

Input Source: D:\OP_Folder\Clients\ExxonMobil\HLA_A20a\PSPT\COMP_MPBT_COMP_060.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **CCL_043LUP** Sequence: **1**

Defining Origin: 99

File ID: CCL_043LUP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 14C0-302 File Set: 41 File Number: 41 24-MAY-2006 20:17:22
Company Name: Esso Australia Ltd.
Well Name: HLA-20a
Field Name: Halibut
Tool String: MPEX-EA_S, MPSU-CA, CCL-
Computations: WELLCAD

Error Summary File: **CCL_043LUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **CCL_043LUP** Sequence: **1**

Origin: 99

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	AUSL06148543	SON
Longitude	148 19' 07.62" E	LONG
Latitude	34 24' 20.36" S	LATI
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

Job Data

Date as Month-Day-Year	24-May-2006	DATE
Run Number	2 - 5	RUN
Total Depth - Driller	2715.0 (m)	TDD
Total Depth - Logger	2712.0 (m)	TDL
Bottom Log Interval	2685.0 (m)	BLI
Top Log Interval	2685.0 (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	AUSL06148543	SON
	Time Logger At Bottom 12:30	
	Logging Unit Location AUSL	

Mud Data

Mud Data

Drilling Fluid Type

Maximum Recorded Temperature

Date Logger At Bottom

Production Fluids

108.0 (degC)

108.0 (degC)

24-May-2006

Time Logger At Bottom

12:30

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 Solar Log provided by client.

Objective:

RIH with a Dummy Plug for depth determination and temperature.

HUD = m MDKB, Temp = degF

Set 4.5" MPBT Plug at 2685m MDKB.

CCL to Tool Bottom = 6.6m

CCL to Top of Seal = 6.8m

CCL Stop Depth = m MDKB

Complete two runs with Dump Bailer; first run with water and the second run with cement, giving approximately 1,5m of cement on top of plug.

Day crew: B. Glover and N. Simmons

Night crew: D. Stuckey and S. McGee

Performed by Schlumberger.

R1

R3

R4

R5

R6

R7

R8

R9

R10

R11

R15

R16

R17

Other Services

MWPT

OS1

Frame Summary						
File: CCL_043LUP		Sequence: 1				
Origin: 99						
<div>Index Type</div>	<div>Start</div>	<div>Stop</div>	<div>Spacing</div>	<div>Channels</div>	<div>Index Channel</div>	<div>Frame Name</div>
BOREHOLE-DEPTH	2689.10	2624.79 m	-60.0 (0.1 in) up	7	TDEP	60B
	8822.50	8611.50 ft				
BOREHOLE-DEPTH	2689.10	2624.66 m	-10.0 (0.1 in) up	7	TDEP,1	10B
	8822.50	8611.08 ft				

File Header

File: CCL_045LUP

Sequence: 2

Defining Origin: 99

File ID: CCL_045LUP

File Type: DEPTH LOG

Producer Name: Schlumberger

Product/Version: OP 14C0-302

File Set: 41

File Number: 43

24-MAY-2006 20:34:00

Company Name:

Esso Australia Ltd.

Well Name:

HLA-20a

Field Name:

Halibut

Tool String:

MPEX-EA_S, MPSU-CA, CCL-

Computations:

WELLCAD

Error Summary

File: CCL_045LUP

Sequence: 2

No errors detected in file.

Well Site Data

File: CCL_045LUP

Sequence: 2

Origin: 99

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	AUSL06148543	SON
Longitude	148 19' 07.62" E	LONG
Latitude	34 24' 20.36" S	LATI
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

Job Data

Date as Month-Day-Year	24-May-2006	DATE
Run Number	2 - 5	RUN
Total Depth - Driller	2715.0 (m)	TDD
Total Depth - Logger	2712.0 (m)	TDL
Bottom Log Interval	2685.0 (m)	BLI
Top Log Interval	2685.0 (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	AUSL06148543	SON
	Time Logger At Bottom 12:30	
	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 12:30	

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
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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
RIH with a Dummy Plug for depth determination and temperature.	R4
HUD = m MDKB, Temp = degF	R5
Set 4.5" MPBT Plug at 2685m MDKB.	R6
CCL to Tool Bottom = 6.6m	R7
CCL to Top of Seal = 6.8m	R8
CCL Stop Depth = m MDKB	R9
Complete two runs with Dump Bailer; first run with water and the second	R10
run with cement, giving approximately 1.5m of cement on top of plug.	R11
Day crew: B. Glover and N. Simmons	R15
Night crew: D. Stuckey and S. McGee	R16
Performed by Schlumberger.	R17

Other Services

MWPT	OS1
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Origin: 99

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	12192.00	11940.54 m	-60.0 (0.1 in) up	7	TDEP	60B
	40000.00	39175.00 ft				
BOREHOLE-DEPTH	12192.00	11940.57 m	-10.0 (0.1 in) up	4	TDEP;1	10B
	40000.00	39175.08 ft				

File Header File: PERFO_010LUP Sequence: 3

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: 3

No errors detected in file.

Well Site Data File: PERFO_010LUP 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	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
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	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
Absent Valued Parameters: TDL, TLAB				
Mud Data				
Drilling Fluid Type	Production Fluids			DFT
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: 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>
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_050LUP		Sequence: 4	
Defining Origin: 41					
File ID: PERFO_050LUP		File Type: DEPTH LOG			
Producer Name: Schlumberger		Product/Version: OP 14C0-302		File Set: 41	File Number: 48
		25-MAY-2006 0:51:37			
Tool String:		SHM_GUN, CCL-L			
Computations:		WELLCAD			

Error Summary		
File: PERFO_050LUP		Sequence: 4
No errors detected in file.		

Well Site Data		File: PERFO_050LUP	Sequence: 4
Origin: 41			
Well Data			
Permanent Datum	GROUND LEVEL		PDAT
Absent Valued Parameters: CN, CN1, WN, FN, COUN, STAT, NATI, CONT, FL, FL1, FL2, SECT, TOWN, RANG, APIN, SON, LONG, LATI, MHD, EKB, EGL, EDF, EPD, LMF, APD, DMF			

Job Data

Run Number

Current Casing Size

Casing Weight

Bit Size

1

0.0 (in)

0.0 (lbm/ft)

8.00 (in)

RUN

CSIZ

CWEI

BS

Absent Valued Parameters: DATE, TDD, TDL, BLI, TLI, CDF, CADT, CASG, BSDF, BSDT, DLAB, TLAB, LUN, LUL, ENGI, WITN, SON

Mud Data

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

Frame Summary

File: PERFO_050LUP

Sequence: 4

Origin: 41

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2673.86	2617.62 m	-60.0 (0.1 in) up	7	TDEP	60B
	8772.50	8588.00 ft				
BOREHOLE-DEPTH	2673.86	2617.65 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	8772.50	8588.08 ft				

File Header

File: PERFO_054LUP

Sequence: 5

Defining Origin: 41

File ID: PERFO_054LUP

File Type: DEPTH LOG

Producer Name: Schlumberger

Product/Version: OP 14C0-302

File Set: 41

File Number: 52

25-MAY-2006 5:13:52

Tool String: SHM_GUN, CCL-L

Computations: WELLCAD

Error Summary

File: PERFO_054LUP

Sequence: 5

No errors detected in file.

Well Site Data

File: PERFO_054LUP

Sequence: 5

Origin: 41

Well Data

Permanent Datum

GROUND LEVEL

PDAT

Absent Valued Parameters: CN, CN1, WN, FN, COUN, STAT, NATI, CONT, FL, FL1, FL2, SECT, TOWN, RANG, APIN, SON, LONG, LATI, MHD, EKB, EGL, EDF, EPD, LMF, APD, DMF

Job Data

Run Number

Current Casing Size

Casing Weight

Bit Size

1

0.0 (in)

0.0 (lbm/ft)

8.00 (in)

RUN

CSIZ

CWEI

BS

Absent Valued Parameters: DATE, TDD, TDL, BLI, TLI, CDF, CADT, CASG, BSDF, BSDT, DLAB, TLAB, LUN, LUL, ENGI, WITN, SON

Mud Data

Absent Valued Parameters: DFT, DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT, MRT1, MRT2, MRT3, DCS, TCS, DLAB, TLAB

PVT Data

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

Cement Data

Cement Job Type

Primary

CJT

Cement Job Type	Primary	CST
Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA		
Remarks		
Hang up depth = 2685m MDKB		R5
Dumping depth = 2684.5m MDKB		R6
CCL to Bottom = 13m		R7
CCL Stop Depth = 2671.5m MDKB		R8

Frame Summary

File: PERFO_054LUP

Sequence: 5

Origin: 41

<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	2674.32	2608.94 m	-60.0 (0.1 in) up	7	TDEP	60B
	8774.00	8559.50 ft				
BOREHOLE-DEPTH	2674.32	2608.96 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	8774.00	8559.58 ft				