Schlumberger

Verification Listing

Listing Created: 19−FEB−2006 6:53:04
Version: 13C0−300

Input Source: D:\OP_Folder\Clients\ExxonMobil\FLA_A2a−11−02\GUN\COMP_MWPT_MPBT_COMP_054.DLIS
Format: DLIS
Storage Set ID: Default Storage Set
Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **Flip_MPBT_053LUP** Sequence: **1**

Defining Origin: 35

File ID: Flip_MPBT_053LUP File Type: FLIP
Producer Name: Schlumberger Product/Version: OP 13C0−300 File Set: 792488 File Number: 1 14−FEB−2006 9:33:13

Origin: 122

File ID: MPBT_048LDP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 13C0−300 File Set: 41 File Number: 46 14−FEB−2006 8:44:55

Tool String: MPEX−AA, MPSU−CA, CCL−
Computations: WELLCAD

Error Summary File: **Flip_MPBT_053LUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **Flip_MPBT_053LUP** Sequence: **1**

Origin: 122

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: **Flip_MPBT_053LUP** Sequence: **1**

Origin: 35

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3490.26 m 11451.00 ft	3396.23 m 11142.50 ft	−60.0 (0.1 in) up	7	TDEP	60B
BOREHOLE−DEPTH	3490.24 m 11450.92 ft	3396.23 m 11142.50 ft	−10.0 (0.1 in) up	4	TDEP;1	10B

File Header File: **Flip_MPBT_054LUP** Sequence: **2**

Defining Origin: 41

File ID: Flip_MPBT_054LUP File Type: FLIP
Producer Name: Schlumberger Product/Version: OP 13C0−300 File Set: 784952 File Number: 1 14−FEB−2006 9:34:16

Origin: 122

File ID: MPBT_049LDP File Type: DEPTH LOG

Producer Name: Schlumberger Product/Version: OP 13C0−300 File Set: 41 File Number: 47 14−FEB−2006 8:55:02

Tool String: MPEX−AA, MPSU−CA, CCL−
Computations: WELLCAD

Error Summary File: **Flip_MPBT_054LUP** Sequence: **2**

No errors detected in file.

Well Site Data File: **Flip_MPBT_054LUP** Sequence: **2**

Origin: 122

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: **Flip_MPBT_054LUP** Sequence: **2**

Origin: 41

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3506.11 m	3442.56 m	−60.0 (0.1 in) up	7	TDEP	60B
	11503.00 ft	11294.50 ft				
BOREHOLE−DEPTH	3506.09 m	3442.56 m	−10.0 (0.1 in) up	4	TDEP;1	10B
	11502.92 ft	11294.50 ft				

File Header File: **MPBT_048LDP** Sequence: **3**

Defining Origin: 122

File ID: MPBT_048LDP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 13C0−300 File Set: 41 File Number: 46 14−FEB−2006 8:44:55

Tool String: MPEX−AA, MPSU−CA, CCL−
Computations: WELLCAD

Error Summary File: **MPBT_048LDP** Sequence: **3**

Error Summary

No errors detected in file.

Well Site Data File: **MPBT_048LDP** Sequence: **3**

Origin: 122

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: **MPBT_048LDP** Sequence: **3**

Origin: 122

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3396.23 m 11142.50 ft	3490.26 m 11451.00 ft	60.0 (0.1 in) down	7	TDEP	60B
BOREHOLE−DEPTH	3396.23 m 11142.50 ft	3490.24 m 11450.92 ft	10.0 (0.1 in) down	4	TDEP;1	10B

File Header File: **MPBT_049LDP** Sequence: **4**

Defining Origin: 122

File ID: MPBT_049LDP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 13C0−300 File Set: 41 File Number: 47 14−FEB−2006 8:55:02

Tool String: MPEX−AA, MPSU−CA, CCL−
Computations: WELLCAD

Error Summary File: **MPBT_049LDP** Sequence: **4**

No errors detected in file.

Well Site Data File: **MPBT_049LDP** Sequence: **4**

Origin: 122

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: **MPBT_049LDP** Sequence: **4**

Origin: 122

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3442.56 m	3506.11 m	60.0 (0.1 in) down	7	TDEP	60B
	11294.50 ft	11503.00 ft				
BOREHOLE−DEPTH	3442.56 m	3506.09 m	10.0 (0.1 in) down	4	TDEP;1	10B
	11294.50 ft	11502.92 ft				

File Header File: **MPBT_050LUP** Sequence: **5**

Defining Origin: 122

File ID: MPBT_050LUP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 13C0−300 File Set: 41 File Number: 48 14−FEB−2006 9:02:48

Tool String: MPEX−AA, MPSU−CA, CCL−I
Computations: WELLCAD

Error Summary File: **MPBT_050LUP** Sequence: **5**

No errors detected in file.

Well Site Data File: **MPBT_050LUP** Sequence: **5**

Origin: 122

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: **MPBT_050LUP** Sequence: **5**

Frame Summary File: **MPBT_050LUP** Sequence: **5**

Origin: 122

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	12192.00 m	11935.21 m	−60.0 (0.1 in) up	7	TDEP	60B
	40000.00 ft	39157.50 ft				
BOREHOLE−DEPTH	12192.00 m	11935.23 m	−10.0 (0.1 in) up	4	TDEP;1	10B
	40000.00 ft	39157.58 ft				

File Header File: **MPBT_055PUP** Sequence: **6**

Defining Origin: 122

File ID: MPBT_055PUP File Type: PLAYBACK
Producer Name: Schlumberger Product/Version: OP 13C0−300 File Set: 41 File Number: 51 14−FEB−2006 9:35:48

Tool String: MPEX−AA, MPSU−CA, CCL−I
Computations: WELLCAD

Error Summary File: **MPBT_055PUP** Sequence: **6**

No errors detected in file.

Well Site Data File: **MPBT_055PUP** Sequence: **6**

Origin: 122

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: **MPBT_055PUP** Sequence: **6**

Origin: 122

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3490.26 m	3396.69 m	−60.0 (0.1 in) up	7	TDEP	60B
	11451.00 ft	11144.00 ft				
BOREHOLE−DEPTH	3490.26 m	3396.72 m	−10.0 (0.1 in) up	4	TDEP;1	10B
	11451.00 ft	11144.08 ft				

File Header File: **MPBT_056PUP** Sequence: **7**

Defining Origin: 122

File ID: MPBT_056PUP File Type: PLAYBACK
Producer Name: Schlumberger Product/Version: OP 13C0−300 File Set: 41 File Number: 52 14−FEB−2006 9:37:07

Tool String: MPEX−AA, MPSU−CA, CCL−I
Computations: WELLCAD

Error Summary File: **MPBT_056PUP** Sequence: **7**

No errors detected in file.

Well Site Data File: **MPBT_056PUP** Sequence: **7**

Origin: 122

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: **MPBT_056PUP** Sequence: **7**

Origin: 122

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3506.11 m	3443.02 m	−60.0 (0.1 in) up	7	TDEP	60B
	11503.00 ft	11296.00 ft				
BOREHOLE−DEPTH	3506.11 m	3443.05 m	−10.0 (0.1 in) up	4	TDEP;1	10B
	11503.00 ft	11296.08 ft				

File Header File: **PERFO_061LUP** Sequence: **8**

Defining Origin: 9

File ID: PERFO_061LUP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 13C0−300 File Set: 41 File Number: 57 14−FEB−2006 12:07:05

Tool String: SHM_GUN, CCL−L
Computations: WELLCAD

Error Summary File: **PERFO_061LUP** Sequence: **8**

No errors detected in file.

Well Site Data File: **PERFO_061LUP** Sequence: **8**

Origin: 9

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

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

Remarks

Correlated to Solar Composite log provided by client dated : 17−Mar−2005	R1
Objective:	R2
RIH with dummy and reach setting depth. Log interval 3258 m to 3190m MDKB	R3
RIH with 4 1/2 " MPBT plug and set at = 3513 MDKB, RIH with dump bailers and	R4
dump fresh water .5 m above plug, RIH with dump bailer and dump 1m of cement on	R5
plug. RIH with 2 1/ 8" Enerjet Gun and perforate 3495.5 m to 3497.5m MDKB.	R6

Other Services

None	OS1

Frame Summary File: **PERFO_061LUP** Sequence: **8**

Origin: 9

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3508.25 m	3447.90 m	−60.0 (0.1 in) up	7	TDEP	60B
	11510.00 ft	11312.00 ft				
BOREHOLE−DEPTH	3508.25 m	3447.92 m	−10.0 (0.1 in) up	6	TDEP;1	10B
	11510.00 ft	11312.08 ft				

File Header File: **PERFO_066LUP** Sequence: **9**

Defining Origin: 9

File ID: PERFO_066LUP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 13C0−300 File Set: 41 File Number: 62 14−FEB−2006 13:58:36

Tool String: SHM_GUN, CCL−L
Computations: WELLCAD

Error Summary File: **PERFO_066LUP** Sequence: **9**

No errors detected in file.

Well Site Data File: **PERFO_066LUP** Sequence: **9**

Origin: 9

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

Date as Month−Day−Year	13−Feb−2006	DATE
Run Number	1	RUN
Current Casing Size	0.0 (in)	CSIZ
Casing Weight	0.0 (lbm/ft)	CWEI

Casing Weight	0.0 (lbm/ft)			CWEI
Bit Size	8.00 (in)			BS
Date Logger At Bottom	13−Feb−2006			DLAB
Logging Unit Number	1	Logging Unit Location	AUSL	LUN, LUL
Engineer's Name	Graham Fraser and Owen Darby			ENGI
Witness's Name	Barrie White			WITN

Absent Valued Parameters: TDD, TDL, BLI, TLI, CDF, CADT, CASG, BSDF, BSDT, TLAB, SON

Mud Data

Date Logger At Bottom	13−Feb−2006	DLAB

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

Remarks

Correlated to Solar Composite log provided by client dated : 17−Mar−2005	R1
Objective:	R2
RIH with dummy and reach setting depth. Log interval 3258 m to 3190m MDKB	R3
RIH with 4 1/2 " MPBT plug and set at = 3513 MDKB, RIH with dump bailers and	R4
dump fresh water .5 m above plug, RIH with dump bailer and dump 1m of cement on	R5
plug. RIH with 2 1/ 8" Enerjet Gun and perforate 3495.5 m to 3497.5m MDKB.	R6
Before perforation: FBHT = XXX degf, FBHP XXX pisa	R7
After perforation : FBHT = XXX degf, FBHP XXX pisa	R8
API Data: 2 1/8" Power Spiral Enerjet,HMX	R9
Penetration = 27.2"	R10
Entrance hole = .32"	R11
CCL to top shot =	R12
CCL stop depth =	R13
CCL to gun bottom =	R14
Crew : Eddie Mezenberg, Gary Martin, Jake Annear.	R17

Other Services

None	OS1

Frame Summary File: **PERFO_066LUP** Sequence: **9**

Origin: 9

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3508.10 m	3454.76 m	−60.0 (0.1 in) up	7	TDEP	60B
	11509.50 ft	11334.50 ft				
BOREHOLE−DEPTH	3508.10 m	3454.78 m	−10.0 (0.1 in) up	6	TDEP;1	10B
	11509.50 ft	11334.58 ft				

File Header File: **PERFO_067PUP** Sequence: **10**

Defining Origin: 9

File ID: PERFO_067PUP File Type: PLAYBACK
Producer Name: Schlumberger Product/Version: OP 13C0−300 File Set: 41 File Number: 63 14−FEB−2006 14:18:49

Tool String: SHM_GUN, CCL−L
Computations: WELLCAD

Error Summary File: **PERFO_067PUP** Sequence: **10**

No errors detected in file.

Well Site Data File: **PERFO_067PUP** Sequence: **10**

Origin: 9

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

Date as Month−Day−Year	13−Feb−2006			DATE
Run Number	1			RUN
Current Casing Size	0.0 (in)			CSIZ
Casing Weight	0.0 (lbm/ft)			CWEI
Bit Size	8.00 (in)			BS
Date Logger At Bottom	13−Feb−2006			DLAB
Logging Unit Number	1	Logging Unit Location	AUSL	LUN, LUL
Engineer's Name	Graham Fraser and Owen Darby			ENGI
Witness's Name	Barrie White			WITN

Absent Valued Parameters: TDD, TDL, BLI, TLI, CDF, CADT, CASG, BSDF, BSDT, TLAB, SON

Mud Data

Date Logger At Bottom	13−Feb−2006		DLAB

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

Remarks

Correlated to Solar Composite log provided by client dated : 17−Mar−2005	R1
Objective:	R2
RIH with dummy and reach setting depth. Log interval 3258 m to 3190m MDKB	R3
RIH with 4 1/2 " MPBT plug and set at = 3513 MDKB, RIH with dump bailers and	R4
dump fresh water .5 m above plug, RIH with dump bailer and dump 1m of cement on	R5
plug. RIH with 2 1/ 8" Enerjet Gun and perforate 3495.5 m to 3497.5m MDKB.	R6
Before perforation: FBHT = XXX degf, FBHP XXX pisa	R7
After perforation : FBHT = XXX degf, FBHP XXX pisa	R8
API Data: 2 1/8" Power Spiral Enerjet,HMX	R9
Penetration = 27.2"	R10
Entrance hole = .32"	R11
CCL to top shot =	R12
CCL stop depth =	R13
CCL to gun bottom =	R14
Crew : Eddie Mezenberg, Gary Martin, Jake Annear.	R17

Other Services

None	OS1

Frame Summary File: **PERFO_067PUP** Sequence: **10**

Origin: 9

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3507.94 m	3455.06 m	−60.0 (0.1 in) up	7	TDEP	60B
	11509.00 ft	11335.50 ft				
BOREHOLE−DEPTH	3507.94 m	3455.09 m	−10.0 (0.1 in) up	6	TDEP;1	10B
	11509.00 ft	11335.58 ft				

File Header File: **PERFO_011LUP** Sequence: **11**

Defining Origin: 34

File ID: PERFO_011LUP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 13C0−300 File Set: 41 File Number: 10 17−FEB−2006 9:24:19

Company Name:	Esso Australia Ltd.
Well Name:	FLA A−26
Field Name:	Flounder
Tool String:	MWP_GUN, MWPT−CA, MWGT−A
Computations:	WELLCAD

Error Summary File: **PERFO_011LUP** Sequence: **11**

No errors detected in file.

Well Site Data File: **PERFO_011LUP** Sequence: **11**

Origin: 34

Well Data

Company Name	Esso Australia Ltd.		CN
Well Name	FLA A−26		WN
Field Name	Flounder		FN
Rig:	Prod 4		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland Basin		FL
	Bass Strait		FL1
Service Order Number	3282		SON
Longitude	148* 06’ 15.1" E		LONG
Latitude	38*18’ 45.24"S		LATI
Maximum Hole Deviation	28.0 (deg)		MHD
Elevation of Kelly Bushing	33.0 (m)		EKB
Elevation of Ground Level	−94.0 (m)		EGL
Elevation of Derrick Floor	33.0 (m)		EDF
Permanent Datum	Mean Sea Level	Elevation of Permanent Datum 33.0 (m)	PDAT, EPD
Log Measured From	Kelly Bushing	Above Permanent Datum −33.0 (m)	LMF, APD
Drilling Measured From	Kelly Bushing		DMF

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

Job Data

Date as Month−Day−Year	12−Feb−2006		DATE
Run Number	1		RUN
Total Depth − Driller	2850.0 (m)		TDD
Total Depth − Logger	8916.7 (m)		TDL
Bottom Log Interval	2700.0 (m)		BLI
Top Log Interval	2699.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	11.8 (m)		CDF
Casing Depth To	2850.0 (m)		CADT
Casing Grade	K−55		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	629.0 (m)		BSDF
Bit Size Depth To	2850.0 (m)		BSDT
Date Logger At Bottom	12−Feb−2006	Time Logger At Bottom 10:31	DLAB, TLAB
Logging Unit Number	1	Logging Unit Location VEA	LUN, LUL
Engineer’s Name	G.Fraser/O Darby		ENGI
Witness’s Name	Barrie White		WITN
Service Order Number	3282		SON

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	467.4 (degC)		MRT
	467.4 (degC)		MRT1
Date Logger At Bottom	12−Feb−2006	Time Logger At Bottom 10:31	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 corrleated to Solar log dated , provided by the client.	R1
Objective:	R3

To perforate the well at 2714m to 2715.5m MDKB using 2 1/8" Enerjet gun R4
loaded with PowerSpiral charges. R5
After perforating, obtained static FBHP of psi and FBHT degF, then R6
flowed well for 15 min to obtain FBHP, FBHT and also for well clean up. R7
Before perforation : FBHP = XXX psia, FBHT = XXX DegF R8
After perforation : FBHP = XXX pisa, FBHT = XXX DegF R9
API Data: R10
Spiral PowerJet charges, UN 0441 R11
Penetration: 27.3" R12
Entrance Hole: 0.25" R13
Specialist:G Fraser Owen Darby R15
Operators: Garry Martin,Andy Hall R16
Performed by Schlumberger R17

Other Services

MPBT OS1
DB−TT OS2

Frame Summary File: **PERFO_011LUP** Sequence: **11**

Origin: 34

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3509.92 m	3429.46 m	−60.0 (0.1 in) up	20	TDEP	60B
	11515.50 ft	11251.50 ft				
BOREHOLE−DEPTH	3509.92 m	3429.48 m	−10.0 (0.1 in) up	9	TDEP;1	10B
	11515.50 ft	11251.58 ft				

File Header File: **PERFO_014LUP** Sequence: **12**

Defining Origin: 34

File ID: PERFO_014LUP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 13C0−300 File Set: 41 File Number: 13 17−FEB−2006 9:49:02

Company Name: Esso Australia Ltd.
Well Name: FLA A−26
Field Name: Flounder
Tool String: MWP_GUN, MWPT−CA, MWGT−AA
Computations: WELLCAD

Error Summary File: **PERFO_014LUP** Sequence: **12**

No errors detected in file.

Well Site Data File: **PERFO_014LUP** Sequence: **12**

Origin: 34

Well Data

Company Name	Esso Australia Ltd.		CN
Well Name	FLA A−26		WN
Field Name	Flounder		FN
Rig:	Prod 4		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland Basin		FL
	Bass Strait		FL1
Service Order Number	3282		SON
Longitude	148* 06' 15.1" E		LONG
Latitude	38*18' 45.24"S		LATI
Maximum Hole Deviation	28.0 (deg)		MHD
Elevation of Kelly Bushing	33.0 (m)		EKB
Elevation of Ground Level	−94.0 (m)		EGL
Elevation of Derrick Floor	33.0 (m)		EDF
Permanent Datum	Mean Sea Level	Elevation of Permanent Datum 33.0 (m)	PDAT, EPD
Log Measured From	Kelly Bushing	Above Permanent Datum −33.0 (m)	LMF, APD
Drilling Measured From	Kelly Bushing		DMF

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

Job Data

Date as Month−Day−Year	12−Feb−2006	DATE
Run Number	1	RUN
Total Depth − Driller	2850.0 (m)	TDD
Total Depth − Logger	8916.7 (m)	TDL

Total Depth − Logger	8916.7 (m)			TDL
Bottom Log Interval	2700.0 (m)			BLI
Top Log Interval	2699.0 (m)			TLI
Current Casing Size	7.00 (in)			CSIZ
Casing Depth From	11.8 (m)			CDF
Casing Depth To	2850.0 (m)			CADT
Casing Grade	K−55			CASG
Casing Weight	26.0 (lbm/ft)			CWEI
Bit Size	8.50 (in)			BS
Bit Size Depth From	629.0 (m)			BSDF
Bit Size Depth To	2850.0 (m)			BSDT
Date Logger At Bottom	12−Feb−2006	Time Logger At Bottom 10:31		DLAB, TLAB
Logging Unit Number	1	Logging Unit Location VEA		LUN, LUL
Engineer's Name	G.Fraser/O Darby			ENGI
Witness's Name	Barrie White			WITN
Service Order Number	3282			SON

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	467.4 (degC)		MRT
	467.4 (degC)		MRT1
Date Logger At Bottom	12−Feb−2006	Time Logger At Bottom 10:31	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 corrleated to Solar log dated , provided by the client.	R1
Objective:	R3
To perforate the well at 2714m to 2715.5m MDKB using 2 1/8" Enerjet gun	R4
loaded with PowerSpiral charges.	R5
After perforating, obtained static FBHP of psi and FBHT degF, then	R6
flowed well for 15 min to obtain FBHP, FBHT and also for well clean up.	R7
Before perforation : FBHP = XXX psia, FBHT = XXX DegF	R8
After perforation : FBHP = XXX pisa, FBHT = XXX DegF	R9
API Data:	R10
Spiral PowerJet charges, UN 0441	R11
Penetration: 27.3"	R12
Entrance Hole: 0.25"	R13
Specialist:G Fraser Owen Darby	R15
Operators: Garry Martin,Andy Hall	R16
Performed by Schlumberger	R17

Other Services

MPBT	OS1
DB−TT	OS2

Frame Summary File: **PERFO_014LUP** Sequence: **12**

Origin: 34

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3508.10 m	3437.23 m	−60.0 (0.1 in) up	20	TDEP	60B
	11509.50	11277.00 ft				
BOREHOLE−DEPTH	3508.10 m	3437.25 m	−10.0 (0.1 in) up	9	TDEP;1	10B
	11509.50	11277.08 ft				

File Header File: **PERFO_015LTP** Sequence: **13**

Defining Origin: 34

File ID: PERFO_015LTP File Type: STATION
Producer Name: Schlumberger Product/Version: OP 13C0−300 File Set: 41 File Number: 14 17−FEB−2006 9:51:36

Company Name: Esso Australia Ltd.
Well Name: FLA A−26
Field Name: Flounder
Tool String: MWP_GUN, MWPT−CA, MWGT−A
Computations: WELLCAD

Error Summary File: **PERFO_015LTP** Sequence: **13**

No errors detected in file.

Well Site Data File: **PERFO_015LTP** Sequence: **13**

Origin: 34

Well Data

Company Name	Esso Australia Ltd.		CN
Well Name	FLA A−26		WN
Field Name	Flounder		FN
Rig:	Prod 4		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland Basin		FL
	Bass Strait		FL1
Service Order Number	3282		SON
Longitude	148* 06’ 15.1" E		LONG
Latitude	38*18’ 45.24"S		LATI
Maximum Hole Deviation	28.0 (deg)		MHD
Elevation of Kelly Bushing	33.0 (m)		EKB
Elevation of Ground Level	−94.0 (m)		EGL
Elevation of Derrick Floor	33.0 (m)		EDF
Permanent Datum	Mean Sea Level	Elevation of Permanent Datum 33.0 (m)	PDAT, EPD
Log Measured From	Kelly Bushing	Above Permanent Datum −33.0 (m)	LMF, APD
Drilling Measured From	Kelly Bushing		DMF

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

Job Data

Date as Month−Day−Year	12−Feb−2006		DATE
Run Number	1		RUN
Total Depth − Driller	2850.0 (m)		TDD
Total Depth − Logger	8916.7 (m)		TDL
Bottom Log Interval	2700.0 (m)		BLI
Top Log Interval	2699.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	11.8 (m)		CDF
Casing Depth To	2850.0 (m)		CADT
Casing Grade	K−55		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	629.0 (m)		BSDF
Bit Size Depth To	2850.0 (m)		BSDT
Date Logger At Bottom	12−Feb−2006	Time Logger At Bottom 10:31	DLAB, TLAB
Logging Unit Number	1	Logging Unit Location VEA	LUN, LUL
Engineer’s Name	G.Fraser/O Darby		ENGI
Witness’s Name	Barrie White		WITN
Service Order Number	3282		SON

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	467.4 (degC)		MRT
	467.4 (degC)		MRT1
Date Logger At Bottom	12−Feb−2006	Time Logger At Bottom 10:31	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 corrleated to Solar log dated , provided by the client.	R1
Objective:	R2

Objective: R3
To perforate the well at 2714m to 2715.5m MDKB using 2 1/8" Enerjet gun R4
loaded with PowerSpiral charges. R5
After perforating, obtained static FBHP of psi and FBHT degF, then R6
flowed well for 15 min to obtain FBHP, FBHT and also for well clean up. R7
Before perforation : FBHP = XXX psia, FBHT = XXX DegF R8
After perforation : FBHP = XXX pisa, FBHT = XXX DegF R9
API Data: R10
Spiral PowerJet charges, UN 0441 R11
Penetration: 27.3" R12
Entrance Hole: 0.25" R13
Specialist:G Fraser Owen Darby R15
Operators: Garry Martin,Andy Hall R16
Performed by Schlumberger R17

Other Services

MPBT OS1
DB−TT OS2

Frame Summary File: **PERFO_015LTP** Sequence: **13**

Origin: 34

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
TIME	3798.99	4911.00 s	2000.0 (0.5 ms)	5	TIME;2	2000T
TIME	3798.99	4911.00 s	1000.0 (0.5 ms)	14	TIME;3	1000T
TIME	3798.99	4911.25 s	500.0 (0.5 ms)	4	TIME;4	500T

File Header File: **PERFO_016PTP** Sequence: **14**

Defining Origin: 34

File ID: PERFO_016PTP File Type: PLAYBACK
Producer Name: Schlumberger Product/Version: OP 13C0−300 File Set: 41 File Number: 15 17−FEB−2006 10:41:37

Company Name: Esso Australia Ltd.
Well Name: FLA A−26
Field Name: Flounder
Tool String: MWP_GUN, MWPT−CA, MWGT−AA
Computations: WELLCAD

Error Summary File: **PERFO_016PTP** Sequence: **14**

No errors detected in file.

Well Site Data File: **PERFO_016PTP** Sequence: **14**

Origin: 34

Well Data

Company Name	Esso Australia Ltd.		CN
Well Name	FLA A−26		WN
Field Name	Flounder		FN
Rig:	Prod 4		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland Basin		FL
	Bass Strait		FL1
Service Order Number	3282		SON
Longitude	148* 06' 15.1" E		LONG
Latitude	38*18' 45.24"S		LATI
Maximum Hole Deviation	28.0 (deg)		MHD
Elevation of Kelly Bushing	33.0 (m)		EKB
Elevation of Ground Level	−94.0 (m)		EGL
Elevation of Derrick Floor	33.0 (m)		EDF
Permanent Datum	Mean Sea Level	Elevation of Permanent Datum 33.0 (m)	PDAT, EPD
Log Measured From	Kelly Bushing	Above Permanent Datum −33.0 (m)	LMF, APD

Drilling Measured From	Kelly Bushing		DMF

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

Job Data

Date as Month−Day−Year	12−Feb−2006			DATE
Run Number	1			RUN
Total Depth − Driller	2850.0 (m)			TDD
Total Depth − Logger	8916.7 (m)			TDL
Bottom Log Interval	2700.0 (m)			BLI
Top Log Interval	2699.0 (m)			TLI
Current Casing Size	7.00 (in)			CSIZ
Casing Depth From	11.8 (m)			CDF
Casing Depth To	2850.0 (m)			CADT
Casing Grade	K−55			CASG
Casing Weight	26.0 (lbm/ft)			CWEI
Bit Size	8.50 (in)			BS
Bit Size Depth From	629.0 (m)			BSDF
Bit Size Depth To	2850.0 (m)			BSDT
Date Logger At Bottom	12−Feb−2006	Time Logger At Bottom	10:31	DLAB, TLAB
Logging Unit Number	1	Logging Unit Location	VEA	LUN, LUL
Engineer's Name	G.Fraser/O Darby			ENGI
Witness's Name	Barrie White			WITN
Service Order Number	3282			SON

Mud Data

Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	467.4 (degC)			MRT
	467.4 (degC)			MRT1
Date Logger At Bottom	12−Feb−2006	Time Logger At Bottom	10:31	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 corrleated to Solar log dated , provided by the client.	R1
Objective:	R3
To perforate the well at 2714m to 2715.5m MDKB using 2 1/8" Enerjet gun	R4
loaded with PowerSpiral charges.	R5
After perforating, obtained static FBHP of psi and FBHT degF, then	R6
flowed well for 15 min to obtain FBHP, FBHT and also for well clean up.	R7
Before perforation : FBHP = XXX psia, FBHT = XXX DegF	R8
After perforation : FBHP = XXX pisa, FBHT = XXX DegF	R9
API Data:	R10
Spiral PowerJet charges, UN 0441	R11
Penetration: 27.3"	R12
Entrance Hole: 0.25"	R13
Specialist:G Fraser Owen Darby	R15
Operators: Garry Martin,Andy Hall	R16
Performed by Schlumberger	R17

Other Services

MPBT	OS1
DB−TT	OS2

Frame Summary File: **PERFO_016PTP** Sequence: **14**

Origin: 34

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
TIME	3799.00	4908.00 s	2000.0 (0.5 ms)	5	TIME;2	2000T
TIME	3799.00	4907.50 s	1000.0 (0.5 ms)	14	TIME;3	1000T
TIME	3799.00	4907.75 s	500.0 (0.5 ms)	4	TIME;4	500T

File Header File: **PSP_014LUP** Sequence: **15**

Defining Origin: 41

File ID: PSP_014LUP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 13C0−300 File Set: 41 File Number: 13 13−FEB−2006 14:58:32

Company Name: Esso Australia Ltd.
Well Name: A−17a
Field Name: Flounder
Tool String: PSPT−A/B
Computations: WELLCAD

Error Summary

File: **PSP_014LUP** Sequence: **15**

No errors detected in file.

Well Site Data

File: **PSP_014LUP** Sequence: **15**

Origin: 41

Well Data

Company Name	Esso Australia Ltd.			CN
Well Name	A−17a			WN
Field Name	Flounder			FN
Rig :	Crane			CLAB, COUN
State:	Victoria			SLAB, STAT
Nation	Australia			NATI
Field Location	Gippsland			FL
	Basin			FL1
	Bass Strait			FL2
Service Order Number	Ausl 05103771			SON
Longitude	148 26'22.270"E			LONG
Latitude	038 18'39.158"S			LATI
Maximum Hole Deviation	49.0 (deg)			MHD
Elevation of Kelly Bushing	34.2 (m)			EKB
Elevation of Ground Level	−93.0 (m)			EGL
Elevation of Derrick Floor	33.8 (m)			EDF
Permanent Datum	Mean Sea Level	Elevation of Permanent Datum 0.0 (m)		PDAT, EPD
Log Measured From	Kelly Bushing	Above Permanent Datum 32.1 (m)		LMF, APD
Drilling Measured From	Kelly Bushing			DMF

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

Job Data

Date as Month−Day−Year	13−Feb−2006			DATE
Run Number	1 thru 3			RUN
Total Depth − Driller	3636.0 (m)			TDD
Total Depth − Logger	3594.0 (m)			TDL
Bottom Log Interval	11729.0 (m)			BLI
Top Log Interval	11482.9 (m)			TLI
Current Casing Size	3.50 (in)			CSIZ
Casing Depth From	12.4 (m)			CDF
Casing Depth To	2610.9 (m)			CADT
Casing Grade	13Cr80			CASG
Casing Weight	12.6 (lbm/ft)			CWEI
Bit Size	8.50 (in)			BS
Bit Size Depth From	13.6 (m)			BSDF
Bit Size Depth To	2900.0 (m)			BSDT
Date Logger At Bottom	13−Feb−2006			DLAB
Logging Unit Number	1	Logging Unit Location Prod 4		LUN, LUL
Engineer's Name	Graham Fraser, Owen Darby			ENGI
Witness's Name	Barrie White			WITN
Service Order Number	Ausl 05103771			SON

Absent Valued Parameters: TLAB

Mud Data

Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	242.6 (degC)			MRT
	242.6 (degC)			MRT1
Date Logger At Bottom	13−Feb−2006			DLAB

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

Remarks

Log correlated to ExxonMobil Solar composite log dated 17−Mar−2005.	R1
Maximum well deviation = 49 degrees at 740m MDKB	R2

Maximum well deviation = 49 degrees at 740m MDKB. R2
This well perforated with 2 1/8"45 degree phased Powerjets at 6 spf. R3
Gun # 1 interval 3535.5m to 3538m MDKB. R4
SBHP = 3890 psia,SBHT = 245 degf. R5
Gun # 2 interval was 3520m to 3522m MDKB. R6
SBHP = 3871 psia,SBHT = 245 degf. R7
The 4 1/2" Mpbt plug was then set at 3539.5m MDKB. R10
No cement was dumped on the plug due to operational problems. R11
Crew : Eddie Mezenberg & Peter Lawrence. R17

Frame Summary File: **PSP_014LUP** Sequence: **15**

Origin: 41

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3532.02 m	3181.05 m	−60.0 (0.1 in) up	22	TDEP	60B
	11588.00 ft	10436.50 ft				
BOREHOLE−DEPTH	3532.02 m	3181.07 m	−10.0 (0.1 in) up	6	TDEP;1	10B
	11588.00 ft	10436.58 ft				

File Header File: **PSP_016LUP** Sequence: **16**

Defining Origin: 41

File ID: PSP_016LUP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 13C0−300 File Set: 41 File Number: 15 13−FEB−2006 15:49:49

Company Name: Esso Australia Ltd.
Well Name: A−17a
Field Name: Flounder
Tool String: PSPT−A/B
Computations: WELLCAD

Error Summary File: **PSP_016LUP** Sequence: **16**

No errors detected in file.

Well Site Data File: **PSP_016LUP** Sequence: **16**

Origin: 41

Well Data

Company Name	Esso Australia Ltd.		CN
Well Name	A−17a		WN
Field Name	Flounder		FN
Rig :	Crane		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Service Order Number	Ausl 05103771		SON
Longitude	148 26'22.270"E		LONG
Latitude	038 18'39.158"S		LATI
Maximum Hole Deviation	49.0 (deg)		MHD
Elevation of Kelly Bushing	34.2 (m)		EKB
Elevation of Ground Level	−93.0 (m)		EGL
Elevation of Derrick Floor	33.8 (m)		EDF
Permanent Datum	Mean Sea Level	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	Kelly Bushing	Above Permanent Datum 32.1 (m)	LMF, APD
Drilling Measured From	Kelly Bushing		DMF

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

Job Data

Date as Month−Day−Year	13−Feb−2006	DATE
Run Number	1 thru 3	RUN
Total Depth − Driller	3636.0 (m)	TDD
Total Depth − Logger	3594.0 (m)	TDL
Bottom Log Interval	11729.0 (m)	BLI
Top Log Interval	11482.9 (m)	TLI
Current Casing Size	3.50 (in)	CSIZ

Casing Depth From	12.4 (m)			CDF
Casing Depth To	2610.9 (m)			CADT
Casing Grade	13Cr80			CASG
Casing Weight	12.6 (lbm/ft)			CWEI
Bit Size	8.50 (in)			BS
Bit Size Depth From	13.6 (m)			BSDF
Bit Size Depth To	2900.0 (m)			BSDT
Date Logger At Bottom	13−Feb−2006			DLAB
Logging Unit Number	1	Logging Unit Location	Prod 4	LUN, LUL
Engineer's Name	Graham Fraser, Owen Darby			ENGI
Witness's Name	Barrie White			WITN
Service Order Number	Ausl 05103771			SON

Absent Valued Parameters: TLAB

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	242.6 (degC)	MRT
	242.6 (degC)	MRT1
Date Logger At Bottom	13−Feb−2006	DLAB

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

Remarks

Log correlated to ExxonMobil Solar composite log dated 17−Mar−2005.	R1
Maximum well deviation = 49 degrees at 740m MDKB.	R2
This well perforated with 2 1/8"45 degree phased Powerjets at 6 spf.	R3
Gun # 1 interval 3535.5m to 3538m MDKB.	R4
SBHP = 3890 psia,SBHT = 245 degf.	R5
Gun # 2 interval was 3520m to 3522m MDKB.	R6
SBHP = 3871 psia,SBHT = 245 degf.	R7
The 4 1/2" Mpbt plug was then set at 3539.5m MDKB.	R10
No cement was dumped on the plug due to operational problems.	R11
Crew : Eddie Mezenberg & Peter Lawrence.	R17

Frame Summary File: **PSP_016LUP** Sequence: **16**

Origin: 41

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3525.62 m	3186.99 m	−60.0 (0.1 in) up	22	TDEP	60B
	11567.00 ft	10456.00 ft				
BOREHOLE−DEPTH	3525.62 m	3187.01 m	−10.0 (0.1 in) up	6	TDEP;1	10B
	11567.00 ft	10456.08 ft				

File Header File: **PSP_020PUP** Sequence: **17**

Defining Origin: 41

File ID: PSP_020PUP File Type: PLAYBACK
Producer Name: Schlumberger Product/Version: OP 13C0−300 File Set: 41 File Number: 19 13−FEB−2006 16:42:27

Company Name:	Esso Australia Ltd.
Well Name:	A−17a
Field Name:	Flounder
Tool String:	PSPT−A/B
Computations:	WELLCAD

Error Summary File: **PSP_020PUP** Sequence: **17**

No errors detected in file.

Origin: 41

Well Data

Company Name	Esso Australia Ltd.		CN
Well Name	A−17a		WN
Field Name	Flounder		FN
Rig :	Crane		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Service Order Number	Ausl 05103771		SON
Longitude	148 26'22.270"E		LONG
Latitude	038 18'39.158"S		LATI
Maximum Hole Deviation	49.0 (deg)		MHD
Elevation of Kelly Bushing	34.2 (m)		EKB
Elevation of Ground Level	−93.0 (m)		EGL
Elevation of Derrick Floor	33.8 (m)		EDF
Permanent Datum	Mean Sea Level	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	Kelly Bushing	Above Permanent Datum 32.1 (m)	LMF, APD
Drilling Measured From	Kelly Bushing		DMF

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

Job Data

Date as Month−Day−Year	13−Feb−2006		DATE
Run Number	1 thru 3		RUN
Total Depth − Driller	3636.0 (m)		TDD
Total Depth − Logger	3594.0 (m)		TDL
Bottom Log Interval	11729.0 (m)		BLI
Top Log Interval	11482.9 (m)		TLI
Current Casing Size	3.50 (in)		CSIZ
Casing Depth From	12.4 (m)		CDF
Casing Depth To	2610.9 (m)		CADT
Casing Grade	13Cr80		CASG
Casing Weight	12.6 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	13.6 (m)		BSDF
Bit Size Depth To	2900.0 (m)		BSDT
Date Logger At Bottom	13−Feb−2006		DLAB
Logging Unit Number	1	Logging Unit Location Prod 4	LUN, LUL
Engineer's Name	Graham Fraser, Owen Darby		ENGI
Witness's Name	Barrie White		WITN
Service Order Number	Ausl 05103771		SON

Absent Valued Parameters: TLAB

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	242.6 (degC)	MRT
	242.6 (degC)	MRT1
Date Logger At Bottom	13−Feb−2006	DLAB

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

Remarks

Log correlated to ExxonMobil Solar composite log dated 17−Mar−2005.	R1
Maximum well deviation = 49 degrees at 740m MDKB.	R2
This well perforated with 2 1/8"45 degree phased Powerjets at 6 spf.	R3
Gun # 1 interval 3535.5m to 3538m MDKB.	R4
SBHP = 3890 psia,SBHT = 245 degf.	R5
Gun # 2 interval was 3520m to 3522m MDKB.	R6
SBHP = 3871 psia,SBHT = 245 degf.	R7
The 4 1/2" Mpbt plug was then set at 3539.5m MDKB.	R10
No cement was dumped on the plug due to operational problems.	R11
Crew : Eddie Mezenberg & Peter Lawrence.	R17

Origin: 41

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3526.08 m	3187.90 m	−60.0 (0.1 in) up	22	TDEP	60B
	11568.50 ft	10459.00 ft				
BOREHOLE−DEPTH	3526.08 m	3187.93 m	−10.0 (0.1 in) up	6	TDEP;1	10B
	11568.50 ft	10459.08 ft				

File Header

File: **PSP_024PUP** Sequence: **18**

Defining Origin: 41

File ID: PSP_024PUP File Type: PLAYBACK
Producer Name: Schlumberger Product/Version: OP 13C0−300 File Set: 41 File Number: 23 13−FEB−2006 17:05:53

Company Name: Esso Australia Ltd.
Well Name: A−17a
Field Name: Flounder
Tool String: PSPT−A/B
Computations: WELLCAD

Error Summary

File: **PSP_024PUP** Sequence: **18**

No errors detected in file.

Well Site Data

File: **PSP_024PUP** Sequence: **18**

Origin: 41

Well Data

Company Name	Esso Australia Ltd.		CN
Well Name	A−17a		WN
Field Name	Flounder		FN
Rig :	Crane		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Service Order Number	Ausl 05103771		SON
Longitude	148 26'22.270"E		LONG
Latitude	038 18'39.158"S		LATI
Maximum Hole Deviation	49.0 (deg)		MHD
Elevation of Kelly Bushing	34.2 (m)		EKB
Elevation of Ground Level	−93.0 (m)		EGL
Elevation of Derrick Floor	33.8 (m)		EDF
Permanent Datum	Mean Sea Level	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	Kelly Bushing	Above Permanent Datum 32.1 (m)	LMF, APD
Drilling Measured From	Kelly Bushing		DMF

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

Job Data

Date as Month−Day−Year	13−Feb−2006		DATE
Run Number	1 thru 3		RUN
Total Depth − Driller	3636.0 (m)		TDD
Total Depth − Logger	3594.0 (m)		TDL
Bottom Log Interval	11729.0 (m)		BLI
Top Log Interval	11482.9 (m)		TLI
Current Casing Size	3.50 (in)		CSIZ
Casing Depth From	12.4 (m)		CDF
Casing Depth To	2610.9 (m)		CADT
Casing Grade	13Cr80		CASG
Casing Weight	12.6 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	13.6 (m)		BSDF
Bit Size Depth To	2900.0 (m)		BSDT
Date Logger At Bottom	13−Feb−2006		DLAB
Logging Unit Number	1	Logging Unit Location Prod 4	LUN, LUL
Engineer's Name	Graham Fraser, Owen Darby		ENGI
Witness's Name	Barrie White		WITN
Service Order Number	Ausl 05103771		SON

Absent Valued Parameters: TLAB

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	242.6 (degC)	MRT
	242.6 (degC)	MRT1
Date Logger At Bottom	13−Feb−2006	DLAB

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

Remarks

Log correlated to ExxonMobil Solar composite log dated 17−Mar−2005.	R1
Maximum well deviation = 49 degrees at 740m MDKB.	R2
This well perforated with 2 1/8"45 degree phased Powerjets at 6 spf.	R3
Gun # 1 interval 3535.5m to 3538m MDKB.	R4
SBHP = 3890 psia,SBHT = 245 degf.	R5
Gun # 2 interval was 3520m to 3522m MDKB.	R6
SBHP = 3871 psia,SBHT = 245 degf.	R7
The 4 1/2" Mpbt plug was then set at 3539.5m MDKB.	R10
No cement was dumped on the plug due to operational problems.	R11
Crew : Eddie Mezenberg & Peter Lawrence.	R17

Frame Summary File: **PSP_024PUP** Sequence: **18**

Origin: 41

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3531.41 m	3180.89 m	−60.0 (0.1 in) up	22	TDEP	60B
	11586.00 ft	10436.00 ft				
BOREHOLE−DEPTH	3531.41 m	3180.92 m	−10.0 (0.1 in) up	6	TDEP;1	10B
	11586.00 ft	10436.08 ft				

File Header File: **PSP_041PUP** Sequence: **19**

Defining Origin: 35

File ID: PSP_041PUP File Type: PLAYBACK − SPLICE
Producer Name: Schlumberger Product/Version: OP 13C0−300 File Set: 41 File Number: 39 13−FEB−2006 19:15:30

Company Name: Esso Australia Ltd.
Well Name: A−17a
Field Name: Flounder
Tool String: PSPT−A/B
Computations: WELLCAD

Error Summary File: **PSP_041PUP** Sequence: **19**

No errors detected in file.

Well Site Data File: **PSP_041PUP** Sequence: **19**

Origin: 35

Well Data

Company Name	Esso Australia Ltd.	CN
Well Name	A−17a	WN
Field Name	Flounder	FN
Rig :	Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL

	Basin		FL1
	Bass Strait		FL2
Service Order Number	Ausl 05103771		SON
Longitude	148 26'22.270"E		LONG
Latitude	038 18'39.158"S		LATI
Maximum Hole Deviation	49.0 (deg)		MHD
Elevation of Kelly Bushing	34.2 (m)		EKB
Elevation of Ground Level	−93.0 (m)		EGL
Elevation of Derrick Floor	33.8 (m)		EDF
Permanent Datum	Mean Sea Level	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	Kelly Bushing	Above Permanent Datum 32.1 (m)	LMF, APD
Drilling Measured From	Kelly Bushing		DMF

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

Job Data

Date as Month−Day−Year	13−Feb−2006		DATE
Run Number	1 thru 3		RUN
Total Depth − Driller	3636.0 (m)		TDD
Total Depth − Logger	3594.0 (m)		TDL
Bottom Log Interval	11729.0 (m)		BLI
Top Log Interval	11482.9 (m)		TLI
Current Casing Size	3.50 (in)		CSIZ
Casing Depth From	12.4 (m)		CDF
Casing Depth To	2610.9 (m)		CADT
Casing Grade	13Cr80		CASG
Casing Weight	12.6 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	13.6 (m)		BSDF
Bit Size Depth To	2900.0 (m)		BSDT
Date Logger At Bottom	13−Feb−2006		DLAB
Logging Unit Number	1	Logging Unit Location Prod 4	LUN, LUL
Engineer's Name	Graham Fraser, Owen Darby		ENGI
Witness's Name	Barrie White		WITN
Service Order Number	Ausl 05103771		SON

Absent Valued Parameters: TLAB

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	242.6 (degC)	MRT
	242.6 (degC)	MRT1
Date Logger At Bottom	13−Feb−2006	DLAB

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

Remarks

Log correlated to ExxonMobil Solar composite log dated 17−Mar−2005.	R1
Maximum well deviation = 49 degrees at 740m MDKB.	R2
This well perforated with 2 1/8"45 degree phased Powerjets at 6 spf.	R3
Gun # 1 interval 3535.5m to 3538m MDKB.	R4
SBHP = 3890 psia,SBHT = 245 degf.	R5
Gun # 2 interval was 3520m to 3522m MDKB.	R6
SBHP = 3871 psia,SBHT = 245 degf.	R7
The 4 1/2" Mpbt plug was then set at 3539.5m MDKB.	R10
No cement was dumped on the plug due to operational problems.	R11
Crew : Eddie Mezenberg & Peter Lawrence.	R17

Frame Summary File: **PSP_041PUP** Sequence: **19**

Origin: 35

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3526.08 m	3181.50 m	−60.0 (0.1 in) up	22	TDEP	60B
	11568.50	10438.00 ft				
BOREHOLE−DEPTH	3526.08	3181.53 m	−10.0 (0.1 in) up	6	TDEP;1	10B
	11568.50	10438.08 ft				