

Input Source: D:\OP_Folder\Clients\Essso_Halibut\HLA_A20a\GUN\COMP_MWPT_COMP_015.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **PERFO_010LUP** Sequence: **1**

Defining Origin: 66

File ID: PERFO_010LUP File Type: DEPTH LOG

Producer Name: Schlumberger

Product/Version: OP 14C0-302

File Set: 41

File Number: 9

24-MAY-2006 7:44:34

Company Name: Esso Australia Ltd.

Well Name: HLA-20a

Field Name: Halibut

Tool String: MWP_GUN, MWPT-CA, MWGT-AA

Computations: WELLCAD

Error Summary File: **PERFO_010LUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **PERFO_010LUP** Sequence: **1**

Origin: 66

Well Data

Company Name	Esso Australia Ltd.	CN
Well Name	HLA-20a	WN
Field Name	Halibut	FN
Rig:	Crane / Prod 2	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AUSL	SON
Maximum Hole Deviation	37.0 (deg)	MHD
Elevation of Kelly Bushing	29.3 (m)	EKB
Elevation of Ground Level	-90.0 (m)	EGL
Elevation of Derrick Floor	29.3 (m)	EDF
Permanent Datum	Mean Sea Level	PDAT, EPD
Log Measured From	Kelly Bushing	LMF, APD
Drilling Measured From	Kelly Bushing	DMF

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

Job Data

Date as Month-Day-Year	24-May-2006	DATE
Run Number	1	RUN
Total Depth - Driller	2715.0 (m)	TDD
Bottom Log Interval	2667.0 (m)	BLI
Top Log Interval	2661.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	2017.8 (m)	CDF
Casing Depth To	2784.9 (m)	CADT
Casing Grade	13 Cr	CASG
Casing Weight	12.6 (lbm/ft)	CWEI
Bit Size	6.63 (in)	BS
Bit Size Depth From	2158.0 (m)	BSDF
Bit Size Depth To	2835.0 (m)	BSDT
Date Logger At Bottom	24-May-2006	DLAB
Logging Unit Number	3827	LUN, LUL
Engineer's Name	O. Tahmiscic, P. Tarrant	ENGI
Witness's Name	B. Woodward, M. Wilson	WITN
Service Order Number	AUSL	SON

Absent Valued Parameters: TDL, TLAB

Mud Data

Drilling Fluid Type	Production Fluids	DFT
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Date Logger At Bottom	24-May-2006	DLAB
Absent Valued Parameters: 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		
Log correlated to Solar Log provided by client.		R1
Objective:		R3
Perforate the interval 2661m to 2667m MDKB using 2 1/8" Enerjet Gun		R4
loaded with PowerSpirol charges.		R5
Attempt to obtain a 300psi underbalance prior to perforating.		R6
Maximum deviation is 37deg at 550m MDKB		R8
API Data:		R11
Penetration: 30.4"		R12
Entrance Hole: 0.32"		R13
Day crew: B. Glover and N. Simmons		R15
Night crew: D. Stuckey and S. McGee		R16
Performed by Schlumberger.		R17
Other Services		
MPBT		OS1

Frame Summary File: PERFO_010LUP Sequence: 1						
Origin: 66						
<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	2696.11	2625.39 m	-60.0 (0.1 in) up	22	TDEP	60B
	8845.50	8613.50 ft				
BOREHOLE-DEPTH	2696.11	2625.42 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	8845.50	8613.58 ft				

File Header File: PERFO_011LUP Sequence: 2						
Defining Origin: 66						
File ID: PERFO_011LUP File Type: DEPTH LOG						
Producer Name: Schlumberger		Product/Version: OP 14C0-302		File Set: 41	File Number: 10	24-MAY-2006 7:58:43
Company Name: Esso Australia Ltd.						
Well Name: HLA-20a						
Field Name: Halibut						
Tool String: MWP_GUN, MWPT-CA, MWGT-AA						
Computations: WELLCAD						

Error Summary File: PERFO_011LUP Sequence: 2		
No errors detected in file.		

Well Site Data File: PERFO_011LUP Sequence: 2		
Origin: 66		
Well Data		
Company Name	Esso Australia Ltd.	CN
Well Name	HLA-20a	WN
Field Name	Halibut	FN
Rig:	Crane / Prod 2	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AUSL	SON
Maximum Hole Deviation	37.0 (deg)	MHD
Elevation of Kelly Bushing	29.3 (m)	EKR

Elevation of Kelly Bushing	29.3 (m)			ERB
Elevation of Ground Level	-90.0 (m)			EGL
Elevation of Derrick Floor	29.3 (m)			EDF
Permanent Datum	Mean Sea Level	Elevation of Permanent Datum	0.0 (m)	PDAT, EPD
Log Measured From	Kelly Bushing	Above Permanent Datum	29.3 (m)	LMF, APD
Drilling Measured From	Kelly Bushing			DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN, LONG, LATI				
Job Data				
Date as Month-Day-Year	24-May-2006			DATE
Run Number	1			RUN
Total Depth - Driller	2715.0 (m)			TDD
Total Depth - Logger	2696.3 (m)			TDL
Bottom Log Interval	2667.0 (m)			BLI
Top Log Interval	2661.0 (m)			TLI
Current Casing Size	4.50 (in)			CSIZ
Casing Depth From	2017.8 (m)			CDF
Casing Depth To	2784.9 (m)			CADT
Casing Grade	13 Cr			CASG
Casing Weight	12.6 (lbm/ft)			CWEI
Bit Size	6.63 (in)			BS
Bit Size Depth From	2158.0 (m)			BSDF
Bit Size Depth To	2835.0 (m)			BSDT
Date Logger At Bottom	24-May-2006	Time Logger At Bottom	7:30	DLAB, TLAB
Logging Unit Number	3827	Logging Unit Location	AUSL	LUN, LUL
Engineer's Name	O. Tahmiscic, P. Tarrant			ENGI
Witness's Name	B. Woodward, M. Wilson			WITN
Service Order Number	AUSL			SON
Mud Data				
Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	108.0 (degC)			MRT
	108.0 (degC)			MRT1
Date Logger At Bottom	24-May-2006	Time Logger At Bottom	7:30	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 Solar Log provided by client.				R1
Objective:				R3
Perforate the interval 2661m to 2667m MDKB using 2 1/8" Enerjet Gun				R4
loaded with PowerSpirol charges.				R5
Attempt to obtain a 300psi underbalance prior to perforating.				R6
Maximum deviation is 37deg at 550m MDKB				R8
API Data:				R11
Penetration: 30.4"				R12
Entrance Hole: 0.32"				R13
Day crew: B. Glover and N. Simmons				R15
Night crew: D. Stuckey and S. McGee				R16
Performed by Schlumberger.				R17
Other Services				
MPBT				OS1

Frame Summary						
File: PERFO_011LUP		Sequence: 2				
Origin: 66						
<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	2694.89	2617.01 m	-60.0 (0.1 in) up	22	TDEP	60B
	8841.50	8586.00 ft				
BOREHOLE-DEPTH	2694.89	2617.04 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	8841.50	8586.08 ft				

File Header		File: PERFO_011LUP				
		Sequence: 2				

File Header		File: PERFO_012LTP	Sequence: 3
Defining Origin: 66			
File ID: PERFO_012LTP File Type: STATION			
Producer Name: Schlumberger		Product/Version: OP 14C0-302	File Set: 41
		File Number: 11	24-MAY-2006 8:07:51
Company Name: Esso Australia Ltd.			
Well Name: HLA-20a			
Field Name: Halibut			
Tool String: MWP_GUN, MWPT-CA, MWGT-AA			
Computations: WELLCAD			

Error Summary	File: PERFO_012LTP	Sequence: 3
No errors detected in file.		

Well Site Data	File: PERFO_012LTP	Sequence: 3
Origin: 66		
Well Data		
Company Name	Esso Australia Ltd.	CN
Well Name	HLA-20a	WN
Field Name	Halibut	FN
Rig:	Crane / Prod 2	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AUSL	SON
Maximum Hole Deviation	37.0 (deg)	MHD
Elevation of Kelly Bushing	29.3 (m)	EKB
Elevation of Ground Level	-90.0 (m)	EGL
Elevation of Derrick Floor	29.3 (m)	EDF
Permanent Datum	Mean Sea Level	PDAT, EPD
Log Measured From	Kelly Bushing	LMF, APD
Drilling Measured From	Kelly Bushing	DMF
	Elevation of Permanent Datum 0.0 (m)	
	Above Permanent Datum 29.3 (m)	
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN, LONG, LATI		

Job Data		
Date as Month-Day-Year	24-May-2006	DATE
Run Number	1	RUN
Total Depth - Driller	2715.0 (m)	TDD
Total Depth - Logger	2696.3 (m)	TDL
Bottom Log Interval	2667.0 (m)	BLI
Top Log Interval	2661.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	2017.8 (m)	CDF
Casing Depth To	2784.9 (m)	CADT
Casing Grade	13 Cr	CASG
Casing Weight	12.6 (lbm/ft)	CWEI
Bit Size	6.63 (in)	BS
Bit Size Depth From	2158.0 (m)	BSDF
Bit Size Depth To	2835.0 (m)	BSDT
Date Logger At Bottom	24-May-2006	DLAB, TLAB
Logging Unit Number	3827	LUN, LUL
Engineer's Name	O. Tahmiscic, P. Tarrant	ENGI
Witness's Name	B. Woodward, M. Wilson	WITN
Service Order Number	AUSL	SON
	Time Logger At Bottom 7:30	
	Logging Unit Location AUSL	

Mud Data		
Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	108.0 (degC)	MRT
	108.0 (degC)	MRT1
Date Logger At Bottom	24-May-2006	DLAB, TLAB
	Time Logger At Bottom 7:30	
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 Solar Log provided by client.
Objective:
Perforate the interval 2661m to 2667m MDKB using 2 1/8" Enerjet Gun
loaded with PowerSpirol charges.
Attempt to obtain a 300psi underbalance prior to perforating.
Maximum deviation is 37deg at 550m MDKB
API Data:
Penetration: 30.4"
Entrance Hole: 0.32"
Day crew: B. Glover and N. Simmons
Night crew: D. Stuckey and S. McGee
Performed by Schlumberger.

R1
R3
R4
R5
R6
R8
R11
R12
R13
R15
R16
R17

Other Services

MPBT OS1

Frame Summary File: **PERFO_012LTP** Sequence: **3****Origin: 66**

<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	4675.44	6181.44 s	2000.0 (0.5 ms)	5	TIME;2	2000T
TIME	4675.44	6181.94 s	1000.0 (0.5 ms)	14	TIME;3	1000T
TIME	4675.44	6182.19 s	500.0 (0.5 ms)	4	TIME;4	500T

**Verification Listing****Listing Completed: 24-MAY-2006 8:58:58**