

**Input Source:** D:\OP\_Folder\Clients\Ess02008\FLA\_A24a\GUN\FLA A24a Mwp\_Ener 3-Feb-08\DLIS\MwptEner LOP\_021LUP.DLIS  
**Format:** DLIS  
**Storage Set ID:** Default Storage Set  
**Max Record Length:** 8192  
**Storage Unit Sequence:** 1

**File Header** File: **PERFO\_021LUP** Sequence: **21****Defining Origin: 64**

File ID: PERFO\_021LUP File Type: DEPTH LOG  
Producer Name: Schlumberger Product/Version: OP 15C0-309 File Set: 41 File Number: 20 3-FEB-2008 21:04:42  
Company Name: Esso Australia Pty Ltd.  
Well Name: A-24a  
Field Name: Flounder  
Tool String: MWP\_GUN, MWPT-CA, MWGT-AA  
Computations: WELLCAD, BORDYN

**Error Summary** File: **PERFO\_021LUP** Sequence: **21**

No errors detected in file.

**Well Site Data** File: **PERFO\_021LUP** Sequence: **21****Origin: 64****Well Data**

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-24a	WN
Field Name	Flounder	FN
Rig:	Mast	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AUSL07336277	SON
Longitude	148° 06' 15.10"E	LONG
Latitude	38° 18' 45.24"S	LATI
Maximum Hole Deviation	47.0 (deg)	MHD
Elevation of Kelly Bushing	33.8 (m)	EKB
Elevation of Ground Level	93.0 (m)	EGL
Elevation of Derrick Floor	33.8 (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 33.8 (m)	

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

**Job Data**

Date as Month-Day-Year	3-Feb-2008	DATE
Run Number	1	RUN
Total Depth - Driller	3193.0 (m)	TDD
Total Depth - Logger	3128.5 (m)	TDL
Bottom Log Interval	3103.2 (m)	BLI
Top Log Interval	3102.5 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	13.5 (m)	CDF
Casing Depth To	3186.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	662.0 (m)	BSDF
Bit Size Depth To	3193.0 (m)	BSDT
Date Logger At Bottom	3-Feb-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert / C.Rowand	ENGI
Witness's Name	B White / J.DiGiouanni	WITN
Service Order Number	AUSL07336277	SON
	Time Logger At Bottom 11:00	
	Logging Unit Location Prod 4 / AUSL	

**Mud Data**



<b>Mud Data</b>		Production Fluids	DFT
Drilling Fluid Type		226.0 (degF)	MRT
Maximum Recorded Temperature		230.0 (degF)	MRT1
Date Logger At Bottom	3-Feb-2008	Time Logger At Bottom 11:00	DLAB, TLAB
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
Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA			
<b>Remarks</b>			
Log correlated to ExxonMobil Solar Composite Log supplied with logging program.			R1
Objectives: Perforate the well over the interval 3102.5m 3103.2m MDKB			R2
using 2-1/8" 6 SPF, 45 deg phased Powerjet gun with MWPT.			R3
Maximum Well Deviation - 47deg @ 630m MDKB			R4
Perforation interval: 3102.5m to 3103.2m MDKB.			R5
CCL to top shot = 3.50 m			R6
CCL Stop Depth = 3099.00 m MDKB			R7
Before gun shot: SBHT = 230.2 degF SBHP = 3089.4 psia			R8
After gun shot: SBHT = 231.3degF SBHP = 3090.0 psia			R9
Schlumberger crews: P.Lawrence, Z Casey, G Martin, C Shiells			R17
<b>Other Services</b>			
None			OS1

<b>Channels</b>		File: PERFO_021LUP	Sequence: 21
<b>Origin: 64</b>			
<b>MWPT-CA: MEASUREMENT WHILE PERFORATING TOOL</b>			
Spacing: -6.0 in		Number of Channels: 30	
CERN	CSGP	DPRE	ITEM
RDB2	RHV	RSGF	RSGP
TAMF	TEMP_MWPT	TERN	
Spacing: -1.0 in		Number of Channels: 5	
AGC	CCL	CCL_COR	FCCL
		RCCL	
<b>MWGT-AA: MEASUREMENT WHILE PERFORATING GAMMA RAY TOOL</b>			
Spacing: -6.0 in		Number of Channels: 2	
GR	RGR		
<b>System and Miscellaneous</b>			
Spacing: -6.0 in		Number of Channels: 10	
BHPR	BS	CS	CVEL
		GTEM	TDEP
		TENS	TIME
		TOD7_DL	TOJ_DL
Spacing: -1.0 in		Number of Channels: 6	
IDWD	SCCL	SCD	SCDV
		TDEP;1	TIME;1

Frame Summary		File: PERFO_021LUP	Sequence: 21			
Origin: 64						
<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	3098.90	3043.12 m	-60.0 (0.1 in) up	42	TDEP	60B
	10167.00	9984.00 ft				
BOREHOLE-DEPTH	3098.90	3043.15 m	-10.0 (0.1 in) up	11	TDEP;1	10B
	10167.00	9984.08 ft				



Verification Listing

Listing Completed: 3-FEB-2008 23:26:09