

Input Source: D:\OP_Folder\Clients\Essco_Australia_Pty_Ltd\FLA_A20a\FLA A20a Ener_MPBT\Dis\Gun Correlation_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: 111

File ID: PERFO_021LUP File Type: DEPTH LOG

Producer Name: Schlumberger

Product/Version: OP 15C0-309

File Set: 41

File Number: 20

4-FEB-2008 18:08:22

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_021LUP Sequence: 21

No errors detected in file.

Well Site Data

File: PERFO_021LUP Sequence: 21

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

Mud DataDrilling Fluid Type
Maximum Recorded TemperatureProduction Fluids
229.0 (degF)
230.0 (degF)

Date Logger At Bottom

4-Feb-2008

Time Logger At Bottom 11:00

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 Composite Log supplied with logging program.
Objectives: Perforate intervals 2658–2659.7, 2661.4–2663 m MDKB using 2–1/8" 6 SPF, 45 deg phased Powerjet gun with MWPT.
Set a 7" Posiset plug with top of seal at 2675 m MDKB then dump approximately 1m of cement on top.
GOC @ 1677m MDKB, OWC @ 2199m MDKB. Tagged HUD @ 2747 m MDKB.
Perforation interval: Gun#1 2658–2659.7, GUN#2 – 2661.4–2663m MDKB.
Gun#1 CCL to top shot = 3.5 m Gun#2 CCL Top Shot = 6.8m
Gun#1 CCL Stop Depth = 2654.6 m MDKB Gun#2 CCL Stop Depth = 2654.6m
Before gun shot: SBHT = 230.7 degF SBHP = 3113.0 psia
After gun shot: SBHT = 230.6 degF SBHP = 3105.3 psia
Top of seal @ 2675 m MDKB
CCL to top of seal = 7.07 m
CCL Stop Depth: 2667.93m MDKB
Dump Bailers:
CCL to bottom of bailer = 11m
2 cement runs were made with 1–11/16", 32ft long dump bailers.
Schlumberger crews: P.Lawrence, Z Casey, G Martin, C Shiells

R1
R2
R3
R4
R5
R6
R7
R8
R9
R11
R12
R13
R14
R15
R16
R17**Other Services**

None

OS1

Channels

File: PERFO_021LUP Sequence: 21

Origin: 111**MWPT–CA: MEASUREMENT WHILE PERFORATING TOOL**

Spacing: –6.0 in

Number of Channels: 30

CERN	CSGP	DPRE	DTM	ESGP	ETIM	FSS	HV	MTES	MWPS	PERN	PSGP	RCSR	RDB1
RDB2	RHV	RSGF	RSGP	RSGT	RTEF	RTEMP_MWPT	SERN	SGP	SGPA	SGPT	STAT	SYNCQ	
TAMF	TEMP_MWPT	TERN											

Spacing: –1.0 in

Number of Channels: 5

AGC CCL CCL_COR FCCL RCCL

MWGT–AA: MEASUREMENT WHILE PERFORATING GAMMA RAY TOOL

Spacing: –6.0 in

Number of Channels: 2

GR RGR

System and Miscellaneous

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: 111

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE–DEPTH	2690.01	2637.59 m	–60.0 (0.1 in) up	42	TDEP	60B
	8825.50	8653.50 ft				
BOREHOLE–DEPTH	2690.01	2637.61 m	–10.0 (0.1 in) up	11	TDEP;1	10B
	8825.50	8653.58 ft				

**Verification Listing**

Listing Completed: 12–FEB–2008 16:50:03