



Verification Listing

Listing Created: 19-MAR-2007 2:45:12
Version: 14C0-302

Input Source: D:\OP_Folder\Clients\Essco_Australia_Pty_Ltd\HLA_A16a\GUN\HLA A16a Tubing GR 19-Mar-07\DLIS\Tubing Space Out_024PUP.DLIS

Format: DLIS

Storage Set ID: Default Storage Set

Max Record Length: 8192

Storage Unit Sequence: 1

File Header

File: PERFO_024PUP

Sequence: 24

Defining Origin: 111

File ID: PERFO_024PUP

File Type: PLAYBACK

Producer Name: Schlumberger

Product/Version: OP 14C0-302

File Set: 41

File Number: 28

19-MAR-2007 1:37:45

Company Name: Esso Australia Pty Ltd.

Well Name: HLA A16a

Field Name: Halibut

Tool String: SHM_GUN, PGGT-CC

Computations: WELLCAD

Error Summary

File: PERFO_024PUP

Sequence: 24

No errors detected in file.

Well Site Data

File: PERFO_024PUP

Sequence: 24

Origin: 111

Well Data

| | | |
|----------------------------|-------------------------|------------|
| Company Name | Esso Australia Pty Ltd. | CN |
| Well Name | HLA A16a | WN |
| Field Name | Halibut | FN |
| Rig: | 453 | CLAB, COUN |
| State: | Victoria | SLAB, STAT |
| Nation | Australia | NATI |
| Field Location | Bass Strait | FL |
| | Gippsland Basin | FL1 |
| Longitude | 148° 19' 13.283"E | LONG |
| Latitude | 38° 24' 15.028"S | LATI |
| Maximum Hole Deviation | 17.0 (deg) | MHD |
| Elevation of Kelly Bushing | 29.5 (m) | EKB |
| Elevation of Ground Level | -72.5 (m) | EGL |
| Elevation of Derrick Floor | 29.5 (m) | EDF |
| Permanent Datum | Mean Sea Level | PDAT, EPD |
| Log Measured From | Drill Floor | LMF, APD |
| Drilling Measured From | Drill Floor | DMF |

Absent Valued Parameters: CN1, CONT, FL2, SECT, TOWN, RANG, APIN, SON

Job Data

| | | |
|------------------------|--------------------------|------------|
| Date as Month-Day-Year | 19-Mar-2007 | DATE |
| Run Number | 1 | RUN |
| Total Depth - Driller | 2536.0 (m) | TDD |
| Total Depth - Logger | 2526.8 (m) | TDL |
| Bottom Log Interval | 2448.0 (m) | BLI |
| Top Log Interval | 2277.0 (m) | TLI |
| Current Casing Size | 7.00 (in) | CSIZ |
| Casing Depth From | 11.4 (m) | CDF |
| Casing Depth To | 2425.0 (m) | CADT |
| Casing Grade | 13CR-80 | CASG |
| Casing Weight | 26.0 (lbm/ft) | CWEI |
| Bit Size | 8.50 (in) | BS |
| Bit Size Depth From | 545.0 (m) | BSDF |
| Bit Size Depth To | 2536.0 (m) | BSDT |
| Date Logger At Bottom | 19-Mar-2007 | DLAB, TLAB |
| Logging Unit Number | 93 | LUN, LUL |
| Engineer's Name | Chris Rowand | ENGI |
| Witness's Name | Mr B. Bigby / Mr C.Stead | WITN |

Absent Valued Parameters: SON

Mud Data

| | | |
|---------------------|-------|-----|
| Drilling Fluid Type | Brine | DFT |
|---------------------|-------|-----|

Absent Valued Parameters: DfV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT, MRT1, MRT2, MRT3, DCS, TCS

PVT Data

Absent Valued Parameters: ODEN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR

Cement Data

Cement Job Type

Primary

CJT

Absent Valued Parameters: CTOp, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA

Remarks

Correlated to LWD Petrophysical Analysis provided by client

Objective: to confirm the tubing space out, making sure the

Blast Joints cover the M-111 perforations.

Tubing RA Pip Tags were not clear

Operators = Kevin Kerr & Nathan Simmons (Days)

Gary Martin & Graige Harris (Nights)

R1

R2

R3

R4

R16

R17

Channels

File: PERFO_024PUP

Sequence: 24

Origin: 111

SHM_GUN: GUN

Spacing: -6.0 in

DCC DCV

Number of Channels: 2

Spacing: -1.0 in

SCCL

Number of Channels: 1

PGGT-CC: Powered Gun Gamma Ray - CC

Spacing: -6.0 in

GR RGR

Number of Channels: 2

Spacing: -1.0 in

CCL RCCL

Number of Channels: 2

System and Miscellaneous

Spacing: -6.0 in

BS CS CVEL ETIM TDEP TENS TIME

Number of Channels: 7

Spacing: -1.0 in

IDWD SCD SCDV TDEP;1 TIME;1

Number of Channels: 5

Frame Summary

File: PERFO_024PUP

Sequence: 24

Origin: 111

| <u>Index Type</u> | <u>Start</u> | <u>Stop</u> | <u>Spacing</u> | <u>Channels</u> | <u>Index Channel</u> | <u>Frame Name</u> |
|-------------------|--------------|-------------|-------------------|-----------------|----------------------|-------------------|
| BOREHOLE-DEPTH | 2449.37 | 2282.19 m | -60.0 (0.1 in) up | 11 | TDEP | 60B |
| | 8036.00 | 7487.50 ft | | | | |
| BOREHOLE-DEPTH | 2449.37 | 2282.22 m | -10.0 (0.1 in) up | 8 | TDEP;1 | 10B |
| | 8036.00 | 7487.58 ft | | | | |