# Schlumberger

Company: **SANTOS − INPEX − UNOCAL**

**VIC−P−52**

Well: **Amrit−1**

Field: **Exploration**

Rig: **Jack Bates** State: **Victoria**

Rig: Jack Bates
Field: Exploration
Location: Otway Basin
Well: Amrit−1
Company: SANTOS − INPEX − UNOCAL

## PERFORM − APWD
## Time Based − 2'' per 3600'
## Recorded Mode Data

Location

| | |
|---|---|
| Total depth: | 2979.0 m |
| Spud date: | 20−Nov−2004 |
| Runs: | 2 To 2 |

Elevation

| | |
|---|---|
| K.B. | Top Drive |
| G.L. | −1396.0 m |
| D.F. | 29.0 m |

| | | | |
|---|---|---|---|
| Permanent datum: | LAT | Elev.: | 0 m |
| Log measured from: | Rotary Table | 29.0 m | above Perm. datum |
| Depth reference: | Driller's Pipe Tally | | |

| API serial no. | X = 563729.6mE<br>Y =5690204.1mN | Longitude<br>141° 44' 07.08''E | Latitude<br>38° 56' 05.20''S |
|---|---|---|---|

| | | |
|---|---|---|
| Depth logged: 1820.0 m To 2444.0 m | Mag decl: 10.48 deg. | Other services: |
| Date logged: 27−Nov−04 To 1−Dec−04 | Mag dip: −70.25 deg. | Directional Surveys |

**Bore hole record**

| Hole size | from | to |
|---|---|---|
| 26 in. | 1425.0 m | 1835.0 m |
| 17.5 in. | 1835.0 m | 2459.0 m |
| 12.25 in. | 2459.0 m | 2979.0 m |

**Casing record**

| Size | Density | from | to |
|---|---|---|---|
| 30 in. | 456/309 lb/ft | 1425.0 m | 1510.0 m |
| 20 in. | 133 lb/ft | 1425.0 m | 1822.0 m |
| 13.375 in. | 68 lb/ft | 1425.0 m | 2454.5 m |

**Mud record**

| Type | from | to |
|---|---|---|
| Seawater | 1425.0 m | 1835.0 m |
| KCl/PHPA/Glycol | 1835.0 m | 2979.0 m |

**Borehole deviation record**

| Min | Max | from | to |
|---|---|---|---|
| 0.26 deg. | 1.07 deg. | 1425.0 m | 1835.0 m |
| 0.12 deg. | 0.40 deg. | 1835.0 m | 2459.0 m |
| 0.00 deg. | 0.07 deg. | 2459.0 m | 2797.0 m |

**Surface equipment**

| | |
|---|---|
| Unit | OLU ME 0104 |
| Depth system | Geolograph |
| | |
| | |

**Software record**

| | |
|---|---|
| IDEAL Wis | ID9_1C_01 |
| SPM | hspm9_2c_08 |
| LWD | 6.0 B08 |
| MWD | 7.0C00 |

# Bit Run Summary

| Run number | | 1 | 2 | 3 | 4 |
|---|---|---|---|---|---|
| Bit size | in | 26 | 17.5 | 12.25 | 12.25 |
| Bit start depth | m | 1425.0 | 1835.0 | 2459.0 | 2695.0 |
| Bit end depth | m | 1835.0 | 2459.0 | 2695.0 | 2979.0 |
| Top interval logged | m | 1425.0 | 1820.0 | 2444.0 | 2678.5 |
| Bottom interval logged | m | 1820.0 | 2444.0 | 2678.5 | 2963.0 |
| Begin log: time | | 08:20:00 | 13:10:00 | 03:50:00 | 8:30:00 |
| Begin log: date | | 20−Nov−04 | 27−Nov−04 | 4−Dec−04 | 6−Dec−04 |
| End log: time | | 16:30:00 | 22:15:00 | 7:00:00 | 16:00:00 |
| End log: date | | 22−Nov−04 | 1−Dec−04 | 6−Dec−04 | 7−Dec−04 |
| **Mud data** | | | | | |
| Depth | m | 1835.0 | 2459.0 | 2695.0 | 2979.0 |
| Type | | Sea water | KCl/PHPA/Glycol | KCl/PHPA/Glycol | KCl/PHPA/Glycol |
| Mud weight | ppg | 8.6 | 9.2 | 9.5 | 9.6 |
| Solids | % | N/A | 4.0 | 8.8 | 9.5 |
| Chlorides | mg/l | N/A | 38500 | 52500 | 48000 |
| Rm | OHMM@°C | N/A | 0.1192@25.1 | 0.078@26.3 | 0.0968@25.2 |
| Rmf | OHMM@°C | N/A | 0.1087@24.9 | 0.0732@25.8 | 0.0891@24.9 |
| Rmc | OHMM@°C | N/A | 0.1248@26.8 | 0.1005@25.5 | 0.1285@24.5 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | % | N/A | 4.0 | 5.4 | 5.1 | | | | | | |
| **Environmental data** | | | | | | | | | | | |
| **GR** | | | | | | | | | | | |
| Mud weight | ppg | 8.6 | 9.2 | 9.5 | 9.6 | | | | | | |
| Bit size | in | 26 | 17.5 | 12.25 | 12.25 | | | | | | |
| **Resistivity** | | | | | | | | | | | |
| **Neutron porosity** | | | | | | | | | | | |
| Hole Size | in | 26 | 17.5 | 12.25 | 12.25 | | | | | | |
| Mud weight | ppg | 8.6 | 9.2 | 9.5 | 9.6 | | | | | | |
| Bottom Hole Temperature | °C | 17.0 | 23.0 | 24.0 | 26.0 | | | | | | |
| Mud salinity | ppm | N/A | N/A | N/A | N/A | | | | | | |
| Formation salinity | ppm | N/A | N/A | N/A | N/A | | | | | | |
| Recording rate 1 | SEC | 6 | 6 | 6 | 6 | GR−APWD | | | | | |
| Recording rate 2 | SEC | 6 | 6 | 6 | 6 | RES | | | | | |
| Filtering GR | | 3−Point | 3−point | 3−point | 3−point | | | | | | |
| Filtering density | | N/A | N/A | N/A | N/A | | | | | | |
| Filtering Neutron | | N/A | N/A | N/A | N/A | | | | | | |
| Company representative | | D.Atkins | P. King | J.Young | R.Subramanian | | | | | | |
| Anadrill personnel | | D.Borges | O.Radicevic | L.Watson | B. Manjenic | | | | | | |

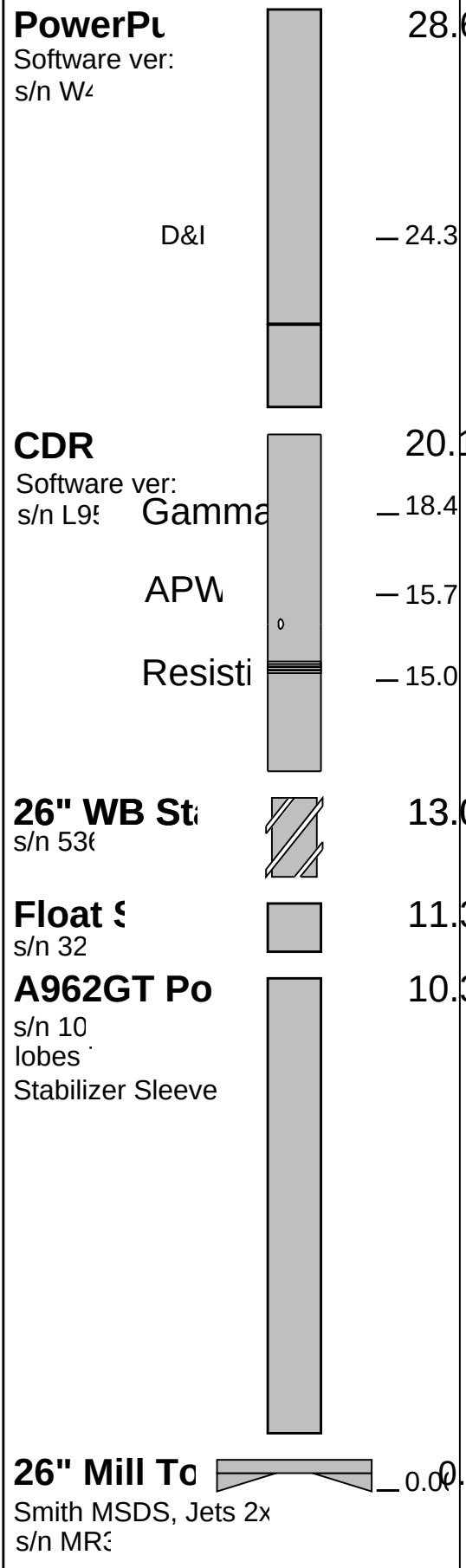


| OTHER SERVICES FOR RUN1 | OTHER SERVICES FOR RUN2 | OTHER SERVICES FOR RUN3 |
|---|---|---|
| Directional Surveys | Directional Surveys | Directional Surveys |
| Performance Drilling | Performance Drilling | Perfomance Drilling |
| Annular Pressure, ECD & Temperature | Annular Pressure, ECD & Temperature | Annular Presseure, ECD & Temperature |
| Internet Web Witness | Internet Web Witness | Multi Vibrational Chassis (MVC) |
| | | Internet Web Witness |
| REMARKS: RUN NUMBER 1 | REMARKS: RUN NUMBER 2 | REMARKS: RUN NUMBER 3 |
| Depth is Driller's Depth. | Depth is Driller's Depth. | Depth is Driller's Depth. |
| CDR gamma ray is corrected for bit size, mud weight and tool size. | CDR gamma ray is corrected for bit size, mud weight and tool size. | CDR gamma ray is corrected for bit size, mud weight and tool size. |
| CDR resistivity is borehole compensated but not environmentally corrected. | CDR resistivity is borehole compensated but not environmentally corrected. | CDR resistivity is borehole compensated but not environmentally corrected. |
| Run Objective: Jet in 30" casing & continue to drill 26" to TD. | Run Objective: Drill 17.5" section to TD. | Run Objective: Drill 12.25" section to TD. |
| POOH: Section TD. | POOH: Section TD. | POOH: Rate of penetration. |
| Remarks: Low Gamma Ray readings are due to enlarged hole size. | | |

# EQUIPMENT DESCRIPTION

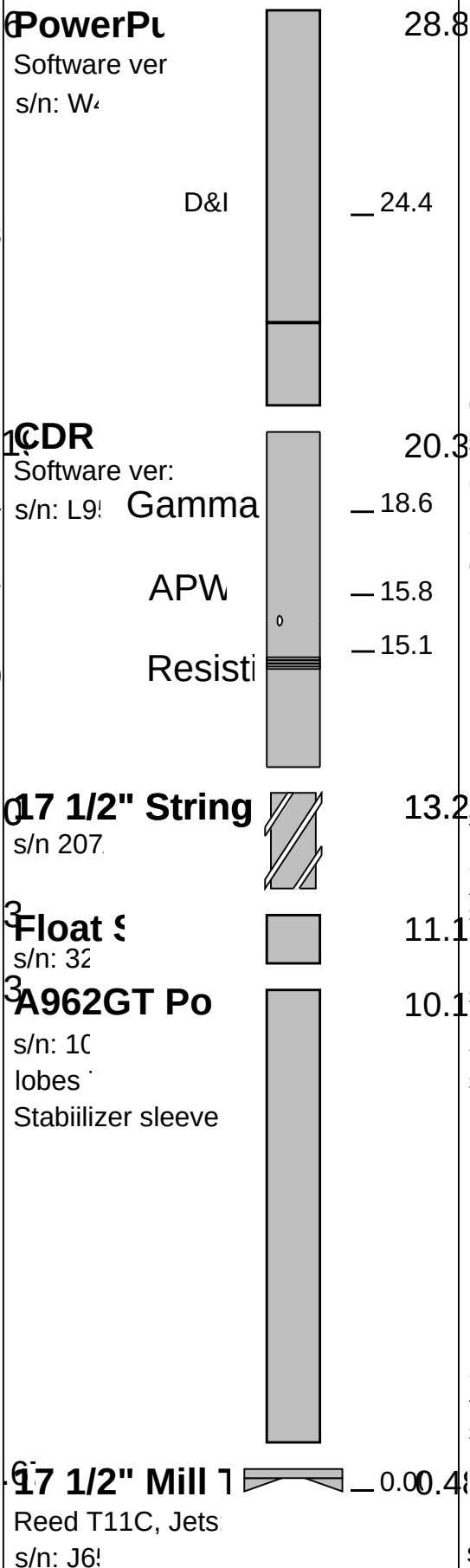
| RUN1 | RUN2 | RUN3 |
|---|---|---|
| DOWNHOLE E | DOWNHOLE E | DOWNHOLE E |

DOWNHOLE E



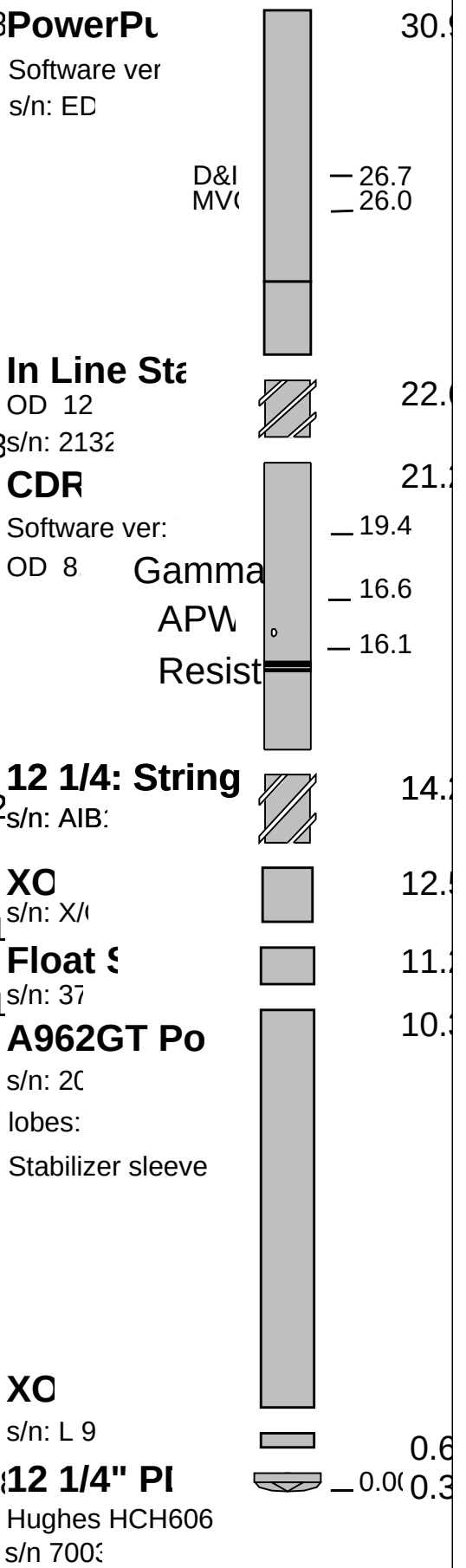

Maximum string dian
All lengths in

DOWNHOLE E




Maximum string dian
All lengths in

DOWNHOLE E



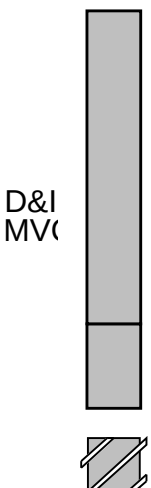

Maximum string dian
All lengths in

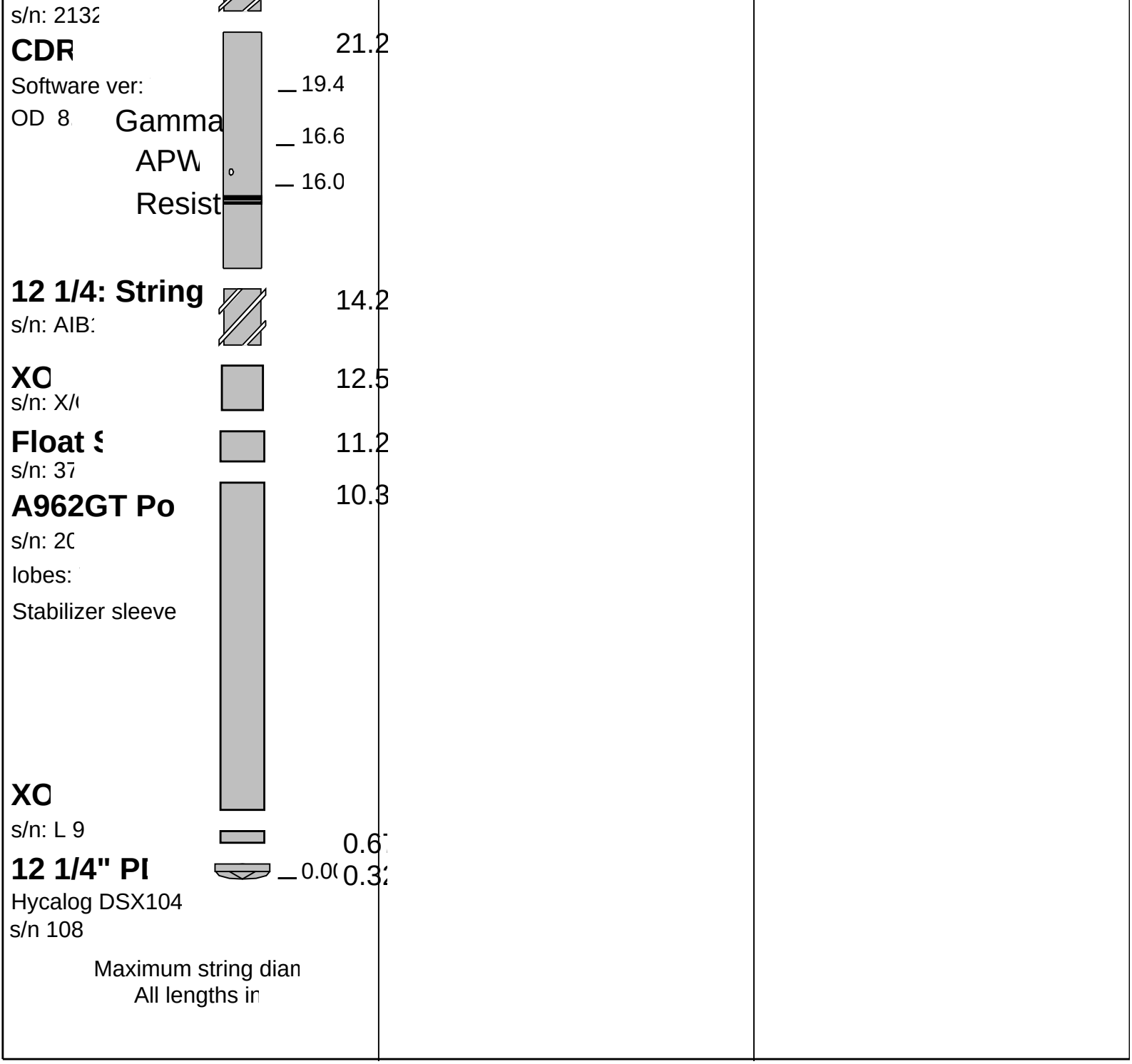
| OTHER SERVICES FOR RUN4 | OTHER SERVICES FOR RUN | OTHER SERVICES FOR RUN |
|---|---|---|
| Directional Surveys<br>Performance Drilling<br>Annular Pressure, ECD & Temperature<br>Multi Vibrational Chassis (MVC)<br>Internet Web Witness | | |
| REMARKS: RUN NUMBER 4<br>Depth is Driller's Depth.<br><br>CDR gamma ray is corrected for bit size, mud weight and tool size.<br><br>CDR resistivity is borehole compensated but not environmentally corrected.<br><br>Run Objective: Drill 12.25" section to TD.<br><br>POOH: TD of Armit−1. | REMARKS: RUN NUMBER | REMARKS: RUN NUMBER |

# EQUIPMENT DESCRIPTION

| RUN4 | RUN | RUN |
|---|---|---|

DOWNHOLE E





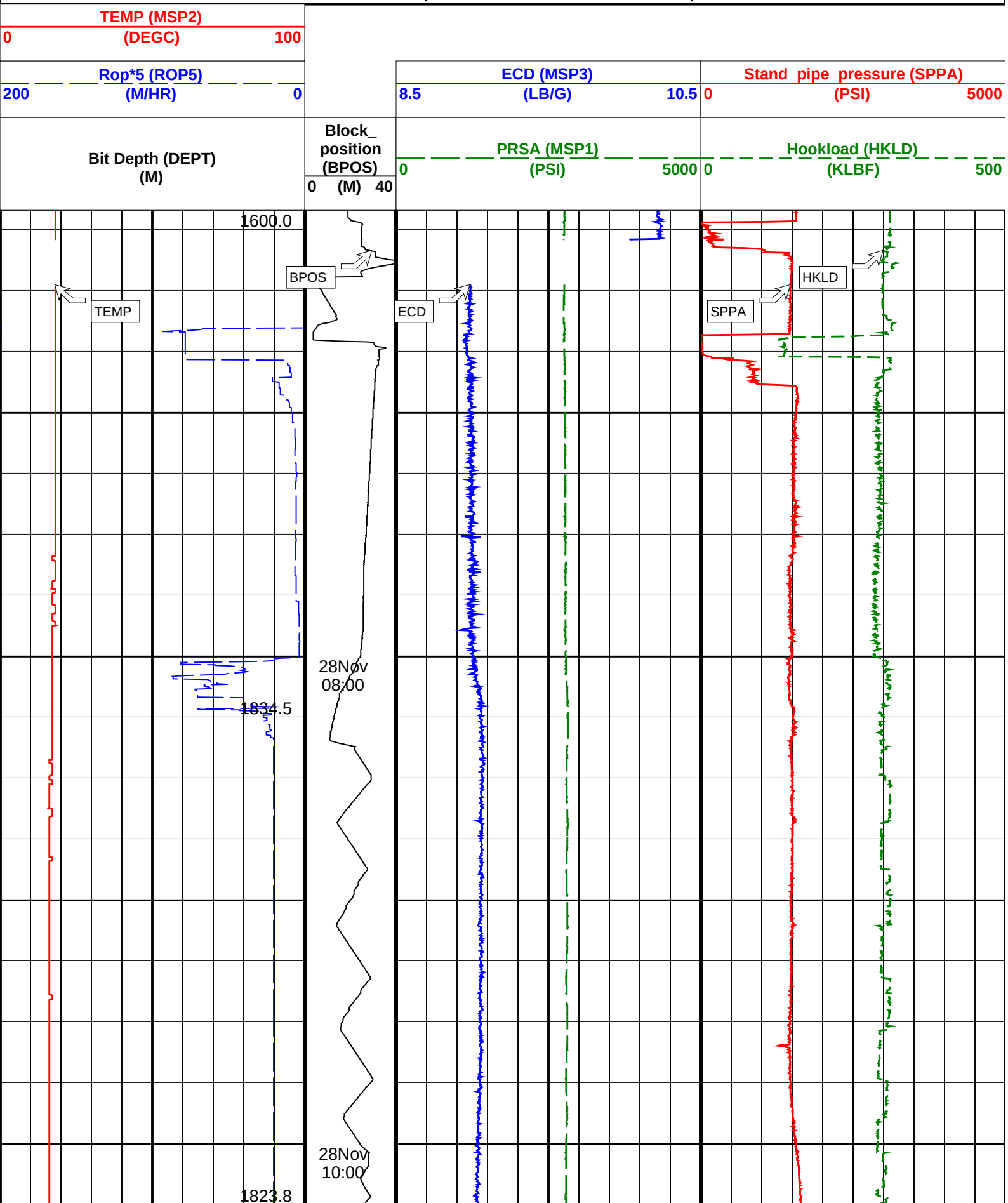

| Variable Name | Variable Description | Run Name & Value | | | |
|---|---|---|---|---|---|
| | | Run #1 | Run #2 | Run #3 | Run #4 |
| BHT_RM | Bottom Hole Temperature (degC) | 17.000000 | 23.000000 | 24.000000 | 26.000000 |
| BS_RM | Bit Size (in) | 26.000000 | 17.500000 | 12.250000 | 12.250000 |
| MST_RM | Mud Sample temperature (degC) | 12.000000 | 25.100000 | 26.300000 | 25.200000 |
| MW_RM | Mud Weight (ppg) | 8.600000 | 9.200000 | 9.500000 | 9.600000 |
| OBMF_RM | Oil Based Mud | NO | NO | NO | NO |
| RMS_RM | Resistivity of Mud Sample (ohmm) | 0.000000 | 0.119200 | 0.078000 | 0.096800 |
| SHT_RM | Surface Hole Temperature (degC) | 12.000000 | 15.000000 | 15.000000 | 15.000000 |
| TD_RM | Total Measured Depth (m) | 1835.000000 | 2459.000000 | 2695.000000 | 2979.000000 |
| ENV_SELECT | Res. Env. Corr. Selection | BS | BS | BS | BS |
| TSIZ_CDR | CDR Tool Size (in) | 9.500000 | 9.500000 | 8.250000 | 8.250000 |
| PLATEU | CDR: Plateau GR sensor | YES | YES | YES | YES |
| VERS_CDR | CDR Down hole software version Number | 6.0B0800 | 6.0B0800 | 6.0B0800 | 6.0B0800 |

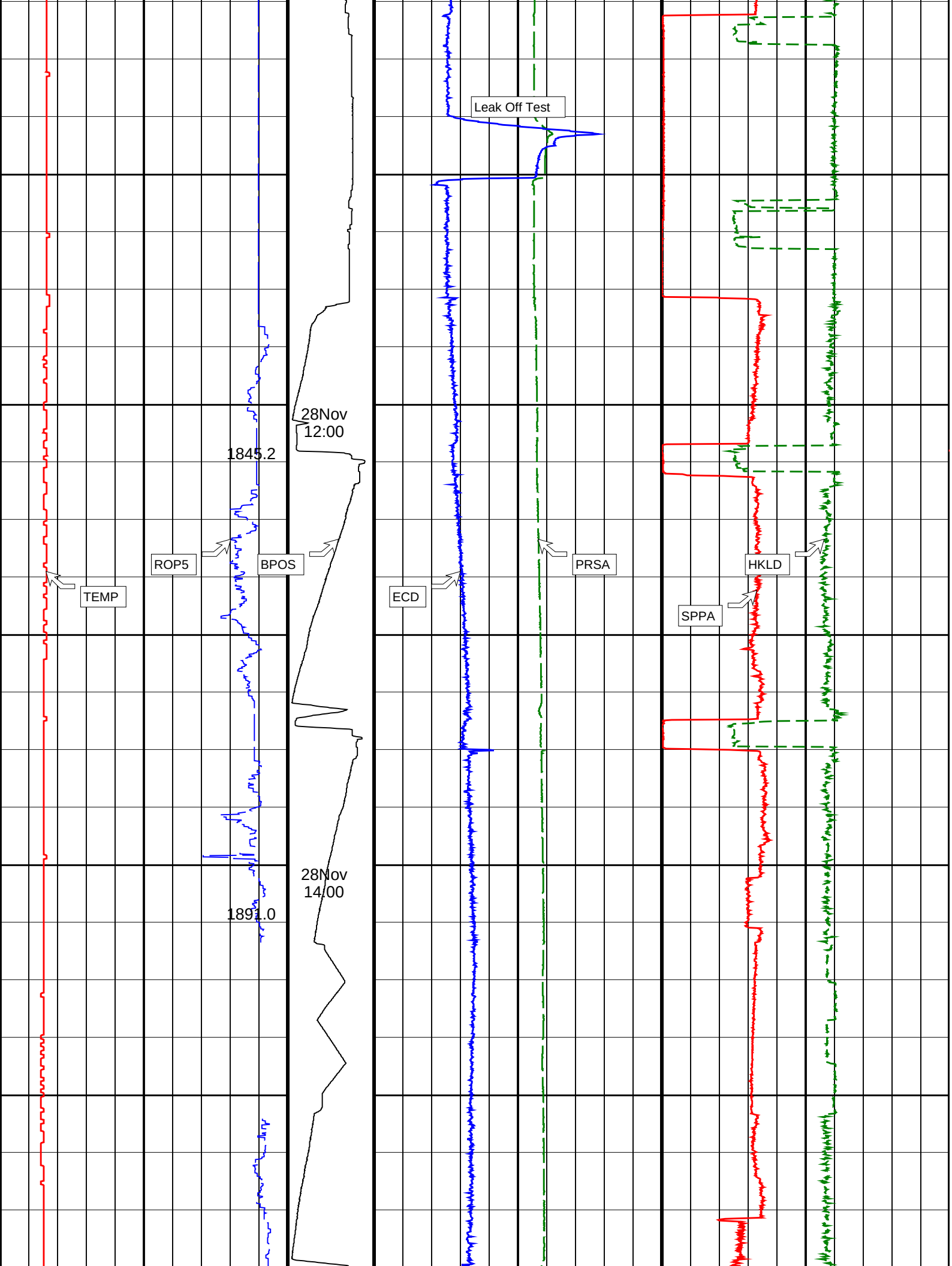
# IDEAL Version: ID9_1C_01

IDF

CDR id9_1c_01 MWD_10 id9_1c_01

Format: CDR_APWD_Timebased Vertical Scale: 2" per 3600S Graphics File Created: 07−Dec−2004 02:00




Leak Off Test
28Nov
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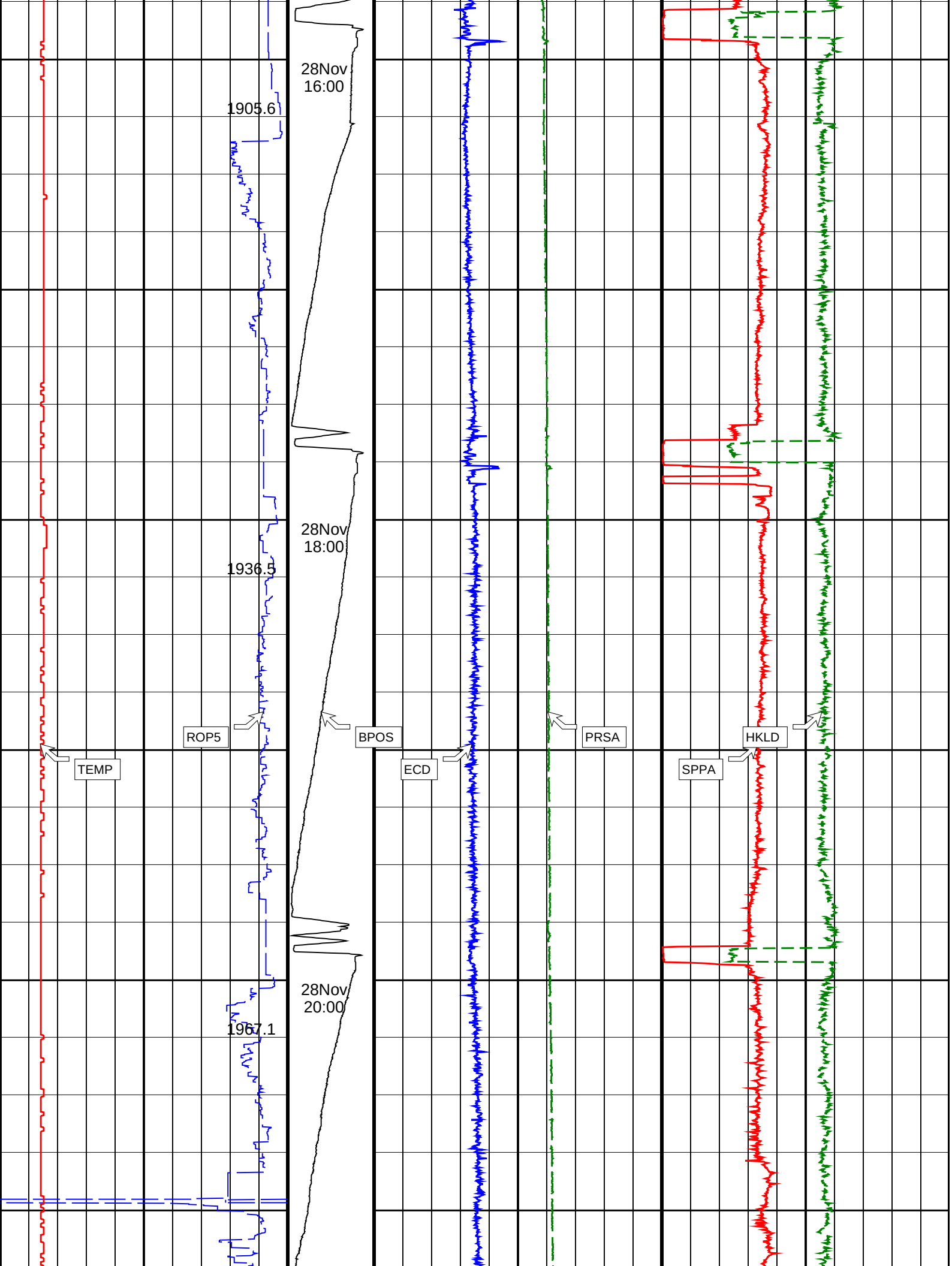
1845.2
ROP5
BPOS
TEMP
ECD
PRSA
HKLD
SPPA
28Nov
14:00
1891.0


28Nov
16:00
1905.6
28Nov
18:00
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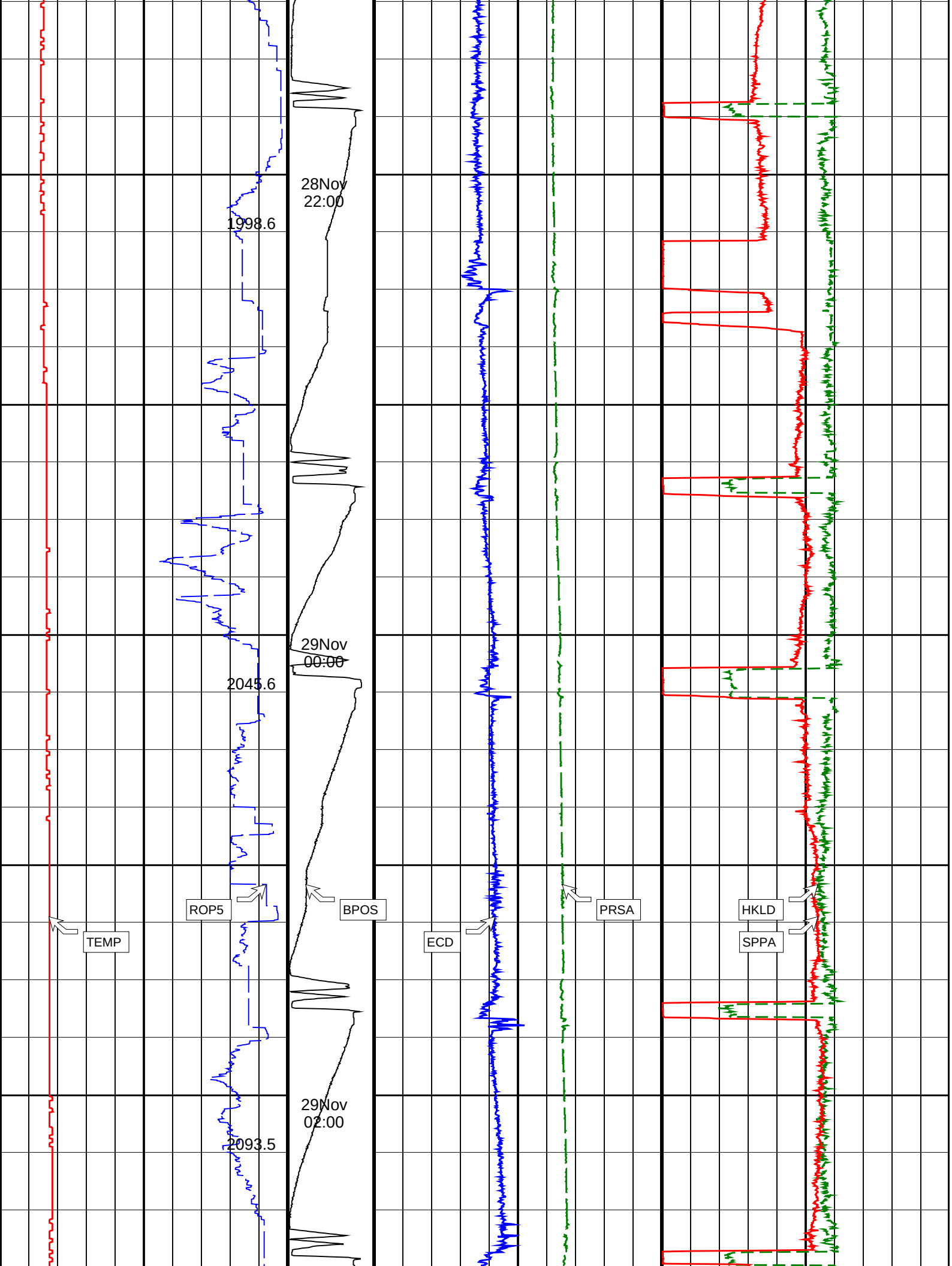
28Nov
20:00
1967.1
TEMP
ROP5
BPOS
ECD
PRSA
SPPA
HKLD


28Nov
22:00
1998.6
29Nov
00:00
2045.6
29Nov
02:00
2093.5
TEMP
ROP5
BPOS
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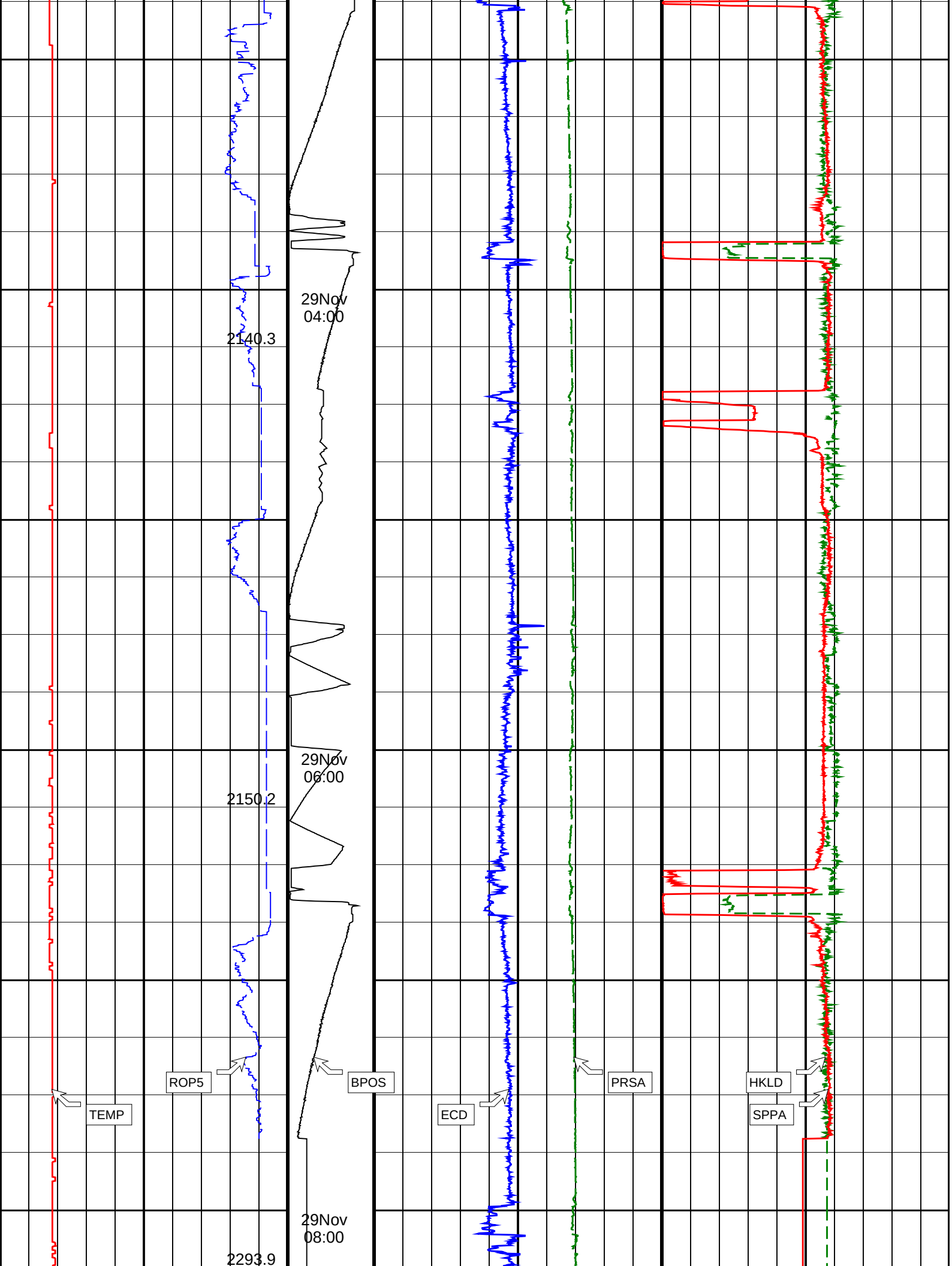
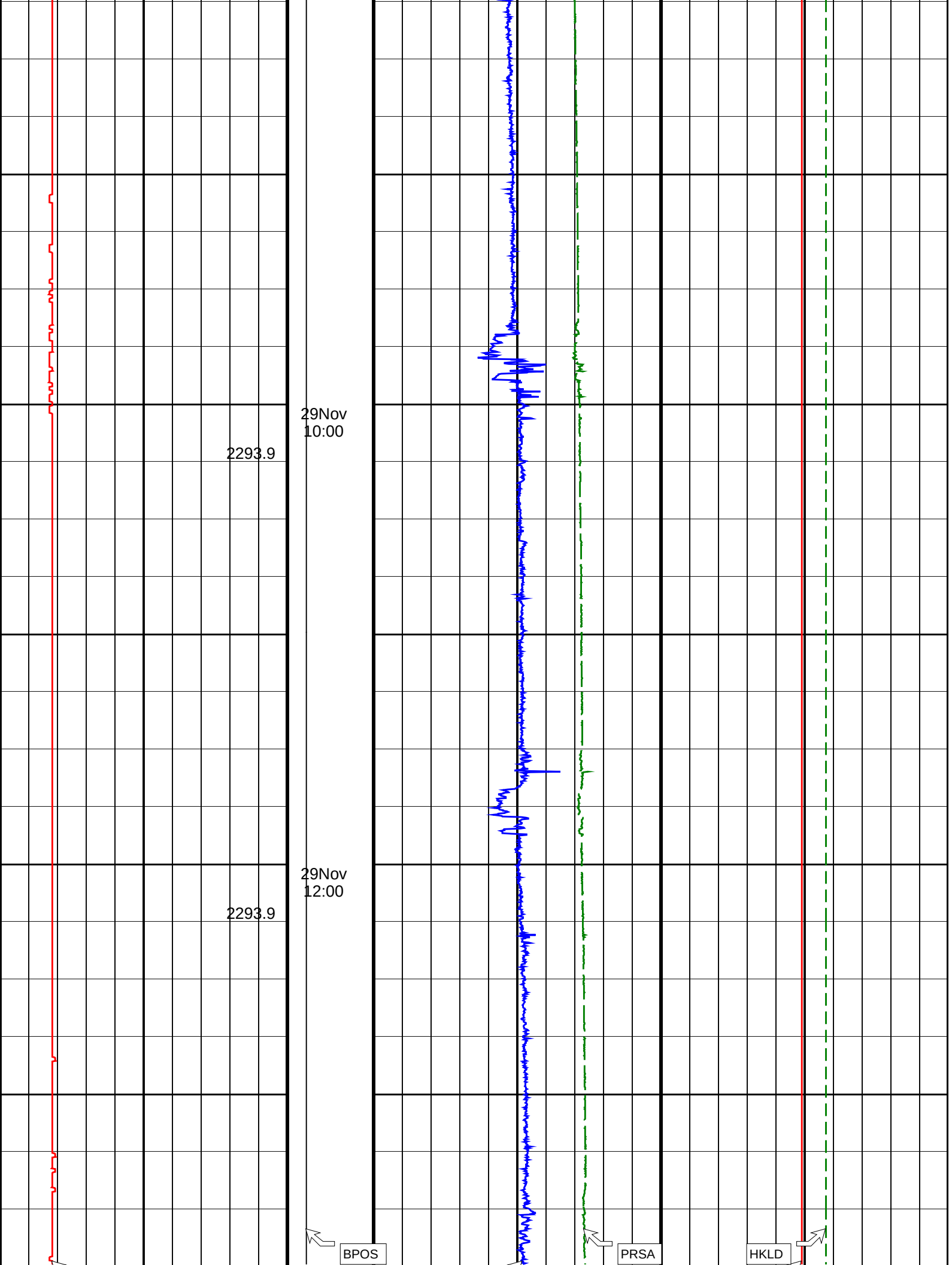
PRSA
HKLD
SPPA


29Nov
04:00
2140.3
29Nov
06:00
2150.2
29Nov
08:00
2293.9
TEMP
ROP5
BPOS
ECD
PRSA
HKLD
SPPA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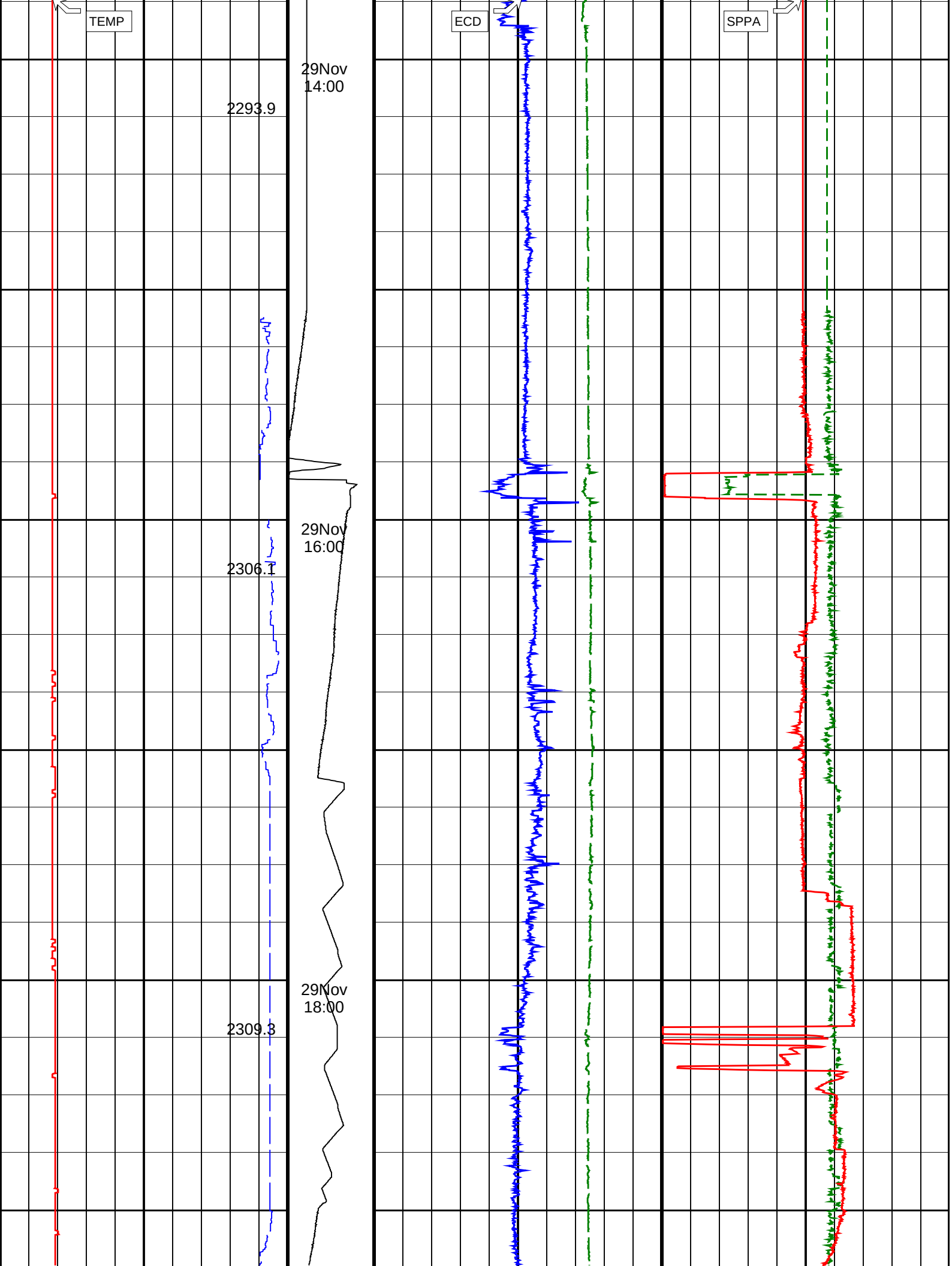
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SPPA
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29Nov
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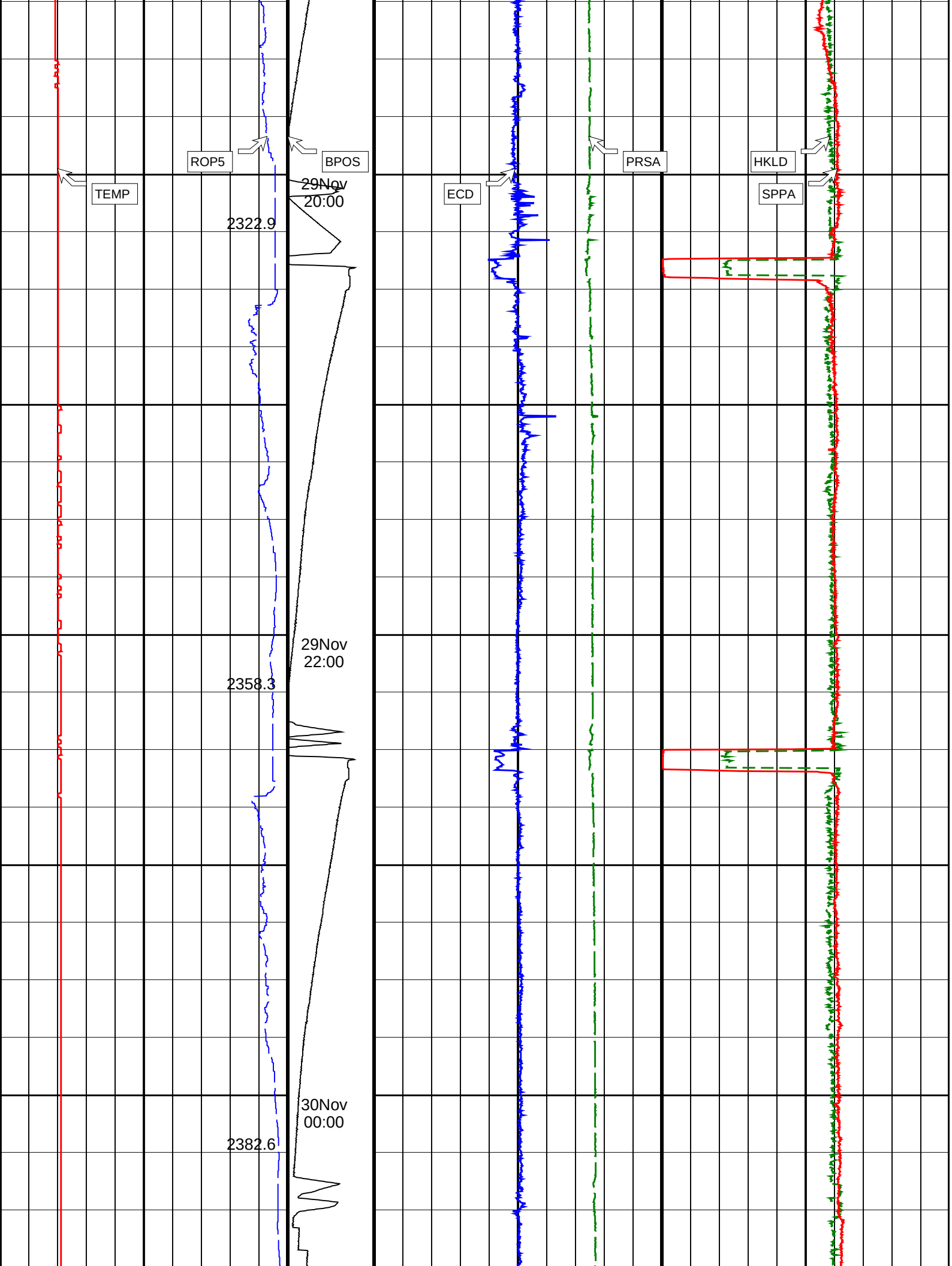
29Nov
18:00
2309.3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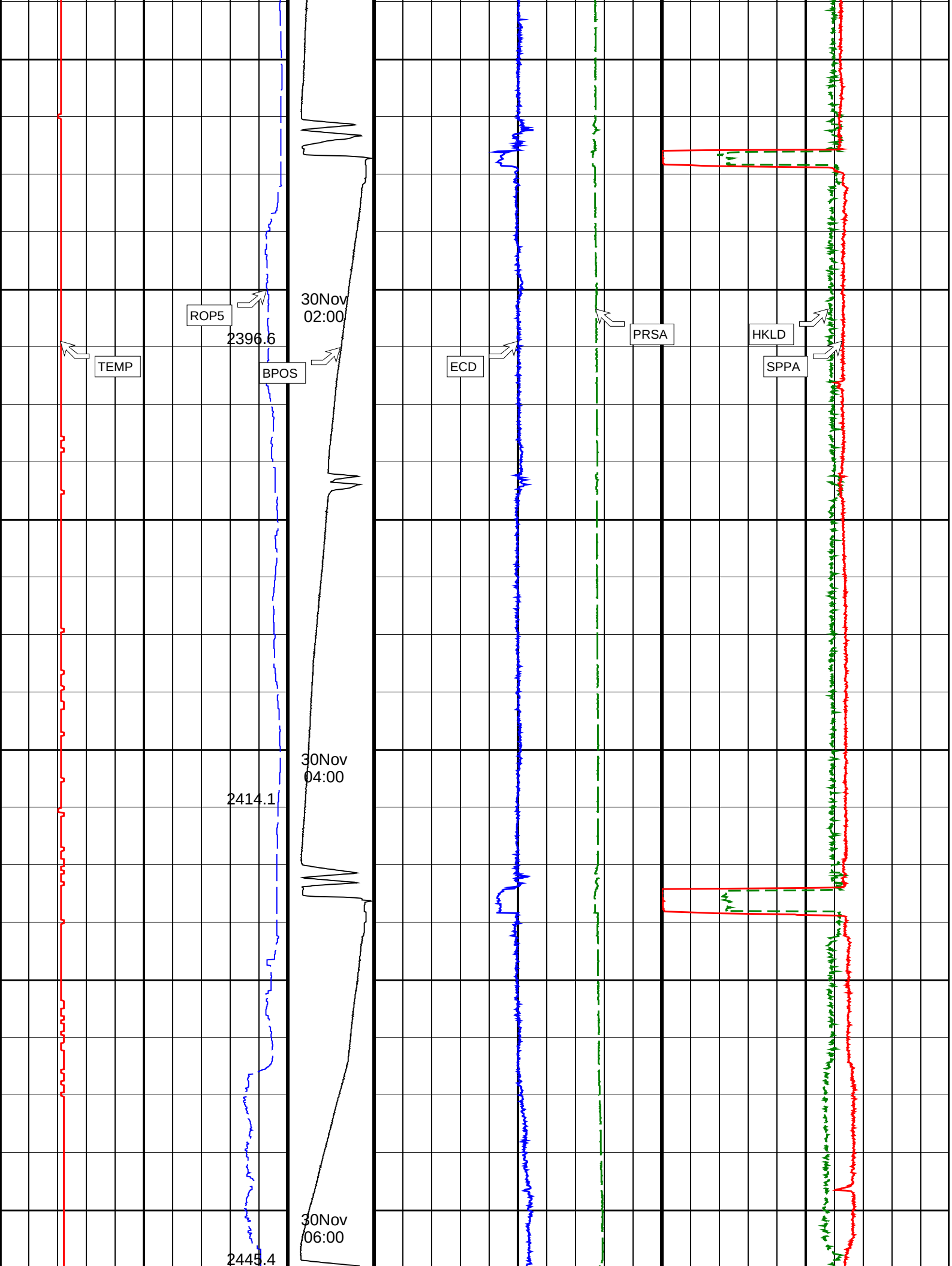
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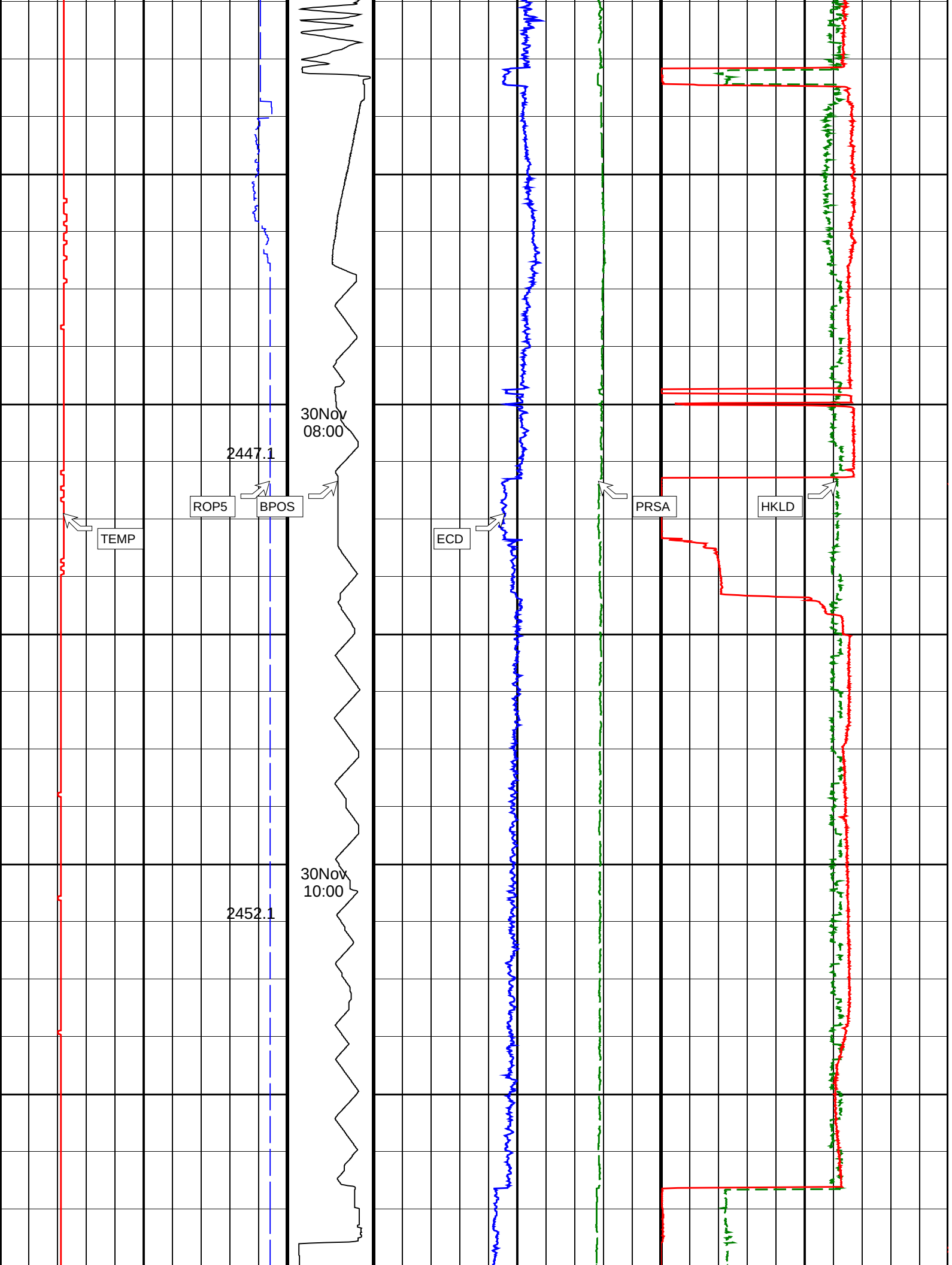
06:00
2445.4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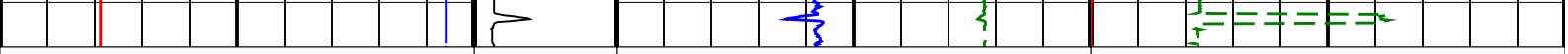
30Nov
10:00
2452.1



| Bit Depth (DEPT) (M) | Block_ position (BPOS) 0 (M) 40 | PRSA (MSP1) 0 (PSI) 5000 | Hookload (HKLD) 0 (KLBF) 500 |
|---|---|---|---|
| | | ECD (MSP3) 8.5 (LB/G) 10.5 | Stand_pipe_pressure (SPPA) 0 (PSI) 5000 |
| Rop*5 (ROP5) 200 (M/HR) 0 | | | |
| TEMP (MSP2) 0 (DEGC) 100 | | | |

# IDEAL Version: ID9_1C_01

**IDF**

| | | | |
|---|---|---|---|
| **CDR** | **id9_1c_01** | **MWD_10** | **id9_1c_01** |

9.50−in. Compensated Dual Resistivity / Equipment Identification

Primary Equipment:

| | | |
|---|---|---|
| Tool Name and Serial Number | RGS9 − AA | 9525 |
| Gamma Ray Type | Plat − GR | |
| Calibration Status | − | |

Master: 2−Oct−2004 8:36

9.50−in. Compensated Dual Resistivity Calibration

Resistivity: Air

| Phase | Attenuation down DB | Value | Phase | Attenuation up DB | Value | Phase | BHC attenuation DB | Value |
|---|---|---|---|---|---|---|---|---|
| Master | | 3.705 | Master | | 3.932 | Master | | 3.818 |
| 3.290 (Minimum) | 3.890 (Nominal) 4.490 (Maximum) | | 3.290 (Minimum) | 3.890 (Nominal) 4.490 (Maximum) | | 3.790 (Minimum) | 3.890 (Nominal) 3.990 (Maximum) | |

Master: 2−Oct−2004 8:36

9.50−in. Compensated Dual Resistivity Calibration

Resistivity: Air

| Phase | Phase shift down DEG | Value | Phase | Phase shift up DEG | Value | Phase | BHC phase shift DEG | Value |
|---|---|---|---|---|---|---|---|---|
| Master | | 0.1082 | Master | | 0.09295 | Master | | 0.1006 |
| −2.400 (Minimum) | 0.1000 (Nominal) 2.600 (Maximum) | | −2.400 (Minimum) | 0.1000 (Nominal) 2.600 (Maximum) | | −0.9000 (Minimum) | 0.1000 (Nominal) 1.100 (Maximum) | |

Master: 2−Oct−2004 7:55

9.50−in. Compensated Dual Resistivity Calibration

Gamma Ray: Blanket

| Phase | Gain | Value |
|---|---|---|
| Master | | 0.9923 |
| 0.8000 (Minimum) | 1.000 (Nominal) 1.200 (Maximum) | |

SCHLUMBERGER

Survey report

Client.....: SANTOS − INPEX − UNOCAL
Field.....: Amrit

Well.....: Amrit−1 Spud date.....: 20−Nov−2004
API number.....: Last survey date.....: 07−Dec−04
Engineer.....: D.Borges, L.Watson, O.Radicevic Total accepted surveys...: 44
MD of first survey.....: 0.00 m
RIG:.....: Jack Bates MD of last survey.....: 2979.00 m
STATE:.....: Victoria

−−−−− Survey calculation methods−−−−−−−−−−−− −−−−− Geomagnetic data −−−-
Method for positions.....: Minimum curvature Magnetic model.....: BGGM version 2004
Method for DLS.....: Mason & Taylor Magnetic date.....: 20−Nov−2004

Method for DLS..... Mason & Taylor Magnetic date..... 26 Nov 2004
Magnetic field strength..: 1221.99 HCNT
----- Depth reference ----------  Magnetic dec (+E/W-).....:
Permanent datum.....: LAT  Magnetic dip.....: -70.25 degrees
Depth reference.....: Driller's Pipe Tally
GL above permanent.....: -1396.00 m  ----- MWD survey Reference Criteria ----
KB above permanent.....: Top Drive  Reference G.....: 1000.09 mGal
DF above permanent.....: 29.00 m  Reference H.....: 1221.99 HCNT
Reference Dip.....: -70.25 degrees
----- Vertical section origin----------  Tolerance of G.....: (+/-)
Latitude (+N/S-).....: 0.00 m  Tolerance of H.....: (+/-) 6.00 HCNT
Departure (+E/W-).....: 0.00 m  Tolerance of Dip.....: (+/-) 0.45 degrees

----- Platform reference point----------  ----- Corrections -----
Latitude (+N/S-).....: 0.00 m  Magnetic dec (+E/W-).....: 10.48 degrees
Departure (+E/W-).....: 0.00 m  Grid convergence (+E/W-).: -0.46 degrees
Total az corr (+E/W-)....: 10.94 degrees
Azimuth from Vsect Origin to target: 0.00 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

[(c)2004 IDEAL ID9_1C_01]
SCHLUMBERGER Survey Report

| 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 | Corr (deg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | TIP | None | |
| 2 | 1425.49 | 0.59 | 234.33 | 1425.49 | 1425.46 | -4.28 | -4.28 | -5.96 | 7.34 | 234.33 | 0.00 | MWD | None |
| 3 | 1454.01 | 1.07 | 295.89 | 28.52 | 1453.98 | -4.25 | -4.25 | -6.32 | 7.62 | 236.09 | 0.33 | MWD | None |
| 4 | 1487.29 | 0.97 | 129.33 | 33.28 | 1487.26 | -4.29 | -4.29 | -6.38 | 7.69 | 236.08 | 0.61 | MWD | None |
| 5 | 1510.95 | 0.86 | 56.64 | 23.66 | 1510.92 | -4.32 | -4.32 | -6.08 | 7.46 | 234.60 | 0.46 | MWD | None |
| 6 | 1539.34 | 0.80 | 303.78 | 28.39 | 1539.31 | -4.09 | -4.09 | -6.07 | 7.32 | 235.99 | 0.49 | MWD | None |
| 7 | 1568.02 | 0.85 | 315.97 | 28.68 | 1567.98 | -3.83 | -3.83 | -6.38 | 7.44 | 239.03 | 0.06 | MWD | None |
| 8 | 1595.59 | 0.53 | 308.57 | 27.57 | 1595.55 | -3.60 | -3.60 | -6.62 | 7.54 | 241.45 | 0.12 | MWD | None |
| 9 | 1624.12 | 0.56 | 304.38 | 28.53 | 1624.08 | -3.44 | -3.44 | -6.84 | 7.66 | 243.29 | 0.02 | MWD | None |
| 10 | 1653.18 | 0.34 | 298.89 | 29.06 | 1653.14 | -3.32 | -3.32 | -7.03 | 7.78 | 244.73 | 0.08 | MWD | None |
| 11 | 1681.34 | 0.26 | 305.03 | 28.16 | 1681.30 | -3.24 | -3.24 | -7.16 | 7.86 | 245.63 | 0.03 | MWD | None |
| 12 | 1709.52 | 0.31 | 319.56 | 28.18 | 1709.48 | -3.15 | -3.15 | -7.26 | 7.91 | 246.56 | 0.03 | MWD | None |
| 13 | 1737.89 | 0.40 | 311.67 | 28.37 | 1737.85 | -3.02 | -3.02 | -7.38 | 7.98 | 247.73 | 0.04 | MWD | None |
| 14 | 1766.33 | 0.35 | 299.78 | 28.44 | 1766.29 | -2.92 | -2.92 | -7.53 | 8.08 | 248.85 | 0.03 | MWD | None |
| 15 | 1809.32 | 0.26 | 261.27 | 42.99 | 1809.28 | -2.86 | -2.86 | -7.74 | 8.26 | 249.70 | 0.05 | MWD | None |
| 16 | 1849.73 | 0.23 | 231.00 | 40.41 | 1849.69 | -2.93 | -2.93 | -7.90 | 8.42 | 249.65 | 0.03 | MWD | None |
| 17 | 1878.02 | 0.37 | 193.70 | 28.29 | 1877.98 | -3.05 | -3.05 | -7.96 | 8.53 | 249.02 | 0.08 | MWD | None |
| 18 | 1908.10 | 0.34 | 223.98 | 30.08 | 1908.06 | -3.21 | -3.21 | -8.05 | 8.67 | 248.24 | 0.06 | MWD | None |
| 19 | 1935.76 | 0.18 | 265.57 | 27.66 | 1935.72 | -3.28 | -3.28 | -8.15 | 8.78 | 248.11 | 0.09 | MWD | None |
| 20 | 1963.97 | 0.17 | 252.91 | 28.21 | 1963.92 | -3.29 | -3.29 | -8.23 | 8.87 | 248.21 | 0.01 | MWD | None |
| 21 | 1991.95 | 0.12 | 204.40 | 27.98 | 1991.90 | -3.33 | -3.33 | -8.29 | 8.93 | 248.11 | 0.05 | MWD | None |
| 22 | 2020.87 | 0.20 | 231.00 | 28.92 | 2020.82 | -3.39 | -3.39 | -8.34 | 9.00 | 247.88 | 0.04 | MWD | None |
| 23 | 2049.42 | 0.23 | 223.20 | 28.55 | 2049.37 | -3.46 | -3.46 | -8.41 | 9.10 | 247.64 | 0.01 | MWD | None |
| 24 | 2077.78 | 0.26 | 214.74 | 28.36 | 2077.73 | -3.56 | -3.56 | -8.49 | 9.21 | 247.27 | 0.02 | MWD | None |
| 25 | 2105.32 | 0.33 | 183.75 | 27.54 | 2105.27 | -3.69 | -3.69 | -8.53 | 9.29 | 246.63 | 0.06 | MWD | None |
| 26 | 2134.71 | 0.29 | 176.46 | 29.39 | 2134.66 | -3.85 | -3.85 | -8.53 | 9.36 | 245.74 | 0.02 | MWD | None |
| 27 | 2162.92 | 0.22 | 203.34 | 28.21 | 2162.87 | -3.97 | -3.97 | -8.55 | 9.42 | 245.11 | 0.05 | MWD | None |
| 28 | 2192.60 | 0.14 | 180.37 | 29.68 | 2192.55 | -4.06 | -4.06 | -8.57 | 9.48 | 244.68 | 0.04 | MWD | None |
| 29 | 2220.68 | 0.29 | 203.20 | 28.08 | 2220.63 | -4.15 | -4.15 | -8.60 | 9.55 | 244.21 | 0.06 | MWD | None |
| 30 | 2248.46 | 0.15 | 220.05 | 27.78 | 2248.41 | -4.25 | -4.25 | -8.65 | 9.64 | 243.85 | 0.05 | MWD | None |
| 31 | 2277.42 | 0.31 | 183.89 | 28.96 | 2277.37 | -4.35 | -4.35 | -8.68 | 9.71 | 243.36 | 0.07 | MWD | None |
| 32 | 2306.21 | 0.34 | 216.07 | 28.79 | 2306.16 | -4.50 | -4.50 | -8.74 | 9.83 | 242.74 | 0.06 | MWD | None |
| 33 | 2334.13 | 0.40 | 185.07 | 27.92 | 2334.08 | -4.67 | -4.67 | -8.79 | 9.95 | 242.05 | 0.07 | MWD | None |
| 34 | 2361.66 | 0.37 | 221.08 | 27.53 | 2361.61 | -4.83 | -4.83 | -8.86 | 10.09 | 241.42 | 0.09 | MWD | None |
| 35 | 2390.55 | 0.33 | 232.85 | 28.89 | 2390.50 | -4.95 | -4.95 | -8.99 | 10.26 | 241.17 | 0.03 | MWD | None |
| 36 | 2419.57 | 0.32 | 200.20 | 29.02 | 2419.52 | -5.08 | -5.08 | -9.08 | 10.40 | 240.81 | 0.06 | MWD | None |
| 37 | 2433.15 | 0.24 | 208.59 | 13.58 | 2433.10 | -5.14 | -5.14 | -9.11 | 10.46 | 240.59 | 0.07 | MWD | None |
| 38 | 2476.28 | 0.50 | 232.35 | 43.13 | 2476.23 | -5.33 | -5.33 | -9.30 | 10.72 | 240.19 | 0.07 | MWD | None |
| 39 | 2534.29 | 0.33 | 216.60 | 58.01 | 2534.24 | -5.62 | -5.62 | -9.60 | 11.13 | 239.67 | 0.04 | MWD | None |
| 40 | 2649.13 | 0.37 | 195.11 | 114.84 | 2649.07 | -6.24 | -6.24 | -9.90 | 11.70 | 237.76 | 0.01 | MWD | None |
| 41 | 2762.85 | 0.23 | 199.79 | 113.72 | 2762.79 | -6.81 | -6.81 | -10.07 | 12.16 | 235.92 | 0.01 | MWD | None |
| 42 | 2878.16 | 0.23 | 190.81 | 115.31 | 2878.10 | -7.26 | -7.26 | -10.19 | 12.51 | 234.55 | 0.00 | MWD | None |
| 43 | 2950.00 | 0.26 | 140.59 | 71.84 | 2949.94 | -7.52 | -7.52 | -10.11 | 12.61 | 233.35 | 0.03 | MWD | None |
| 44 | 2979.00 | 0.26 | 140.59 | 29.00 | 2978.94 | -7.63 | -7.63 | -10.03 | 12.60 | 232.76 | 0.00 | Proj. to TD | |

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| | |
|---|---|
| Company: | **SANTOS − INPEX − UNOCAL** |
| Well: | **Amrit−1** |
| Field: | **Exploration** |
| Rig: | **Jack Bates** |
| State: | **Victoria** |

Schlumberger

**VIC−P−52**

**PERFORM − APWD**
**Time Based − 2" per 3600’**
**Recorded Mode Data**