

Input Source: D:\OP_Folder\Clients\ExxonMobil\FLA_A19_06\GUN\COMP_A_19A_COMP_048.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **PERFO_011LUP** Sequence: **1**

Defining Origin: 65

File ID: PERFO_011LUP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 14C0-302 File Set: 41 File Number: 9 27-AUG-2006 13:08:39
Company Name: Esso Australia Ltd.
Well Name: A-19
Field Name: Flounder
Tool String: MWP_GUN, MWPT-CA, MWGT-AA
Computations: WELLCAD, BORDYN

Error Summary File: **PERFO_011LUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **PERFO_011LUP** Sequence: **1**

Origin: 65

Well Data

| | | |
|----------------------------|---------------------|------------|
| Company Name | Esso Australia Ltd. | CN |
| Well Name | A-19 | WN |
| Field Name | Flounder | FN |
| Rig : | Prod4 / Crane | CLAB, COUN |
| State: | Victoria | SLAB, STAT |
| Nation | Australia | NATI |
| Field Location | Gippsland | FL |
| | Basin | FL1 |
| | Bass Strait | FL2 |
| Service Order Number | AUSL | SON |
| Longitude | 148 26' 17.735" E | LONG |
| Latitude | 038 18' 44.633" S | LATI |
| Maximum Hole Deviation | 48.0 (deg) | MHD |
| Elevation of Kelly Bushing | 48.8 (m) | EKB |
| Elevation of Ground Level | 93.0 (m) | EGL |
| Elevation of Derrick Floor | 48.8 (m) | EDF |
| Permanent Datum | M.S.L | PDAT, EPD |
| Log Measured From | D.F | LMF, APD |
| Drilling Measured From | D.F | DMF |

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

Job Data

| | | |
|------------------------|---------------------|------------|
| Date as Month-Day-Year | 27-Aug-2006 | DATE |
| Run Number | One | RUN |
| Total Depth - Driller | 3237.0 (m) | TDD |
| Total Depth - Logger | 0.0 (m) | TDL |
| Bottom Log Interval | 3046.5 (m) | BLI |
| Top Log Interval | 2650.0 (m) | TLI |
| Current Casing Size | 7.63 (in) | CSIZ |
| Casing Depth From | 20.3 (m) | CDF |
| Casing Depth To | 3470.0 (m) | CADT |
| Casing Grade | L-80 | CASG |
| Casing Weight | 29.0 (lbm/ft) | CWEI |
| Bit Size | 9.88 (in) | BS |
| Bit Size Depth From | 0.0 (m) | BSDF |
| Bit Size Depth To | 0.0 (m) | BSDT |
| Date Logger At Bottom | 27-Aug-2006 | DLAB, TLAB |
| Logging Unit Number | 1 | LUN, LUL |
| Engineer's Name | G Wright. S Gilbert | ENGI |
| Witness's Name | B Robinson. | WITN |
| Service Order Number | AUSL | SON |

Mud Data

| | | |
|--|-------------------|-----------------------------|
| Mud Data | | DFT |
| Drilling Fluid Type | Production Fluids | MRT |
| Maximum Recorded Temperature | 449.6 (degF) | MRT1 |
| | 232.0 (degC) | DLAB, TLAB |
| Date Logger At Bottom | 27-Aug-2006 | Time Logger At Bottom 16:00 |
| 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: CTO, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA | | |
| Remarks | | |
| Log correlated to ExxonMobil Solar correlation composite log | | R1 |
| dated 12-Oct-2004. | | R2 |
| Maximum well deviation = 48 degrees at 2530m MDKB. | | R3 |
| Objectives: Perforate Well at 3040.5m MDKB to 3041.5m MDKB | | R4 |
| and 3043.5m MDKB to 3046.5m MDKB | | R5 |
| Set MPBT @ 3050m MDKB, Then dump 1m of Cement on top of the plug . | | R6 |
| SBHP: SBHT: | | R7 |
| Crew : A Hall & G Brady. | | R14 |
| Other Services | | |
| None | | OS1 |

| | | | |
|----------------------|----------|--------------------|-------------------|
| Frame Summary | | File: PERFO_011LUP | Sequence: 1 |
| Origin: 65 | | | |
| Index Type | Start | Stop | Spacing |
| BOREHOLE-DEPTH | 3081.22 | 3018.89 m | -60.0 (0.1 in) up |
| | 10109.00 | 9904.50 ft | |
| BOREHOLE-DEPTH | 3081.22 | 3018.92 m | -10.0 (0.1 in) up |
| | 10109.00 | 9904.58 ft | |
| | | Channels | Index Channel |
| | | 22 | TDEP |
| | | | Frame Name |
| | | | 60B |
| | | 10 | TDEP;1 |
| | | | 10B |

| | | | |
|--|--|------------------------------|----------------------|
| File Header | | File: PERFO_012LUP | Sequence: 2 |
| Defining Origin: 65 | | | |
| File ID: PERFO_012LUP File Type: DEPTH LOG | | | |
| Producer Name: Schlumberger | | Product/Version: OP 14C0-302 | File Set: 41 |
| | | File Number: 10 | 27-AUG-2006 13:17:34 |
| Company Name: Esso Australia Ltd. | | | |
| Well Name: A-19 | | | |
| Field Name: Flounder | | | |
| Tool String: MWP_GUN, MWPT-CA, MWGT-AA | | | |
| Computations: WELLCAD, BORDYN | | | |

| | | | |
|-----------------------------|--|--------------------|-------------|
| Error Summary | | File: PERFO_012LUP | Sequence: 2 |
| No errors detected in file. | | | |

| | | | |
|-----------------------|---------------------|--------------------|-------------|
| Well Site Data | | File: PERFO_012LUP | Sequence: 2 |
| Origin: 65 | | | |
| Well Data | | | |
| Company Name | Esso Australia Ltd. | CN | |
| Well Name | A-19 | WN | |
| Field Name | Flounder | FN | |
| Rig : | Prod4 / Crane | CLAB, COUN | |
| State: | Victoria | SLAB, STAT | |
| Nation | Australia | NATI | |
| Field Location | Gippsland | FL | |
| | Basin | FL1 | |
| | Bass Strait | FL2 | |
| Service Order Number | AUSL | SON | |
| Longitude | 148 26' 17.735" E | LONG | |
| Latitude | 038 18' 44.633" S | LATI | |

Latitude

030.10 44.033 S

Maximum Hole Deviation

48.0 (deg)

Elevation of Kelly Bushing

48.8 (m)

Elevation of Ground Level

93.0 (m)

Elevation of Derrick Floor

48.8 (m)

Permanent Datum

M.S.L

Log Measured From

D.F

Drilling Measured From

D.F

Elevation of Permanent Datum

0.0 (m)

Above Permanent Datum

48.8 (m)

MHD

EKB

EGL

EDF

PDAT, EPD

LMF, APD

DMF

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

Job Data

Date as Month–Day–Year

27–Aug–2006

Run Number

One

Total Depth – Driller

3237.0 (m)

Total Depth – Logger

0.0 (m)

Bottom Log Interval

3046.5 (m)

Top Log Interval

2650.0 (m)

Current Casing Size

7.63 (in)

Casing Depth From

20.3 (m)

Casing Depth To

3470.0 (m)

Casing Grade

L–80

Casing Weight

29.0 (lbm/ft)

Bit Size

9.88 (in)

Bit Size Depth From

0.0 (m)

Bit Size Depth To

0.0 (m)

Date Logger At Bottom

27–Aug–2006

Logging Unit Number

1

Engineer's Name

G Wright. S Gilbert

Witness's Name

B Robinson.

Service Order Number

AUSL

DATE

RUN

TDD

TDL

BLI

TLI

CSIZ

CDF

CADT

CASG

CWEI

BS

BSDF

BSDT

DLAB, TLAB

LUN, LUL

ENGI

WITN

SON

Time Logger At Bottom

16:00

Logging Unit Location

AUSL

Mud Data

Drilling Fluid Type

Production Fluids

Maximum Recorded Temperature

449.6 (degF)

232.0 (degC)

Date Logger At Bottom

27–Aug–2006

Time Logger At Bottom

16:00

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 ExxonMobil Solar correlation composite log dated 12–Oct–2004.

Maximum well deviation = 48 degrees at 2530m MDKB.

Objectives: Perforate Well at 3040.5m MDKB to 3041.5m MDKB and 3043.5m MDKB to 3046.5m MDKB

Set MPBT @ 3050m MDKB, Then dump 1m of Cement on top of the plug .

SBHP: SBHT:

Crew : A Hall & G Brady.

R1

R2

R3

R4

R5

R6

R7

R14

Other Services

None

OS1

Frame Summary

File: PERFO_012LUP

Sequence: 2

| Index Type | Start | Stop | Spacing | Channels | Index Channel | Frame Name |
|----------------|----------|------------|-------------------|----------|---------------|------------|
| BOREHOLE–DEPTH | 3053.79 | 3013.25 m | –60.0 (0.1 in) up | 22 | TDEP | 60B |
| | 10019.00 | 9886.00 ft | | | | |
| BOREHOLE–DEPTH | 3053.79 | 3013.28 m | –10.0 (0.1 in) up | 10 | TDEP;1 | 10B |
| | 10019.00 | 9886.08 ft | | | | |

File Header

File: PERFO_012LUP

Sequence: 2

| | | | |
|--|--|------------------------------|----------------------|
| File Header | | File: PERFO_013LTP | Sequence: 3 |
| Defining Origin: 65 | | | |
| File ID: PERFO_013LTP File Type: STATION | | | |
| Producer Name: Schlumberger | | Product/Version: OP 14C0-302 | File Set: 41 |
| | | File Number: 11 | 27-AUG-2006 13:21:08 |
| Company Name: Esso Australia Ltd. | | | |
| Well Name: A-19 | | | |
| Field Name: Flounder | | | |
| Tool String: MWP_GUN, MWPT-CA, MWGT-AA | | | |
| Computations: WELLCAD, BORDYN | | | |

| | | |
|-----------------------------|--------------------|-------------|
| Error Summary | File: PERFO_013LTP | Sequence: 3 |
| No errors detected in file. | | |

| | | |
|----------------|--------------------|-------------|
| Well Site Data | File: PERFO_013LTP | Sequence: 3 |
|----------------|--------------------|-------------|

| | | | |
|---|---------------------|--------------------------------------|------------|
| Origin: 65 | | | |
| Well Data | | | |
| Company Name | Esso Australia Ltd. | | CN |
| Well Name | A-19 | | WN |
| Field Name | Flounder | | FN |
| Rig : | Prod4 / Crane | | CLAB, COUN |
| State: | Victoria | | SLAB, STAT |
| Nation | Australia | | NATI |
| Field Location | Gippsland | | FL |
| | Basin | | FL1 |
| | Bass Strait | | FL2 |
| Service Order Number | AUSL | | SON |
| Longitude | 148 26' 17.735" E | | LONG |
| Latitude | 038 18' 44.633" S | | LATI |
| Maximum Hole Deviation | 48.0 (deg) | | MHD |
| Elevation of Kelly Bushing | 48.8 (m) | | EKB |
| Elevation of Ground Level | 93.0 (m) | | EGL |
| Elevation of Derrick Floor | 48.8 (m) | | EDF |
| Permanent Datum | M.S.L | Elevation of Permanent Datum 0.0 (m) | PDAT, EPD |
| Log Measured From | D.F | Above Permanent Datum 48.8 (m) | LMF, APD |
| Drilling Measured From | D.F | | DMF |
| Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN | | | |

| | | | |
|------------------------|---------------------|-----------------------------|------------|
| Job Data | | | |
| Date as Month-Day-Year | 27-Aug-2006 | | DATE |
| Run Number | One | | RUN |
| Total Depth - Driller | 3237.0 (m) | | TDD |
| Total Depth - Logger | 0.0 (m) | | TDL |
| Bottom Log Interval | 3046.5 (m) | | BLI |
| Top Log Interval | 2650.0 (m) | | TLI |
| Current Casing Size | 7.63 (in) | | CSIZ |
| Casing Depth From | 20.3 (m) | | CDF |
| Casing Depth To | 3470.0 (m) | | CADT |
| Casing Grade | L-80 | | CASG |
| Casing Weight | 29.0 (lbm/ft) | | CWEI |
| Bit Size | 9.88 (in) | | BS |
| Bit Size Depth From | 0.0 (m) | | BSDF |
| Bit Size Depth To | 0.0 (m) | | BSDT |
| Date Logger At Bottom | 27-Aug-2006 | Time Logger At Bottom 16:00 | DLAB, TLAB |
| Logging Unit Number | 1 | Logging Unit Location AUSL | LUN, LUL |
| Engineer's Name | G Wright. S Gilbert | | ENGI |
| Witness's Name | B Robinson. | | WITN |
| Service Order Number | AUSL | | SON |

| | | | |
|---|-------------------|-----------------------------|------------|
| Mud Data | | | |
| Drilling Fluid Type | Production Fluids | | DFT |
| Maximum Recorded Temperature | 449.6 (degF) | | MRT |
| | 232.0 (degC) | | MRT1 |
| Date Logger At Bottom | 27-Aug-2006 | Time Logger At Bottom 16:00 | 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 |

Remarks

| | |
|--|-----|
| Log correlated to ExxonMobil Solar correlation composite log | R1 |
| dated 12-Oct-2004. | R2 |
| Maximum well deviation = 48 degrees at 2530m MDKB. | R3 |
| Objectives: Perforate Well at 3040.5m MDKB to 3041.5m MDKB | R4 |
| and 3043.5m MDKB to 3046.5m MDKB | R5 |
| Set MPBT @ 3050m MDKB, Then dump 1m of Cement on top of the plug . | R6 |
| SBHP: SBHT: | R7 |
| Crew : A Hall & G Brady. | R14 |

Other Services

| | |
|------|-----|
| None | OS1 |
|------|-----|

Frame Summary File: PERFO_013LTP Sequence: 3

Origin: 65

| Index Type | Start | Stop | Spacing | Channels | Index Channel | Frame Name |
|------------|---------|-----------|-----------------|----------|---------------|------------|
| TIME | 1586.94 | 3624.94 s | 2000.0 (0.5 ms) | 5 | TIME;2 | 2000T |
| TIME | 1586.94 | 3624.94 s | 1000.0 (0.5 ms) | 14 | TIME;3 | 1000T |
| TIME | 1586.94 | 3624.94 s | 500.0 (0.5 ms) | 4 | TIME;4 | 500T |

File Header File: PSP_026PUP Sequence: 4

Defining Origin: 30

| | | | | | | |
|-----------------------------|------------------------------|--------------|-----------------|----------------------|--|--|
| File ID: PSP_026PUP | File Type: PLAYBACK | | | | | |
| Producer Name: Schlumberger | Product/Version: OP 14C0-302 | File Set: 41 | File Number: 24 | 27-AUG-2006 17:04:54 | | |
| Company Name: | Esso Australia Ltd. | | | | | |
| Well Name: | A-19 | | | | | |
| Field Name: | Flounder | | | | | |
| Tool String: | PSPT-A/B | | | | | |
| Computations: | WELLCAD, BORDYN | | | | | |

Error Summary File: PSP_026PUP Sequence: 4

No errors detected in file.

Well Site Data File: PSP_026PUP Sequence: 4

Origin: 30

Well Data

| | | |
|----------------------------|--------------------------------------|------------|
| Company Name | Esso Australia Ltd. | CN |
| Well Name | A-19 | WN |
| Field Name | Flounder | FN |
| Rig : | Prod4 / Crane | CLAB, COUN |
| State: | Victoria | SLAB, STAT |
| Nation | Australia | NATI |
| Field Location | Gippsland | FL |
| | Basin | FL1 |
| | Bass Strait | FL2 |
| Service Order Number | AUSL06336245 | SON |
| Longitude | 148 26' 17.735" E | LONG |
| Latitude | 038 18' 44.633" S | LATI |
| Maximum Hole Deviation | 48.0 (deg) | MHD |
| Elevation of Kelly Bushing | 48.8 (m) | EKB |
| Elevation of Ground Level | 93.0 (m) | EGL |
| Elevation of Derrick Floor | 48.8 (m) | EDF |
| Permanent Datum | M.S.L | PDAT, EPD |
| Log Measured From | D.F | LMF, APD |
| Drilling Measured From | D.F | DMF |
| | Elevation of Permanent Datum 0.0 (m) | |
| | Above Permanent Datum 48.8 (m) | |

Job Data

| | | |
|------------------------|-------------|------|
| Date as Month-Day-Year | 27-Aug-2006 | DATE |
| Run Number | One | RUN |

| | | | | |
|--|---------------------|-----------------------|-------|------------|
| Run Number | One | | | RUN |
| Total Depth – Driller | 3231.0 (m) | | | TDD |
| Total Depth – Logger | 3075.0 (m) | | | TDL |
| Bottom Log Interval | 3075.0 (m) | | | BLI |
| Top Log Interval | 3000.0 (m) | | | TLI |
| Current Casing Size | 7.63 (in) | | | CSIZ |
| Casing Depth From | 20.3 (m) | | | CDF |
| Casing Depth To | 3470.0 (m) | | | CADT |
| Casing Grade | L–80 | | | CASG |
| Casing Weight | 29.0 (lbm/ft) | | | CWEI |
| Bit Size | 9.88 (in) | | | BS |
| Bit Size Depth From | 0.0 (m) | | | BSDF |
| Bit Size Depth To | 0.0 (m) | | | BSDT |
| Date Logger At Bottom | 27–Aug–2006 | Time Logger At Bottom | 16:00 | DLAB, TLAB |
| Logging Unit Number | 1 | Logging Unit Location | AUSL | LUN, LUL |
| Engineer's Name | G Wright. S Gilbert | | | ENGI |
| Witness's Name | B White. | | | WITN |
| Service Order Number | AUSL06336245 | | | SON |
| Mud Data | | | | |
| Drilling Fluid Type | Production Fluids | | | DFT |
| Maximum Recorded Temperature | 226.4 (degF) | | | MRT |
| | 108.0 (degC) | | | MRT1 |
| Date Logger At Bottom | 27–Aug–2006 | Time Logger At Bottom | 16:00 | 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 ExxonMobil Solar correlation composite log | | | | R1 |
| dated 12–Oct–2004. | | | | R2 |
| Maximum well deviation = 48 degrees at 2530m MDKB. | | | | R3 |
| Objectives: Perforate Well at 3040.5m MDKB to 3041.5m MDKB | | | | R4 |
| and 3043.5m MDKB to 3046.5m MDKB | | | | R5 |
| Set MPBT @ 3050m MDKB, Then dump 1m of Cement on top of the plug . | | | | R6 |
| SBHP: 3293 psia SBHT:230 degf. | | | | R7 |
| Crew : A Hall & G Brady. | | | | R14 |
| Other Services | | | | |
| None | | | | OS1 |

| | | | | | | |
|-------------------------|--------------|--------------------|-------------------|-----------------|----------------------|-------------------|
| Frame Summary | | | | | | |
| File: PSP_026PUP | | Sequence: 4 | | | | |
| Origin: 30 | | | | | | |
| <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 | 3075.43 | 2994.20 m | -60.0 (0.1 in) up | 24 | TDEP | 60B |
| | 10090.00 | 9823.50 ft | | | | |
| BOREHOLE-DEPTH | 3075.43 | 2994.38 m | -10.0 (0.1 in) up | 7 | TDEP;1 | 10B |
| | 10090.00 | 9824.08 ft | | | | |

| | | | | | | |
|--|---------------------------------------|------------------------------|--|--------------|-----------------|---------------------|
| File Header | | | | | | |
| File: MPBT_035LUP | | Sequence: 5 | | | | |
| Defining Origin: 40 | | | | | | |
| File ID: MPBT_035LUP File Type: DEPTH LOG | | | | | | |
| Producer Name: Schlumberger | | Product/Version: OP 14C0-302 | | File Set: 41 | File Number: 33 | 28-AUG-2006 8:01:49 |
| Company Name: | Esso Australia Ltd. | | | | | |
| Well Name: | A-19 | | | | | |
| Field Name: | Flounder | | | | | |
| Tool String: | MPEX-7.625" mpex plug, MPSU-CA, CCL-I | | | | | |
| Computations: | WELLCAD | | | | | |

Origin: 40

Well Data

| | | |
|----------------------------|---------------------|------------|
| Company Name | Esso Australia Ltd. | CN |
| Well Name | A-19 | WN |
| Field Name | Flounder | FN |
| Rig : | Prod4 / Crane | CLAB, COUN |
| State: | Victoria | SLAB, STAT |
| Nation | Australia | NATI |
| Field Location | Gippsland | FL |
| | Basin | FL1 |
| | Bass Strait | FL2 |
| Service Order Number | AUSL | SON |
| Longitude | 148 26' 17.735" E | LONG |
| Latitude | 038 18' 44.633" S | LATI |
| Maximum Hole Deviation | 48.0 (deg) | MHD |
| Elevation of Kelly Bushing | 48.8 (m) | EKB |
| Elevation of Ground Level | 93.0 (m) | EGL |
| Elevation of Derrick Floor | 48.8 (m) | EDF |
| Permanent Datum | M.S.L | PDAT, EPD |
| Log Measured From | D.F | LMF, APD |
| Drilling Measured From | D.F | DMF |

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

Job Data

| | | |
|------------------------|---------------------|------------|
| Date as Month-Day-Year | 27-Aug-2006 | DATE |
| Run Number | One | RUN |
| Total Depth – Driller | 0.0 (m) | TDD |
| Total Depth – Logger | 0.0 (m) | TDL |
| Bottom Log Interval | 3046.5 (m) | BLI |
| Top Log Interval | 2650.0 (m) | TLI |
| Current Casing Size | 7.63 (in) | CSIZ |
| Casing Depth From | 20.3 (m) | CDF |
| Casing Depth To | 3470.0 (m) | CADT |
| Casing Grade | L-80 | CASG |
| Casing Weight | 29.7 (lbm/ft) | CWEI |
| Bit Size | 9.00 (in) | BS |
| Bit Size Depth From | 0.0 (m) | BSDF |
| Bit Size Depth To | 0.0 (m) | BSDT |
| Date Logger At Bottom | 27-Aug-2006 | DLAB, TLAB |
| Logging Unit Number | 1 | LUN, LUL |
| Engineer's Name | G Wright. S Gilbert | ENGI |
| Witness's Name | B Robinson. | WITN |
| Service Order Number | AUSL | SON |

Mud Data

| | | |
|------------------------------|-----------------------------|------------|
| Drilling Fluid Type | Production Fluids | DFT |
| Maximum Recorded Temperature | 230.0 (degF) | MRT |
| | 110.0 (degC) | MRT1 |
| Date Logger At Bottom | 27-Aug-2006 | DLAB, TLAB |
| | Time Logger At Bottom 16:00 | |

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 ExxonMobil Solar correlation composite log | R1 |
| dated 12-Oct-2004. | R2 |
| Maximum well deviation = 48 degrees at 2530m MDKB. | R3 |
| Objectives: Perforate Well at 3040.5m MDKB to 3041.5m MDKB | R4 |
| and 3043.5m MDKB to 3046.5m MDKB | R5 |
| Set MPBT @ 3050m MDKB, Then dump 1m of Cement on top of the plug . | R6 |
| SBHP: SBHT: | R7 |
| Crew : A Hall & G Brady. | R14 |

Other Services

| | | | | | | |
|--|--------------|------------------------------|-------------------|-----------------|----------------------|----------------------|
| Other Services | | | | | | OS1 |
| None | | | | | | |
| Frame Summary File: MPBT_035LUP Sequence: 5 | | | | | | |
| Origin: 40 | | | | | | |
| <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 | 12192.00 | 11524.18 m | -60.0 (0.1 in) up | 7 | TDEP | 60B |
| | 40000.00 | 37809.00 ft | | | | |
| BOREHOLE-DEPTH | 12192.00 | 11524.21 m | -10.0 (0.1 in) up | 4 | TDEP;1 | 10B |
| | 40000.00 | 37809.08 ft | | | | |
| File Header File: PERFO_042LUP Sequence: 6 | | | | | | |
| Defining Origin: 33 | | | | | | |
| File ID: PERFO_042LUP File Type: DEPTH LOG | | | | | | |
| Producer Name: Schlumberger | | Product/Version: OP 14C0-302 | | File Set: 41 | File Number: 40 | 28-AUG-2006 11:21:15 |
| Tool String: SHM_GUN, CCL-L | | | | | | |
| Computations: WELLCAD | | | | | | |

| | | | | |
|-----------------------------|--|--|---------------------------|--------------------|
| Error Summary | | | File: PERFO_042LUP | Sequence: 6 |
| No errors detected in file. | | | | |

| | | | |
|--|--------------|--------------------|-------------|
| Well Site Data | | File: PERFO_042LUP | Sequence: 6 |
| Origin: 33 | | | |
| Well Data | | | |
| Permanent Datum | GROUND LEVEL | | PDAT |
| Absent Valued Parameters: CN, CN1, WN, FN, COUN, STAT, NATI, CONT, FL, FL1, FL2, SECT, TOWN, RANG, APIN, SON, LONG, LATI, MHD, EKB, EGL, EDF, EPD, LMF, APD, DMF | | | |
| Job Data | | | |
| Run Number | 1 | | RUN |
| Current Casing Size | 0.0 (in) | | CSIZ |
| Casing Weight | 0.0 (lbm/ft) | | CWEI |
| Bit Size | 8.00 (in) | | BS |
| Absent Valued Parameters: DATE, TDD, TDL, BLI, TLI, CDF, CADT, CASG, BSDF, BSDT, DLAB, TLAB, LUN, LUL, ENGI, WITN, SON | | | |
| Mud Data | | | |
| Absent Valued Parameters: DFT, DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT, MRT1, MRT2, MRT3, DCS, TCS, DLAB, TLAB | | | |
| 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 | | | |

| | | | | |
|----------------------|--|--|---------------------------|--------------------|
| Frame Summary | | | File: PERFO_042LUP | Sequence: 6 |
|----------------------|--|--|---------------------------|--------------------|

| | | | | | | |
|-------------------|--------------|-------------|-------------------|-----------------|----------------------|-------------------|
| Origin: 33 | | | | | | |
| <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 | 3040.38 | 2997.10 m | -60.0 (0.1 in) up | 7 | TDEP | 60B |
| | 9975.00 | 9833.00 ft | | | | |
| BOREHOLE-DEPTH | 3040.38 | 2997.12 m | -10.0 (0.1 in) up | 7 | TDEP,1 | 10B |
| | 9975.00 | 9833.08 ft | | | | |

| | | |
|--|------------------------------|---|
| File Header | File: PERFO_045LUP | Sequence: 7 |
| Defining Origin: 33 | | |
| File ID: PERFO_045LUP File Type: DEPTH LOG | | |
| Producer Name: Schlumberger | Product/Version: OP 14C0-302 | File Set: 41 File Number: 43 28-AUG-2006 13:18:17 |
| Tool String: SHM_GUN, CCL-L | | |
| Computations: WELLCAD | | |

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|-----------------------------|---------------------------|--------------------|
| Error Summary | File: PERFO_045LUP | Sequence: 7 |
| No errors detected in file. | | |

| | | |
|--|---------------------------|--------------------|
| Well Site Data | File: PERFO_045LUP | Sequence: 7 |
| Origin: 33 | | |
| Well Data | | |
| Permanent Datum | GROUND LEVEL | PDAT |
| Absent Valued Parameters: CN, CN1, WN, FN, COUN, STAT, NATI, CONT, FL, FL1, FL2, SECT, TOWN, RANG, APIN, SON, LONG, LATI, MHD, EKB, EGL, EDF, EPD, LMF, APD, DMF | | |
| Job Data | | |
| Run Number | 1 | RUN |
| Current Casing Size | 0.0 (in) | CSIZ |
| Casing Weight | 0.0 (lbm/ft) | CWEI |
| Bit Size | 8.00 (in) | BS |
| Absent Valued Parameters: DATE, TDD, TDL, BLI, TLI, CDF, CADT, CASG, BSDF, BSDT, DLAB, TLAB, LUN, LUL, ENGI, WITN, SON | | |
| Mud Data | | |
| Absent Valued Parameters: DFT, DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT, MRT1, MRT2, MRT3, DCS, TCS, DLAB, TLAB | | |
| 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 | | |

| Frame Summary | | File: PERFO_045LUP | Sequence: 7 | | | |
|-------------------|--------------|--------------------|-------------------|-----------------|----------------------|-------------------|
| Origin: 33 | | | | | | |
| <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 | 3040.53 | 2996.95 m | -60.0 (0.1 in) up | 7 | TDEP | 60B |
| | 9975.50 | 9832.50 ft | | | | |
| BOREHOLE-DEPTH | 3040.53 | 2996.97 m | -10.0 (0.1 in) up | 7 | TDEP;1 | 10B |
| | 9975.50 | 9832.58 ft | | | | |

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|  | Verification Listing | Listing Completed: 28-AUG-2006 16:21:52 |
|--|-----------------------------|--|