414.08 | 30.93 | 211.56 | 5.00 | 401.11 | 68.62 | -63.88 | -32.95 | 71.87 | 207.28 | 2.38 | MWD_M | None |
| 74 | 419.08 | 31.27 | 211.61 | 5.00 | 405.39 | 71.12 | -66.08 | -34.30 | 74.45 | 207.43 | 2.08 | MWD_M | None |
| 75 | 424.08 | 31.61 | 211.56 | 5.00 | 409.66 | 73.65 | -68.30 | -35.66 | 77.05 | 207.57 | 2.08 | MWD_M | None |
| 76 | 429.08 | 31.97 | 211.57 | 5.00 | 413.91 | 76.21 | -70.54 | -37.04 | 79.68 | 207.71 | 2.19 | MWD_M | None |
| 77 | 434.08 | 32.35 | 211.61 | 5.00 | 418.14 | 78.79 | -72.81 | -38.44 | 82.33 | 207.83 | 2.32 | MWD_M | None |
| 78 | 439.08 | 32.76 | 211.64 | 5.00 | 422.36 | 81.40 | -75.10 | -39.85 | 85.02 | 207.95 | 2.50 | MWD_M | None |
| 79 | 444.08 | 33.16 | 211.66 | 5.00 | 426.55 | 84.04 | -77.42 | -41.28 | 87.73 | 208.07 | 2.44 | MWD_M | None |
| 80 | 449.08 | 33.49 | 211.84 | 5.00 | 430.73 | 86.70 | -79.75 | -42.72 | 90.47 | 208.18 | 2.10 | MWD_M | None |
| 81 | 454.08 | 33.93 | 211.75 | 5.00 | 434.89 | 89.40 | -82.11 | -44.18 | 93.24 | 208.28 | 2.70 | MWD_M | None |
| 82 | 459.08 | 34.32 | 211.71 | 5.00 | 439.03 | 92.12 | -84.50 | -45.66 | 96.04 | 208.39 | 2.38 | MWD_M | None |
| 83 | 464.08 | 34.71 | 211.67 | 5.00 | 443.15 | 94.87 | -86.91 | -47.15 | 98.87 | 208.48 | 2.38 | MWD_M | None |
| 84 | 469.08 | 35.15 | 211.63 | 5.00 | 447.25 | 97.65 | -89.34 | -48.65 | 101.73 | 208.57 | 2.69 | MWD_M | None |
| 85 | 474.08 | 35.60 | 211.64 | 5.00 | 451.33 | 100.45 | -91.81 | -50.17 | 104.62 | 208.65 | 2.74 | MWD_M | None |
| 86 | 479.08 | 36.06 | 211.71 | 5.00 | 455.38 | 103.29 | -94.30 | -51.70 | 107.54 | 208.74 | 2.82 | MWD_M | None |
| 87 | 484.08 | 36.50 | 211.72 | 5.00 | 459.41 | 106.17 | -96.82 | -53.26 | 110.50 | 208.82 | 2.68 | MWD_M | None |
| 88 | 489.08 | 36.99 | 211.72 | 5.00 | 463.42 | 109.07 | -99.36 | -54.83 | 113.49 | 208.89 | 2.99 | MWD_M | None |
| 89 | 494.08 | 37.46 | 211.80 | 5.00 | 467.40 | 112.01 | -101.93 | -56.42 | 116.51 | 208.97 | 2.88 | MWD_M | None |
| 90 | 499.08 | 37.90 | 211.80 | 5.00 | 471.35 | 114.97 | -104.53 | -58.03 | 119.56 | 209.04 | 2.68 | MWD_M | None |
| 91 | 504.08 | 38.35 | 211.81 | 5.00 | 475.29 | 117.97 | -107.15 | -59.66 | 122.64 | 209.11 | 2.74 | MWD_M | None |
| 92 | 509.08 | 38.99 | 211.91 | 5.00 | 479.19 | 121.00 | -109.81 | -61.31 | 125.76 | 209.18 | 3.92 | MWD_M | None |
| 93 | 514.08 | 39.45 | 211.97 | 5.00 | 483.07 | 124.08 | -112.49 | -62.98 | 128.92 | 209.24 | 2.81 | MWD_M | None |
| 94 | 519.08 | 39.98 | 211.97 | 5.00 | 486.91 | 127.18 | -115.20 | -64.67 | 132.11 | 209.31 | 3.23 | MWD_M | None |
| 95 | 524.08 | 40.39 | 212.08 | 5.00 | 490.73 | 130.31 | -117.93 | -66.39 | 135.34 | 209.38 | 2.54 | MWD_M | None |
| 96 | 529.08 | 40.95 | 212.15 | 5.00 | 494.52 | 133.48 | -120.69 | -68.12 | 138.59 | 209.44 | 3.43 | MWD_M | None |
| 97 | 534.08 | 41.48 | 212.20 | 5.00 | 498.28 | 136.69 | -123.48 | -69.87 | 141.88 | 209.50 | 3.24 | MWD_M | None |
| 98 | 539.08 | 41.93 | 212.23 | 5.00 | 502.02 | 139.92 | -126.30 | -71.65 | 145.20 | 209.57 | 2.75 | MWD_M | None |
| 99 | 544.08 | 42.36 | 212.26 | 5.00 | 505.73 | 143.19 | -129.14 | -73.44 | 148.56 | 209.63 | 2.62 | MWD_M | None |
| 100 | 549.08 | 42.84 | 212.31 | 5.00 | 509.41 | 146.48 | -132.00 | -75.24 | 151.94 | 209.68 | 2.93 | MWD_M | None |
| 101 | 554.08 | 43.36 | 212.39 | 5.00 | 513.06 | 149.80 | -134.88 | -77.07 | 155.35 | 209.74 | 3.19 | MWD_M | None |
| 102 | 559.08 | 43.91 | 212.47 | 5.00 | 516.67 | 153.16 | -137.79 | -78.92 | 158.80 | 209.80 | 3.37 | MWD_M | None |
| 103 | 564.08 | 44.39 | 212.54 | 5.00 | 520.26 | 156.55 | -140.73 | -80.79 | 162.27 | 209.86 | 2.94 | MWD_M | None |
| 104 | 569.08 | 44.88 | 212.59 | 5.00 | 523.82 | 159.97 | -143.69 | -82.68 | 165.78 | 209.92 | 2.99 | MWD_M | None |
| 105 | 574.08 | 45.35 | 212.68 | 5.00 | 527.35 | 163.43 | -146.68 | -84.59 | 169.32 | 209.97 | 2.89 | MWD_M | None |
| 106 | 579.08 | 45.99 | 212.81 | 5.00 | 530.84 | 166.91 | -149.68 | -86.53 | 172.89 | 210.03 | 3.94 | MWD_M | None |

| | | | | | | | | | | | | | |
|-----|---------|-------|--------|-------|--------|--------|---------|---------|--------|--------|------|-------|------|
| 107 | 584.08 | 46.34 | 212.87 | 5.00 | 534.31 | 170.43 | -152.71 | -88.49 | 176.50 | 210.09 | 2.15 | MWD_M | None |
| 108 | 589.08 | 46.91 | 212.92 | 5.00 | 537.74 | 173.97 | -155.77 | -90.46 | 180.13 | 210.15 | 3.48 | MWD_M | None |
| 109 | 594.08 | 47.52 | 212.90 | 5.00 | 541.14 | 177.55 | -158.85 | -92.45 | 183.79 | 210.20 | 3.72 | MWD_M | None |
| 110 | 599.08 | 48.11 | 212.89 | 5.00 | 544.49 | 181.17 | -161.96 | -94.46 | 187.49 | 210.25 | 3.60 | MWD_M | None |
| | | | | | | | | | | | | | |
| 111 | 604.08 | 48.55 | 212.90 | 5.00 | 547.82 | 184.81 | -165.09 | -96.49 | 191.22 | 210.31 | 2.68 | MWD_M | None |
| 112 | 609.08 | 48.99 | 212.94 | 5.00 | 551.11 | 188.48 | -168.25 | -98.54 | 194.98 | 210.36 | 2.69 | MWD_M | None |
| 113 | 614.08 | 49.61 | 213.03 | 5.00 | 554.37 | 192.17 | -171.43 | -100.60 | 198.77 | 210.41 | 3.80 | MWD_M | None |
| 114 | 619.08 | 49.96 | 213.14 | 5.00 | 557.60 | 195.90 | -174.63 | -102.68 | 202.58 | 210.46 | 2.19 | MWD_M | None |
| 115 | 624.08 | 50.61 | 213.13 | 5.00 | 560.80 | 199.65 | -177.85 | -104.79 | 206.42 | 210.51 | 3.96 | MWD_M | None |
| | | | | | | | | | | | | | |
| 116 | 629.08 | 51.13 | 213.28 | 5.00 | 563.95 | 203.44 | -181.09 | -106.91 | 210.30 | 210.56 | 3.25 | MWD_M | None |
| 117 | 634.08 | 51.57 | 213.33 | 5.00 | 567.07 | 207.26 | -184.36 | -109.06 | 214.20 | 210.61 | 2.69 | MWD_M | None |
| 118 | 639.08 | 52.25 | 213.45 | 5.00 | 570.16 | 211.10 | -187.64 | -111.22 | 218.13 | 210.66 | 4.19 | MWD_M | None |
| 119 | 644.08 | 52.76 | 213.55 | 5.00 | 573.20 | 214.98 | -190.95 | -113.41 | 222.09 | 210.71 | 3.15 | MWD_M | None |
| 120 | 649.08 | 53.34 | 213.68 | 5.00 | 576.21 | 218.89 | -194.28 | -115.62 | 226.08 | 210.76 | 3.59 | MWD_M | None |
| | | | | | | | | | | | | | |
| 121 | 654.08 | 53.70 | 213.68 | 5.00 | 579.18 | 222.82 | -197.62 | -117.85 | 230.10 | 210.81 | 2.19 | MWD_M | None |
| 122 | 659.08 | 54.45 | 213.76 | 5.00 | 582.11 | 226.78 | -200.99 | -120.10 | 234.14 | 210.86 | 4.59 | MWD_M | None |
| 123 | 664.08 | 54.97 | 213.82 | 5.00 | 585.00 | 230.78 | -204.38 | -122.37 | 238.22 | 210.91 | 3.18 | MWD_M | None |
| 124 | 669.08 | 55.76 | 213.80 | 5.00 | 587.84 | 234.80 | -207.80 | -124.66 | 242.33 | 210.96 | 4.82 | MWD_M | None |
| 125 | 674.08 | 56.38 | 213.73 | 5.00 | 590.64 | 238.86 | -211.25 | -126.96 | 246.47 | 211.01 | 3.80 | MWD_M | None |
| | | | | | | | | | | | | | |
| 126 | 679.08 | 56.97 | 213.77 | 5.00 | 593.38 | 242.95 | -214.73 | -129.29 | 250.64 | 211.05 | 3.60 | MWD_M | None |
| 127 | 684.08 | 57.55 | 213.86 | 5.00 | 596.09 | 247.07 | -218.22 | -131.63 | 254.84 | 211.10 | 3.57 | MWD_M | None |
| 128 | 689.08 | 58.12 | 213.83 | 5.00 | 598.75 | 251.21 | -221.73 | -133.98 | 259.07 | 211.14 | 3.48 | MWD_M | None |
| 129 | 694.08 | 58.80 | 213.81 | 5.00 | 601.36 | 255.38 | -225.27 | -136.36 | 263.33 | 211.19 | 4.15 | MWD_M | None |
| 130 | 699.08 | 59.51 | 213.82 | 5.00 | 603.93 | 259.58 | -228.84 | -138.74 | 267.62 | 211.23 | 4.33 | MWD_M | None |
| | | | | | | | | | | | | | |
| 131 | 704.08 | 60.06 | 213.82 | 5.00 | 606.44 | 263.81 | -232.43 | -141.15 | 271.93 | 211.27 | 3.35 | MWD_M | None |
| 132 | 709.08 | 60.74 | 213.81 | 5.00 | 608.91 | 268.06 | -236.04 | -143.57 | 276.28 | 211.31 | 4.15 | MWD_M | None |
| 133 | 714.08 | 61.41 | 213.80 | 5.00 | 611.33 | 272.35 | -239.68 | -146.00 | 280.65 | 211.35 | 4.08 | MWD_M | None |
| 134 | 719.08 | 62.00 | 213.77 | 5.00 | 613.70 | 276.66 | -243.34 | -148.45 | 285.05 | 211.39 | 3.60 | MWD_M | None |
| 135 | 724.08 | 62.60 | 213.80 | 5.00 | 616.03 | 280.99 | -247.02 | -150.91 | 289.47 | 211.42 | 3.66 | MWD_M | None |
| | | | | | | | | | | | | | |
| 136 | 729.08 | 63.20 | 213.78 | 5.00 | 618.30 | 285.34 | -250.72 | -153.39 | 293.92 | 211.46 | 3.66 | MWD_M | None |
| 137 | 734.08 | 63.89 | 213.68 | 5.00 | 620.53 | 289.72 | -254.44 | -155.87 | 298.39 | 211.49 | 4.24 | MWD_M | None |
| 138 | 739.08 | 64.17 | 213.74 | 5.00 | 622.72 | 294.12 | -258.18 | -158.37 | 302.88 | 211.53 | 1.74 | MWD_M | None |
| 139 | 744.08 | 64.56 | 213.70 | 5.00 | 624.88 | 298.53 | -261.93 | -160.87 | 307.39 | 211.56 | 2.39 | MWD_M | None |
| 140 | 749.08 | 64.79 | 213.71 | 5.00 | 627.02 | 302.95 | -265.69 | -163.38 | 311.90 | 211.59 | 1.40 | MWD_M | None |
| | | | | | | | | | | | | | |
| 141 | 754.08 | 64.83 | 213.72 | 5.00 | 629.15 | 307.38 | -269.45 | -165.89 | 316.42 | 211.62 | 0.25 | MWD_M | None |
| 142 | 759.08 | 64.85 | 213.69 | 5.00 | 631.28 | 311.81 | -273.22 | -168.40 | 320.95 | 211.65 | 0.21 | MWD_M | None |
| 143 | 764.08 | 64.76 | 213.66 | 5.00 | 633.41 | 316.23 | -276.98 | -170.91 | 325.47 | 211.68 | 0.57 | MWD_M | None |
| 144 | 769.08 | 64.66 | 213.65 | 5.00 | 635.54 | 320.65 | -280.75 | -173.42 | 329.99 | 211.70 | 0.61 | MWD_M | None |
| 145 | 774.08 | 64.49 | 213.66 | 5.00 | 637.69 | 325.07 | -284.50 | -175.92 | 334.50 | 211.73 | 1.04 | MWD_M | None |
| | | | | | | | | | | | | | |
| 146 | 779.08 | 64.35 | 213.70 | 5.00 | 639.85 | 329.48 | -288.26 | -178.42 | 339.01 | 211.76 | 0.88 | MWD_M | None |
| 147 | 784.08 | 64.25 | 213.74 | 5.00 | 642.01 | 333.89 | -292.00 | -180.92 | 343.51 | 211.78 | 0.65 | MWD_M | None |
| 148 | 789.08 | 64.16 | 213.77 | 5.00 | 644.19 | 338.30 | -295.75 | -183.42 | 348.01 | 211.81 | 0.57 | MWD_M | None |
| 149 | 794.08 | 64.18 | 213.81 | 5.00 | 646.37 | 342.70 | -299.49 | -185.93 | 352.51 | 211.83 | 0.25 | MWD_M | None |
| 150 | 799.08 | 64.02 | 213.83 | 5.00 | 648.55 | 347.10 | -303.22 | -188.43 | 357.00 | 211.86 | 0.98 | MWD_M | None |
| | | | | | | | | | | | | | |
| 151 | 804.08 | 63.78 | 213.83 | 5.00 | 650.75 | 351.50 | -306.95 | -190.93 | 361.49 | 211.88 | 1.46 | MWD_M | None |
| 152 | 809.08 | 63.63 | 213.83 | 5.00 | 652.97 | 355.88 | -310.68 | -193.42 | 365.97 | 211.91 | 0.91 | MWD_M | None |
| 153 | 814.08 | 63.55 | 213.85 | 5.00 | 655.19 | 360.27 | -314.40 | -195.92 | 370.44 | 211.93 | 0.50 | MWD_M | None |
| 154 | 819.08 | 63.63 | 213.90 | 5.00 | 657.42 | 364.65 | -318.12 | -198.41 | 374.92 | 211.95 | 0.56 | MWD_M | None |
| 155 | 824.08 | 63.72 | 213.95 | 5.00 | 659.63 | 369.04 | -321.83 | -200.91 | 379.40 | 211.98 | 0.61 | MWD_M | None |
| | | | | | | | | | | | | | |
| 156 | 829.08 | 63.97 | 213.97 | 5.00 | 661.84 | 373.43 | -325.56 | -203.42 | 383.88 | 212.00 | 1.53 | MWD_M | None |
| 157 | 834.08 | 64.27 | 213.98 | 5.00 | 664.02 | 377.84 | -329.29 | -205.94 | 388.38 | 212.02 | 1.83 | MWD_M | None |
| 158 | 839.08 | 64.53 | 213.97 | 5.00 | 666.18 | 382.25 | -333.03 | -208.46 | 392.89 | 212.04 | 1.59 | MWD_M | None |
| 159 | 844.08 | 65.01 | 214.01 | 5.00 | 668.31 | 386.68 | -336.78 | -210.98 | 397.41 | 212.07 | 2.93 | MWD_M | None |
| 160 | 849.08 | 65.47 | 214.01 | 5.00 | 670.41 | 391.13 | -340.54 | -213.52 | 401.95 | 212.09 | 2.80 | MWD_M | None |
| | | | | | | | | | | | | | |
| 161 | 854.08 | 65.90 | 214.04 | 5.00 | 672.46 | 395.59 | -344.32 | -216.07 | 406.50 | 212.11 | 2.63 | MWD_M | None |
| 162 | 859.08 | 66.47 | 214.04 | 5.00 | 674.48 | 400.07 | -348.11 | -218.63 | 411.07 | 212.13 | 3.47 | MWD_M | None |
| 163 | 864.08 | 66.94 | 214.05 | 5.00 | 676.46 | 404.57 | -351.91 | -221.21 | 415.66 | 212.15 | 2.87 | MWD_M | None |
| 164 | 869.08 | 67.48 | 214.10 | 5.00 | 678.40 | 409.09 | -355.73 | -223.79 | 420.27 | 212.17 | 3.30 | MWD_M | None |
| 165 | 874.08 | 67.94 | 214.10 | 5.00 | 680.29 | 413.62 | -359.56 | -226.38 | 424.89 | 212.19 | 2.80 | MWD_M | None |
| | | | | | | | | | | | | | |
| 166 | 879.08 | 68.48 | 214.12 | 5.00 | 682.15 | 418.17 | -363.41 | -228.99 | 429.53 | 212.22 | 3.29 | MWD_M | None |
| 167 | 884.08 | 68.97 | 214.15 | 5.00 | 683.96 | 422.74 | -367.26 | -231.60 | 434.19 | 212.24 | 2.99 | MWD_M | None |
| 168 | 889.08 | 69.43 | 214.15 | 5.00 | 685.74 | 427.32 | -371.13 | -234.22 | 438.86 | 212.26 | 2.80 | MWD_M | None |
| 169 | 894.08 | 69.84 | 214.17 | 5.00 | 687.48 | 431.91 | -375.01 | -236.86 | 443.54 | 212.28 | 2.50 | MWD_M | None |
| 170 | 899.08 | 70.11 | 214.19 | 5.00 | 689.19 | 436.51 | -378.90 | -239.49 | 448.24 | 212.30 | 1.65 | MWD_M | None |
| | | | | | | | | | | | | | |
| 171 | 904.08 | 70.37 | 214.22 | 5.00 | 690.88 | 441.12 | -382.79 | -242.14 | 452.94 | 212.32 | 1.59 | MWD_M | None |
| 172 | 909.08 | 70.40 | 214.29 | 5.00 | 692.56 | 445.74 | -386.68 | -244.79 | 457.65 | 212.34 | 0.44 | MWD_M | None |
| 173 | 914.08 | 70.50 | 214.38 | 5.00 | 694.23 | 450.36 | -390.57 | -247.45 | 462.36 | 212.36 | 0.80 | MWD_M | None |
| 174 | 929.77 | 69.92 | 213.75 | 15.69 | 699.55 | 464.82 | -402.80 | -255.72 | 477.12 | 212.41 | 1.61 | MWD_M | None |
| 175 | 958.90 | 70.38 | 217.36 | 29.13 | 709.44 | 491.79 | -425.09 | -271.65 | 504.47 | 212.58 | 3.59 | MWD_M | None |
| | | | | | | | | | | | | | |
| 176 | 1031.43 | 71.86 | 227.29 | 72.53 | 732.96 | 560.20 | -475.73 | -317.81 | 572.12 | 213.74 | 4.00 | MWD_M | None |
| 177 | 1061.56 | 72.45 | 230.93 | 30.13 | 742.20 | 588.82 | -494.50 | -339.48 | 599.81 | 214.47 | 3.56 | MWD_M | None |
| 178 | 1090.97 | 72.64 | 236.97 | 29.41 | 751.03 | 616.57 | -511.00 | -362.15 | 626.32 | 215.33 | 5.97 | MWD_M | None |
| 179 | 1119.77 | 72.71 | 242.74 | 28.80 | 759.61 | 643.21 | -524.80 | -3853 | | | | | |

| | | | | | | | | | | | | | |
|-----|---------|-------|--------|-------|---------|---------|----------|----------|---------|--------|------|-------|------|
| 187 | 1353.14 | 80.46 | 259.60 | 28.62 | 822.83 | 839.30 | -585.34 | -600.93 | 838.89 | 225.75 | 3.39 | MWD_M | None |
| 188 | 1382.46 | 83.82 | 258.62 | 29.32 | 826.84 | 863.53 | -590.83 | -629.45 | 863.30 | 226.81 | 3.64 | MWD_M | None |
| 189 | 1411.86 | 84.45 | 254.99 | 29.40 | 829.84 | 888.56 | -597.50 | -657.92 | 888.74 | 227.76 | 3.80 | MWD_M | None |
| 190 | 1438.99 | 84.34 | 253.00 | 27.13 | 832.49 | 912.32 | -604.95 | -683.87 | 913.04 | 228.50 | 2.23 | MWD_M | None |
| | | | | | | | | | | | | | |
| 191 | 1469.73 | 84.22 | 251.43 | 30.74 | 835.56 | 939.68 | -614.29 | -712.99 | 941.12 | 229.25 | 1.55 | MWD_M | None |
| 192 | 1495.08 | 83.10 | 249.56 | 25.35 | 838.36 | 962.55 | -622.70 | -736.74 | 964.65 | 229.80 | 2.61 | MWD_M | None |
| 193 | 1524.61 | 83.35 | 248.29 | 29.53 | 841.84 | 989.48 | -633.25 | -764.10 | 992.40 | 230.35 | 1.33 | MWD_M | None |
| 194 | 1557.55 | 81.71 | 246.72 | 32.94 | 846.12 | 1019.80 | -645.74 | -794.28 | 1023.65 | 230.89 | 2.09 | MWD_M | None |
| 195 | 1586.20 | 81.97 | 245.06 | 28.65 | 850.19 | 1046.41 | -657.32 | -820.16 | 1051.07 | 231.29 | 1.77 | MWD_M | None |
| | | | | | | | | | | | | | |
| 196 | 1615.69 | 82.06 | 242.94 | 29.49 | 854.29 | 1074.13 | -670.13 | -846.41 | 1079.57 | 231.63 | 2.17 | MWD_M | None |
| 197 | 1645.11 | 82.29 | 241.37 | 29.42 | 858.29 | 1102.07 | -683.74 | -872.18 | 1108.24 | 231.91 | 1.63 | MWD_M | None |
| 198 | 1674.05 | 82.03 | 240.31 | 28.94 | 862.24 | 1129.74 | -697.71 | -897.21 | 1136.57 | 232.13 | 1.14 | MWD_M | None |
| 199 | 1703.12 | 82.32 | 238.35 | 29.07 | 866.20 | 1157.72 | -712.40 | -921.98 | 1165.15 | 232.31 | 2.06 | MWD_M | None |
| 200 | 1732.30 | 82.20 | 236.84 | 29.18 | 870.13 | 1186.01 | -727.89 | -946.39 | 1193.94 | 232.44 | 1.57 | MWD_M | None |
| | | | | | | | | | | | | | |
| 201 | 1761.47 | 82.34 | 235.21 | 29.17 | 874.05 | 1214.44 | -744.05 | -970.36 | 1222.79 | 232.52 | 1.69 | MWD_M | None |
| 202 | 1790.91 | 82.17 | 232.75 | 29.44 | 878.02 | 1243.30 | -761.20 | -993.96 | 1251.95 | 232.55 | 2.53 | MWD_M | None |
| 203 | 1819.75 | 82.34 | 230.57 | 28.84 | 881.91 | 1271.72 | -778.92 | -1016.37 | 1280.52 | 232.53 | 2.29 | MWD_M | None |
| 204 | 1849.17 | 82.20 | 228.35 | 29.42 | 885.86 | 1300.81 | -797.87 | -1038.52 | 1309.63 | 232.47 | 2.28 | MWD_M | None |
| 205 | 1878.57 | 82.21 | 225.34 | 29.40 | 889.85 | 1329.93 | -817.79 | -1059.77 | 1338.62 | 232.34 | 3.09 | MWD_M | None |
| | | | | | | | | | | | | | |
| 206 | 1907.72 | 83.13 | 222.85 | 29.15 | 893.57 | 1358.83 | -838.56 | -1079.89 | 1367.23 | 232.17 | 2.76 | MWD_M | None |
| 207 | 1936.37 | 83.16 | 219.37 | 28.65 | 896.99 | 1387.18 | -859.98 | -1098.59 | 1395.16 | 231.95 | 3.68 | MWD_M | None |
| 208 | 1965.65 | 83.33 | 216.22 | 29.28 | 900.44 | 1415.98 | -882.96 | -1116.40 | 1423.36 | 231.66 | 3.26 | MWD_M | None |
| 209 | 1994.86 | 83.27 | 219.15 | 29.21 | 903.85 | 1444.70 | -905.91 | -1134.13 | 1451.53 | 231.38 | 3.04 | MWD_M | None |
| 210 | 2024.29 | 83.27 | 221.55 | 29.43 | 907.30 | 1473.80 | -928.19 | -1153.06 | 1480.23 | 231.17 | 2.47 | MWD_M | None |
| | | | | | | | | | | | | | |
| 211 | 2053.19 | 83.24 | 220.75 | 28.90 | 910.69 | 1502.41 | -949.80 | -1171.94 | 1508.50 | 230.98 | 0.84 | MWD_M | None |
| 212 | 2082.34 | 82.86 | 221.32 | 29.15 | 914.22 | 1531.26 | -971.62 | -1190.94 | 1537.01 | 230.79 | 0.71 | MWD_M | None |
| 213 | 2111.43 | 82.87 | 221.69 | 29.09 | 917.83 | 1560.04 | -993.24 | -1210.07 | 1565.50 | 230.62 | 0.38 | MWD_M | None |
| 214 | 2140.76 | 82.95 | 221.72 | 29.33 | 921.45 | 1589.08 | -1014.97 | -1229.43 | 1594.26 | 230.46 | 0.09 | MWD_M | None |
| 215 | 2169.42 | 83.04 | 221.71 | 28.66 | 924.95 | 1617.46 | -1036.20 | -1248.36 | 1622.38 | 230.31 | 0.10 | MWD_M | None |
| | | | | | | | | | | | | | |
| 216 | 2198.60 | 82.92 | 221.88 | 29.18 | 928.51 | 1646.36 | -1057.80 | -1267.66 | 1651.03 | 230.16 | 0.22 | MWD_M | None |
| 217 | 2227.83 | 82.95 | 222.43 | 29.23 | 932.11 | 1675.31 | -1079.30 | -1287.13 | 1679.76 | 230.02 | 0.57 | MWD_M | None |
| 218 | 2257.56 | 83.07 | 223.04 | 29.73 | 935.73 | 1704.78 | -1100.97 | -1307.15 | 1709.03 | 229.89 | 0.63 | MWD_M | None |
| 219 | 2286.54 | 82.81 | 223.64 | 28.98 | 939.29 | 1733.52 | -1121.89 | -1326.89 | 1737.61 | 229.79 | 0.68 | MWD_M | None |
| 220 | 2315.08 | 82.92 | 223.72 | 28.54 | 942.83 | 1761.82 | -1142.37 | -1346.45 | 1765.77 | 229.69 | 0.14 | MWD_M | None |
| | | | | | | | | | | | | | |
| 221 | 2344.40 | 82.93 | 223.65 | 29.32 | 946.44 | 1790.90 | -1163.41 | -1366.55 | 1794.71 | 229.59 | 0.07 | MWD_M | None |
| 222 | 2373.54 | 82.81 | 224.10 | 29.14 | 950.06 | 1819.80 | -1184.26 | -1386.59 | 1823.48 | 229.50 | 0.48 | MWD_M | None |
| 223 | 2402.26 | 82.90 | 224.09 | 28.72 | 953.63 | 1848.28 | -1204.72 | -1406.42 | 1851.85 | 229.42 | 0.10 | MWD_M | None |
| 224 | 2431.99 | 82.78 | 224.18 | 29.73 | 957.34 | 1877.77 | -1225.89 | -1426.96 | 1881.23 | 229.33 | 0.15 | MWD_M | None |
| 225 | 2461.30 | 83.07 | 224.67 | 29.31 | 960.95 | 1906.85 | -1246.67 | -1447.32 | 1910.21 | 229.26 | 0.59 | MWD_M | None |
| | | | | | | | | | | | | | |
| 226 | 2490.43 | 82.98 | 224.61 | 29.13 | 964.49 | 1935.76 | -1267.24 | -1467.64 | 1939.03 | 229.19 | 0.11 | MWD_M | None |
| 227 | 2519.16 | 82.90 | 225.31 | 28.73 | 968.02 | 1964.27 | -1287.41 | -1487.78 | 1967.47 | 229.13 | 0.74 | MWD_M | None |
| 228 | 2548.71 | 82.84 | 225.23 | 29.55 | 971.68 | 1993.59 | -1308.05 | -1508.61 | 1996.72 | 229.07 | 0.10 | MWD_M | None |
| 229 | 2576.88 | 82.89 | 224.82 | 28.17 | 975.18 | 2021.54 | -1327.81 | -1528.39 | 2024.61 | 229.02 | 0.44 | MWD_M | None |
| 230 | 2606.68 | 83.04 | 223.80 | 29.80 | 978.83 | 2051.11 | -1348.97 | -1549.05 | 2054.08 | 228.95 | 1.05 | MWD_M | None |
| | | | | | | | | | | | | | |
| 231 | 2635.65 | 82.75 | 223.17 | 28.97 | 982.42 | 2079.84 | -1369.83 | -1568.83 | 2082.70 | 228.87 | 0.73 | MWD_M | None |
| 232 | 2665.14 | 83.07 | 222.28 | 29.49 | 986.06 | 2109.06 | -1391.32 | -1588.68 | 2111.80 | 228.79 | 0.97 | MWD_M | None |
| 233 | 2694.34 | 82.87 | 221.77 | 29.20 | 989.63 | 2137.98 | -1412.85 | -1608.09 | 2140.58 | 228.70 | 0.57 | MWD_M | None |
| 234 | 2723.69 | 83.10 | 221.82 | 29.35 | 993.22 | 2167.05 | -1434.57 | -1627.50 | 2169.50 | 228.61 | 0.24 | MWD_M | None |
| 235 | 2752.63 | 82.64 | 221.29 | 28.94 | 996.81 | 2195.69 | -1456.06 | -1646.55 | 2198.01 | 228.51 | 0.74 | MWD_M | None |
| | | | | | | | | | | | | | |
| 236 | 2781.37 | 83.01 | 221.24 | 28.74 | 1000.40 | 2224.12 | -1477.49 | -1665.36 | 2226.30 | 228.42 | 0.40 | MWD_M | None |
| 237 | 2810.86 | 83.04 | 221.21 | 29.49 | 1003.98 | 2253.31 | -1499.51 | -1684.65 | 2255.34 | 228.33 | 0.04 | MWD_M | None |
| 238 | 2840.20 | 83.07 | 221.43 | 29.34 | 1007.53 | 2282.35 | -1521.38 | -1703.88 | 2284.25 | 228.24 | 0.23 | MWD_M | None |
| 239 | 2868.83 | 83.12 | 221.37 | 28.63 | 1010.97 | 2310.69 | -1542.70 | -1722.67 | 2312.47 | 228.15 | 0.08 | MWD_M | None |
| 240 | 2898.20 | 82.98 | 221.17 | 29.37 | 1014.52 | 2339.76 | -1564.62 | -1741.90 | 2341.42 | 228.07 | 0.25 | MWD_M | None |
| | | | | | | | | | | | | | |
| 241 | 2926.78 | 82.87 | 221.21 | 28.58 | 1018.04 | 2368.04 | -1585.96 | -1760.58 | 2369.58 | 227.99 | 0.12 | MWD_M | None |
| 242 | 2956.18 | 83.01 | 221.48 | 29.40 | 1021.66 | 2397.13 | -1607.86 | -1779.86 | 2398.56 | 227.91 | 0.31 | MWD_M | None |
| 243 | 2984.65 | 82.72 | 221.70 | 28.47 | 1025.19 | 2425.31 | -1628.99 | -1798.61 | 2426.64 | 227.83 | 0.39 | MWD_M | None |
| 244 | 3014.30 | 83.21 | 223.15 | 29.65 | 1028.82 | 2454.69 | -1650.71 | -1818.46 | 2455.94 | 227.77 | 1.56 | MWD_M | None |
| 245 | 3043.56 | 82.55 | 223.31 | 29.26 | 1032.45 | 2483.70 | -1671.87 | -1838.34 | 2484.88 | 227.72 | 0.71 | MWD_M | None |
| | | | | | | | | | | | | | |
| 246 | 3073.02 | 83.12 | 223.13 | 29.46 | 1036.12 | 2512.90 | -1693.17 | -1858.36 | 2514.03 | 227.66 | 0.62 | MWD_M | None |
| 247 | 3112.02 | 82.84 | 222.53 | 39.00 | 1040.89 | 2551.56 | -1721.55 | -1884.68 | 2552.60 | 227.59 | 0.51 | MWD_M | None |
| 248 | 3131.41 | 82.98 | 222.60 | 19.39 | 1043.28 | 2570.77 | -1735.73 | -1897.69 | 2571.77 | 227.55 | 0.25 | MWD_M | None |
| 249 | 3160.44 | 83.13 | 223.05 | 29.03 | 1046.79 | 2599.55 | -1756.86 | -1917.28 | 2600.49 | 227.50 | 0.49 | MWD_M | None |
| 250 | 3198.90 | 82.95 | 223.10 | 38.46 | 1051.45 | 2637.69 | -1784.75 | -1943.35 | 2638.55 | 227.44 | 0.15 | MWD_M | None |
| | | | | | | | | | | | | | |
| 251 | 3228.02 | 82.72 | 222.88 | 29.12 | 1055.09 | 2666.55 | -1805.88 | -1963.05 | 2667.36 | 227.39 | 0.33 | MWD_M | None |
| 252 | 3248.06 | 83.01 | 223.06 | 20.04 | 1057.58 | 2686.42 | -1820.43 | -1976.61 | 2687.18 | 227.36 | 0.52 | MWD_M | None |
| 253 | 3277.44 | 82.87 | 223.02 | 29.38 | 1061.19 | 2715.54 | -1841.74 | -1996.51 | 2716.26 | 227.31 | 0.15 | MWD_M | None |
| 254 | 3306.48 | 82.84 | 222.85 | 29.04 | 1064.80 | 2744.32 | -1862.84 | -2016.14 | 2744.99 | 227.26 | 0.18 | MWD_M | None |
| 255 | 3335.61 | 82.98 | 222.85 | 29.13 | 1068.39 | 2773.20 | -1884.03 | -2035.79 | 2773.81 | 227.22 | 0.15 | MWD_M | None |
| | | | | | | | | | | | | | |
| 256 | 3365.04 | 82.93 | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|-----|---------|-------|--------|-------|---------|---------|----------|----------|---------|--------|------|-------------|------|
| 266 | 3686.73 | 82.90 | 222.86 | 29.24 | 1117.83 | 3119.83 | -2138.60 | -2271.70 | 3119.97 | 226.73 | 0.18 | MWD_M | None |
| 267 | 3685.30 | 82.90 | 222.67 | 28.57 | 1111.13 | 3119.83 | -2138.60 | -2271.70 | 3119.97 | 226.73 | 0.18 | MWD_M | None |
| 268 | 3714.76 | 82.81 | 222.80 | 29.46 | 1114.80 | 3149.03 | -2160.07 | -2291.53 | 3149.13 | 226.69 | 0.16 | MWD_M | None |
| 269 | 3743.85 | 82.92 | 222.70 | 29.09 | 1118.41 | 3177.86 | -2181.26 | -2311.13 | 3177.93 | 226.66 | 0.16 | MWD_M | None |
| 270 | 3772.89 | 82.90 | 222.71 | 29.04 | 1121.99 | 3206.63 | -2202.44 | -2330.67 | 3206.68 | 226.62 | 0.02 | MWD_M | None |
| 271 | 3802.03 | 82.78 | 222.85 | 29.14 | 1125.63 | 3235.51 | -2223.66 | -2350.31 | 3235.52 | 226.59 | 0.19 | MWD_M | None |
| 272 | 3831.57 | 82.95 | 222.73 | 29.54 | 1129.30 | 3264.79 | -2245.17 | -2370.22 | 3264.77 | 226.55 | 0.21 | MWD_M | None |
| 273 | 3860.84 | 82.93 | 222.76 | 29.27 | 1132.89 | 3293.80 | -2266.50 | -2389.94 | 3293.76 | 226.52 | 0.04 | MWD_M | None |
| 274 | 3890.43 | 83.01 | 222.65 | 29.59 | 1136.52 | 3323.12 | -2288.08 | -2409.86 | 3323.06 | 226.48 | 0.14 | MWD_M | None |
| 275 | 3918.61 | 83.10 | 222.98 | 28.18 | 1139.92 | 3351.06 | -2308.60 | -2428.87 | 3350.98 | 226.45 | 0.37 | MWD_M | None |
| 276 | 3948.60 | 82.95 | 222.88 | 29.99 | 1143.56 | 3380.80 | -2330.40 | -2449.14 | 3380.69 | 226.42 | 0.18 | MWD_M | None |
| 277 | 3977.32 | 83.01 | 222.99 | 28.72 | 1147.07 | 3409.27 | -2351.27 | -2468.56 | 3409.14 | 226.39 | 0.13 | MWD_M | None |
| 278 | 4006.70 | 82.69 | 222.84 | 29.38 | 1150.73 | 3438.39 | -2372.62 | -2488.41 | 3438.24 | 226.36 | 0.37 | MWD_M | None |
| 279 | 4036.26 | 81.37 | 222.53 | 29.56 | 1154.83 | 3467.62 | -2394.14 | -2508.25 | 3467.45 | 226.33 | 1.40 | MWD_M | None |
| 280 | 4066.07 | 77.51 | 221.67 | 29.81 | 1160.29 | 3496.87 | -2415.87 | -2527.90 | 3496.67 | 226.30 | 4.04 | MWD_M | None |
| 281 | 4095.39 | 73.91 | 220.89 | 29.32 | 1167.53 | 3525.19 | -2437.22 | -2546.64 | 3524.97 | 226.26 | 3.82 | MWD_M | None |
| 282 | 4123.52 | 70.84 | 220.51 | 28.13 | 1176.04 | 3551.90 | -2457.54 | -2564.12 | 3551.65 | 226.22 | 3.35 | MWD_M | None |
| 283 | 4153.05 | 68.11 | 220.64 | 29.53 | 1186.40 | 3579.44 | -2478.55 | -2582.11 | 3579.17 | 226.17 | 2.82 | MWD_M | None |
| 284 | 4182.48 | 65.88 | 220.41 | 29.43 | 1197.90 | 3606.42 | -2499.14 | -2599.71 | 3606.13 | 226.13 | 2.32 | MWD_M | None |
| 285 | 4211.99 | 62.57 | 221.14 | 29.51 | 1210.73 | 3632.89 | -2519.26 | -2617.06 | 3632.59 | 226.09 | 3.49 | MWD_M | None |
| 286 | 4241.13 | 58.93 | 221.72 | 29.14 | 1224.96 | 3658.24 | -2538.32 | -2633.88 | 3657.92 | 226.06 | 3.84 | MWD_M | None |
| 287 | 4270.18 | 55.34 | 222.42 | 29.05 | 1240.73 | 3682.59 | -2556.43 | -2650.22 | 3682.26 | 226.03 | 3.82 | MWD_M | None |
| 288 | 4299.75 | 51.76 | 223.11 | 29.57 | 1258.29 | 3706.34 | -2573.89 | -2666.37 | 3706.00 | 226.01 | 3.73 | MWD_M | None |
| 289 | 4328.84 | 50.02 | 223.66 | 29.09 | 1276.64 | 3728.90 | -2590.30 | -2681.87 | 3728.55 | 226.00 | 1.88 | MWD_M | None |
| 290 | 4343.75 | 49.03 | 223.86 | 14.91 | 1286.32 | 3740.23 | -2598.49 | -2689.72 | 3739.88 | 225.99 | 2.05 | MWD_M | None |
| 291 | 4375.03 | 46.72 | 224.47 | 31.28 | 1307.30 | 3763.42 | -2615.13 | -2705.88 | 3763.07 | 225.98 | 2.29 | MWD_M | None |
| 292 | 4404.38 | 42.24 | 222.93 | 29.35 | 1328.24 | 3783.97 | -2629.99 | -2720.09 | 3783.61 | 225.96 | 4.79 | MWD_M | None |
| 293 | 4433.66 | 38.99 | 222.93 | 29.28 | 1350.46 | 3803.00 | -2643.94 | -2733.07 | 3802.64 | 225.95 | 3.38 | MWD_M | None |
| 294 | 4463.05 | 34.99 | 224.20 | 29.39 | 1373.93 | 3820.67 | -2656.76 | -2745.25 | 3820.31 | 225.94 | 4.22 | MWD_M | None |
| 295 | 4491.90 | 31.26 | 222.22 | 28.85 | 1398.09 | 3836.42 | -2668.24 | -2756.05 | 3836.05 | 225.93 | 4.10 | MWD_M | None |
| 296 | 4521.32 | 28.34 | 216.34 | 29.42 | 1423.62 | 3850.93 | -2679.52 | -2765.32 | 3850.56 | 225.90 | 4.28 | MWD_M | None |
| 297 | 4550.49 | 28.90 | 217.79 | 29.17 | 1449.23 | 3864.75 | -2690.67 | -2773.74 | 3864.37 | 225.87 | 0.93 | MWD_M | None |
| 298 | 4593.00 | 30.00 | 220.00 | 42.51 | 1486.24 | 3885.50 | -2706.93 | -2786.87 | 3885.11 | 225.83 | 1.11 | Proj. to TD | |

Company:
ESSO Australia Pty Ltd

Well:
SNA A11A

Field:
Snapper

Rig:
ISDL 175

State:
Victoria

8.50 In. Section

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1:500 True Vertical Depth
Real Time Mode Log



