

Input Source: D:\OP_Folder\Clients\Essso_Australia_Pty_Ltd\HLA_A16a\GUN\COMP_HLA_A16A_HSD_COMP_026.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192**Storage Unit Sequence:** 1**File Header** File: **PERFO_016LUP** Sequence: **1****Defining Origin: 126**

File ID: PERFO_016LUP File Type: DEPTH LOG

Producer Name: Schlumberger

Product/Version: OP 14C0-302

File Set: 41

File Number: 18

16-MAR-2007 23:31:49

Company Name: Esso Australia Pty Ltd.

Well Name: HLA A16a

Field Name: Halibut

Tool String: SHM_GUN, PGGT-D

Computations: WELLCAD

Error Summary File: **PERFO_016LUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **PERFO_016LUP** Sequence: **1****Origin: 126****Well Data**

Company Name	Esso Australia Pty Ltd.	CN
Well Name	HLA A16a	WN
Field Name	Halibut	FN
Rig:	453	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Bass Strait	FL
	Gippsland Basin	FL1
Longitude	148° 19' 13.283"E	LONG
Latitude	38° 24' 15.028"S	LATI
Maximum Hole Deviation	17.0 (deg)	MHD
Elevation of Kelly Bushing	29.5 (m)	EKB
Elevation of Ground Level	-72.5 (m)	EGL
Elevation of Derrick Floor	29.5 (m)	EDF
Permanent Datum	Mean Sea Level	PDAT, EPD
Log Measured From	Drill Floor	LMF, APD
Drilling Measured From	Drill Floor	DMF

Absent Valued Parameters: CN1, CONT, FL2, SECT, TOWN, RANG, APIN, SON

Job Data

Date as Month-Day-Year	16-Mar-2007	DATE
Run Number	1	RUN
Total Depth - Driller	2536.0 (m)	TDD
Total Depth - Logger	2526.8 (m)	TDL
Bottom Log Interval	2410.0 (m)	BLI
Top Log Interval	2398.5 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	11.4 (m)	CDF
Casing Depth To	2535.3 (m)	CADT
Casing Grade	N-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	545.0 (m)	BSDF
Bit Size Depth To	2536.0 (m)	BSDT
Date Logger At Bottom	16-Mar-2007	DLAB, TLAB
Logging Unit Number	93	LUN, LUL
Engineer's Name	Chris Rowand	ENGI
Witness's Name	Mr B. Bigby / Mr C.Stead	WITN

Absent Valued Parameters: SON

Mud Data

Drilling Fluid Type	Brine	DFT
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Drilling Fluid Density

Date Logger At Bottom

8.55 (lbm/gal)

16-Mar-2007

Time Logger At Bottom

14:45

DFD

DLAB, TLAB

Absent Valued Parameters: DfV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT, MRT1, MRT2, MRT3, DCS, TCS

PVT Data

Absent Valued Parameters: ODEN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR

Cement Data

Cement Job TypePrimaryCJT

Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA

Remarks

Correlated to LWD Petrophysical Analysis provided by client

Objective: run Junk Basket then perforate overbalanced the M-111 sand with 4-1/2", 12 spf, Powerjet Omega HSD guns.

Junk Basket tagged HUD @ 2526.8 M

Perforated intervals:

Run #1: 2398.5-2399.5, 2409-2410 M

Operators = Kevin Kerr & Nathan Simmons (Days)

Gary Martin & Graige Harris (Nights)

R1

R2

R3

R4

R5

R6

R16

R17

Other Services

Junk Basket6" Gauge Ring

OS1

OS2

Channels

File: PERFO_016LUP

Sequence: 1

Origin: 126

SHM_GUN: GUN

Spacing: -1.0 inSCCL

Number of Channels: 1

PGGT-D: Powered Gun Gamma Ray - D

Spacing: -6.0 inGRRGR

Number of Channels: 2

Spacing: -1.0 inCCLRCCL

Number of Channels: 2

System and Miscellaneous

Spacing: -6.0 inBSCS

Number of Channels: 7

CVELETIMTDEPTENSTIME

Spacing: -1.0 inIDWDSCD

Number of Channels: 5

SCDV

TDEP;1

TIME;1

Frame Summary

File: PERFO_016LUP

Sequence: 1

Origin: 126

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2444.19	2396.34 m	-60.0 (0.1 in) up	9	TDEP	60B
	8019.00	7862.00 ft				
BOREHOLE-DEPTH	2444.19	2396.36 m	-10.0 (0.1 in) up	8	TDEP;1	10B
	8019.00	7862.08 ft				

File Header

File: PERFO_017LUP

Sequence: 2

Defining Origin: 126

File ID: PERFO_017LUP

File Type: DEPTH LOG

Producer Name: Schlumberger

Product/Version: OP 14C0-302

File Set: 41

File Number: 19

16-MAR-2007 23:46:46

Company Name:

Well Name:

Field Name:

Tool String:

Computations:

Esso Australia Pty Ltd.

HLA A16a

Halibut

SHM_GUN, PGGT-D

WEI I CAD

Computations: WELLSUM		
Error Summary	File: PERFO_017LUP	Sequence: 2
No errors detected in file.		

Well Site Data	File: PERFO_017LUP	Sequence: 2
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Origin: 126

Well Data

Company Name	Esso Australia Pty Ltd.		CN
Well Name	HLA A16a		WN
Field Name	Halibut		FN
Rig:	453		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Bass Strait		FL
	Gippsland Basin		FL1
Longitude	148° 19' 13.283"E		LONG
Latitude	38° 24' 15.028"S		LATI
Maximum Hole Deviation	17.0 (deg)		MHD
Elevation of Kelly Bushing	29.5 (m)		EKB
Elevation of Ground Level	-72.5 (m)		EGL
Elevation of Derrick Floor	29.5 (m)		EDF
Permanent Datum	Mean Sea Level	Elevation of Permanent Datum	0.0 (m) PDAT, EPD
Log Measured From	Drill Floor	Above Permanent Datum	29.5 (m) LMF, APD
Drilling Measured From	Drill Floor		DMF

Absent Valued Parameters: CN1, CONT, FL2, SECT, TOWN, RANG, APIN, SON

Job Data

Date as Month-Day-Year	16-Mar-2007		DATE
Run Number	1		RUN
Total Depth – Driller	2536.0 (m)		TDD
Total Depth – Logger	2526.8 (m)		TDL
Bottom Log Interval	2410.0 (m)		BLI
Top Log Interval	2398.5 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	11.4 (m)		CDF
Casing Depth To	2535.3 (m)		CADT
Casing Grade	N-80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	545.0 (m)		BSDF
Bit Size Depth To	2536.0 (m)		BSDT
Date Logger At Bottom	16-Mar-2007	Time Logger At Bottom	14:45 DLAB, TLAB
Logging Unit Number	93	Logging Unit Location	AUSL LUN, LUL
Engineer's Name	Chris Rowand		ENGI
Witness's Name	Mr B. Bigby / Mr C.Stead		WITN

Absent Valued Parameters: SON

Mud Data

Drilling Fluid Type	Brine		DFT
Drilling Fluid Density	8.55 (lbm/gal)		DFD
Date Logger At Bottom	16-Mar-2007	Time Logger At Bottom	14:45 DLAB, TLAB

Absent Valued Parameters: DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT, MRT1, 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

Correlated to LWD Petrophysical Analysis provided by client		R1
Objective: run Junk Basket then perforate overbalanced the M-111 sand with		R2
4-1/2", 12 spf, Powerjet Omega HSD guns.		R3
Junk Basket tagged HUD @ 2526.8 M		R4
Perforated intervals:		R5
Run #1: 2398.5-2399.5, 2409-2410 M		R6
Operators = Kevin Kerr & Nathan Simmons (Days)		R16
Gary Martin & Graige Harris (Nights)		R17

Other Services

Junk Basket		CS1
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Channels				File: PERFO_017LUP	Sequence: 2
Origin: 126					
SHM_GUN: GUN					
Spacing: -1.0 in		Number of Channels: 1			
SCCL					
PGGT-D: Powered Gun Gamma Ray - D					
Spacing: -6.0 in		Number of Channels: 2			
GR RGR					
Spacing: -1.0 in		Number of Channels: 2			
CCL RCCL					
System and Miscellaneous					
Spacing: -6.0 in		Number of Channels: 7			
BS	CS	CVEL	ETIM	TDEP	TENS TIME
Spacing: -1.0 in		Number of Channels: 5			
IDWD	SCD	SCDV	TDEP;1	TIME;1	

Frame Summary		File: PERFO_017LUP	Sequence: 2			
Origin: 126						
<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	2396.19	2286.46 m	-60.0 (0.1 in) up	9	TDEP	60B
	7861.50	7501.50 ft				
BOREHOLE-DEPTH	2396.19	2286.48 m	-10.0 (0.1 in) up	8	TDEP;1	10B
	7861.50	7501.58 ft				

File Header		File: PLUG_006PUP	Sequence: 3
Defining Origin: 33			
File ID: PLUG_006PUP File Type: PLAYBACK			
Producer Name: Schlumberger		Product/Version: OP 14C0-302	File Set: 41
		File Number: 8	16-MAR-2007 15:17:59
Company Name:	Esso Australia Pty Ltd.		
Well Name:	HLA A16a		
Field Name:	Halibut		
Tool String:	PLUG, PGGT-D		
Computations:	WELLCAD		

Error Summary		File: PLUG_006PUP	Sequence: 3
No errors detected in file.			

Well Site Data		File: PLUG_006PUP	Sequence: 3
Origin: 33			
Well Data			
Company Name	Esso Australia Pty Ltd.		CN
Well Name	HLA A16a		WN
Field Name	Halibut		FN
Rig:	453		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Bass Strait		FL
	Gippsland Basin		FL1
Longitude	148° 19' 13.283"E		LONG
Latitude	38° 24' 15.028"S		LATI
Maximum Hole Deviation	17.0 (deg)		MHD

Elevation of Kelly Bushing	29.5 (m)			EKB
Elevation of Ground Level	-72.5 (m)			EGL
Elevation of Derrick Floor	29.5 (m)			EDF
Permanent Datum	Mean Sea Level	Elevation of Permanent Datum	0.0 (m)	PDAT, EPD
Log Measured From	Drill Floor	Above Permanent Datum	29.5 (m)	LMF, APD
Drilling Measured From	Drill Floor			DMF

Absent Valued Parameters: CN1, CONT, FL2, SECT, TOWN, RANG, APIN, SON

Job Data

Date as Month-Day-Year	16-Mar-2007			DATE
Run Number	1			RUN
Total Depth - Driller	2536.0 (m)			TDD
Total Depth - Logger	2526.8 (m)			TDL
Bottom Log Interval	2410.0 (m)			BLI
Top Log Interval	2398.5 (m)			TLI
Current Casing Size	7.63 (in)			CSIZ
Casing Depth From	11.4 (m)			CDF
Casing Depth To	2535.3 (m)			CADT
Casing Grade	N-80			CASG
Casing Weight	26.4 (lbm/ft)			CWEI
Bit Size	8.50 (in)			BS
Bit Size Depth From	545.0 (m)			BSDF
Bit Size Depth To	2536.0 (m)			BSDT
Date Logger At Bottom	16-Mar-2007	Time Logger At Bottom	14:45	DLAB, TLAB
Logging Unit Number	93	Logging Unit Location	AUSL	LUN, LUL
Engineer's Name	Chris Rowand			ENGI
Witness's Name	Mr B. Bigby / Mr C.Stead			WITN

Absent Valued Parameters: SON

Mud Data

Drilling Fluid Type	Brine			DFT
Drilling Fluid Density	8.55 (lbm/gal)			DFD
Date Logger At Bottom	16-Mar-2007	Time Logger At Bottom	14:45	DLAB, TLAB

Absent Valued Parameters: DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT, MRT1, 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

Correlated to LWD Petrophysical Analysis provided by client	R1
Objective: run Junk Basket then perforate overbalanced the M-111 sand with	R2
4-1/2", 12 spf, Powerjet Omega HSD guns.	R3
Junk Basket tagged HUD @ 2526.8 M	R4
Perforated intervals:	R5
Run #1: 2398.5-2399.5, 2409-2410 M	R6
Operators = Kevin Kerr & Nathan Simmons (Days)	R16
Gary Martin & Graige Harris (Nights)	R17

Other Services

Junk Basket	OS1
6" Gauge Ring	OS2

Channels File: PLUG_006PUP Sequence: 3

Origin: 33

PLUG: PLUG

Spacing: -1.0 in	Number of Channels: 1
SCCL	

PGGT-D: Powered Gun Gamma Ray - D

Spacing: -6.0 in	Number of Channels: 2
GR RGR	
Spacing: -1.0 in	Number of Channels: 2
CCL RCCL	

System and Miscellaneous

Spacing: -6.0 in	Number of Channels: 7
BS CS CVEL ETIM TDEP TENS TIME	
Spacing: -1.0 in	Number of Channels: 5
IDWD SCD SCDV TDEP;1 TIME;1	

Frame Summary

File: PLUG_006PUP

Sequence: 3

Origin: 33

<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	2528.62	2286.46 m	-60.0 (0.1 in) up	9	TDEP	60B
	8296.00	7501.50 ft				
BOREHOLE-DEPTH	2528.62	2286.48 m	-10.0 (0.1 in) up	8	TDEP;1	10B
	8296.00	7501.58 ft				