

Input Source: D:\OP_Folder\Clients\Eso2008\HLA_A-7a\GUN\COMP_HLA_A7A_COMP_034.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **PERFO_028LUP** Sequence: **1**

Defining Origin: 96

File ID: PERFO_028LUP File Type: DEPTH LOG

Producer Name: Schlumberger

Product/Version: OP 14C0-302

File Set: 41

File Number: 27

14-JAN-2008 14:07:00

Company Name: Esso Australia Pty Ltd.

Well Name: A-7a

Field Name: Halibut

Tool String: MWP_GUN, MWPT-CA, MWGT-AA

Computations: WELLCAD, BORDYN

Error Summary File: **PERFO_028LUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **PERFO_028LUP** Sequence: **1**

Origin: 96

Well Data

| | | |
|----------------------------|-------------------------|------------|
| Company Name | Esso Australia Pty Ltd. | CN |
| Well Name | A-7a | WN |
| Field Name | Halibut | FN |
| Rig: | Crane | CLAB, COUN |
| State: | Victoria | SLAB, STAT |
| Nation | Australia | NATI |
| Field Location | Gippsland | FL |
| | Basin | FL1 |
| | Bass Strait | FL2 |
| Service Order Number | AUSL08589240 | SON |
| Longitude | 148°19' 07.62"E | LONG |
| Latitude | 38° 24' 20.36"S | LATI |
| Maximum Hole Deviation | 43.0 (deg) | MHD |
| Elevation of Kelly Bushing | 29.5 (m) | EKB |
| Elevation of Ground Level | -73.0 (m) | EGL |
| Elevation of Derrick Floor | 29.5 (m) | EDF |
| Permanent Datum | M.S.L | PDAT, EPD |
| Log Measured From | K.B | LMF, APD |
| Drilling Measured From | K.B | DMF |

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

Job Data

| | | |
|------------------------|------------------|------------|
| Date as Month-Day-Year | 14-Jan-2008 | DATE |
| Run Number | 1 | RUN |
| Total Depth - Driller | 3034.0 (m) | TDD |
| Total Depth - Logger | 2950.0 (m) | TDL |
| Bottom Log Interval | 2950.0 (m) | BLI |
| Top Log Interval | 2790.0 (m) | TLI |
| Current Casing Size | 7.00 (in) | CSIZ |
| Casing Depth From | -1.32 (m) | CDF |
| Casing Depth To | 3034.0 (m) | CADT |
| Casing Grade | L-80 | CASG |
| Casing Weight | 26.0 (lbm/ft) | CWEI |
| Bit Size | 8.50 (in) | BS |
| Bit Size Depth From | 515.0 (m) | BSDF |
| Bit Size Depth To | 3038.0 (m) | BSDT |
| Date Logger At Bottom | 14-Jan-2008 | DLAB, TLAB |
| Logging Unit Number | 889 | LUN, LUL |
| Engineer's Name | G Wright, R Sani | ENGI |
| Witness's Name | G Rimmer | WITN |
| Service Order Number | AUSL08589240 | SON |

Mud Data

| | | | |
|---|-------------|-----------------------|------------|
| Mud Data | | Production Fluids | DFT |
| Drilling Fluid Type | | 107.8 (degC) | MRT |
| Maximum Recorded Temperature | | 107.8 (degC) | MRT1 |
| Date Logger At Bottom | 14-Jan-2008 | Time Logger At Bottom | 9:00 |
| | | | DLAB, TLAB |
| Absent Valued Parameters: DFD, 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 correlated to Solar Composite log supplied with logging program. | | | R1 |
| Maximum well deviation = 43 deg at 1557m MDKB. | | | R2 |
| RST-C Sigma Survey with the well shut-in at 900ft/hr. | | | R3 |
| SBHT = | | | R4 |
| SBHP = | | | R5 |
| Well was flowed approximately | | | R6 |
| RST-C Sigma survey with the well flowing at 900 ft/hr. | | | R7 |
| FBHP = | | | R8 |
| FBHT = | | | R9 |
| Schlumberger Crew: C Shiells, P Lawrence | | | R12 |
| Other Services | | | |
| 2-1/8" Powerjet | | | OS1 |

| | | | |
|----------------------|--------------|--------------------|----------------------|
| Frame Summary | | File: PERFO_028LUP | Sequence: 1 |
| Origin: 96 | | | |
| <u>Index Type</u> | <u>Start</u> | <u>Stop</u> | <u>Spacing</u> |
| BOREHOLE-DEPTH | 2870.91 | 2814.52 m | -60.0 (0.1 in) up |
| | 9419.00 | 9234.00 ft | |
| | | | <u>Channels</u> |
| | | | 22 |
| | | | <u>Index Channel</u> |
| | | | TDEP |
| | | | <u>Frame Name</u> |
| | | | 60B |
| BOREHOLE-DEPTH | 2870.91 | 2814.55 m | -10.0 (0.1 in) up |
| | 9419.00 | 9234.08 ft | |
| | | | 10 |
| | | | TDEP;1 |
| | | | 10B |

| | | | |
|-----------------------------|---------------------------|------------------------------|----------------------|
| File Header | | File: PERFO_029LTP | Sequence: 2 |
| Defining Origin: 96 | | | |
| File ID: PERFO_029LTP | | File Type: STATION | |
| Producer Name: Schlumberger | | Product/Version: OP 14C0-302 | File Set: 41 |
| | | File Number: 28 | 14-JAN-2008 14:13:03 |
| Company Name: | Esso Australia Pty Ltd. | | |
| Well Name: | A-7a | | |
| Field Name: | Halibut | | |
| Tool String: | MWP_GUN, MWPT-CA, MWGT-AA | | |
| Computations: | WELLCAD, BORDYN | | |

| | | | |
|-----------------------------|--|--------------------|-------------|
| Error Summary | | File: PERFO_029LTP | Sequence: 2 |
| No errors detected in file. | | | |

| | | | |
|-----------------------|-------------------------|--------------------|-------------|
| Well Site Data | | File: PERFO_029LTP | Sequence: 2 |
| Origin: 96 | | | |
| Well Data | | | |
| Company Name | Esso Australia Pty Ltd. | | CN |
| Well Name | A-7a | | WN |
| Field Name | Halibut | | FN |
| Rig: | Crane | | CLAB, COUN |
| State: | Victoria | | SLAB, STAT |
| Nation | Australia | | NATI |
| Field Location | Gippsland | | FL |
| | Basin | | FL1 |
| | Bass Strait | | FL2 |
| Service Order Number | AUSL08589240 | | SON |
| Longitude | 148°19' 07.62"E | | LONG |
| Latitude | 38° 24' 20.36"S | | LATI |

Latitude

38 24 20.30 S

Maximum Hole Deviation

43.0 (deg)

Elevation of Kelly Bushing

29.5 (m)

Elevation of Ground Level

-73.0 (m)

Elevation of Derrick Floor

29.5 (m)

Permanent Datum

M.S.L

Log Measured From

K.B

Drilling Measured From

K.B

Elevation of Permanent Datum

0.0 (m)

Above Permanent Datum

29.5 (m)

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

Job Data

Date as Month-Day-Year

14-Jan-2008

Run Number

1

Total Depth - Driller

3034.0 (m)

Total Depth - Logger

2950.0 (m)

Bottom Log Interval

2950.0 (m)

Top Log Interval

2790.0 (m)

Current Casing Size

7.00 (in)

Casing Depth From

-1.32 (m)

Casing Depth To

3034.0 (m)

Casing Grade

L-80

Casing Weight

26.0 (lbm/ft)

Bit Size

8.50 (in)

Bit Size Depth From

515.0 (m)

Bit Size Depth To

3038.0 (m)

Date Logger At Bottom

14-Jan-2008

Logging Unit Number

889

Engineer's Name

G Wright, R Sani

Witness's Name

G Rimmer

Service Order Number

AUSL08589240

DATE

RUN

TDD

TDL

BLI

TLI

CSIZ

CDF

CADT

CASG

CWEI

BS

BSDF

BSDT

DLAB, TLAB

LUN, LUL

ENGI

WITN

SON

Mud Data

Drilling Fluid Type

Production Fluids

Maximum Recorded Temperature

107.8 (degC)

107.8 (degC)

Date Logger At Bottom

14-Jan-2008

Time Logger At Bottom

9:00

Absent Valued Parameters: DFD, 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

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

Remarks

Log correlated to Solar Composite log supplied with logging program.

Maximum well deviation = 43 deg at 1557m MDKB.

RST-C Sigma Survey with the well shut-in at 900ft/hr.

SBHT =

SBHP =

Well was flowed approximately

RST-C Sigma survey with the well flowing at 900 ft/hr.

FBHP =

FBHT =

Schlumberger Crew: C Shiells, P Lawrence

Other Services

2-1/8" Powerjet

| Frame Summary | | | | | | |
|--------------------|--------------|-------------|-----------------|-----------------|----------------------|-------------------|
| File: PERFO_029LTP | | Sequence: 2 | | | | |
| Origin: 96 | | | | | | |
| <u>Index Type</u> | <u>Start</u> | <u>Stop</u> | <u>Spacing</u> | <u>Channels</u> | <u>Index Channel</u> | <u>Frame Name</u> |
| TIME | 3178.81 | 3861.81 s | 2000.0 (0.5 ms) | 5 | TIME;2 | 2000T |
| TIME | 3178.81 | 3861.81 s | 1000.0 (0.5 ms) | 14 | TIME;3 | 1000T |
| TIME | 3178.81 | 3862.06 s | 500.0 (0.5 ms) | 4 | TIME;4 | 500T |

File Header

File: PERFO_027LUP

Sequence: 3

Defining Origin: 96

| | | | | |
|-----------------------------|------------------------------|--------------|-----------------|----------------------|
| File ID: PERFO_027LUP | File Type: DEPTH LOG | | | |
| Producer Name: Schlumberger | Product/Version: OP 14C0-302 | File Set: 41 | File Number: 26 | 14-JAN-2008 13:56:05 |
| Company Name: | Esso Australia Pty Ltd. | | | |
| Well Name: | A-7a | | | |
| Field Name: | Halibut | | | |
| Tool String: | MWP_GUN, MWPT-CA, MWGT-AA | | | |
| Computations: | WELLCAD, BORDYN | | | |

Error Summary File: PERFO_027LUP Sequence: 3

No errors detected in file.

Well Site Data File: PERFO_027LUP Sequence: 3

Origin: 96

Well Data

| | | |
|----------------------------|---|------------|
| Company Name | Esso Australia Pty Ltd. | CN |
| Well Name | A-7a | WN |
| Field Name | Halibut | FN |
| Rig: | Crane | CLAB, COUN |
| State: | Victoria | SLAB, STAT |
| Nation | Australia | NATI |
| Field Location | Gippsland | FL |
| | Basin | FL1 |
| | Bass Strait | FL2 |
| Service Order Number | AUSL08589240 | SON |
| Longitude | 148°19' 07.62"E | LONG |
| Latitude | 38° 24' 20.36"S | LATI |
| Maximum Hole Deviation | 43.0 (deg) | MHD |
| Elevation of Kelly Bushing | 29.5 (m) | EKB |
| Elevation of Ground Level | -73.0 (m) | EGL |
| Elevation of Derrick Floor | 29.5 (m) | EDF |
| Permanent Datum | M.S.L | PDAT, EPD |
| Log Measured From | K.B | LMF, APD |
| Drilling Measured From | K.B | DMF |
| | Elevation of Permanent Datum 0.0 (m) | |
| | Above Permanent Datum 29.5 (m) | |

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

Job Data

| | | |
|------------------------|--|------------|
| Date as Month-Day-Year | 14-Jan-2008 | DATE |
| Run Number | 1 | RUN |
| Total Depth - Driller | 3034.0 (m) | TDD |
| Total Depth - Logger | 2950.0 (m) | TDL |
| Bottom Log Interval | 2950.0 (m) | BLI |
| Top Log Interval | 2790.0 (m) | TLI |
| Current Casing Size | 7.00 (in) | CSIZ |
| Casing Depth From | -1.32 (m) | CDF |
| Casing Depth To | 3034.0 (m) | CADT |
| Casing Grade | L-80 | CASG |
| Casing Weight | 26.0 (lbm/ft) | CWEI |
| Bit Size | 8.50 (in) | BS |
| Bit Size Depth From | 515.0 (m) | BSDF |
| Bit Size Depth To | 3038.0 (m) | BSDT |
| Date Logger At Bottom | 14-Jan-2008 | DLAB, TLAB |
| Logging Unit Number | 889 | LUN, LUL |
| Engineer's Name | G Wright, R Sani | ENGI |
| Witness's Name | G Rimmer | WITN |
| Service Order Number | AUSL08589240 | SON |
| | Time Logger At Bottom 9:00 | |
| | Logging Unit Location Prod 4 / AUSL | |

Mud Data

| | | |
|------------------------------|-------------------------------|------------|
| Drilling Fluid Type | Production Fluids | DFT |
| Maximum Recorded Temperature | 107.8 (degC) | MRT |
| | 107.8 (degC) | MRT1 |
| Date Logger At Bottom | 14-Jan-2008 | DLAB, TLAB |
| | Time Logger At Bottom 9:00 | |

Absent Valued Parameters: DFD, 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 |
|-----------------|---------|-----|

Remarks

| | |
|--|-----|
| Log correlated to Solar Composite log supplied with logging program. | R1 |
| Maximum well deviation = 43 deg at 1557m MDKB. | R2 |
| RST-C Sigma Survey with the well shut-in at 900ft/hr. | R3 |
| SBHT = | R4 |
| SBHP = | R5 |
| Well was flowed approximately | R6 |
| RST-C Sigma survey with the well flowing at 900 ft/hr. | R7 |
| FBHP = | R8 |
| FBHT = | R9 |
| Schlumberger Crew: C Shiells, P Lawrence | R12 |

Other Services

| | |
|-----------------|-----|
| 2-1/8" Powerjet | OS1 |
|-----------------|-----|

Frame Summary File: PERFO_027LUP Sequence: 3

Origin: 96

| Index Type | Start | Stop | Spacing | Channels | Index Channel | Frame Name |
|----------------|---------|------------|-------------------|----------|---------------|------------|
| BOREHOLE-DEPTH | 2869.54 | 2817.27 m | -60.0 (0.1 in) up | 22 | TDEP | 60B |
| | 9414.50 | 9243.00 ft | | | | |
| BOREHOLE-DEPTH | 2869.54 | 2817.29 m | -10.0 (0.1 in) up | 10 | TDEP,1 | 10B |
| | 9414.50 | 9243.08 ft | | | | |

File Header File: RST_PSP_014PUP Sequence: 4

Defining Origin: 54

| | | | | | |
|-----------------------------|------------------------------|--------------|-----------------|----------------------|--|
| File ID: RST_PSP_014PUP | File Type: PLAYBACK | | | | |
| Producer Name: Schlumberger | Product/Version: OP 14C0-302 | File Set: 41 | File Number: 13 | 14-JAN-2008 10:38:01 | |
| Company Name: | Esso Australia Pty Ltd. | | | | |
| Well Name: | A-7a | | | | |
| Field Name: | Halibut | | | | |
| Tool String: | RST-C, PSPT-A/B | | | | |
| Computations: | WELLCAD, BORDYN | | | | |

Error Summary File: RST_PSP_014PUP Sequence: 4

No errors detected in file.

Well Site Data File: RST_PSP_014PUP Sequence: 4

Origin: 54

Well Data

| | | |
|----------------------------|------------------------------|------------|
| Company Name | Esso Australia Pty Ltd. | CN |
| Well Name | A-7a | WN |
| Field Name | Halibut | FN |
| Rig: | Crane | CLAB, COUN |
| State: | Victoria | SLAB, STAT |
| Nation | Australia | NATI |
| Field Location | Gippsland | FL |
| | Basin | FL1 |
| | Bass Strait | FL2 |
| Service Order Number | AUSL08589240 | SON |
| Longitude | 148°19' 07.62"E | LONG |
| Latitude | 38° 24' 20.36"S | LATI |
| Maximum Hole Deviation | 43.0 (deg) | MHD |
| Elevation of Kelly Bushing | 29.5 (m) | EKB |
| Elevation of Ground Level | -73.0 (m) | EGL |
| Elevation of Derrick Floor | 29.5 (m) | EDF |
| Permanent Datum | M.S.L | PDAT, EPD |
| Log Measured From | K.B | LMF, APD |
| Drilling Measured From | K.B | DMF |
| | Elevation of Permanent Datum | 0.0 (m) |
| | Above Permanent Datum | 29.5 (m) |

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

Job Data

| | | |
|------------------------|-------------|------|
| Date as Month-Day-Year | 14-Jan-2008 | DATE |
| Run Number | 1 | RUN |

| | | | | |
|--|-------------------|-----------------------|---------------|------------|
| Run Number | 1 | | | RUN |
| Total Depth – Driller | 3034.0 (m) | | | TDD |
| Total Depth – Logger | 2950.0 (m) | | | TDL |
| Bottom Log Interval | 2950.0 (m) | | | BLI |
| Top Log Interval | 2790.0 (m) | | | TLI |
| Current Casing Size | 7.00 (in) | | | CSIZ |
| Casing Depth From | –1.32 (m) | | | CDF |
| Casing Depth To | 3034.0 (m) | | | CADT |
| Casing Grade | L–80 | | | CASG |
| Casing Weight | 26.0 (lbm/ft) | | | CWEI |
| Bit Size | 8.50 (in) | | | BS |
| Bit Size Depth From | 515.0 (m) | | | BSDF |
| Bit Size Depth To | 3038.0 (m) | | | BSDT |
| Date Logger At Bottom | 14–Jan–2008 | Time Logger At Bottom | 9:00 | DLAB, TLAB |
| Logging Unit Number | 889 | Logging Unit Location | Prod 4 / AUSL | LUN, LUL |
| Engineer's Name | G Wright, R Sani | | | ENGI |
| Witness's Name | G Rimmer | | | WITN |
| Service Order Number | AUSL08589240 | | | SON |
| Mud Data | | | | |
| Drilling Fluid Type | Production Fluids | | | DFT |
| Maximum Recorded Temperature | 107.8 (degC) | | | MRT |
| | 107.8 (degC) | | | MRT1 |
| Date Logger At Bottom | 14–Jan–2008 | Time Logger At Bottom | 9:00 | DLAB, TLAB |
| Absent Valued Parameters: DFD, DFV, DFL, DFP, 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 correlated to Solar Composite log supplied with logging program. | | | | R1 |
| Maximum well deviation = 43 deg at 1557m MDKB. | | | | R2 |
| RST–C Sigma Survey with the well shut–in at 900ft/hr. | | | | R3 |
| SBHT = | | | | R4 |
| SBHP = | | | | R5 |
| Well was flowed approximately | | | | R6 |
| RST–C Sigma survey with the well flowing at 900 ft/hr. | | | | R7 |
| FBHP = | | | | R8 |
| FBHT = | | | | R9 |
| Schlumberger Crew: C Shiells, P Lawrence | | | | R12 |
| Other Services | | | | |
| 2–1/8" Powerjet | | | | OS1 |

| | | | | | | | | |
|----------------------|--------------|-------------|-------------------|-----------------|----------------------|-------------------|-----------------------------|--------------------|
| Frame Summary | | | | | | | File: RST_PSP_014PUP | Sequence: 4 |
| Origin: 54 | | | | | | | | |
| <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 | 2955.49 | 2809.80 m | -60.0 (0.1 in) up | 121 | TDEP | 60B | | |
| | 9696.50 | 9218.50 ft | | | | | | |
| BOREHOLE-DEPTH | 2955.49 | 2809.98 m | -10.0 (0.1 in) up | 7 | TDEP;1 | 10B | | |
| | 9696.50 | 9219.08 ft | | | | | | |

| | | | |
|--|-------------------------|------------------------------|---------------------|
| File Header | | File: RST_PSP_009LTP | Sequence: 5 |
| Defining Origin: 54 | | | |
| File ID: RST_PSP_009LTP File Type: STATION | | | |
| Producer Name: Schlumberger | | Product/Version: OP 14C0-302 | File Set: 41 |
| | | File Number: 8 | 14-JAN-2008 9:01:11 |
| Company Name: | Esso Australia Pty Ltd. | | |
| Well Name: | A-7a | | |
| Field Name: | Halibut | | |
| Tool String: | RST-C, PSPT-A/B | | |
| Computations: | WELLCAD, BORDYN | | |

Well Site DataFile: RST_PSP_009LTPSequence: 5

Origin: 54

Well Data

| | | |
|--------------------------------------|-------------------------|------------|
| Company Name | Esso Australia Pty Ltd. | CN |
| Well Name | A-7a | WN |
| Field Name | Halibut | FN |
| Rig: | Crane | CLAB, COUN |
| State: | Victoria | SLAB, STAT |
| Nation | Australia | NATI |
| Field Location | Gippsland | FL |
| | Basin | FL1 |
| | Bass Strait | FL2 |
| Service Order Number | AUSL08589240 | SON |
| Longitude | 148°19' 07.62"E | LONG |
| Latitude | 38° 24' 20.36"S | LATI |
| Maximum Hole Deviation | 43.0 (deg) | MHD |
| Elevation of Kelly Bushing | 29.5 (m) | EKB |
| Elevation of Ground Level | -73.0 (m) | EGL |
| Elevation of Derrick Floor | 29.5 (m) | EDF |
| Permanent Datum | M.S.L | PDAT, EPD |
| Log Measured From | K.B | LMF, APD |
| Drilling Measured From | K.B | DMF |
| Elevation of Permanent Datum 0.0 (m) | | |
| Above Permanent Datum 29.5 (m) | | |

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

Job Data

| | | |
|-------------------------------------|------------------|------------|
| Date as Month-Day-Year | 14-Jan-2008 | DATE |
| Run Number | 1 | RUN |
| Total Depth – Driller | 3034.0 (m) | TDD |
| Total Depth – Logger | 2950.0 (m) | TDL |
| Bottom Log Interval | 2950.0 (m) | BLI |
| Top Log Interval | 2790.0 (m) | TLI |
| Current Casing Size | 7.00 (in) | CSIZ |
| Casing Depth From | -1.32 (m) | CDF |
| Casing Depth To | 3034.0 (m) | CADT |
| Casing Grade | L-80 | CASG |
| Casing Weight | 26.0 (lbm/ft) | CWEI |
| Bit Size | 8.50 (in) | BS |
| Bit Size Depth From | 515.0 (m) | BSDF |
| Bit Size Depth To | 3038.0 (m) | BSDT |
| Date Logger At Bottom | 14-Jan-2008 | DLAB, TLAB |
| Logging Unit Number | 889 | LUN, LUL |
| Engineer's Name | G Wright, R Sani | ENGI |
| Witness's Name | G Rimmer | WITN |
| Service Order Number | AUSL08589240 | SON |
| Time Logger At Bottom 9:00 | | |
| Logging Unit Location Prod 4 / AUSL | | |

Mud Data

| | | |
|------------------------------|-------------------|------------|
| Drilling Fluid Type | Production Fluids | DFT |
| Maximum Recorded Temperature | 107.8 (degC) | MRT |
| | 107.8 (degC) | MRT1 |
| Date Logger At Bottom | 14-Jan-2008 | DLAB, TLAB |
| Time Logger At Bottom 9:00 | | |

Absent Valued Parameters: DFD, 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 correlated to Solar Composite log supplied with logging program. | R1 |
| Maximum well deviation = 43 deg at 1557m MDKB. | R2 |
| RST-C Sigma Survey with the well shut-in at 900ft/hr. | R3 |
| SBHT = | R4 |
| SBHP = | R5 |
| Well was flowed approximately | R6 |
| RST-C Sigma survey with the well flowing at 900 ft/hr. | R7 |
| FBHP = | R8 |
| FBHT = | R9 |

2-1/8" Powerjet

OS1

Frame Summary

| <u>Index Type</u> | <u>Start</u> | <u>Stop</u> | <u>Spacing</u> | <u>Channels</u> | <u>Index Channel</u> | <u>Frame Name</u> |
|-------------------|--------------|-------------|-----------------|-----------------|----------------------|-------------------|
| TIME | 3548.37 | 6932.37 s | 2000.0 (0.5 ms) | 16 | TIME;2 | 2000T |

File Header

| | | | | |
|---|-------------------------|------------------------------|--------------|-----------------|
| File ID: RST_PSP_013PUP File Type: PLAYBACK | | | | |
| Producer Name: Schlumberger | | Product/Version: OP 14C0-302 | File Set: 41 | File Number: 12 |
| 14-JAN-2008 10:36:33 | | | | |
| Company Name: | Esso Australia Pty Ltd. | | | |
| Well Name: | A-7a | | | |
| Field Name: | Halibut | | | |
| Tool String: | RST-C, PSPT-A/B | | | |
| Computations: | WELLCAD, BORDYN | | | |

Error Summary

No errors detected in file.

Well Site Data

Well Data

| | | |
|----------------------------|-------------------------|------------|
| Company Name | Esso Australia Pty Ltd. | CN |
| Well Name | A-7a | WN |
| Field Name | Halibut | FN |
| Rig: | Crane | CLAB, COUN |
| State: | Victoria | SLAB, STAT |
| Nation | Australia | NATI |
| Field Location | Gippsland | FL |
| | Basin | FL1 |
| | Bass Strait | FL2 |
| Service Order Number | AUSL08589240 | SON |
| Longitude | 148°19' 07.62"E | LONG |
| Latitude | 38° 24' 20.36"S | LATI |
| Maximum Hole Deviation | 43.0 (deg) | MHD |
| Elevation of Kelly Bushing | 29.5 (m) | EKB |
| Elevation of Ground Level | -73.0 (m) | EGL |
| Elevation of Derrick Floor | 29.5 (m) | EDF |
| Permanent Datum | M.S.L | PDAT, EPD |
| Log Measured From | K.B | LMF, APD |
| Drilling Measured From | K.B | DMF |

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

| | | |
|------------------------|---------------|------|
| Date as Month-Day-Year | 14-Jan-2008 | DATE |
| Run Number | 1 | RUN |
| Total Depth – Driller | 3034.0 (m) | TDD |
| Total Depth – Logger | 2950.0 (m) | TDL |
| Bottom Log Interval | 2950.0 (m) | BLI |
| Top Log Interval | 2790.0 (m) | TLI |
| Current Casing Size | 7.00 (in) | CSIZ |
| Casing Depth From | -1.32 (m) | CDF |
| Casing Depth To | 3034.0 (m) | CADT |
| Casing Grade | L-80 | CASG |
| Casing Weight | 26.0 (lbm/ft) | CWEI |
| Bit Size | 8.50 (in) | BS |
| Bit Size Depth From | 515.0 (m) | BSDF |
| Bit Size Depth To | 3038.0 (m) | BSDT |

Bit Size

Depth

14-Jan-2008

889

G Wright, R Sani

G Rimmer

AUSL08589240

Time Logger At Bottom

9:00

Logging Unit Location

Prod 4 / AUSL

DLAB, TLAB

LUN, LUL

ENGI

WITN

SON

Mud Data

Drilling Fluid Type

Production Fluids

Maximum Recorded Temperature

107.8 (degC)

107.8 (degC)

Date Logger At Bottom

14-Jan-2008

Time Logger At Bottom

9:00

DFT

MRT

MRT1

DLAB, TLAB

Absent Valued Parameters: DFD, 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 correlated to Solar Composite log supplied with logging program.

Maximum well deviation = 43 deg at 1557m MDKB.

RST-C Sigma Survey with the well shut-in at 900ft/hr.

SBHT =

SBHP =

Well was flowed approximately

RST-C Sigma survey with the well flowing at 900 ft/hr.

FBHP =

FBHT =

Schlumberger Crew: C Shiells, P Lawrence

R1

R2

R3

R4

R5

R6

R7

R8

R9

R12

Other Services

2-1/8" Powerjet

OS1

| Frame Summary File: RST_PSP_013PUP Sequence: 6 | | | | | | |
|--|---------|------------|-------------------|----------|---------------|------------|
| Origin: 54 | | | | | | |
| Index Type | Start | Stop | Spacing | Channels | Index Channel | Frame Name |
| BOREHOLE-DEPTH | 2962.50 | 2770.17 m | -60.0 (0.1 in) up | 121 | TDEP | 60B |
| | 9719.50 | 9088.50 ft | | | | |
| BOREHOLE-DEPTH | 2962.50 | 2770.35 m | -10.0 (0.1 in) up | 7 | TDEP;1 | 10B |
| | 9719.50 | 9089.08 ft | | | | |

Schlumberger

Verification Listing

Listing Completed: 14-JAN-2008 16:08:19