

Input Source: D:\OP_Folder\Clients\Essso_2010\FLA_A23a\Essso Australia Pty Ltd. (Perf & Plug)\FLOUNDER, Bass Strait\FLA A23a\7 5-8inch Casing\DLIS\FLC
Format: DLIS **Max Record Length:** 8192
Storage Set ID: Default Storage Set **Storage Unit Sequence:** 1

File Header File: **CCL_069LUP** Sequence: **69****Defining Origin: 85**

File ID: CCL_069LUP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 17C0-154 File Set: 41 File Number: 81 20-FEB-2010 9:12:59
Company Name: Esso Australia Pty Ltd.
Well Name: FLOUNDER A23A
Field Name: FLOUNDER
Tool String: MPEX-DA, MPSU-CA, CCL-I
Computations: WELLCAD

Error Summary File: **CCL_069LUP** Sequence: **69**

No errors detected in file.

Well Site Data File: **CCL_069LUP** Sequence: **69****Origin: 85****Well Data**

| | | |
|----------------------------|--------------------------------------|------------|
| Company Name | Esso Australia Pty Ltd. | CN |
| Well Name | FLOUNDER A23A | WN |
| Field Name | FLOUNDER | FN |
| Rig: | Crane / Prod#4 | CLAB, COUN |
| State: | Victoria | SLAB, STAT |
| Nation | Australia | NATI |
| Field Location | Gippsland | FL |
| | Basin | FL1 |
| | Bass Strait | FL2 |
| Service Order Number | AUSL07336256 | SON |
| Longitude | 148°06'15.1"E | LONG |
| Latitude | 38°18'45.2"S | LATI |
| Maximum Hole Deviation | 48.8 (deg) | MHD |
| Elevation of Kelly Bushing | 33.2 (m) | EKB |
| Elevation of Ground Level | -94.0 (m) | EGL |
| Elevation of Derrick Floor | 33.2 (m) | EDF |
| Permanent Datum | M.S.L | PDAT, EPD |
| Log Measured From | DF | LMF, APD |
| Drilling Measured From | DF | DMF |
| | Elevation of Permanent Datum 0.0 (m) | |
| | Above Permanent Datum 33.2 (m) | |

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

Job Data

| | | |
|------------------------|------------------------|------------|
| Date as Month-Day-Year | 19-Feb-2010 | DATE |
| Run Number | 1 | RUN |
| Total Depth - Driller | 3508.0 (m) | TDD |
| Total Depth - Logger | 3155.0 (m) | TDL |
| Bottom Log Interval | 3141.0 (m) | BLI |
| Top Log Interval | 3139.0 (m) | TLI |
| Current Casing Size | 7.63 (in) | CSIZ |
| Casing Depth From | 16.7 (m) | CDF |
| Casing Depth To | 3501.0 (m) | CADT |
| Casing Grade | L -80 | CASG |
| Casing Weight | 29.7 (lbm/ft) | CWEI |
| Bit Size | 9.88 (in) | BS |
| Bit Size Depth From | 644.0 (m) | BSDF |
| Bit Size Depth To | 3508.0 (m) | BSDT |
| Date Logger At Bottom | 19-Feb-2010 | DLAB, TLAB |
| Logging Unit Number | 889 | LUN, LUL |
| Engineer's Name | C.Rowand / W.MacKenzie | ENGI |
| Witness's Name | G.Rimmer | WITN |
| Service Order Number | AUSL07336256 | SON |

Mud Data

| | | | |
|--|------------------|-----------------------|------------|
| Mud Data | | | DFT |
| Drilling Fluid Type | Production Fluid | | DFD |
| Drilling Fluid Density | 1.05 (g/cm3) | | MRT |
| Maximum Recorded Temperature | 228.0 (degF) | | MRT1 |
| | 228.0 (degF) | | DLAB, TLAB |
| Date Logger At Bottom | 19-Feb-2010 | Time Logger At Bottom | 11:54 |
| Absent Valued Parameters: DfV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, 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 | | | |
| Log referenced to Solar composite log provided by client . | | | R1 |
| Log correlated to RST Sigma Log of 14-Feb-2007. | | | R2 |
| Objective: perforate 3139.0 – 3141.0m with 2–1/8" Ph. Powerjets, | | | R3 |
| set 7–5/8" MPBT plug at 3148.0m and dump 1.0m of cement. | | | R4 |
| Gun #1: 3139.0 – 3141.0m. SAFE firing system used. | | | R6 |
| MPBT Plug (H405320) set at 3147.0m, due to noisy CCL at 3148m. | | | R8 |
| 1m of water and cement dumped on top | | | R9 |
| 2–1/8" Ph. Powerjet API data:– | | | R11 |
| – Penetration 27.2" | | | R12 |
| – Entrance hole 0.32" | | | R13 |
| Other Services | | | |
| RST–C | | | OS1 |
| Cement Bailers | | | OS2 |

| | | | | | | |
|--|--------------|-------------|-------------------|-----------------|----------------------|-------------------|
| Frame Summary File: CCL_069LUP Sequence: 69 | | | | | | |
| Origin: 85 | | | | | | |
| <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 | 3151.78 | 3139.90 m | –60.0 (0.1 in) up | 15 | TDEP | 60B |
| | 10340.50 | 10301.50 ft | | | | |
| BOREHOLE–DEPTH | 3151.78 | 3139.92 m | –10.0 (0.1 in) up | 12 | TDEP;1 | 10B |
| | 10340.50 | 10301.58 ft | | | | |

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|--|--|--|-----------------------------|--|
|  | | | Verification Listing | Listing Completed: 22–FEB–2010 14:37:09 |
|--|--|--|-----------------------------|--|