

**Input Source:** D:\OP\_Folder\Clients\Ess02008\FLA\_A20a\FLA A20a Ener\_MPBT\Dis\Gun Shooting Record\_025LTP.DLIS  
**Format:** DLIS  
**Storage Set ID:** Default Storage Set

**Max Record Length:** 8192**Storage Unit Sequence:** 1**File Header** File: **PERFO\_025LTP** Sequence: **25****Defining Origin: 111**

File ID: PERFO\_025LTP File Type: STATION

Producer Name: Schlumberger

Product/Version: OP 15C0-309

File Set: 41

File Number: 24

4-FEB-2008 18:33:36

Company Name: Esso Australia Pty Ltd.

Well Name: A-20a

Field Name: Flounder

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

Computations: WELLCAD, BORDYN

**Error Summary** File: **PERFO\_025LTP** Sequence: **25**

No errors detected in file.

**Well Site Data** File: **PERFO\_025LTP** Sequence: **25****Origin: 111****Well Data**

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-20a	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	AUSL07336278	SON
Longitude	148° 26' 21.748"E	LONG
Latitude	38° 18' 39.245"S	LATI
Maximum Hole Deviation	49.0 (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	4-Feb-2008	DATE
Run Number	1 through 6	RUN
Total Depth - Driller	2789.0 (m)	TDD
Total Depth - Logger	2747.0 (m)	TDL
Bottom Log Interval	2663.0 (m)	BLI
Top Log Interval	2658.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	13.8 (m)	CDF
Casing Depth To	2770.0 (m)	CADT
Casing Grade	N-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	804.0 (m)	BSDF
Bit Size Depth To	2789.0 (m)	BSDT
Date Logger At Bottom	4-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	AUSL07336278	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		229.0 (degF)		MRT
Maximum Recorded Temperature		230.0 (degF)		MRT1
Date Logger At Bottom	4-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 intervals 2658-2659.7, 2661.4-2663 m MDKB using 2-1/8" 6 SPF, 45 deg phased Powerjet gun with MWPT.				R2
Set a 7" Posiset plug with top of seal at 2675 m MDKB then dump approximately 1m of cement on top.				R3
GOC @ 1677m MDKB, OWC @ 2199m MDKB. Tagged HUD @ 2747 m MDKB.				R4
Perforation interval: Gun#1 2658-2659.7, GUN#2 - 2661.4-2663m MDKB.				R5
Gun#1 CCL to top shot = 3.5 m Gun#2 CCL Top Shot = 6.8m				R6
Gun#1 CCL Stop Depth = 2654.6 m MDKB Gun#2 CCL Stop Depth = 2654.6m				R7
Before gun shot: SBHT = 230.7 degF SBHP = 3113.0 psia				R8
After gun shot: SBHT = 230.6 degF SBHP = 3105.3 psia				R9
Top of seal @ 2675 m MDKB				R11
CCL to top of seal = 7.07 m				R12
CCL Stop Depth: 2667.93m MDKB				R13
Dump Bailers:				R14
CCL to bottom of bailer = 11m				R15
2 cement runs were made with 1-11/16", 32ft long dump bailers.				R16
Schlumberger crews: P.Lawrence, Z Casey, G Martin, C Shiells				R17
<b>Other Services</b>				
None				OS1

<b>Channels</b>	File: PERFO_025LTP	Sequence: 25
<b>Origin: 111</b>		
<b>MWPT-CA: MEASUREMENT WHILE PERFORATING TOOL</b>		
Spacing: 500.0 ms Number of Channels: 21		
CSGP_SL DPRE_SL DTEM_SL ESGP_SL FSS_SL HV_SL MTES_SL MWPS_SL PSGP_SL RCCL_SL RHV_SL RSGF_SL RSGP_SL		
RSGT_SL RTEF_SL RTEMP_MWPT_SL SGPA_SL SGPT_SL SGP_SL SYNCQ_SL TEMP_MWPT_SL		
Spacing: 250.0 ms Number of Channels: 3		
AGC_SL CCL_SL TAMF_SL		
<b>MWGT-AA: MEASUREMENT WHILE PERFORATING GAMMA RAY TOOL</b>		
Spacing: 500.0 ms Number of Channels: 2		
GR_SL RGR_SL		
<b>System and Miscellaneous</b>		
Spacing: 1000.0 ms Number of Channels: 7		
DEPT_SL ETIM_PL TDEP;2 TENS_SL TIME;2 TOD7 TOJ		
Spacing: 500.0 ms Number of Channels: 2		
TDEP;4 TIME;4		
Spacing: 250.0 ms Number of Channels: 3		
ETIM;1 TDEP;5 TIME;5		

Frame Summary							File: PERFO_025LTP	Sequence: 25
Origin: 111								
<u>Index Type</u>	<u>Start</u>	<u>Stop</u>	<u>Spacing</u>	<u>Channels</u>	<u>Index Channel</u>	<u>Frame Name</u>		
TIME	2022.60	3167.60 s	2000.0 (0.5 ms)	7	TIME;2	2000T		
TIME	2022.60	3168.10 s	1000.0 (0.5 ms)	25	TIME;4	1000T		
TIME	2022.60	3168.10 s	500.0 (0.5 ms)	6	TIME;5	500T		