

**Input Source:** D:\OP\_Folder\Clients\Eso2007\HLA\_A-23\GUN\COMP\_HLA\_A23\_COMP\_054.DLIS  
**Format:** DLIS  
**Storage Set ID:** Default Storage Set

**Max Record Length:** 8192  
**Storage Unit Sequence:** 1

**File Header** File: **PERFO\_037LTP** Sequence: **1**

**Defining Origin: 60**

File ID: PERFO\_037LTP File Type: STATION  
Producer Name: Schlumberger Product/Version: OP 14C0-302 File Set: 41 File Number: 35 7-JAN-2008 14:52:06  
Company Name: Esso Australia Pty Ltd.  
Well Name: A-23  
Field Name: Halibut  
Tool String: MWP\_GUN, MWPT-CA, MWGT-AA  
Computations: WELLCAD, BORDYN

**Error Summary** File: **PERFO\_037LTP** Sequence: **1**

No errors detected in file.

**Well Site Data** File: **PERFO\_037LTP** Sequence: **1**

**Origin: 60**

**Well Data**

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-23	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	Ausl08589234	SON
Longitude	148 19'07.62"E	LONG
Latitude	038 24"20.36"S	LATI
Maximum Hole Deviation	26.0 (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	7-Jan-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2585.0 (m)	TDD
Total Depth - Logger	2554.5 (m)	TDL
Bottom Log Interval	2554.5 (m)	BLI
Top Log Interval	2553.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	13.5 (m)	CDF
Casing Depth To	2657.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Date Logger At Bottom	7-Jan-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	G Wright, R Sani.	ENGI
Witness's Name	B White.	WITN
Service Order Number	Ausl08589234	SON
	Time Logger At Bottom 11:30	
	Logging Unit Location Prod4 / Ausl	

Absent Valued Parameters: BSDF, BSDT

**Mud Data**

Drilling Fluid Type

Maximum Recorded Temperature

Date Logger At Bottom

Production Fluids

109.4 (degC)

109.4 (degC)

7-Jan-2008

Time Logger At Bottom

11:30

DFT

MRT

MRT1

DLAB, TLAB

Absent Valued Parameters: DFD, DFV, DFL, DFPB, 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 composite supplied with program.

Maximum well deviation = 26 degrees at 2555m MDKB.

2 1/8" Phased Powerjet at 6spf used for this perforation.

Zone perforated was 2553m to 2554.5m MDKB.

SBHP = 2527 psia.

SBHT = 227.9 degf.

After firing the gun :

SBHP = 3197 psia.

SBHT = 229 degf.

The well was not flowed for a clean up flow due to tool restriction re-entering tubing string.

Crew: J Light & N Simmons.

R1

R2

R3

R4

R5

R6

R7

R8

R9

R10

R11

R14

Other Services

None

OS1

Frame Summary

File: PERFO\_037LTP

Sequence: 1

Origin: 60

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
TIME	1682.44	2902.44 s	2000.0 (0.5 ms)	5	TIME;2	2000T
TIME	1682.44	2902.44 s	1000.0 (0.5 ms)	14	TIME;3	1000T
TIME	1682.44	2902.69 s	500.0 (0.5 ms)	4	TIME;4	500T

File Header

File: PERFO\_036LUP

Sequence: 2

Defining Origin: 60

File ID: PERFO\_036LUP

File Type: DEPTH LOG

Producer Name: Schlumberger

Product/Version: OP 14C0-302

File Set: 41

File Number: 34

7-JAN-2008 14:49:24

Company Name: Esso Australia Pty Ltd.

Well Name: A-23

Field Name: Halibut

Tool String: MWP\_GUN, MWPT-CA, MWGT-AA

Computations: WELLCAD, BORDYN

Error Summary

File: PERFO\_036LUP

Sequence: 2

No errors detected in file.

Well Site Data

File: PERFO\_036LUP

Sequence: 2

Origin: 60

Well Data

Company Name

Well Name

Field Name

Rig:

State:

Nation

Field Location

Service Order Number

Longitude

Latitude

Esso Australia Pty Ltd.

A-23

Halibut

Crane

Victoria

Australia

Gippsland

Basin

Bass Strait

Ausl08589234

148 19'07.62"E

038 24'20.36"S

CN

WN

FN

CLAB, COUN

SLAB, STAT

NATI

FL

FL1

FL2

SON

LONG

LATI

## File Header File: BFBFO\_035LUP Sequences: 3

File Header		File: PERFO_035LUP	Sequence: 3
<b>Defining Origin: 60</b>			
File ID: PERFO_035LUP File Type: DEPTH LOG			
Producer Name: Schlumberger		Product/Version: OP 14C0-302	File Set: 41
			File Number: 33
			7-JAN-2008 14:42:33
Company Name:	Esso Australia Pty Ltd.		
Well Name:	A-23		
Field Name:	Halibut		
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA		
Computations:	WELLCAD, BORDYN		

<b>Error Summary</b>	File: PERFO_035LUP	Sequence: 3
No errors detected in file.		

<b>Well Site Data</b>	File: PERFO_035LUP	Sequence: 3
<b>Origin: 60</b>		
<b>Well Data</b>		
Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-23	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	Ausl08589234	SON
Longitude	148 19'07.62"E	LONG
Latitude	038 24'20.36"S	LATI
Maximum Hole Deviation	26.0 (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		

<b>Job Data</b>		
Date as Month-Day-Year	7-Jan-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2585.0 (m)	TDD
Total Depth - Logger	2554.5 (m)	TDL
Bottom Log Interval	2554.5 (m)	BLI
Top Log Interval	2553.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	13.5 (m)	CDF
Casing Depth To	2657.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Date Logger At Bottom	7-Jan-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	G Wright,R Sani.	ENGI
Witness's Name	B White.	WITN
Service Order Number	Ausl08589234	SON
	Time Logger At Bottom	11:30
	Logging Unit Location	Prod4 / Ausl
Absent Valued Parameters: BSDF, BSDT		

<b>Mud Data</b>		
Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	109.4 (degC)	MRT
	109.4 (degC)	MRT1
Date Logger At Bottom	7-Jan-2008	DLAB, TLAB
	Time Logger At Bottom	11:30
Absent Valued Parameters: DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT2, MRT3, DCS, TCS		

<b>PVT Data</b>		
Absent Valued Parameters: ODEN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR		
<b>Cement Data</b>		
Cement Job Type	Primary	CJT

Remarks

Log correlated to ExxonMobil composite supplied with program.	R1
Maximum well deviation = 26 degrees at 2555m MDKB.	R2
2 1/8" Phased Powerjet at 6spf used for this perforation.	R3
Zone perforated was 2553m to 2554.5m MDKB.	R4
SBHP = 2527 psia.	R5
SBHT = 227.9 degf.	R6
After firing the gun :	R7
SBHP = 3197 psia.	R8
SBHT = 229 degf.	R9
The well was not flowed for a clean up flow due to tool	R10
restriction re-entering tubing string.	R11
Crew: J Light & N Simmons.	R14

Other Services

None	OS1
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Frame Summary      File: PERFO\_035LUP      Sequence: 3

Origin: 60

<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	2565.04	2536.39 m	-60.0 (0.1 in) up	22	TDEP	60B
	8415.50	8321.50 ft				
BOREHOLE-DEPTH	2565.04	2536.42 m	-10.0 (0.1 in) up	10	TDEP,1	10B
	8415.50	8321.58 ft				

File Header      File: PSP\_042PUP      Sequence: 4

Defining Origin: 20

File ID: PSP_042PUP	File Type: PLAYBACK				
Producer Name: Schlumberger	Product/Version: OP 14C0-302	File Set: 41	File Number: 40	7-JAN-2008 16:52:43	
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A-23				
Field Name:	Halibut				
Tool String:	PSPT-A/B				
Computations:	WELLCAD, BORDYN				

Error Summary      File: PSP\_042PUP      Sequence: 4

No errors detected in file.

Well Site Data      File: PSP\_042PUP      Sequence: 4

Origin: 20

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-23	WN
Field Name	Halibut	FN
Rig :	Prod4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl07484959	SON
Longitude	148 19'07.62"E	LONG

Latitude	038 24"20.36"S			LATI
Maximum Hole Deviation	26.0 (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	Elevation of Permanent Datum	0.0 (m)	PDAT, EPD
Log Measured From	K.B	Above Permanent Datum	29.5 (m)	LMF, APD
Drilling Measured From	K.B			DMF

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

Job Data

Date as Month–Day–Year	7–Jan–2008			DATE
Run Number	One			RUN
Total Depth – Driller	2585.0 (m)			TDD
Total Depth – Logger	2556.0 (m)			TDL
Bottom Log Interval	2556.0 (m)			BLI
Top Log Interval	2556.0 (m)			TLI
Current Casing Size	7.00 (in)			CSIZ
Casing Depth From	13.5 (m)			CDF
Casing Depth To	26580.0 (m)			CADT
Casing Grade	L–80			CASG
Casing Weight	26.0 (lbm/ft)			CWEI
Bit Size	8.50 (in)			BS
Date Logger At Bottom	10–Sep–2007	Time Logger At Bottom	16:20	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	Prod4 / AUSL	LUN, LUL
Engineer's Name	G Wright,R sani.			ENGI
Witness's Name	B White.			WITN
Service Order Number	Ausl07484959			SON

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	108.9 (degC)			MRT
	108.9 (degC)			MRT1
Date Logger At Bottom	10-Sep-2007	Time Logger At Bottom	16:20	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
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Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA

Remarks

Log correlated to Solar composite supplied with logging program.	R1
Maximum well deviation = 26 degree'sa at 2555m MDKB.	R2
Crew : C. Shiells, P. Lawrence	R14

Other Services

None	OS1
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<div> <div>Frame Summary</div> <div>File: <b>PSP_042PUP</b></div> <div>Sequence: <b>4</b></div> </div>																															
<div> <div>Origin: 20</div> <table> <tr> <th>Index Type</th><th>Start</th><th>Stop</th><th>Spacing</th><th>Channels</th><th>Index Channel</th><th>Frame Name</th></tr> <tr> <td rowspan="2">BOREHOLE–DEPTH</td><td>2627.68</td><td>2500.27 m</td><td rowspan="2">–60.0 (0.1 in) up</td><td rowspan="2">24</td><td rowspan="2">TDEP</td><td rowspan="2">60B</td></tr> <tr> <td>8621.00</td><td>8203.00 ft</td></tr> <tr> <td rowspan="2">BOREHOLE–DEPTH</td><td>2627.68</td><td>2500.30 m</td><td rowspan="2">–10.0 (0.1 in) up</td><td rowspan="2">7</td><td rowspan="2">TDEP;1</td><td rowspan="2">10B</td></tr> <tr> <td>8621.00</td><td>8203.08 ft</td></tr> </table> </div>							Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name	BOREHOLE–DEPTH	2627.68	2500.27 m	–60.0 (0.1 in) up	24	TDEP	60B	8621.00	8203.00 ft	BOREHOLE–DEPTH	2627.68	2500.30 m	–10.0 (0.1 in) up	7	TDEP;1	10B	8621.00	8203.08 ft
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name																									
BOREHOLE–DEPTH	2627.68	2500.27 m	–60.0 (0.1 in) up	24	TDEP	60B																									
	8621.00	8203.00 ft																													
BOREHOLE–DEPTH	2627.68	2500.30 m	–10.0 (0.1 in) up	7	TDEP;1	10B																									
	8621.00	8203.08 ft																													

<div> <div>Schlumberger</div> <div>Verification Listing</div> </div>			Listing Completed: 11–JAN–2008 15:06:30		
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