Rig : Crane / Prod#4

Schlumberger

Company: **Esso Australia Ltd.**

Well: **A−12a**
Field: **Flounder**
Rig : **Crane / Prod#4** Country: **Australia**

RST−C Static Sigma Survey
WPP 2 1/8" Powerjet Perforating Record
MPBT 7" Posiset Plug

Company: Esso Australia Ltd. | Well: A−12a | Location: Gippsland | Field: Flounder

LOCATION

| | | | |
|---|---|---|---|
| Gippsland | | Elev.: K.B. | 33.85 m |
| Basin | | G.L. | −93 m |
| Bass Strait | | D.F. | 33.2 m |
| Permanent Datum: | M.S.L | Elev.: | 0 m |
| Log Measured From: | K.B | 33.8 m | above Perm. Datum |
| Drilling Measured From: | K.B | | |

| State: | Max. Well Deviation | Longitude | Latitude |
|---|---|---|---|
| Victoria | 54 deg | 148 26'22.833" E | 038 18'39.173" S |

| | | | | | | |
|---|---|---|---|---|---|---|
| Logging Date | | 29−Aug−2006 | | | | |
| Run Number | | One | | | | |
| Depth Driller | | 2817 m | | | | |
| Schlumberger Depth | | 2817 m | | | | |
| Bottom Log Interval | | 2817 m | | | | |
| Top Log Interval | | 2780 m | | | | |
| Casing Fluid Type | | Production Fluids | | | | |
| Salinity | | | | | | |
| Density | | | | | | |
| Fluid Level | | 919 m | | | | |
| BIT/CASING/TUBING STRING | | | | | | |
| Bit Size | | 8.500 in | | | | |
| From | | | | | | |
| To | | | | | | |
| Casing/Tubing Size | | 7.000 in | | | | |
| Weight | | 26 lbm/ft | | | | |
| Grade | | LT&C | | | | |
| From | | 12.79 m | | | | |
| To | | 2902.08 m | | | | |
| Maximum Recorded Temperatures | | 231 degF | | | | |
| Logger On Bottom | Time | 29−Aug−2006 | 11:45 | | | |
| Unit Number | Location | LEE001 | Prod#4 / Vea | | | |
| Recorded By | | G Wright / S Gilbert. | | | | |
| Witnessed By | | B White. | | | | |

| | | Run 1 |
|---|---|---|
| PVT DATA | Oil Density | |
| | Water Salinity | |
| | Gas Gravity | |
| | Bo | |
| | Bw | |
| | 1/Bg | |
| | Bubble Point Pressure | |
| | Bubble Point Temperature | |
| Solution GOR | | |
| Maximum Deviation | | 54 deg |
| CEMENTING DATA | | |
| Primary/Squeeze | | Primary |
| Casing String No | | |
| Lead Cement Type | | |
| Volume | | |
| Density | | |
| Water Loss | | |
| Additives | | |
| | | |
| Tail Cement Type | | |
| Volume | | |
| Density | | |
| Water Loss | | |
| Additives | | |
| | | |
| Expected Cement Top | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Logging Date | | | | | | |
| Run Number | | | | | | |
| Depth Driller | | | | | | |
| Schlumberger Depth | | | | | | |
| Bottom Log Interval | | | | | | |
| Top Log Interval | | | | | | |
| Casing Fluid Type | | | | | | |
| Salinity | | | | | | |
| Density | | | | | | |
| Fluid Level | | | | | | |
| BIT/CASING/TUBING STRING | | | | | | |
| Bit Size | | | | | | |
| From | | | | | | |
| To | | | | | | |
| Casing/Tubing Size | | | | | | |
| Weight | | | | | | |
| Grade | | | | | | |
| From | | | | | | |
| To | | | | | | |
| Maximum Recorded Temperatures | | | | | | |
| Logger On Bottom | Time | | | | | |
| Unit Number | Location | | | | | |
| Recorded By | | | | | | |
| Witnessed By | | | | | | |

# DEPTH SUMMARY LISTING

Date Created: 7−AUG−2006 12:52:54

## Depth System Equipment

| Depth Measuring Device | | Tension Device | | Logging Cable | |
|---|---|---|---|---|---|
| Type: | IDW−H | Type: | CMTD−C | Type: | 2−32ZT |
| Serial Number: | 797 | Serial Number: | 1037 | Serial Number: | 26087 |
| Calibration Date: | 1−May−2006 | Calibration Date: | 7−Aug−2006 | Length: | 6900.06 M |
| Calibrator Serial Number: | 1009 | Calibrator Serial Number: | 1174 | | |
| Calibration Cable Type: | 2−32ZT | Calibration Gain: | 1.10 | Conveyance Method: | Wireline |
| Wheel Correction 1: | −3 | Calibration Offset: | 325.00 | Rig Type: | Offshore_Mobile |
| Wheel Correction 2: | −3 | | | | |

## Depth Control Parameters

| | |
|---|---|
| Log Sequence: | Subsequent Trip To the Well |
| Reference Log Name: | Solar Log |
| Reference Log Run Number: | 1 |
| Reference Log Date: | 12−Mar−2005 |

## Depth Control Remarks

1. Correlated to Solar Log provided by client.
2. IDW used as primary depth control.
3. Z−Chart used as secondary depth control.
4.
5.
6.



OTHER SERVICES1
OS1: None
OS2:
OS3:
OS4:
OS5:

REMARKS: RUN NUMBER 1

Log correlated to ExxonMobil Solar composite dated 12−Mar−2005.

Maximum well deviation = 54 degrees at 748m MDKB.

Objectives:Three static up pass performed at 900 ft/hr from HUD @ 2817m MDKB to 2775m MDKB . Perforate well @ 2801m MDKB to 2802m MDKB using 1m of 6spf 45 deg phased 2 1/8" powerjet . Set MPBT 7" Posiset Plug @ 2807.5m MBKD With 1m of cement on top .

SBHP: 3270 psia SBHT: 231 degf

RST Sigma pass # 1 had a telemetry error at 2798m − 2800m MDKB .

No pressure / temperature data was collected after the gun was fired due to
a software problem .
CCL to top Shot : 7m

Crew : John Light & Jake Annear.

RUN 1

SERVICE ORDER #: AUSL06336247
PROGRAM VERSION: 14C0−302
FLUID LEVEL: 919 m

| LOGGED INTERVAL | START | STOP |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |

| LOGGED INTERVAL | START | STOP |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |

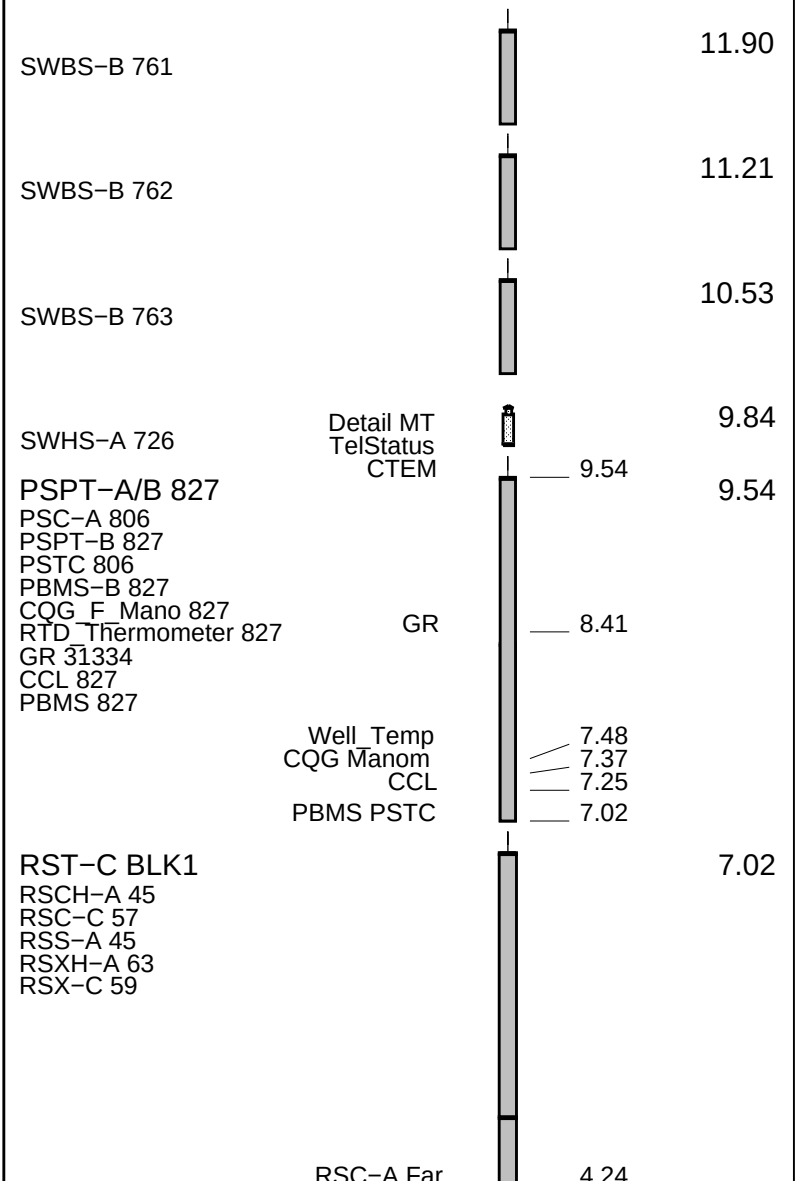
# EQUIPMENT DESCRIPTION

## RUN 1

### SURFACE EQUIPMENT

WITM−A 1

### DOWNHOLE EQUIPMENT

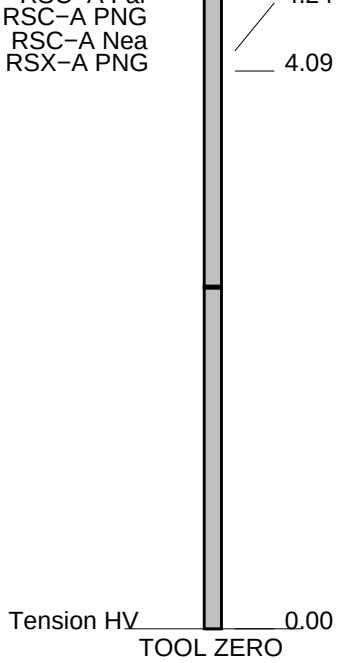



## RUN 2

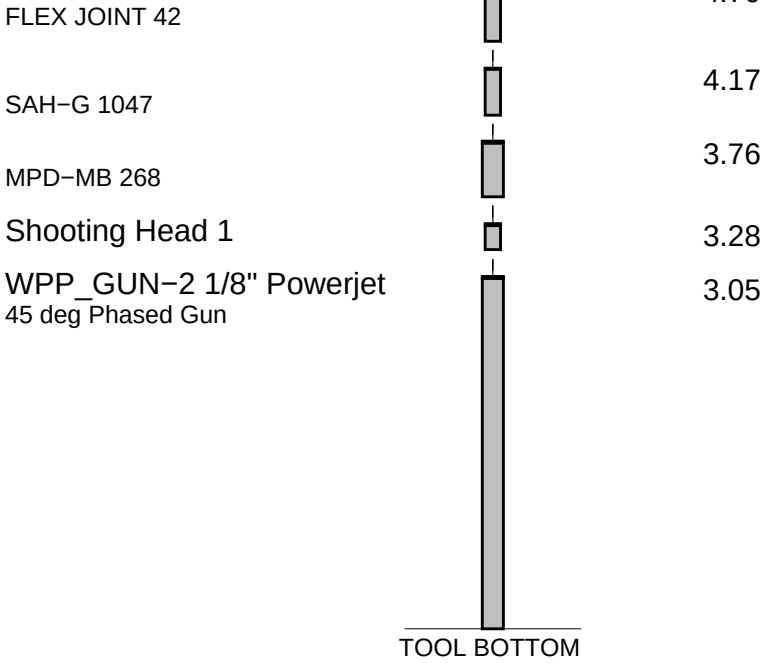
### SURFACE EQUIPMENT

No SHM
WITM−A
PSC_16MHZ 6

### DOWNHOLE EQUIPMENT

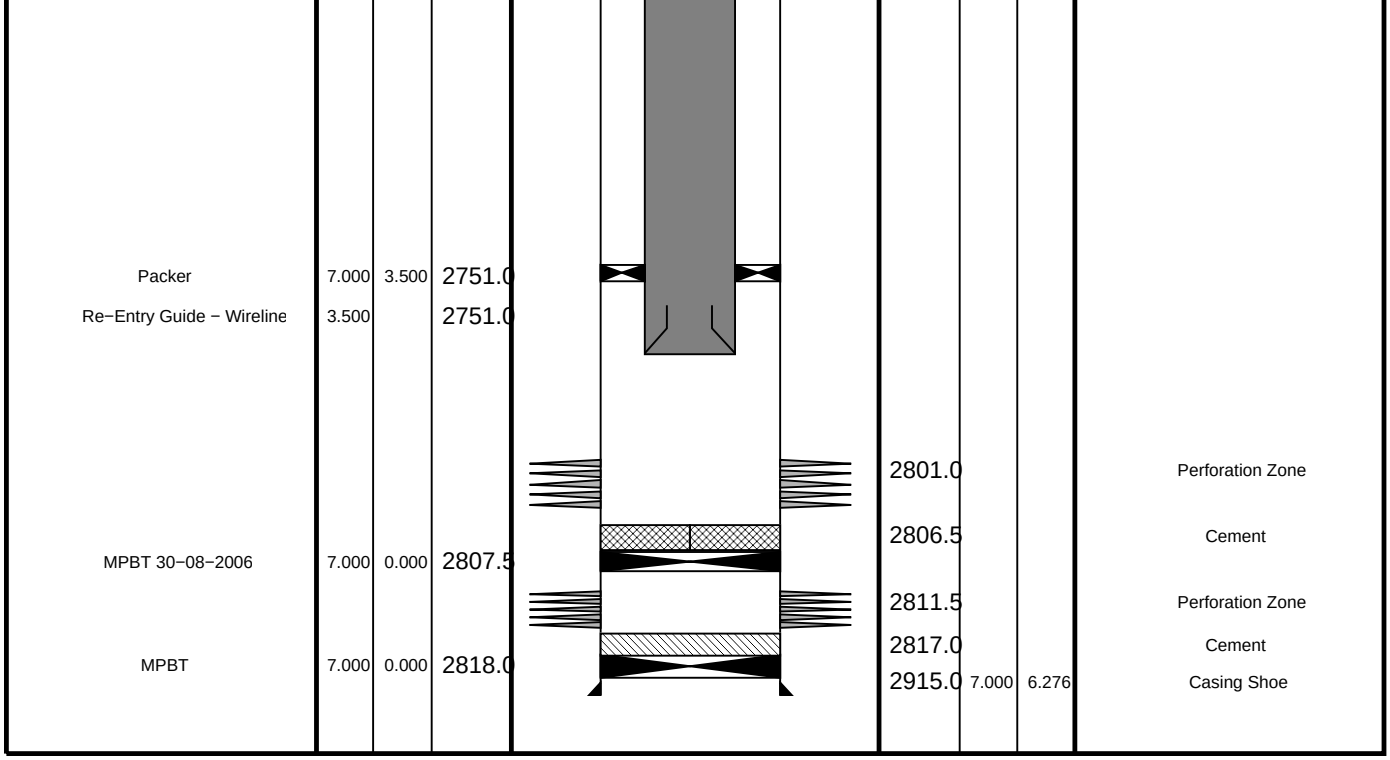



MAXIMUM STRING DIAMETER 1.72 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS




MAXIMUM STRING DIAMETER 2.13 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

| Production String | (in) OD | (in) ID | (m) MD | Well Schematic | (m) MD | (in) OD | (in) ID | Casing String |
|---|---|---|---|---|---|---|---|---|
| Tubing Hanger | 3.500 | 3.500 | 12.2 | | 12.7 | 7.000 | 10.050 | Casing String |
| | | | | | 12.7 | 10.750 | 7.000 | Liner Hanger |
| SSSV | 3.500 | | 450.0 | | | | | |
| Gas Lift Mandrel | 3.500 | | 894.0 | | 863.0 | 10.750 | 10.050 | Casing Shoe |
| Gas Lift Mandrel | 3.500 | | 1357.0 | | | | | |
| Gas Lift Mandrel | 3.500 | | 1549.0 | | | | | |
| Nipple | 3.500 | | 1565.0 | | | | | |




Schlumberger

# Job Events Summary

MAXIS Field Log

## Schlumberger Job Event Summary

| | Time | Elapsed Time | Depth (M) | File |
|---|---|---|---|---|
| Log Pass (up) | 29−Aug−2006 11:46 | 000:09 | 2819.7 − 2764.7 | RST_PSP_018LUP |
| Log Pass (up) | 29−Aug−2006 12:04 | 000:14 | 2819.4 − 2763.5 | RST_PSP_019LUP |
| Log Pass (up) | 29−Aug−2006 12:18 | 000:14 | 2819.1 − 2765.5 | RST_PSP_020LUP |
| Log Pass (up) | 29−Aug−2006 12:54 | 000:11 | 2819.6 − 2766.5 | RST_PSP_024LUP |
| Station Log | 29−Aug−2006 19:30 | 000:03 | 2794.0 − 0.2 | PERFO_Perfo_WPGRT_048LTP |
| Log Pass (up) | 30−Aug−2006 7:02 | 000:09 | 2815.3 − 2713.2 | Perfo_WPGRT_054LUP |
| Log Pass (down) | 30−Aug−2006 10:08 | 000:08 | 2721.4 − 2800.5 | MPBT_064LDP |
| Simulated Log | 30−Aug−2006 10:25 | 000:24 | | MPBT_065LUP |
| Log Pass (up) | 30−Aug−2006 13:22 | 000:12 | 2796.7 − 2746.2 | PERFO_074LUP |
| Log Pass (up) | 30−Aug−2006 15:00 | 000:04 | 2795.8 − 2746.2 | PERFO_078LUP |

Schlumberger

# Cement Dump Bailer

MAXIS Field Log

## Output DLIS Files

| | | | | | | |
|---|---|---|---|---|---|---|
| DEFAULT | PERFO_078LUP | FN:74 | PRODUCER | 30−Aug−2006 15:00 | 2795.8 M | 2746.2 M |

## OP System Version: 14C0−302

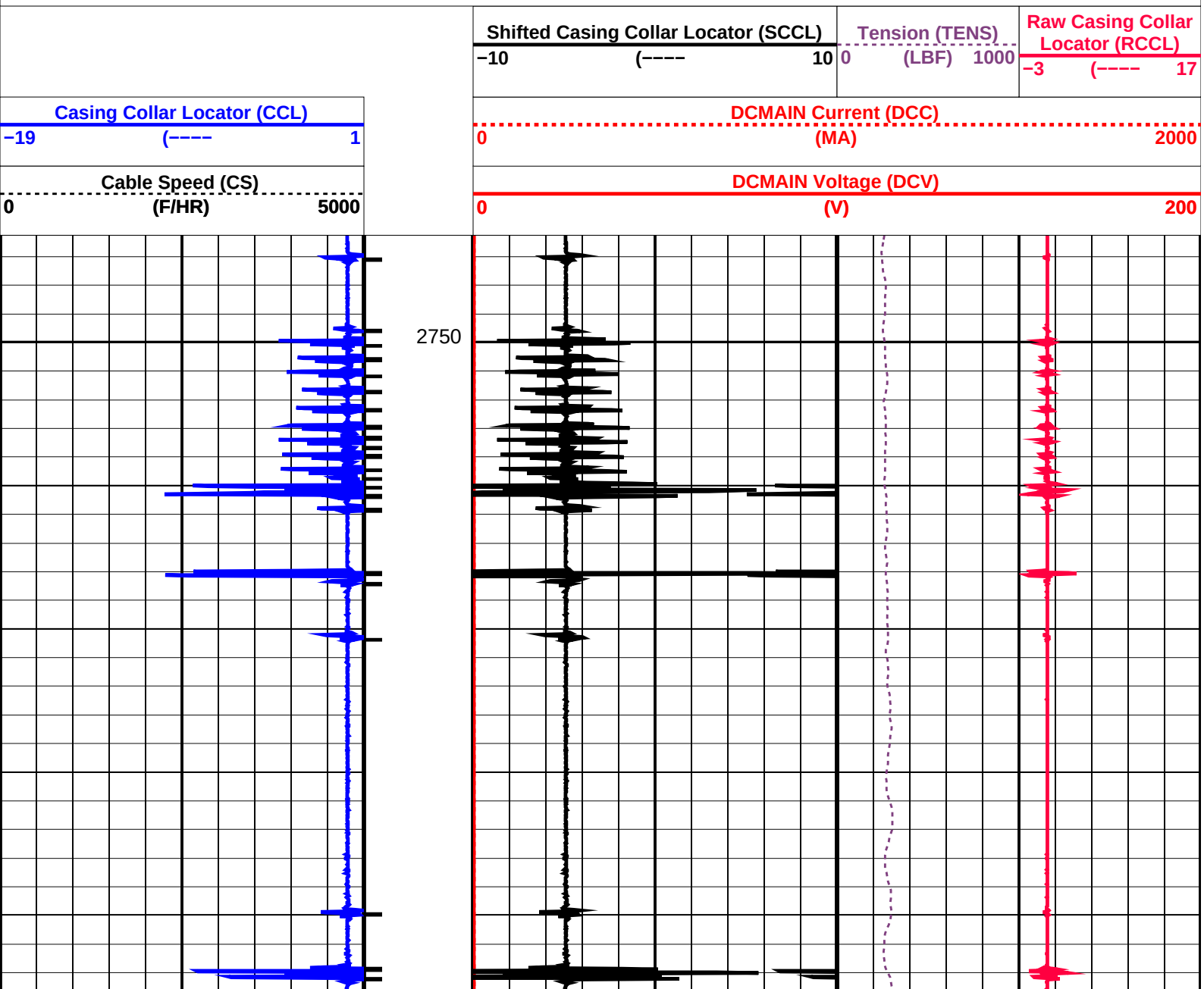
MCM

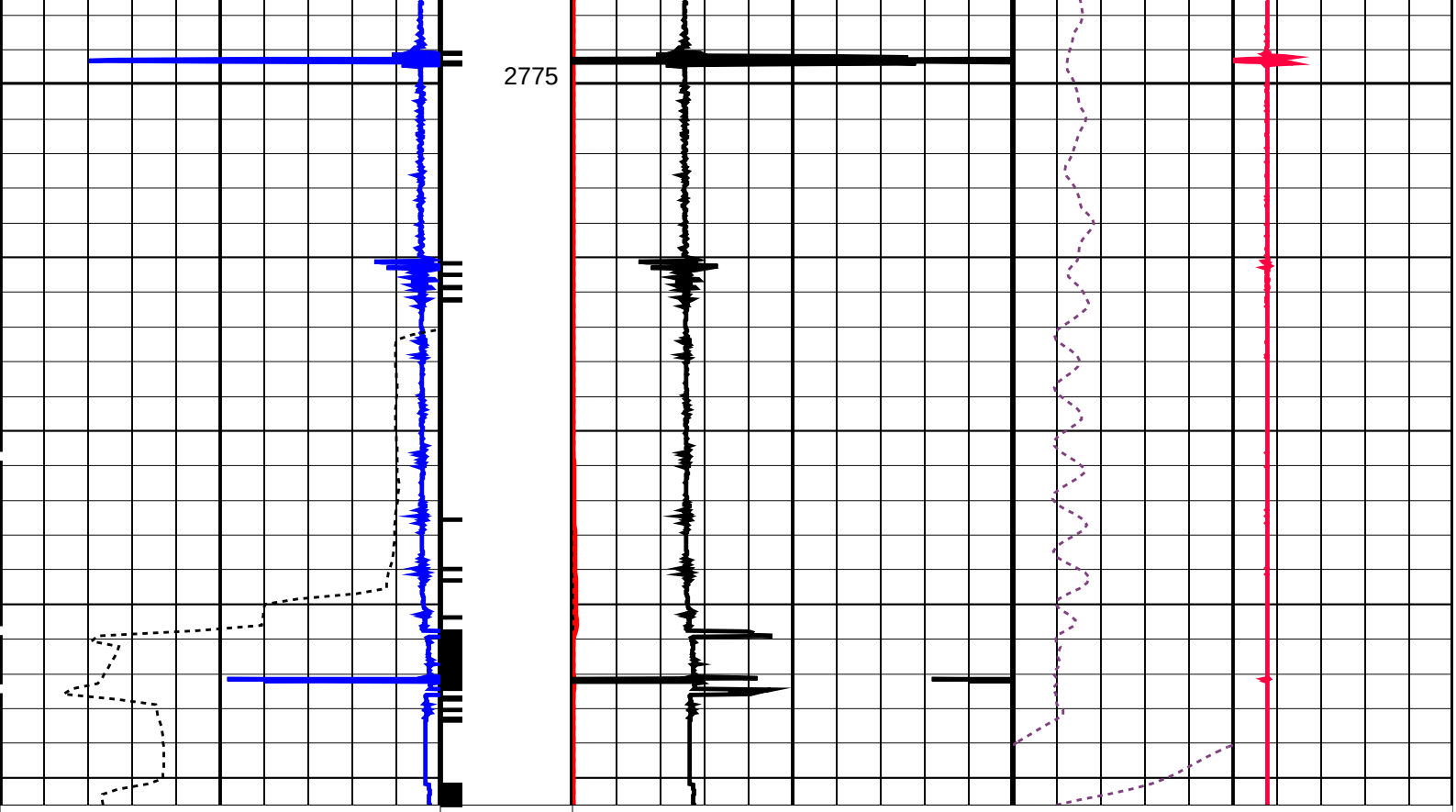
| | | | |
|---|---|---|---|
| SHM_GUN | SRC−3220−WPP−AAPS | CCL−L | 14C0−302 |

PIP SUMMARY

Casing Collars

Time Mark Every 60 S






**PIP SUMMARY**

Casing Collars

Time Mark Every 60 S

## Parameters

| DLIS Name | Description | Value | |
|---|---|---|---|
| | CCL−L: Casing Collar Locator | | |
| CCLD | CCL reset delay | 12 | IN |
| CCLT | CCL Detection Level | 0.3 | V |

Format: PERFO Vertical Scale: 1:200 Graphics File Created: 30−Aug−2006 15:00

## OP System Version: 14C0−302

MCM

| | | | |
|---|---|---|---|
| SHM_GUN | SRC−3220−WPP−AAPS | CCL−L | 14C0−302 |

## Output DLIS Files

| | | | | |
|---|---|---|---|---|
| DEFAULT | PERFO_078LUP | FN:74 | PRODUCER | 30−Aug−2006 15:00 |

Schlumberger

Water Dump Bailer

# Output DLIS Files

| DEFAULT | PERFO_074LUP | FN:71 | PRODUCER | 30−Aug−2006 13:22 | 2796.7 M | 2746.2 M |
|---|---|---|---|---|---|---|

## OP System Version: 14C0−302

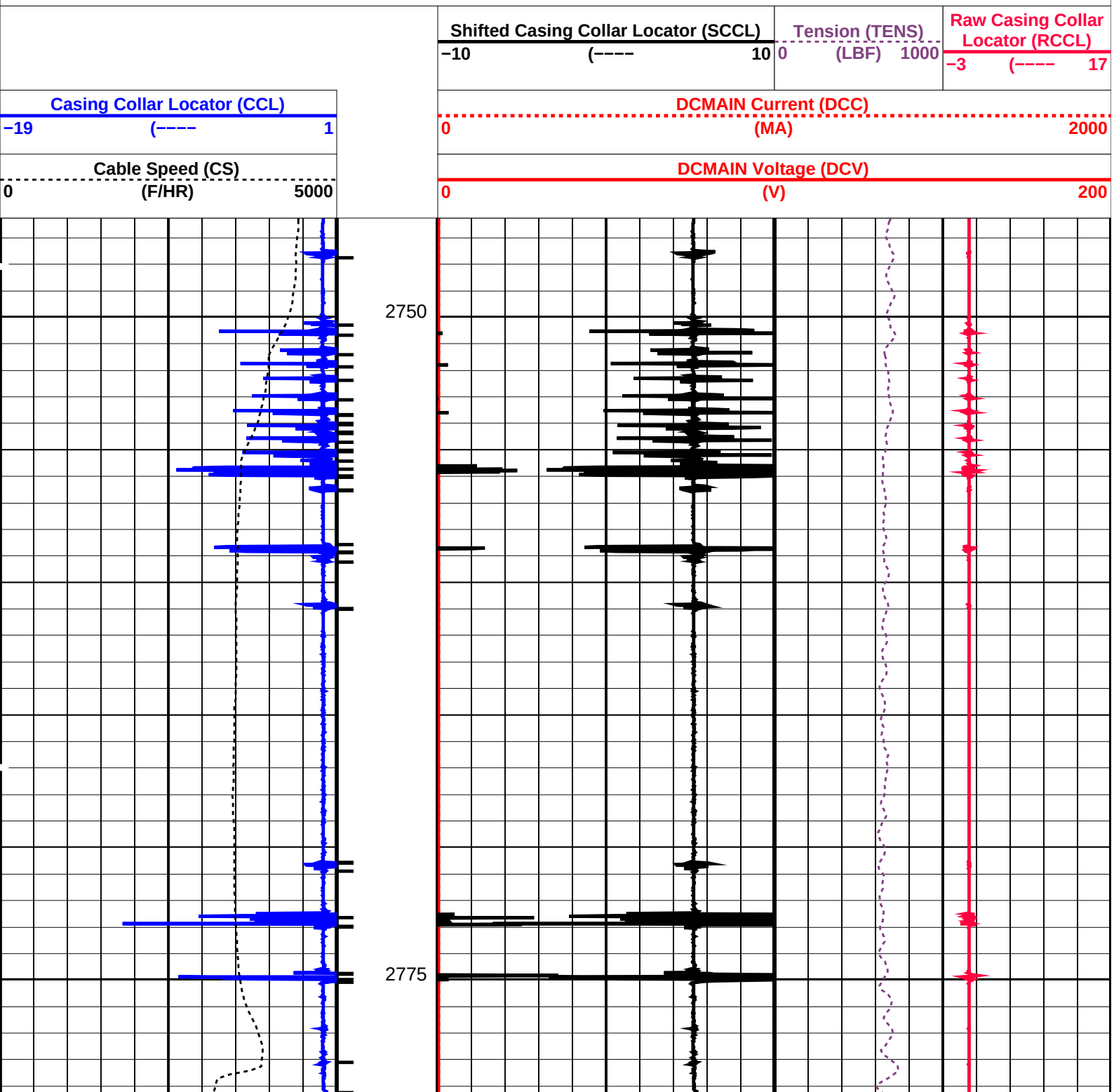
MCM

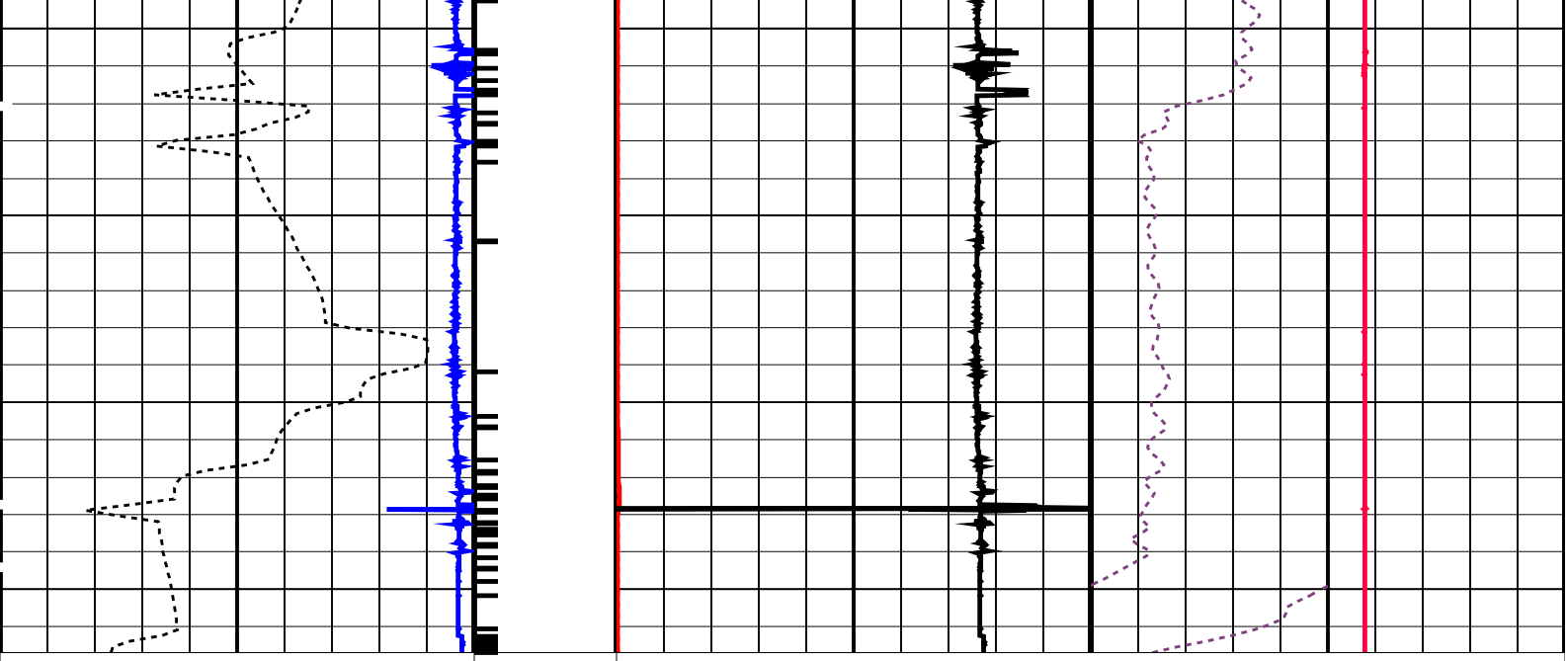
| SHM_GUN | SRC−3220−WPP−AAPS | CCL−L | 14C0−302 |
|---|---|---|---|

PIP SUMMARY

Casing Collars

Time Mark Every 60 S






PIP SUMMARY

Casing Collars

Time Mark Every 60 S

## Parameters

| DLIS Name | Description | Value | |
|---|---|---|---|
| | CCL−L: Casing Collar Locator | | |
| CCLD | CCL reset delay | 12 | IN |
| CCLT | CCL Detection Level | 0.3 | V |

Format: PERFO Vertical Scale: 1:200 Graphics File Created: 30−Aug−2006 13:22

## OP System Version: 14C0−302

MCM

| | | | |
|---|---|---|---|
| SHM_GUN | SRC−3220−WPP−AAPS | CCL−L | 14C0−302 |

## Output DLIS Files

| | | | | |
|---|---|---|---|---|
| DEFAULT | PERFO_074LUP | FN:71 | PRODUCER | 30−Aug−2006 13:22 |

Schlumberger

7" MPBT Plug
Set @ 2807.5m MDKB

MAXIS Field Log

## Output DLIS Files

DEFAULT MPBT_065LUP FN:62 PRODUCER 30-Aug-2006 10:25

# OP System Version: 14C0-302

MCM

MPEX-BA SRC-3220-WPP-AAPS MPSU-CA SRC-3220-WPP-AAPS
CCL-L 14C0-302

PIP SUMMARY

MPSU Run Time Every 1 MN
MPSU Run Time Every 10 MN
Time Mark Every 60 S

RUN Time (RTIM) (MN)

MPSU Head Voltage (HV)
200 (V) 300

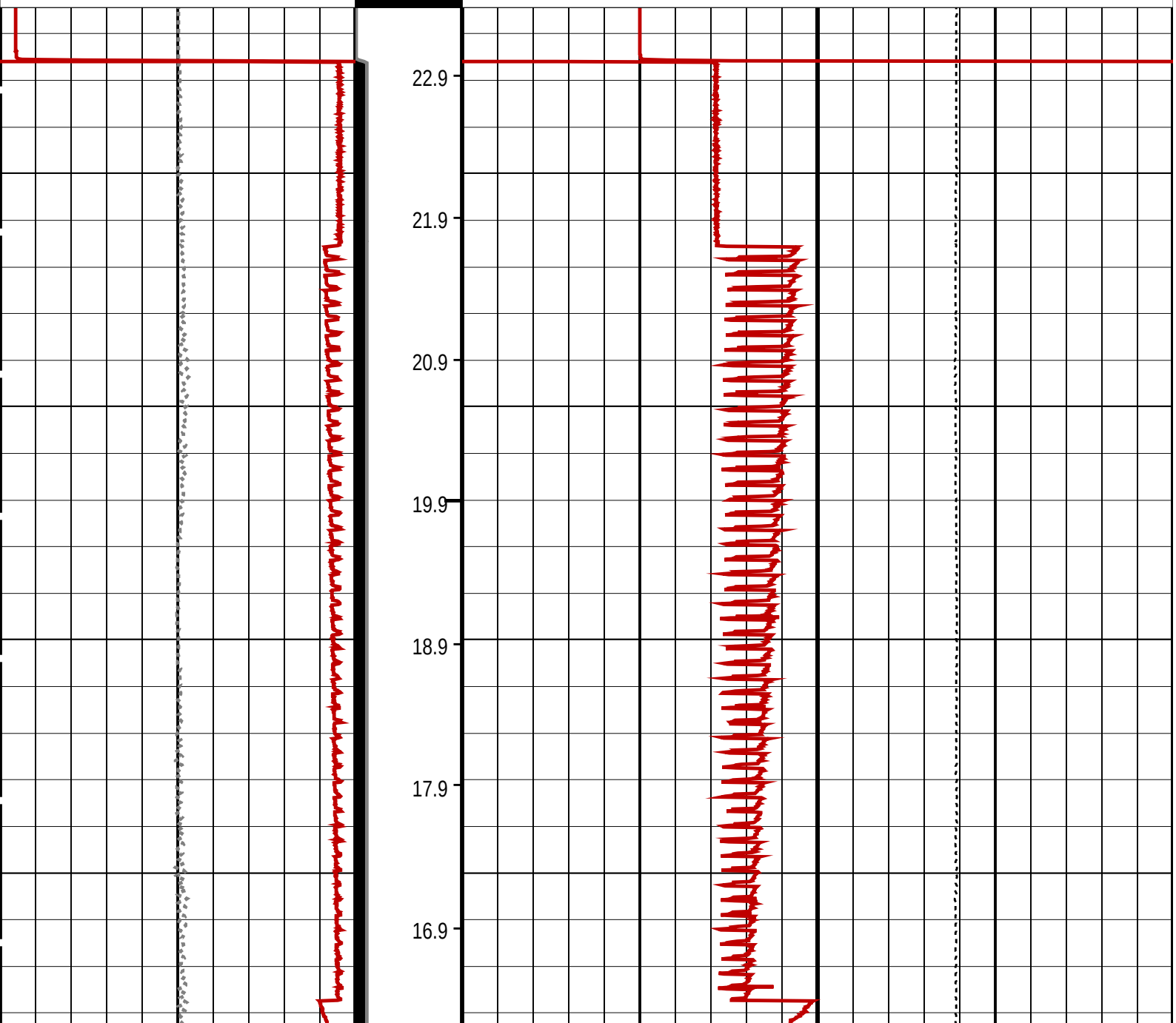
MPSU Run Status (STAT)
0 (----10

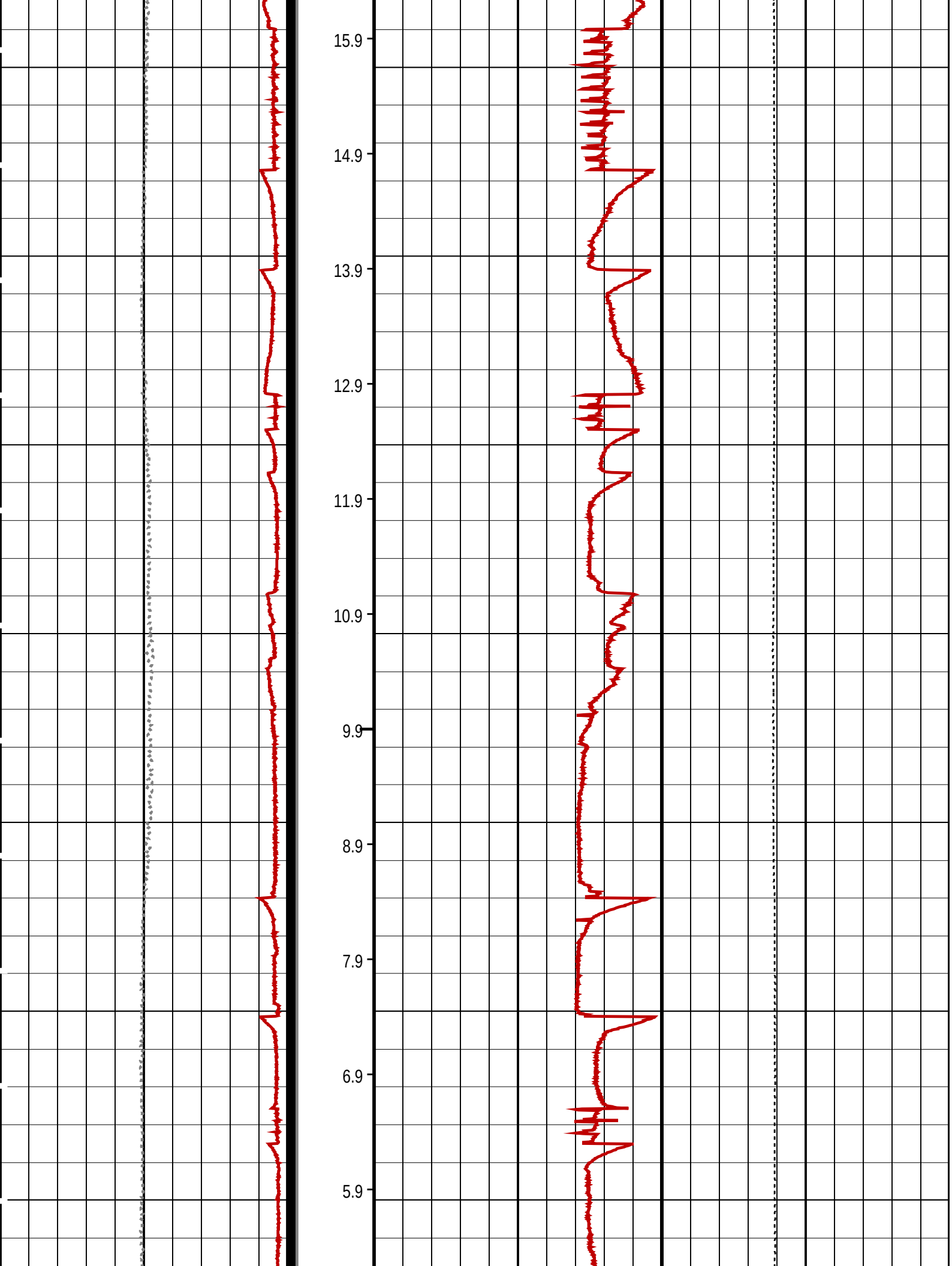
Tension (TENS)
2000 (LBF) 0

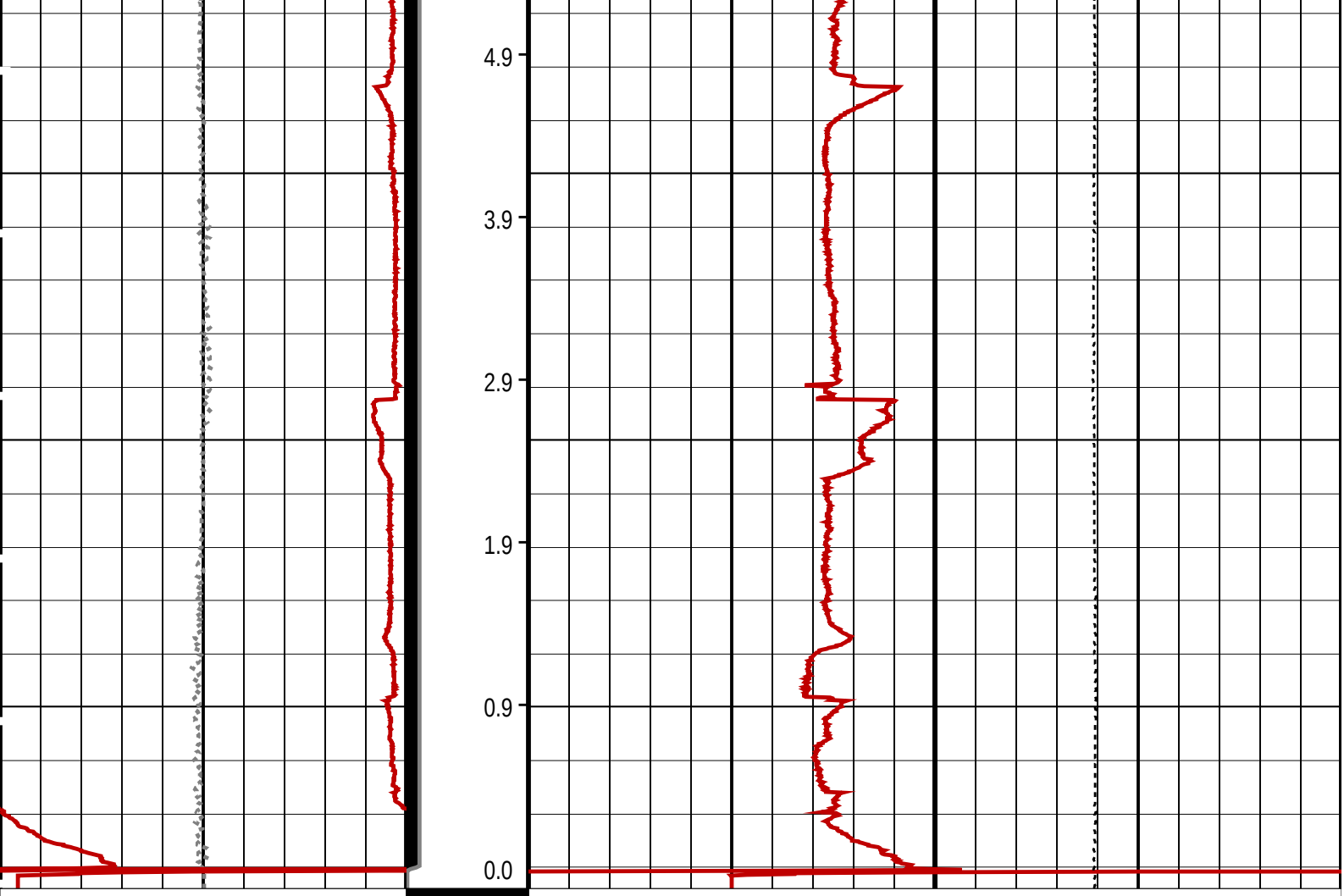
Differential Tension (DTEN)
-200 (LBF) 200

ON/Int From D3T to STAT

MPBM Cable Current (CCUR)
300 (MA) 700




15.9
14.9
13.9
12.9
11.9
10.9
9.9
8.9
7.9
6.9
5.9




| Differential Tension (DTEN) | ON/Int From D3T to STAT | MPBM Cable Current (CCUR) |
|---|---|---|
| −200 (LBF) 200 | | 300 (MA) 700 |
| **MPSU Head Voltage (HV)** | **MPSU Run Status (STAT)** | **Tension (TENS)** |
| 200 (V) 300 | 0 (----10 | 2000 (LBF) 0 |
| | **RUN Time (RTIM) (MN)** | |

**PIP SUMMARY**

MPSU Run Time Every 1 MN
MPSU Run Time Every 10 MN
Time Mark Every 60 S

## Parameters

| DLIS Name | Description | Value |
|---|---|---|
| | MPSU−CA: MECHANICAL PLUGBACK SETTING UNIT | |
| IPUMP | Intensifier Pump | TRUE |

Format: MPBT Vertical Scale: 1:600 Graphics File Created: 30−Aug−2006 10:25

## OP System Version: 14C0−302

MCM

| | | | |
|---|---|---|---|
| MPEX−BA | SRC−3220−WPP−AAPS | MPSU−CA | SRC−3220−WPP−AAPS |
| CCL−L | 14C0−302 | | |

## Output DLIS Files

| | | | | |
|---|---|---|---|---|
| DEFAULT | MPBT_065LUP | FN:62 | PRODUCER | 30−Aug−2006 10:25 |

Schlumberger

# 7" MPBT Plug
# Log Down to Depth

MAXIS Field Log

## Input DLIS Files

| | | | | | | |
|---|---|---|---|---|---|---|
| DEFAULT | FLIP_MPBT_077 | | PRODUCER | 30−Aug−2006 14:54 | 2800.5 M | 2721.4 M |

## Output DLIS Files

| | | | | | | |
|---|---|---|---|---|---|---|
| DEFAULT | PERFO_081PUP | FN:77 | PRODUCER | 30−Aug−2006 16:07 | 2800.5 M | 2721.9 M |

## OP System Version: 14C0−302

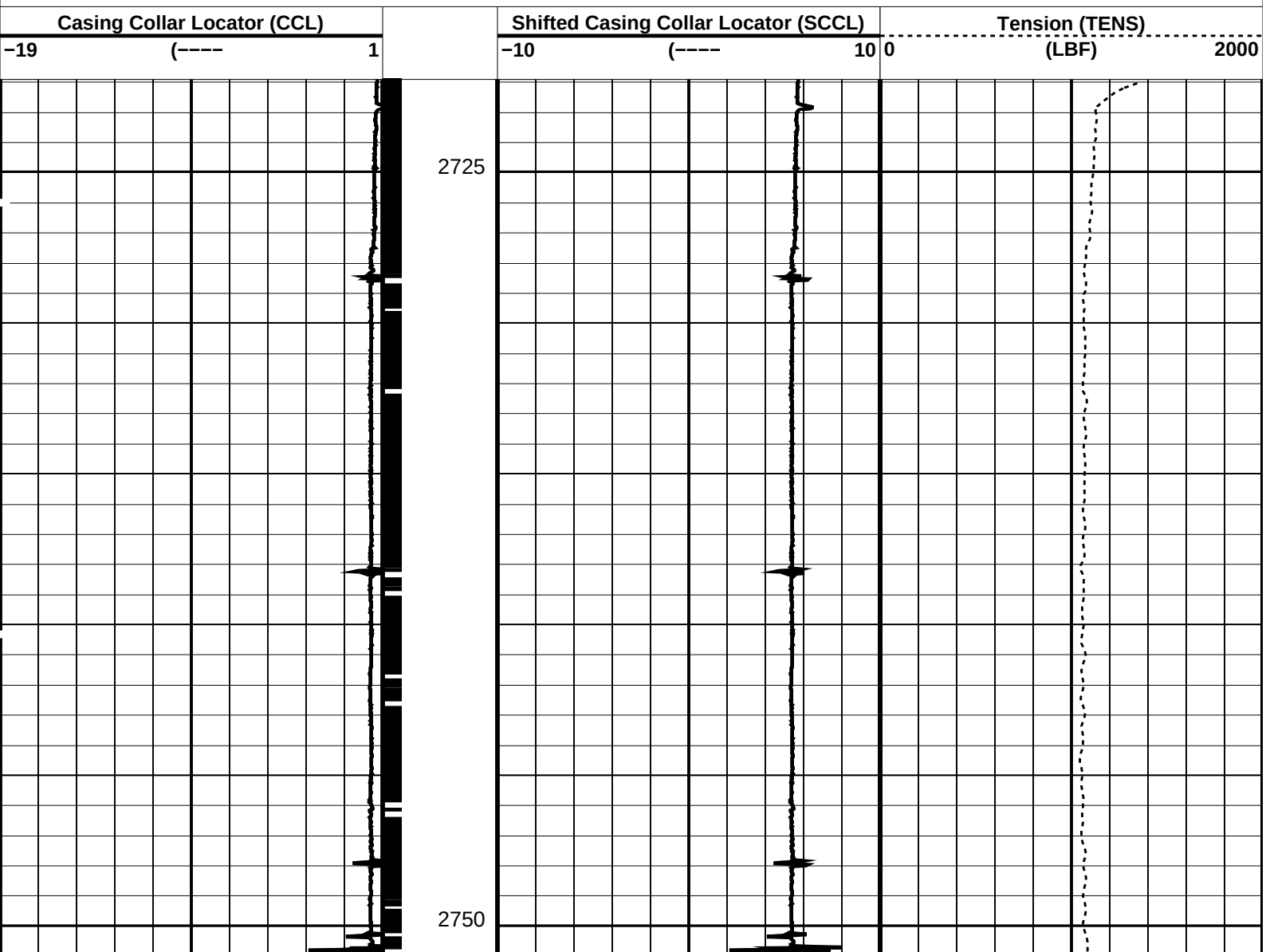
MCM

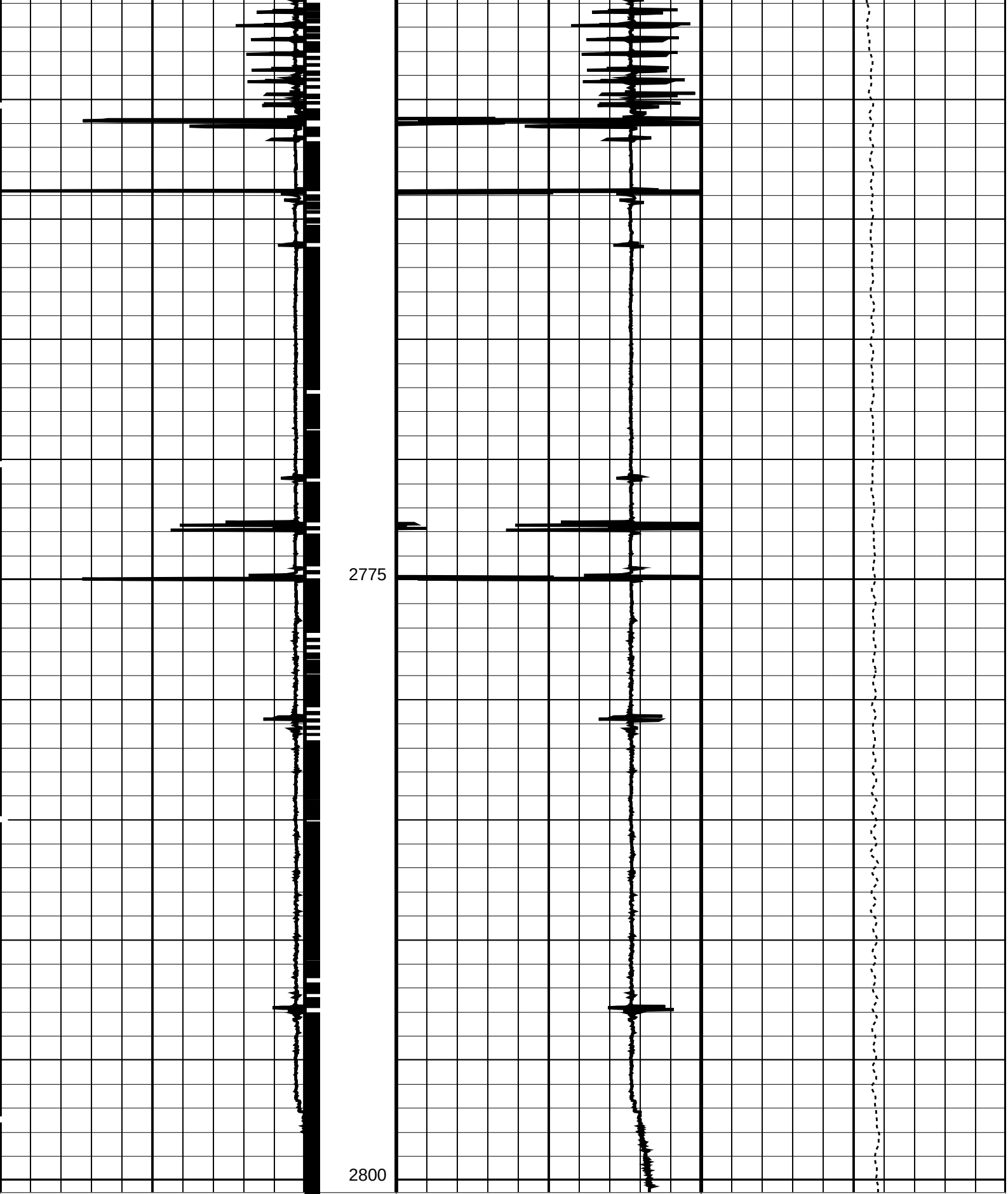
| | | | |
|---|---|---|---|
| SHM_GUN | SRC−3220−WPP−AAPS | CCL−L | 14C0−302 |

PIP SUMMARY

Casing Collars

Time Mark Every 60 S






| Casing Collar Locator (CCL) | | | Shifted Casing Collar Locator (SCCL) | | | Tension (TENS) | | |
|---|---|---|---|---|---|---|---|---|
| −19 | (−−−− | 1 | −10 | (−−−− | 10 | 0 | (LBF) | 2000 |

**PIP SUMMARY**

**Casing Collars**

**Time Mark Every 60 S**

## Parameters

| DLIS Name | Description | Value | |
|---|---|---|---|
| | CCL−L: Casing Collar Locator | | |
| CCLD | CCL reset delay | 12 | IN |
| CCLT | CCL Detection Level | 0.3 | V |
| | System and Miscellaneous | | |
| DO | Depth Offset for Playback | 0.0 | M |
| PP | Playback Processing | NORMAL | |

Format: PERFO_1 Vertical Scale: 1:200 Graphics File Created: 30−Aug−2006 16:07

## OP System Version: 14C0−302

MCM

| | | | |
|---|---|---|---|
| SHM_GUN | SRC−3220−WPP−AAPS | CCL−L | 14C0−302 |

## Input DLIS Files

| | | | | | | |
|---|---|---|---|---|---|---|
| DEFAULT | FLIP_MPBT_077 | | PRODUCER | 30−Aug−2006 14:54 | 2800.5 M | 2721.4 M |

## Output DLIS Files

| | | | | | | |
|---|---|---|---|---|---|---|
| DEFAULT | PERFO_081PUP | FN:77 | PRODUCER | 30−Aug−2006 16:07 | | |

Schlumberger

# Dummy Plug

MAXIS Field Log

Company: Well:

## Input DLIS Files

| | | | | | | |
|---|---|---|---|---|---|---|
| DEFAULT | Perfo_WPGRT_054LUP | FN:51 | PRODUCER | 30−Aug−2006 07:02 | 2815.3 M | 2713.2 M |

## Output DLIS Files

| | | | | | | |
|---|---|---|---|---|---|---|
| DEFAULT | PERFO_Perfo_WPGRT_084PUP | FN:80 | PRODUCER | 30−Aug−2006 17:05 | 2815.1 M | 2713.5 M |

## OP System Version: 14C0−302

MCM

| | | | |
|---|---|---|---|
| WPP_GUN | SRC−3220−WPP−AAPS | WPST−AB | SRC−3220−WPP−AAPS |
| WPPTT−AA/BA | SRC−3220−WPP−AAPS | WPGRT−A | 14C0−302 |
| WPTET−AA | SRC−3220−WPP−AAPS | | |

## PIP SUMMARY

Time Mark Every 60 S

Tension (TENS)
0 (LBF) 3000

Strain Gauge Temperature (TEMS_DL)
0 (DEGF) 300

CCL
From CCL_WPP to T1

CCL (CCL)
−19 (−−−− 1

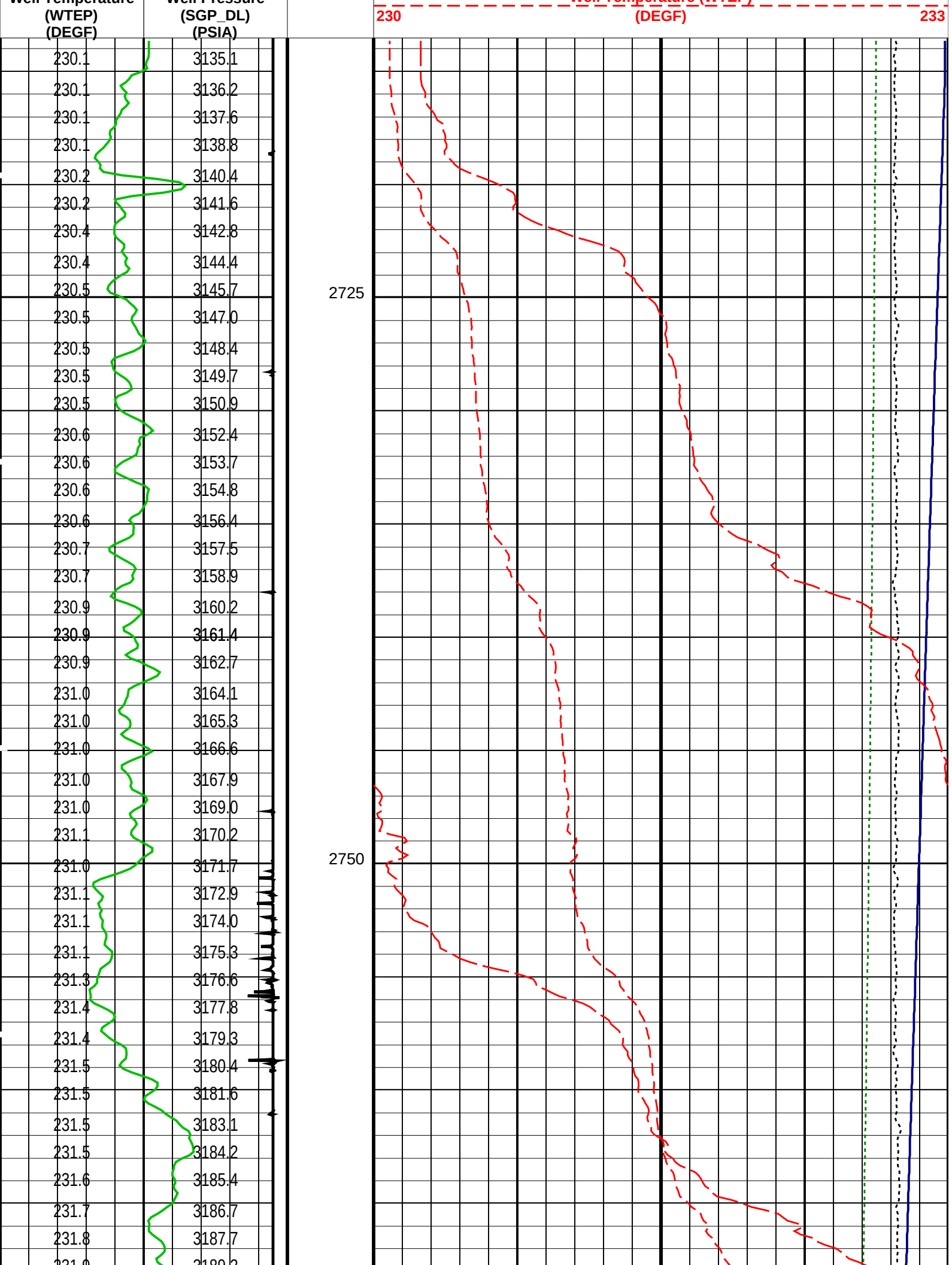
Well Temperature (WTEP)
0 (DEGF) 1

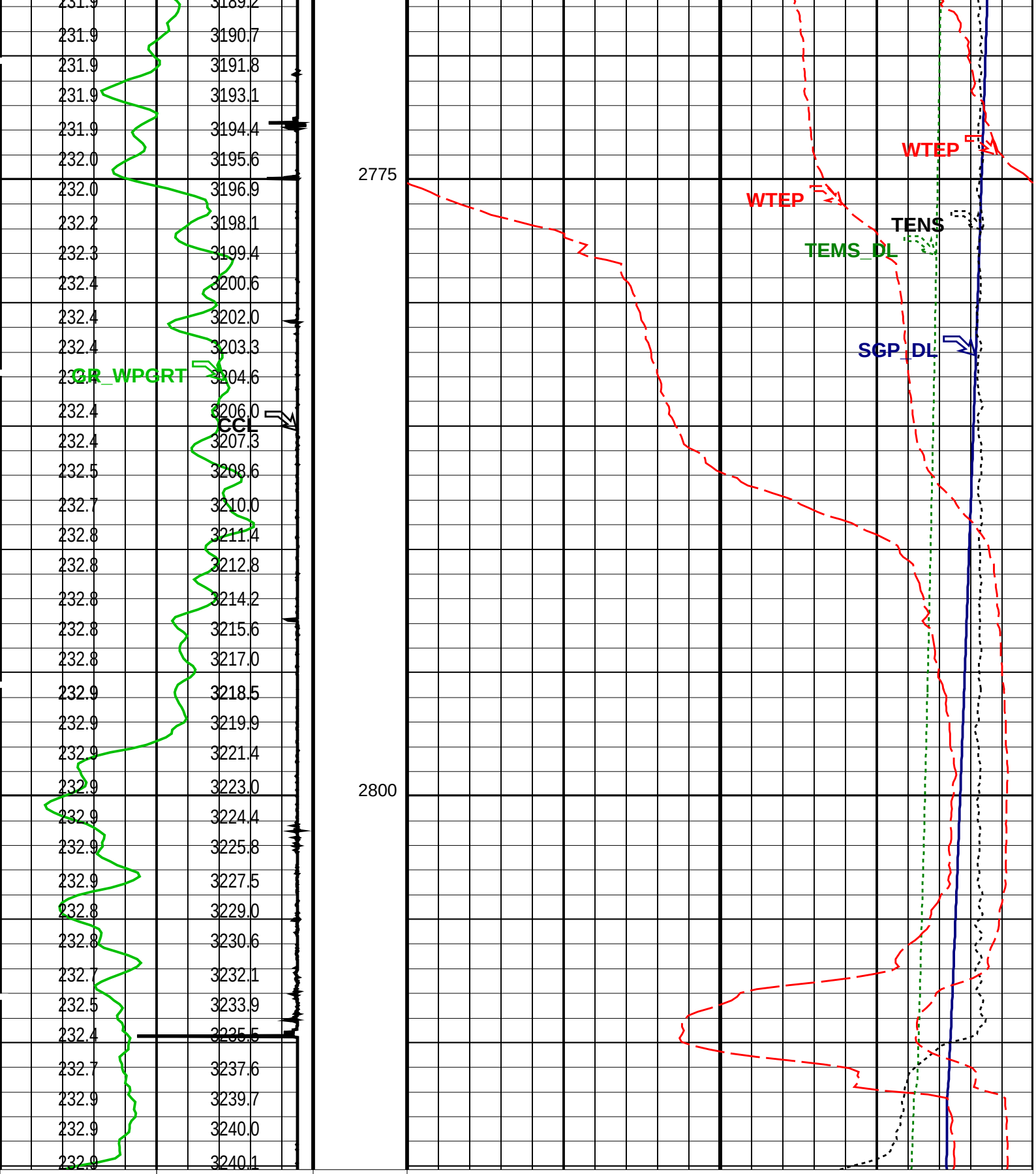
Gamma Ray (GR_WPGRT)
0 (GAPI) 150

Strain Gauge Pressure (SGP_DL)
3130 (PSIA) 2340

Well Temperature | Well Pressure

Well Temperature (WTEP)


Well Temperature (WTEP) (DEGF)
Well Pressure (SGP_DL) (PSIA)
230.1 3135.1
230.1 3136.2
230.1 3137.6
230.1 3138.8
230.2 3140.4
230.2 3141.6
230.4 3142.8
230.4 3144.4
230.5 3145.7
230.5 3147.0
230.5 3148.4
230.5 3149.7
230.5 3150.9
230.6 3152.4
230.6 3153.7
230.6 3154.8
230.6 3156.4
230.7 3157.5
230.7 3158.9
230.9 3160.2
230.9 3161.4
230.9 3162.7
231.0 3164.1
231.0 3165.3
231.0 3166.6
231.0 3167.9
231.0 3169.0
231.1 3170.2
231.0 3171.7
231.1 3172.9
231.1 3174.0
231.1 3175.3
231.3 3176.6
231.4 3177.8
231.4 3179.3
231.5 3180.4
231.5 3181.6
231.5 3183.1
231.5 3184.2
231.6 3185.4
231.7 3186.7
231.8 3187.7
Well Temperature (WTEP)
230
(DEGF)
233
2725
2750




| Well Temperature (WTEP) (DEGF) | Well Pressure (SGP_DL) (PSIA) |
|---|---|

Gamma Ray (GR_WPGRT)

0 (GAPI) 150

CCL (CCL)

−19 (---- 1

CCL

Well Temperature (WTEP)

230 (DEGF) 233

Strain Gauge Pressure (SGP_DL)

3130 (PSIA) 2340

Well Temperature (WTEP)

0 (DEGF) 1

Strain Gauge Temperature (TEMS_DL)

From CCL_WPP to T1

| | | |
|---|---|---|
| 0 | (DEGF) | 300 |

Tension (TENS)

| | | |
|---|---|---|
| 0 | (LBF) | 3000 |

PIP SUMMARY

Time Mark Every 60 S

## Parameters

| DLIS Name | Description | Value | |
|---|---|---|---|
| | WPST−AB: WPP Shooting Tool | | |
| U−COMM_VOLT | ASFS Comm Voltage | 50 | V |
| U−ERSB_ON_TIME | ERSB Voltage Hold Time | 180 | S |
| U−SEC_ON_TIME | SECURE Voltage Hold Time | 4 | S |
| U−SHOOT_VOLT_LIM | Shooting Voltage Limit | 510 | V |
| | WPPTT−AA/BA: WPP Pressure Temperature Tool | | |
| ACUP | Constant Update Switch | INIT_STATION_LOG | |
| PCTS | Pressure Correction Temperature Source | TEMS | |
| | WPTET−AA: WPP Telemetry Tool | | |
| CCLD | CCL reset delay | 12 | IN |
| CCLG | Casing Collar Locator Gain | 0DB | |
| CCLT | CCL Detection Level | 0.3 | |
| U−TILT_X_GAIN | WPTET Tilt X Gain | 1 | |
| U−TILT_X_OFFSET | WPTET Tilt X Offset | 0 | |
| U−TILT_Y_GAIN | WPTET Tilt Y Gain | 1 | |
| U−TILT_Y_OFFSET | WPTET Tilt Y Offset | 0 | |
| | System and Miscellaneous | | |
| DO | Depth Offset for Playback | −0.2 | M |
| PP | Playback Processing | NORMAL | |

Format: WPP_PT Vertical Scale: 1:200 Graphics File Created: 30−Aug−2006 17:05

## OP System Version: 14C0−302

MCM

| | | | |
|---|---|---|---|
| WPP_GUN | SRC−3220−WPP−AAPS | WPST−AB | SRC−3220−WPP−AAPS |
| WPPTT−AA/BA | SRC−3220−WPP−AAPS | WPGRT−A | 14C0−302 |
| WPTET−AA | SRC−3220−WPP−AAPS | | |

## Input DLIS Files

| | | | | | | |
|---|---|---|---|---|---|---|
| DEFAULT | Perfo_WPGRT_054LUP | FN:51 | PRODUCER | 30−Aug−2006 07:02 | 2815.3 M | 2713.2 M |

## Output DLIS Files

| | | | | |
|---|---|---|---|---|
| DEFAULT | PERFO_Perfo_WPGRT_084PUP | FN:80 | PRODUCER | 30−Aug−2006 17:05 |

Schlumberger

Gun # 1
2801m to 2802m MDKB

MAXIS Field Log

Company: Well:

## Output DLIS Files

| | | | | | | |
|---|---|---|---|---|---|---|
| DEFAULT | PERFO_Perfo_WPGRT_050LUP | FN:47 | PRODUCER | 29−Aug−2006 19:51 | 2811.2 M | 2757.2 M |

## OP System Version: 14C0−302

MCM

| | | | |
|---|---|---|---|
| WPP_GUN | SRC−3220−WPP−AAPS | WPST−AB | SRC−3220−WPP−AAPS |
| WPPTT−AA/BA | SRC−3220−WPP−AAPS | WPGRT−A | 14C0−302 |
| WPTET−AA | SRC−3220−WPP−AAPS | | |

# Changed Parameter Summary

| DLIS Name | New Value | Previous Value | Depth & Time |
|---|---|---|---|
| CCLG | 12DB | 0DB | 2811.3 19:51:23 |

PIP SUMMARY

Time Mark Every 60 S

CCL
From CCL_WPP to T1

CCL (CCL)
−19 (−−−− 1

Tension (TENS)
10000 (LBF) 0

Strain Gauge Temperature (TEMS_DL)
0 (DEGF) 300

Gamma Ray (GR_WPGRT)
0 (GAPI) 150

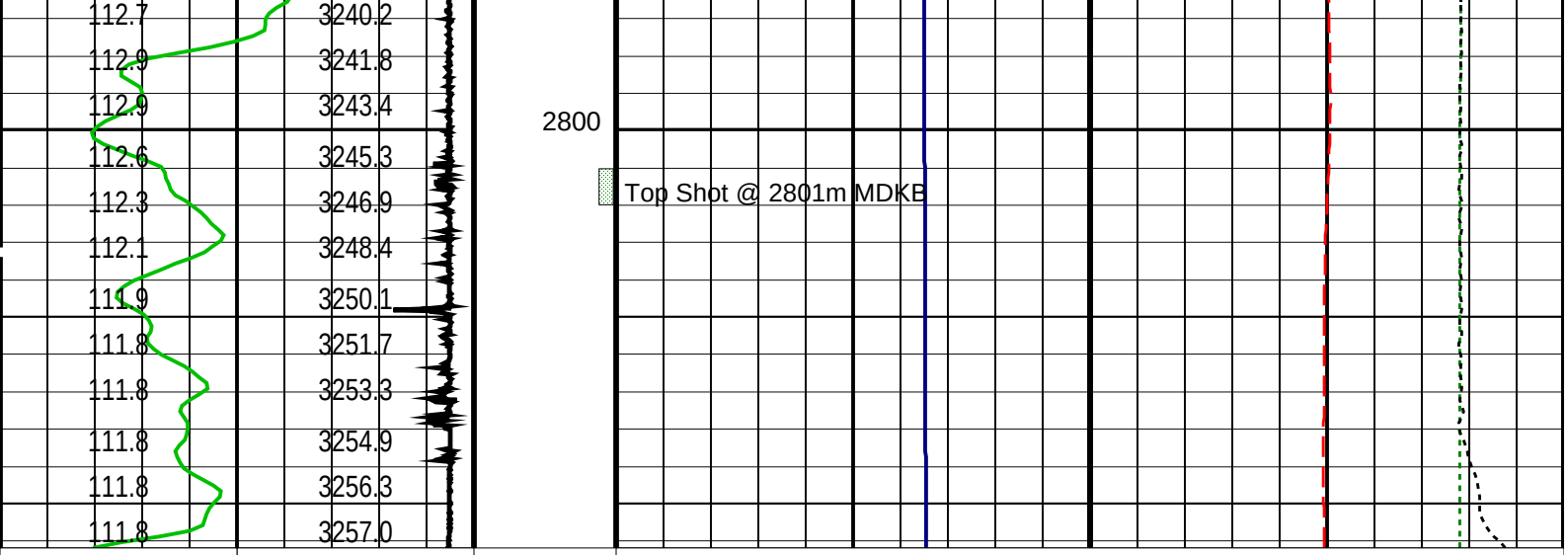
Strain Gauge Pressure (SGP_DL)
0 (PSIG) 10000

Well Temperature (WTEP)
0 (DEGC) 150

| Well Temperature (WTEP) (DEGC) | Well Pressure (SGP_DL) (PSIG) |
|---|---|
| 110.9 | 3191.8 |
| 110.9 | 3191.8 |
| 110.9 | 3192.8 |
| 111.0 | 3194.3 |
| 111.0 | 3196.1 |
| 111.1 | 3197.7 |
| 111.1 | 3199.1 |
| 111.1 | 3200.9 |
| 111.1 | 3202.3 |
| 111.1 | 3204.0 |
| 111.1 | 3205.9 |
| 111.1 | 3207.1 |
| 111.2 | 3208.8 |
| 111.3 | 3210.4 |
| 111.3 | 3212.0 |
| 111.3 | 3213.5 |
| 111.3 | 3215.3 |
| 111.4 | 3216.8 |
| 111.4 | 3218.5 |
| 111.5 | 3220.3 |
| 111.6 | 3221.9 |
| 111.6 | 3223.5 |
| 111.6 | 3225.3 |
| 111.6 | 3226.9 |
| 111.6 | 3228.5 |
| 111.8 | 3230.3 |
| 111.8 | 3231.9 |
| 111.9 | 3233.5 |
| 112.1 | 3235.3 |
| 112.2 | 3236.9 |
| 112.4 | 3238.4 |

2775

CCL Stop Depth @ 2794m MDKB




| Well Temperature (WTEP) (DEGC) | Well Pressure (SGP_DL) (PSIG) |
|---|---|

Well Temperature (WTEP)
0 (DEGC) 150

Gamma Ray (GR_WPGRT)
0 (GAPI) 150

Strain Gauge Pressure (SGP_DL)
0 (PSIG) 10000

CCL (CCL)
−19 (−−−− 1

Strain Gauge Temperature (TEMS_DL)
0 (DEGF) 300

CCL
From CCL_WPP to T1

Tension (TENS)
10000 (LBF) 0

PIP SUMMARY

Time Mark Every 60 S

## Parameters

| DLIS Name | Description | Value | |
|---|---|---|---|
| | **WPST−AB: WPP Shooting Tool** | | |
| U−COMM_VOLT | ASFS Comm Voltage | 50 | V |
| U−ERSB_ON_TIME | ERSB Voltage Hold Time | 180 | S |
| U−SEC_ON_TIME | SECURE Voltage Hold Time | 4 | S |
| U−SHOOT_VOLT_LIM | Shooting Voltage Limit | 510 | V |
| | **WPPTT−AA/BA: WPP Pressure Temperature Tool** | | |
| ACUP | Constant Update Switch | INIT_STATION_LOG | |
| PCTS | Pressure Correction Temperature Source | TEMS | |
| | **WPTET−AA: WPP Telemetry Tool** | | |
| CCLD | CCL reset delay | 12 | IN |
| CCLG | Casing Collar Locator Gain | 0DB | |
| CCLT | CCL Detection Level | 0.3 | |
| U−TILT_X_GAIN | WPTET Tilt X Gain | 1 | |
| U−TILT_X_OFFSET | WPTET Tilt X Offset | 0 | |
| U−TILT_Y_GAIN | WPTET Tilt Y Gain | 1 | |
| U−TILT_Y_OFFSET | WPTET Tilt Y Offset | 0 | |

Format: WPP_PT Vertical Scale: 1:200 Graphics File Created: 29−Aug−2006 19:51

## OP System Version: 14C0−302

MCM

| | | | |
|---|---|---|---|
| WPP_GUN | SRC−3220−WPP−AAPS | WPST−AB | SRC−3220−WPP−AAPS |
| WPPTT−AA/BA | SRC−3220−WPP−AAPS | WPGRT−A | 14C0−302 |
| WPTET−AA | SRC−3220−WPP−AAPS | | |

## Output DLIS Files

DEFAULT PERFO_Perfo_WPGRT_050LUP FN:47 PRODUCER 29−Aug−2006 19:51

Schlumberger

Correlation Pass

MAXIS Field Log

**Company:** **Well:**

# Output DLIS Files

**DEFAULT** **PERFO_Perfo_WPGRT_044LUP** **FN:41** **PRODUCER** **29−Aug−2006 19:04**

## OP System Version: 14C0−302

**MCM**

| | | | |
|---|---|---|---|
| **WPP_GUN** | **SRC−3220−WPP−AAPS** | **WPST−AB** | **SRC−3220−WPP−AAPS** |
| **WPPTT−AA/BA** | **SRC−3220−WPP−AAPS** | **WPGRT−A** | **14C0−302** |
| **WPTET−AA** | **SRC−3220−WPP−AAPS** | | |

**PIP SUMMARY**

**Time Mark Every 60 S**

**CCL**
**From CCL_WPP to T1**

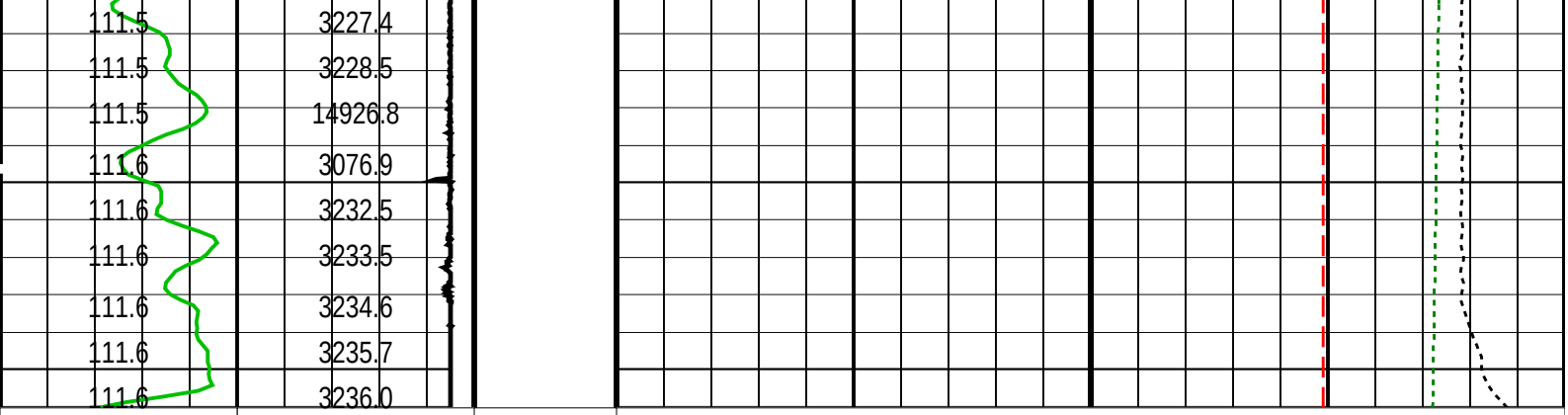
**CCL (CCL)**
**−19** **(−−−−** **1**

**Gamma Ray (GR_WPGRT)**
**0** **(GAPI)** **150**

**Tension (TENS)**
**10000** **(LBF)** **0**

**Strain Gauge Temperature (TEMS_DL)**
**0** **(DEGF)** **300**

| Well Temperature (WTEP) (DEGC) | Well Pressure (SGP_DL) (PSIG) | | Well Temperature (WTEP) 0 (DEGC) 150 |
|---|---|---|---|
| 111.1 | 3199.9 | | |
| 111.1 | 3200.1 | | |
| 111.1 | 3201.6 | 2775 | |
| 111.1 | 3202.8 | | |
| 111.2 | 3204.3 | | |
| 111.3 | 3205.6 | | |
| 111.3 | 3206.8 | | |
| 111.3 | 3208.4 | | |
| 111.3 | 3209.6 | | |
| 111.3 | 3210.8 | | |
| 111.3 | 3212.2 | | |
| 111.3 | 3213.5 | | |
| 111.3 | 3214.9 | | |
| 111.4 | 3216.2 | | |
| 111.4 | 3217.3 | | |
| 111.4 | 3218.8 | | |
| 111.5 | 3220.1 | | |
| 111.5 | 3221.1 | | |
| 111.5 | 3222.4 | | |
| 111.5 | 3223.7 | | |
| 111.5 | 3225.1 | | |
| 111.5 | 3226.2 | 2800 | |




| Well Temperature (WTEP) (DEGC) | Well Pressure (SGP_DL) (PSIG) |
|---|---|

Well Temperature (WTEP)
0 (DEGC) 150

Gamma Ray (GR_WPGRT)
0 (GAPI) 150

Strain Gauge Temperature (TEMS_DL)
0 (DEGF) 300

CCL (CCL)
−19 (−−−− 1

Tension (TENS)
10000 (LBF) 0

CCL
From CCL_WPP to T1

PIP SUMMARY

Time Mark Every 60 S

## Parameters

| DLIS Name | Description | Value | |
|---|---|---|---|
| | **WPST−AB: WPP Shooting Tool** | | |
| U−COMM_VOLT | ASFS Comm Voltage | 50 | V |
| U−ERSB_ON_TIME | ERSB Voltage Hold Time | 180 | S |
| U−SEC_ON_TIME | SECURE Voltage Hold Time | 4 | S |
| U−SHOOT_VOLT_LIM | Shooting Voltage Limit | 510 | V |
| | **WPPTT−AA/BA: WPP Pressure Temperature Tool** | | |
| ACUP | Constant Update Switch | INIT_STATION_LOG | |
| PCTS | Pressure Correction Temperature Source | TEMS | |
| | **WPTET−AA: WPP Telemetry Tool** | | |
| CCLD | CCL reset delay | 12 | IN |
| CCLG | Casing Collar Locator Gain | 0DB | |
| CCLT | CCL Detection Level | 0.3 | |
| U−TILT_X_GAIN | WPTET Tilt X Gain | 1 | |
| U−TILT_X_OFFSET | WPTET Tilt X Offset | 0 | |
| U−TILT_Y_GAIN | WPTET Tilt Y Gain | 1 | |
| U−TILT_Y_OFFSET | WPTET Tilt Y Offset | 0 | |

Format: WPP_PT Vertical Scale: 1:200 Graphics File Created: 29−Aug−2006 19:04

## OP System Version: 14C0−302

MCM

| | | | |
|---|---|---|---|
| WPP_GUN | SRC−3220−WPP−AAPS | WPST−AB | SRC−3220−WPP−AAPS |
| WPPTT−AA/BA | SRC−3220−WPP−AAPS | WPGRT−A | 14C0−302 |
| WPTET−AA | SRC−3220−WPP−AAPS | | |

## Output DLIS Files

DEFAULT PERFO_Perfo_WPGRT_044LUP FN:41 PRODUCER 29−Aug−2006 19:04

Schlumberger

RST Sigma
Pass # 3

MAXIS Field Log

Company: Esso Australia Ltd. Well: A−12a

## Input DLIS Files

| | | | | | | |
|---|---|---|---|---|---|---|
| DEFAULT | RST_PSP_024LUP | FN:23 | PRODUCER | 29−Aug−2006 12:54 | 2819.6 M | 2766.5 M |

## Output DLIS Files

| | | | | | | |
|---|---|---|---|---|---|---|
| DEFAULT | RST_PSP_026PUP | FN:25 | PRODUCER | 29−Aug−2006 13:07 | 2820.0 M | 2761.9 M |

## OP System Version: 14C0−302

MCM

| | | | |
|---|---|---|---|
| RST−C | 14C0−302 | PSPT−A/B | 14C0−302 |

PIP SUMMARY

Time Mark Every 60 S

RST Sigma (SIGM)
60 (CU) 0

RST Weighted Inelastic Ratio (WINR_RST)
0.4 (−−−− 0

RST Porosity (TPHI)
0.6 (V/V) 0

RST Far Effective Capture CR (RSCF_RST)
45 (−−−− 0

RST Sigma Borehole Fluid (SIBF)
100 (CU) 0

RST Near Effective Capture CR (RSCN_RST)
45 (−−−− 0

Sigma Borehole Far Apparent (SBFA_FIL)
150 (CU) 0

Tension (TENS)
0 (LBF) 3000

RST Capture to Inelastic Ratio Far (CIRF_FIL)
5 (−−−− 0

RST Capture Ratio (TRAT_FIL)
1.5 (−−−− 0.5

Sigma Formation Far Apparent (SFFA_FIL)
60 (CU) 0

RST Capture to Inelastic Ratio Near (CIRN_FIL)
2.5 (−−−− 0

Minitron Arc Detection (MARC)
0 (−−−− 5

RST Sigma Difference (DSIG)
−30 (CU) 30

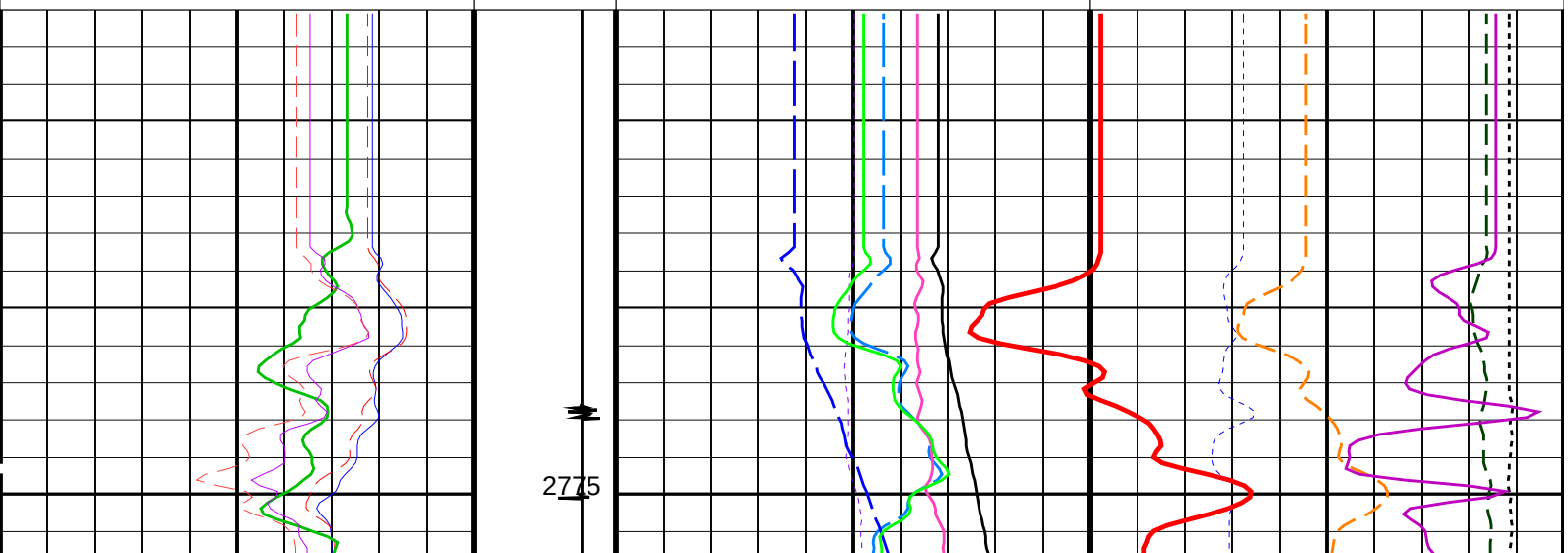
MCS Far Background (filtered) (FBAC)
0 (CPS) 5000

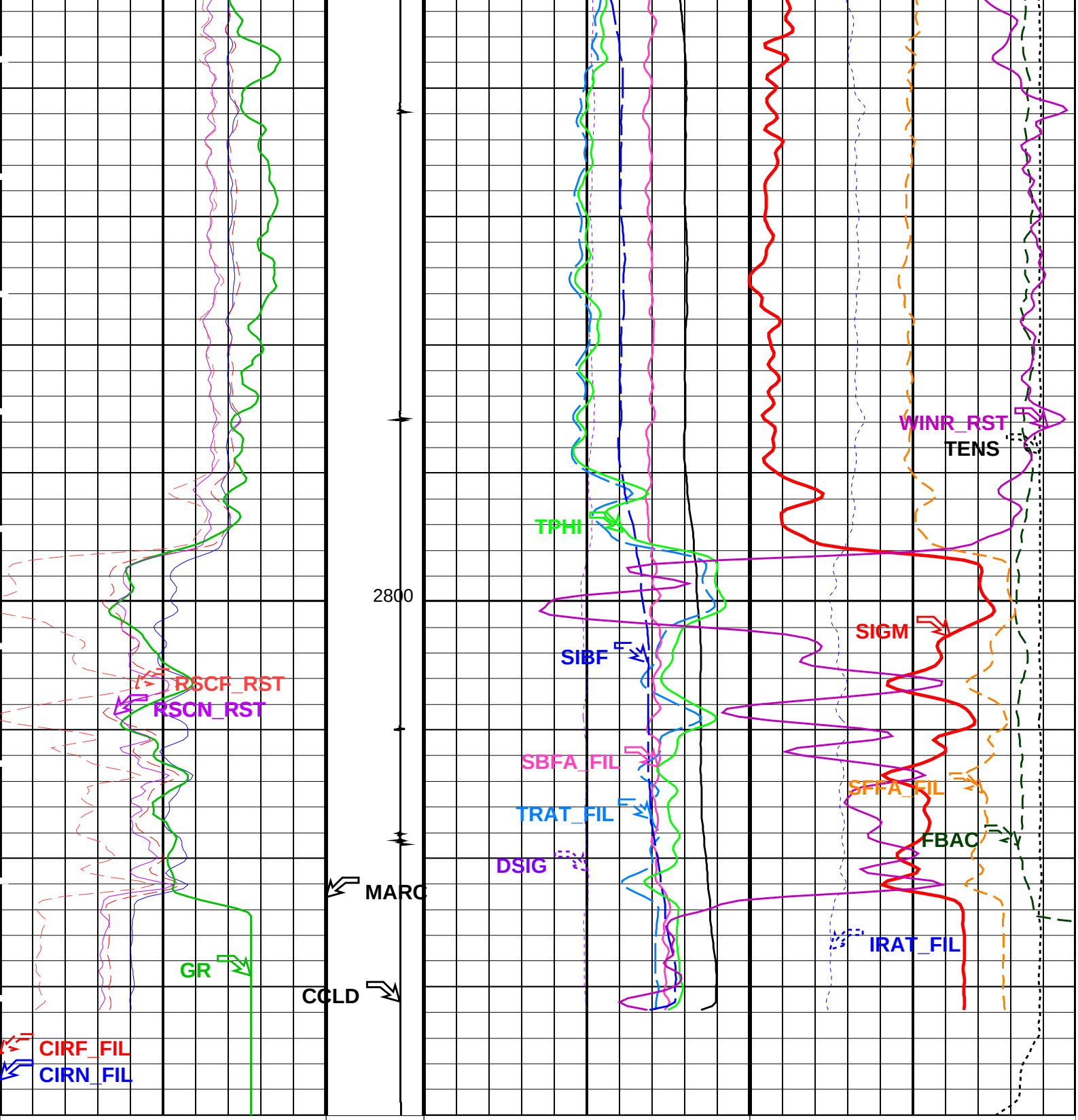
Gamma Ray (GR)
0 (GAPI) 150

Discriminated CCL (CCLD)
3 (V) −1

RST Borehole Salinity (BSAL)
450 (PPK) −50

RST Inelastic Ratio (IRAT_FIL)
0.75 (−−−− 0






| | | |
|---|---|---|
| Gamma Ray (GR)<br>0 (GAPI) 150 | Discriminated CCL (CCLD)<br>3 (V) −1 | RST Borehole Salinity (BSAL)<br>450 (PPK) −50 |
| RST Capture to Inelastic Ratio Near (CIRN_FIL)<br>2.5 (---- 0 | Minitron Arc Detection (MARC)<br>0 (---- 5 | RST Sigma Difference (DSIG)<br>−30 (CU) 30 |
| RST Capture to Inelastic Ratio Far (CIRF_FIL)<br>5 (---- 0 | | RST Capture Ratio (TRAT_FIL)<br>1.5 (---- 0.5 |
| RST Near Effective Capture CR (RSCN | | Sigma Borehole Far Apparent (SBFA |

| | |
|---|---|
| RST Inelastic Ratio (IRAT_FIL)<br>0.75 (---- 0 | |
| MCS Far Background (filtered) (FBAC)<br>0 (CPS) 5000 | |
| Sigma Formation Far Apparent (SFFA_FIL)<br>60 (CU) 0 | |
| | Tension (TENS) |

RST)
45 (---- 0

RST Far Effective Capture CR (RSCF_RST)
45 (---- 0

FIL)
150 (CU) 0

RST Sigma Borehole Fluid (SIBF)
100 (CU) 0

RST Porosity (TPHI)
0.6 (V/V) 0

Tension (TENS)
0 (LBF) 3000

RST Weighted Inelastic Ratio (WINR_RST)
0.4 (---- 0

RST Sigma (SIGM)
60 (CU) 0

PIP SUMMARY

Time Mark Every 60 S

## Parameters

| DLIS Name | Description | Value | |
|---|---|---|---|
| | RST-C: Reservoir Saturation Pro Tool C | | |
| AIRB | RST Air Borehole | No | |
| BHS | Borehole Status | CASED | |
| BSALOPT | RST Borehole Salinity Option | Unknown | |
| BSFL | RST Borehole Salinity Filter Length | 51 | |
| DFPC | RST Depth Filter Processing Constant | One | |
| DFPC_TDTL | RST Depth Filter Processing Constant (TDT-like) | Two | |
| MATR | Rock Matrix for Neutron Porosity Corrections | SANDSTONE | |
| NORM_IRAT_RST | RST Normalized Inelastic Ratio | 0.48 | |
| NORM_SIGM_RST | RST Normalized Sigma | 30 | CU |
| RGAI | Near/Far Gain Calibration Ratio | 1 | |
| SMBMO | RST Sigma Mode Background Minitron Off | No | |
| TIER_SIGM | RST Sigma Acquisition Mode | 0_RST_Sigma | |
| | PSPT-A/B: Production Services Logging Platform | | |
| BHS | Borehole Status | CASED | |
| MATR | Rock Matrix for Neutron Porosity Corrections | SANDSTONE | |
| | System and Miscellaneous | | |
| BS | Bit Size | 8.500 | IN |
| BSAL | Borehole Salinity | -50000.00 | PPM |
| CSIZ | Current Casing Size | 7.000 | IN |
| CWEI | Casing Weight | 26.00 | LB/F |
| DO | Depth Offset for Playback | 0.4 | M |
| PP | Playback Processing | NORMAL | |

Format: RST_SIG_ANSW Vertical Scale: 1:200 Graphics File Created: 29-Aug-2006 13:07

## OP System Version: 14C0-302

MCM

| | | | |
|---|---|---|---|
| RST-C | 14C0-302 | PSPT-A/B | 14C0-302 |

## Input DLIS Files

| | | | | | | |
|---|---|---|---|---|---|---|
| DEFAULT | RST_PSP_024LUP | FN:23 | PRODUCER | 29-Aug-2006 12:54 | 2819.6 M | 2766.5 M |

## Output DLIS Files

| | | | | |
|---|---|---|---|---|
| DEFAULT | RST_PSP_026PUP | FN:25 | PRODUCER | 29-Aug-2006 13:07 |

Schlumberger

RST Sigma
Pass # 2

MAXIS Field Log

Company: Esso Australia Ltd. Well: A−12a

## Input DLIS Files

| | | | | | | |
|---|---|---|---|---|---|---|
| DEFAULT | RST_PSP_020LUP | FN:19 | PRODUCER | 29−Aug−2006 12:18 | 2819.1 M | 2765.5 M |

## Output DLIS Files

| | | | | | | |
|---|---|---|---|---|---|---|
| DEFAULT | RST_PSP_023PUP | FN:22 | PRODUCER | 29−Aug−2006 12:47 | 2819.2 M | 2760.6 M |

## OP System Version: 14C0−302

MCM

| | | | |
|---|---|---|---|
| RST−C | 14C0−302 | PSPT−A/B | 14C0−302 |

PIP SUMMARY

Time Mark Every 60 S

RST Sigma (SIGM)
60 (CU) 0

RST Weighted Inelastic Ratio (WINR_RST)
0.4 (−−−− 0

RST Porosity (TPHI)
0.6 (V/V) 0

RST Far Effective Capture CR (RSCF_RST)
45 (−−−− 0

RST Sigma Borehole Fluid (SIBF)
100 (CU) 0

RST Near Effective Capture CR (RSCN_RST)
45 (−−−− 0

Sigma Borehole Far Apparent (SBFA_FIL)
150 (CU) 0

Tension (TENS)
0 (LBF) 3000

RST Capture to Inelastic Ratio Far (CIRF_FIL)
5 (−−−− 0

RST Capture Ratio (TRAT_FIL)
1.5 (−−−− 0.5

Sigma Formation Far Apparent (SFFA_FIL)
60 (CU) 0

RST Capture to Inelastic Ratio Near (CIRN_FIL)
2.5 (−−−− 0

Minitron Arc Detection (MARC)
0 (−−−− 5

RST Sigma Difference (DSIG)
−30 (CU) 30

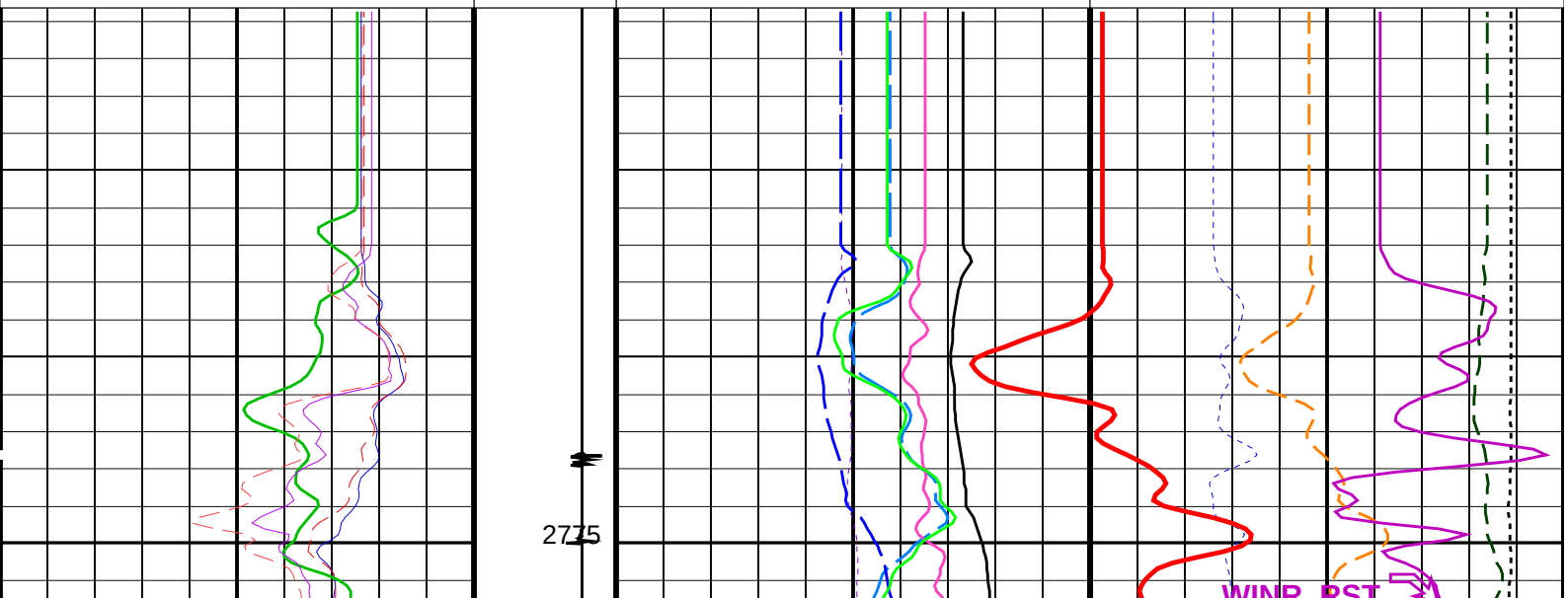
MCS Far Background (filtered) (FBAC)
0 (CPS) 5000

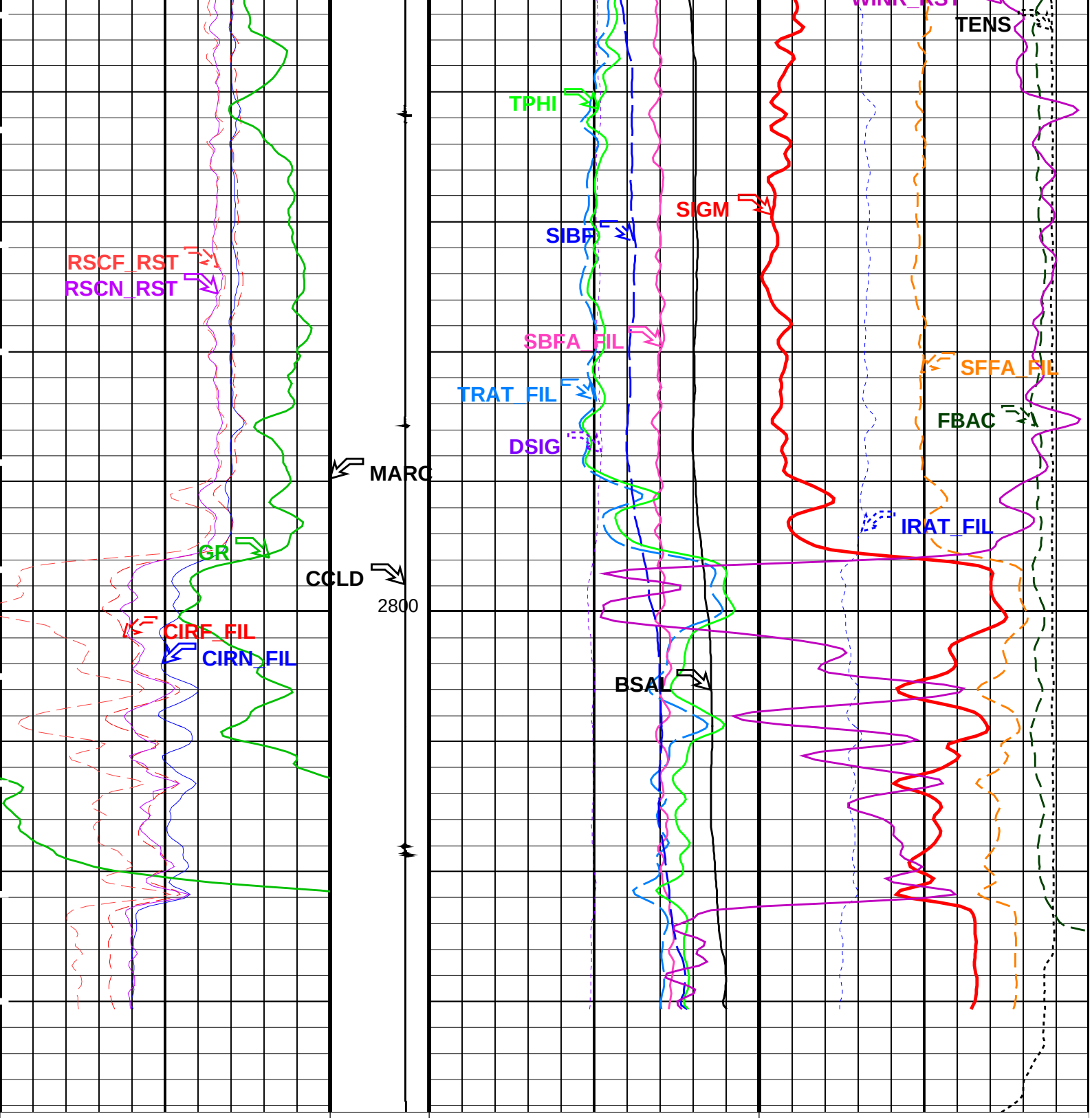
Gamma Ray (GR)
0 (GAPI) 150

Discriminated CCL (CCLD)
3 (V) −1

RST Borehole Salinity (BSAL)
450 (PPK) −50

RST Inelastic Ratio (IRAT_FIL)
0.75 (−−−− 0






| | | |
|---|---|---|
| Gamma Ray (GR)<br>0 (GAPI) 150 | Discriminated CCL (CCLD)<br>3 (V) −1 | RST Borehole Salinity (BSAL)<br>450 (PPK) −50 |
| RST Capture to Inelastic Ratio Near (CIRN_FIL)<br>2.5 (---- 0 | Minitron Arc Detection (MARC)<br>0 (---- 5 | RST Sigma Difference (DSIG)<br>−30 (CU) 30 |
| RST Capture to Inelastic Ratio Far (CIRF_FIL)<br>5 (---- 0 | | RST Capture Ratio (TRAT_FIL)<br>1.5 (---- 0.5 |
| RST Near Effective Capture CR (RSCN_RST) | | Sigma Borehole Far Apparent (SBFA_FIL) |

| | |
|---|---|
| RST Inelastic Ratio (IRAT_FIL)<br>0.75 (---- 0 | |
| MCS Far Background (filtered) (FBAC)<br>0 (CPS) 5000 | |
| Sigma Formation Far Apparent (SFFA_FIL)<br>60 (CU) 0 | |
| | Tension (TENS) |

| | | |
|---|---|---|
| 45 | (---- | 0 |

RST Far Effective Capture CR (RSCF_RST)

| | | |
|---|---|---|
| 45 | (---- | 0 |

| | | |
|---|---|---|
| 150 | (CU) | 0 |

RST Sigma Borehole Fluid (SIBF)

| | | |
|---|---|---|
| 100 | (CU) | 0 |

RST Porosity (TPHI)

| | | |
|---|---|---|
| 0.6 | (V/V) | 0 |

| | | |
|---|---|---|
| 0 | (LBF) | 3000 |

RST Weighted Inelastic Ratio (WINR_RST)

| | | |
|---|---|---|
| 0.4 | (---- | 0 |

RST Sigma (SIGM)

| | | |
|---|---|---|
| 60 | (CU) | 0 |

PIP SUMMARY

Time Mark Every 60 S

## Parameters

| DLIS Name | Description | Value | |
|---|---|---|---|
| | RST-C: Reservoir Saturation Pro Tool C | | |
| AIRB | RST Air Borehole | No | |
| BHS | Borehole Status | CASED | |
| BSALOPT | RST Borehole Salinity Option | Unknown | |
| BSFL | RST Borehole Salinity Filter Length | 51 | |
| DFPC | RST Depth Filter Processing Constant | One | |
| DFPC_TDTL | RST Depth Filter Processing Constant (TDT-like) | Two | |
| MATR | Rock Matrix for Neutron Porosity Corrections | SANDSTONE | |
| NORM_IRAT_RST | RST Normalized Inelastic Ratio | 0.48 | |
| NORM_SIGM_RST | RST Normalized Sigma | 30 | CU |
| RGAI | Near/Far Gain Calibration Ratio | 1 | |
| SMBMO | RST Sigma Mode Background Minitron Off | No | |
| TIER_SIGM | RST Sigma Acquisition Mode | 0_RST_Sigma | |
| | PSPT-A/B: Production Services Logging Platform | | |
| BHS | Borehole Status | CASED | |
| MATR | Rock Matrix for Neutron Porosity Corrections | SANDSTONE | |
| | System and Miscellaneous | | |
| BS | Bit Size | 8.500 | IN |
| BSAL | Borehole Salinity | -50000.00 | PPM |
| CSIZ | Current Casing Size | 7.000 | IN |
| CWEI | Casing Weight | 26.00 | LB/F |
| DO | Depth Offset for Playback | 0.2 | M |
| PP | Playback Processing | NORMAL | |

Format: RST_SIG_ANSW Vertical Scale: 1:200 Graphics File Created: 29-Aug-2006 12:47

## OP System Version: 14C0-302

MCM

| | | | |
|---|---|---|---|
| RST-C | 14C0-302 | PSPT-A/B | 14C0-302 |

## Input DLIS Files

| | | | | | | |
|---|---|---|---|---|---|---|
| DEFAULT | RST_PSP_020LUP | FN:19 | PRODUCER | 29-Aug-2006 12:18 | 2819.1 M | 2765.5 M |

## Output DLIS Files

| | | | | |
|---|---|---|---|---|
| DEFAULT | RST_PSP_023PUP | FN:22 | PRODUCER | 29-Aug-2006 12:47 |

Schlumberger

RST Sigma
Pass # 1

MAXIS Field Log

Company: Esso Australia Ltd. Well: A−12a

## Input DLIS Files

| | | | | | | |
|---|---|---|---|---|---|---|
| DEFAULT | RST_PSP_019LUP | FN:18 | PRODUCER | 29−Aug−2006 12:04 | 2819.4 M | 2763.5 M |

## Output DLIS Files

| | | | | | | |
|---|---|---|---|---|---|---|
| DEFAULT | RST_PSP_022PUP | FN:21 | PRODUCER | 29−Aug−2006 12:46 | 2819.6 M | 2758.6 M |

## OP System Version: 14C0−302

MCM

| | | | |
|---|---|---|---|
| RST−C | 14C0−302 | PSPT−A/B | 14C0−302 |

PIP SUMMARY

Time Mark Every 60 S

RST Sigma (SIGM) 60 (CU) 0

RST Weighted Inelastic Ratio (WINR_RST) 0.4 (−−−− 0

RST Porosity (TPHI) 0.6 (V/V) 0

RST Far Effective Capture CR (RSCF_RST) 45 (−−−− 0

RST Sigma Borehole Fluid (SIBF) 100 (CU) 0

RST Near Effective Capture CR (RSCN_RST) 45 (−−−− 0

Sigma Borehole Far Apparent (SBFA_FIL) 150 (CU) 0

Tension (TENS) 0 (LBF) 3000

RST Capture to Inelastic Ratio Far (CIRF_FIL) 5 (−−−− 0

RST Capture Ratio (TRAT_FIL) 1.5 (−−−− 0.5

Sigma Formation Far Apparent (SFFA_FIL) 60 (CU) 0

RST Capture to Inelastic Ratio Near (CIRN_FIL) 2.5 (−−−− 0

Minitron Arc Detection (MARC) 0 (−−−− 5

RST Sigma Difference (DSIG) −30 (CU) 30

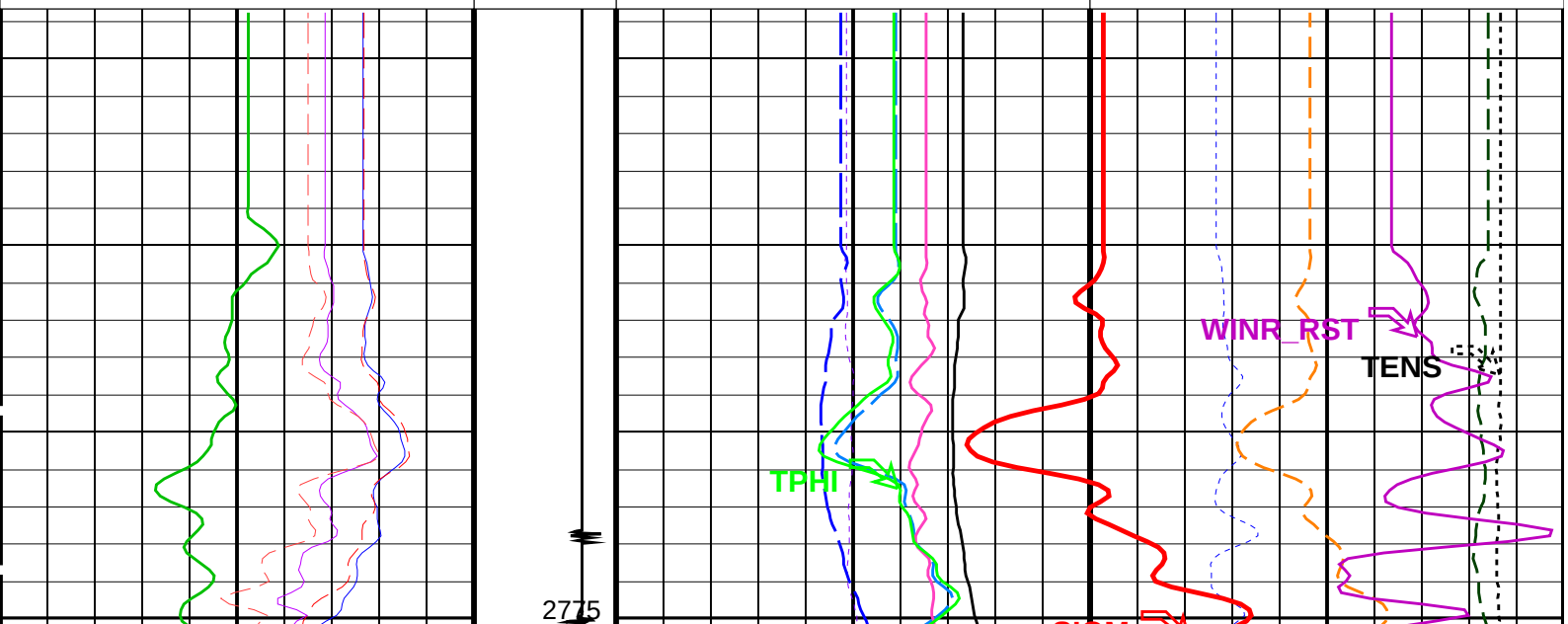
MCS Far Background (filtered) (FBAC) 0 (CPS) 5000

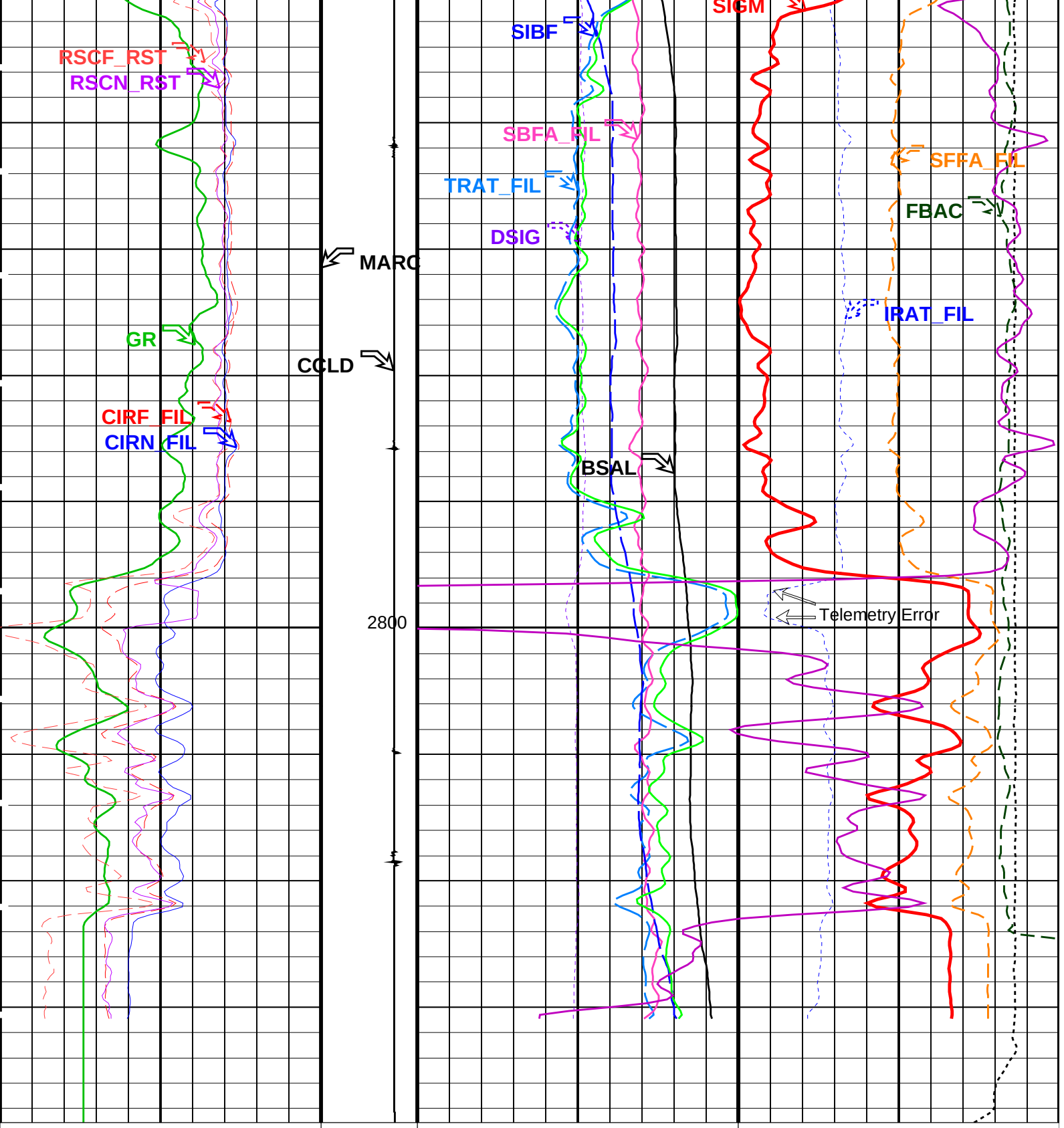
Gamma Ray (GR) 0 (GAPI) 150

Discriminated CCL (CCLD) 3 (V) −1

RST Borehole Salinity (BSAL) 450 (PPK) −50

RST Inelastic Ratio (IRAT_FIL) 0.75 (−−−− 0






| | | | |
|---|---|---|---|
| Gamma Ray (GR)<br>0 (GAPI) 150 | Discriminated CCL (CCLD)<br>3 (V) −1 | RST Borehole Salinity (BSAL)<br>450 (PPK) −50 | RST Inelastic Ratio (IRAT_FIL)<br>0.75 (---- 0 |
| RST Capture to Inelastic Ratio Near (CIRN_FIL)<br>2.5 (---- 0 | Minitron Arc Detection (MARC)<br>0 (---- 5 | RST Sigma Difference (DSIG)<br>−30 (CU) 30 | MCS Far Background (filtered) (FBAC)<br>0 (CPS) 5000 |
| RST Capture to Inelastic Ratio Far (CIRF_FIL)<br>5 (---- 0 | | RST Capture Ratio (TRAT_FIL)<br>1.5 (---- 0.5 | Sigma Formation Far Apparent (SFFA_FIL)<br>60 (CU) 0 |

RST Near Effective Capture CR (RSCN_RST)
45 (---- 0

RST Far Effective Capture CR (RSCF_RST)
45 (---- 0

Sigma Borehole Far Apparent (SBFA_FIL)
150 (CU) 0

RST Sigma Borehole Fluid (SIBF)
100 (CU) 0

RST Porosity (TPHI)
0.6 (V/V) 0

Tension (TENS)
0 (LBF) 3000

RST Weighted Inelastic Ratio (WINR_RST)
0.4 (---- 0

RST Sigma (SIGM)
60 (CU) 0

PIP SUMMARY

Time Mark Every 60 S

## Parameters

| DLIS Name | Description | Value | |
|---|---|---|---|
| | **RST-C: Reservoir Saturation Pro Tool C** | | |
| AIRB | RST Air Borehole | No | |
| BHS | Borehole Status | CASED | |
| BSALOPT | RST Borehole Salinity Option | Unknown | |
| BSFL | RST Borehole Salinity Filter Length | 51 | |
| DFPC | RST Depth Filter Processing Constant | One | |
| DFPC_TDTL | RST Depth Filter Processing Constant (TDT-like) | Two | |
| MATR | Rock Matrix for Neutron Porosity Corrections | SANDSTONE | |
| NORM_IRAT_RST | RST Normalized Inelastic Ratio | 0.48 | |
| NORM_SIGM_RST | RST Normalized Sigma | 30 | CU |
| RGAI | Near/Far Gain Calibration Ratio | 1 | |
| SMBMO | RST Sigma Mode Background Minitron Off | No | |
| TIER_SIGM | RST Sigma Acquisition Mode | 0_RST_Sigma | |
| | **PSPT-A/B: Production Services Logging Platform** | | |
| BHS | Borehole Status | CASED | |
| MATR | Rock Matrix for Neutron Porosity Corrections | SANDSTONE | |
| | **System and Miscellaneous** | | |
| BS | Bit Size | 8.500 | IN |
| BSAL | Borehole Salinity | -50000.00 | PPM |
| CSIZ | Current Casing Size | 7.000 | IN |
| CWEI | Casing Weight | 26.00 | LB/F |
| DO | Depth Offset for Playback | 0.2 | M |
| PP | Playback Processing | NORMAL | |

Format: RST_SIG_ANSW Vertical Scale: 1:200 Graphics File Created: 29-Aug-2006 12:46

## OP System Version: 14C0-302

MCM

| | | | |
|---|---|---|---|
| RST-C | 14C0-302 | PSPT-A/B | 14C0-302 |

## Input DLIS Files

| | | | | | | |
|---|---|---|---|---|---|---|
| DEFAULT | RST_PSP_019LUP | FN:18 | PRODUCER | 29-Aug-2006 12:04 | 2819.4 M | 2763.5 M |

## Output DLIS Files

| | | | | |
|---|---|---|---|---|
| DEFAULT | RST_PSP_022PUP | FN:21 | PRODUCER | 29-Aug-2006 12:46 |

Schlumberger

RST Base Line Gamma Ray
Minitron Off

MAXIS Field Log

Company: Esso Australia Ltd. Well: A−12a

## Input DLIS Files

| | | | | | | |
|---|---|---|---|---|---|---|
| DEFAULT | RST_PSP_018LUP | FN:17 | PRODUCER | 29−Aug−2006 11:46 | 2819.7 M | 2764.7 M |

## Output DLIS Files

| | | | | | | |
|---|---|---|---|---|---|---|
| DEFAULT | RST_PSP_086PUP | FN:82 | PRODUCER | 31−Aug−2006 08:15 | 2819.6 M | 2765.0 M |

## OP System Version: 14C0−302

MCM

| | | | |
|---|---|---|---|
| RST−C | 14C0−302 | PSPT−A/B | 14C0−302 |

PIP SUMMARY

Time Mark Every 60 S

Well Pressure (WPRE) (PSIA)

Tension (TENS) 0 (LBF) 2500

Amplified Well Pressure (WPRE) 0 (PSIA) 10

Perfo Zone From PERFO_CURVE to D3T

Well Pressure (WPRE) 3210 (PSIA) 3270

Gamma Ray (GR) 0 (GAPI) 150

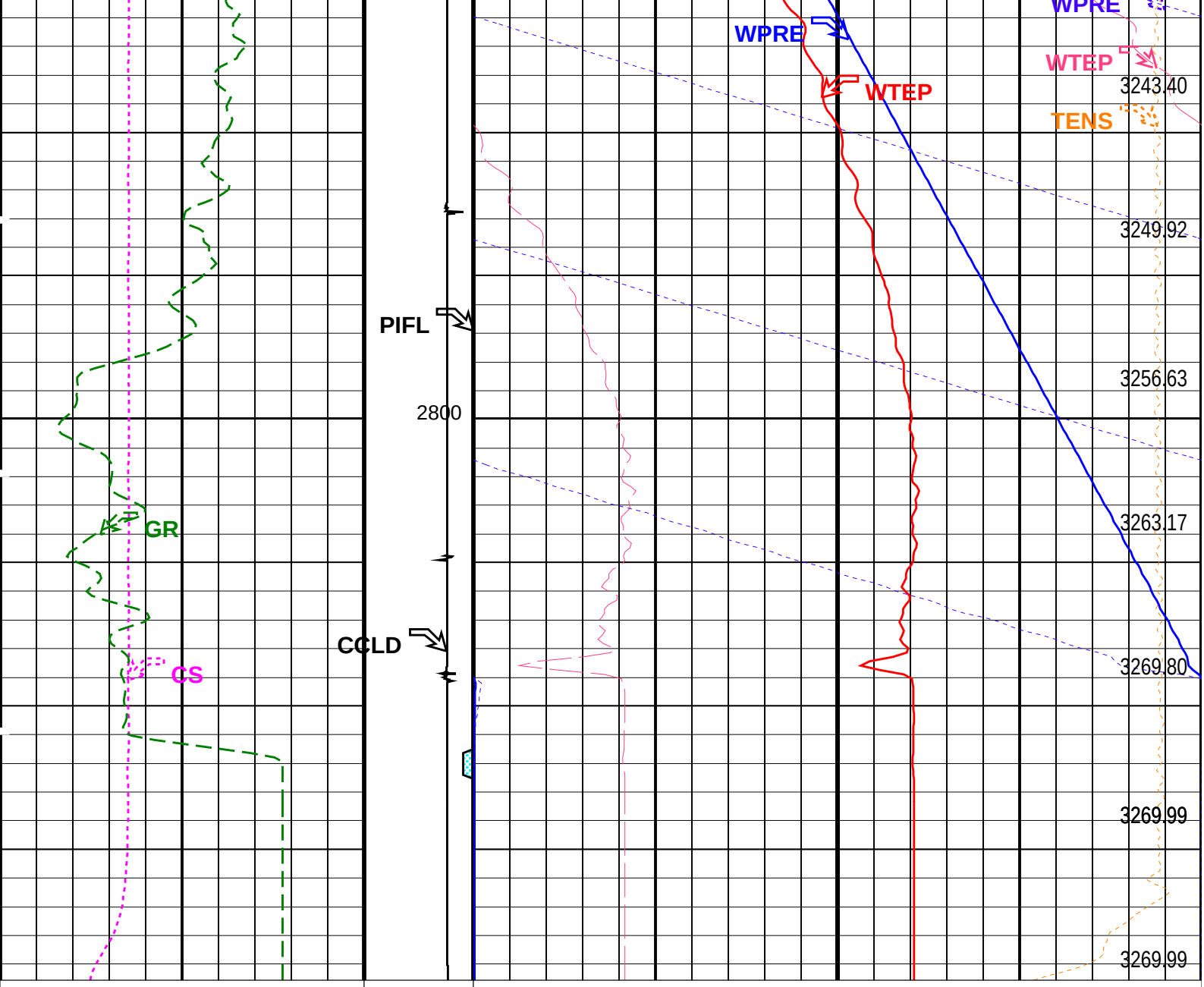
Discriminated CCL (CCLD) 3 (V) −1

Well Temperature (WTEP) 0 (DEGF) 1

Cable Speed (CS) 0 (F/HR) 5000

Perfo Zone (PIFL) 20 (−−−− 0

Well Temperature (WTEP) 230 (DEGF) 232




Cable Speed (CS)
0 (F/HR) 5000

Gamma Ray (GR)
0 (GAPI) 150

Perfo Zone (PIFL)
20 (---- 0

Discriminated CCL (CCLD)
3 (V) -1

Perfo Zone From PERFO_CURVE to D3T

Well Temperature (WTEP)
230 (DEGF) 232

Well Temperature (WTEP)
0 (DEGF) 1

Well Pressure (WPRE)
3210 (PSIA) 3270

Amplified Well Pressure (WPRE)
0 (PSIA) 10

Tension (TENS)
0 (LBF) 2500

Well Pressure (WPRE) (PSIA)

PIP SUMMARY

Time Mark Every 60 S

Format: PSP_1 Vertical Scale: 1:200 Graphics File Created: 31−Aug−2006 08:15

## OP System Version: 14C0−302

MCM

| | | | |
|---|---|---|---|
| RST−C | 14C0−302 | PSPT−A/B | 14C0−302 |

## Parameters

| DLIS Name | Description | Value |
|---|---|---|
| | System and Miscellaneous | |
| DO | Depth Offset for Playback | −0.2 M |
| PP | Playback Processing | NORMAL |

## Input DLIS Files

| | | | | | | |
|---|---|---|---|---|---|---|
| DEFAULT | RST_PSP_018LUP | FN:17 | PRODUCER | 29−Aug−2006 11:46 | 2819.7 M | 2764.7 M |

## Output DLIS Files

| | | | | |
|---|---|---|---|---|
| DEFAULT | RST_PSP_086PUP | FN:82 | PRODUCER | 31−Aug−2006 08:15 |

Company: **Esso Australia Ltd.**

Schlumberger

Well: **A−12a**
Field: **Flounder**
Rig : **Crane / Prod#4**
Country: **Australia**

RST−C Static Sigma Survey
WPP 2 1/8" Powerjet Perforating Record
MPBT 7" Posiset Plug