

Input Source: D:\OP_Folder\Clients\Eso2008\HLA_A-3a\ESSO Data Files\COMP_HLA_A3A_COMP_053.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **PERFO_020LUP** Sequence: **1**

Defining Origin: 46

File ID: PERFO_020LUP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 15C0-309 File Set: 41 File Number: 19 17-JAN-2008 8:52:45
Company Name: Esso Australia Pty Ltd.
Well Name: A-3A
Field Name: Halibut
Tool String: MWP_GUN, MWPT-CA, MWGT-AA
Computations: WELLCAD, BORDYN

Error Summary File: **PERFO_020LUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **PERFO_020LUP** Sequence: **1**

Origin: 46

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-3A	WN
Field Name	Halibut	FN
Rig:	Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AUSL 08589242	SON
Longitude	148°19' 07.62"E	LONG
Latitude	38°24' 20.36"S	LATI
Maximum Hole Deviation	54.0 (deg)	MHD
Elevation of Kelly Bushing	29.5 (m)	EKB
Elevation of Ground Level	-73.0 (m)	EGL
Elevation of Derrick Floor	29.5 (m)	EDF
Permanent Datum	M.S.L	PDAT, EPD
Log Measured From	K.B	LMF, APD
Drilling Measured From	K.B	DMF

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

Job Data

Date as Month-Day-Year	17-Jan-2008	DATE
Run Number	1 through 5	RUN
Total Depth - Driller	3005.0 (m)	TDD
Total Depth - Logger	3005.0 (m)	TDL
Bottom Log Interval	3020.0 (m)	BLI
Top Log Interval	2965.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	2050.1 (m)	CDF
Casing Depth To	3104.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	12.6 (lbm/ft)	CWEI
Bit Size	6.00 (in)	BS
Date Logger At Bottom	17-Jan-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert, R Sani	ENGI
Witness's Name	G Rimmer	WITN
Service Order Number	AUSL 08589242	SON

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type

Maximum Recorded Temperature

Date Logger At Bottom

Production Fluids

109.4 (degC)

109.4 (degC)

17-Jan-2008

Time Logger At Bottom

8:25

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 Composite supplied with program.

Maximum well deviation = 54 deg at 3097m MDKB.

Objective: Set 4.5" posiset with top of seal @ 3014m MDKB then dump Approx 1m Cement on top .

Perforate the Zone 2970m – 2973m MDKB using a 3m 2 1/8" phased powerjet gun .

4.5" Posiset Plug @ 3014m MDKB

Top of seal @ m MDKB

CCL to Top of Seal = 6.8 m

CCL Stop Depth = m MDKB

Gun#1

Top Shot @ 2970m MDKB

CCL to Top Shot = 3.4 m

CCL Stop Depth : 2966.6 m MDKB

Dummy Plug – CCL to Bottom of tool = m

Schlumberger Crew: J Light, P Lawrence

R1

R2

R3

R4

R5

R6

R7

R8

R9

R10

R11

R12

R13

R16

R17

Other Services

None.

OS1

Frame Summary File: PERFO_020LUP Sequence: 1						
Origin: 46						
<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	2988.11	2937.36 m	-60.0 (0.1 in) up	22	TDEP	60B
	9803.50	9637.00 ft				
BOREHOLE-DEPTH	2988.11	2937.38 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	9803.50	9637.08 ft				

File Header

File: PERFO_021LUP

Sequence: 2

Defining Origin: 46

File ID: PERFO_021LUP File Type: DEPTH LOG

Producer Name: Schlumberger Product/Version: OP 15C0-309 File Set: 41 File Number: 20 17-JAN-2008 9:03:00

Company Name: Esso Australia Pty Ltd.

Well Name: A-3A

Field Name: Halibut

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

Computations: WELLCAD, BORDYN

Error Summary

File: PERFO_021LUP

Sequence: 2

No errors detected in file.

Well Site Data

File: PERFO_021LUP

Sequence: 2

Origin: 46

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-3A	WN
Field Name	Halibut	FN
Rig:	Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AUSL 08589242	SON
Longitude	148°19' 07.62"E	LONG
Latitude	38°24' 20.36"S	LATI
Maximum Hole Deviation	54.0 (deg)	MHD
Elevation of Kelly Bushing	29.5 (m)	EKB
Elevation of Ground Level	-73.0 (m)	EGL
Elevation of Derrick Floor	29.5 (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 29.5 (m)	

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

Job Data

Date as Month-Day-Year	17-Jan-2008	DATE
Run Number	1 through 5	RUN
Total Depth - Driller	3005.0 (m)	TDD
Total Depth - Logger	3005.0 (m)	TDL
Bottom Log Interval	3020.0 (m)	BLI
Top Log Interval	2965.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	2050.1 (m)	CDF
Casing Depth To	3104.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	12.6 (lbm/ft)	CWEI
Bit Size	6.00 (in)	BS
Date Logger At Bottom	17-Jan-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert, R Sani	ENGI
Witness's Name	G Rimmer	WITN
Service Order Number	AUSL 08589242	SON
	Time Logger At Bottom 8:25	
	Logging Unit Location Prod 4 / AUSL	

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	109.4 (degC)	MRT
	109.4 (degC)	MRT1
Date Logger At Bottom	17-Jan-2008	DLAB, TLAB
	Time Logger At Bottom 8:25	

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 ExxonMobil Composite supplied with program.	R1
Maximum well deviation = 54 deg at 3097m MDKB.	R2
Objective: Set 4.5" posiset with top of seal @ 3014m MDKB then dump Approx 1m Cement on top .	R3
Perforate the Zone 2970m - 2973m MDKB using a 3m 2 1/8" phased powerjet gun .	R4
4.5" Posiset Plug @ 3014m MDKB	R5
Top of seal @ m MDKB	R6
CCL to Top of Seal = 6.8 m	R7
CCL Stop Depth = m MDKB	R8
Gun#1	R9
Top Shot @ 2970m MDKB	R10
CCL to Top Shot = 3.4 m	R11
CCL Stop Depth : 2966.6 m MDKB	R12
Dummy Plug - CCL to Bottom of tool = m	R13
.	R16
Schlumberger Crew: J Light, P Lawrence	R17

Other Services

None.	OS1
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Frame Summary		File: PERFO_021LUP	Sequence: 2			
Origin: 46						
<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	2990.09	2947.26 m	-60.0 (0.1 in) up	22	TDEP	60B
	9810.00	9669.50 ft				
BOREHOLE-DEPTH	2990.09	2947.29 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	9810.00	9669.58 ft				

File Header		File: PERFO_022LTP	Sequence: 3		
Defining Origin: 46					
File ID: PERFO_022LTP File Type: STATION					
Producer Name: Schlumberger		Product/Version: OP 15C0-309	File Set: 41	File Number: 21	17-JAN-2008 9:06:25
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A-3A				
Field Name:	Halibut				
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA				
Computations:	WELLCAD, BORDYN				

Error Summary	File: PERFO_022LTP	Sequence: 3
No errors detected in file.		

Well Site Data		File: PERFO_022LTP	Sequence: 3
Origin: 46			
Well Data			
Company Name	Esso Australia Pty Ltd.		CN
Well Name	A-3A		WN
Field Name	Halibut		FN
Rig:	Crane		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Service Order Number	AUSL 08589242		SON
Longitude	148*19' 07.62"E		LONG
Latitude	38*24' 20.36"S		LATI
Maximum Hole Deviation	54.0 (deg)		MHD
Elevation of Kelly Bushing	29.5 (m)		EKB
Elevation of Ground Level	-73.0 (m)		EGL
Elevation of Derrick Floor	29.5 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	K.B	Above Permanent Datum 29.5 (m)	LMF, APD
Drilling Measured From	K.B		DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN			
Job Data			
Date as Month-Day-Year	17-Jan-2008		DATE
Run Number	1 through 5		RUN
Total Depth - Driller	3005.0 (m)		TDD
Total Depth - Logger	3005.0 (m)		TDL
Bottom Log Interval	3020.0 (m)		BLI
Top Log Interval	2965.0 (m)		TLI
Current Casing Size	4.50 (in)		CSIZ
Casing Depth From	2050.1 (m)		CDF
Casing Depth To	3104.0 (m)		CADT
Casing Grade	L-80		CASG
Casing Weight	12.6 (lbm/ft)		CWEI
Bit Size	6.00 (in)		BS

Date Logger At Bottom	17-Jan-2008	Time Logger At Bottom	8:25	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	Prod 4 / AUSL	LUN, LUL
Engineer's Name	S Gilbert, R Sani			ENGI
Witness's Name	G Rimmer			WITN
Service Order Number	AUSL 08589242			SON
Absent Valued Parameters: BSDF, BSDT				
Mud Data				
Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	109.4 (degC)			MRT
	109.4 (degC)			MRT1
Date Logger At Bottom	17-Jan-2008	Time Logger At Bottom	8:25	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 Composite supplied with program.				R1
Maximum well deviation = 54 deg at 3097m MDKB.				R2
Objective: Set 4.5" posiset with top of seal @ 3014m MDKB then dump Approx 1m Cement on top .				R3
Perforate the Zone 2970m – 2973m MDKB using a 3m 2 1/8" phased powerjet gun .				R4
4.5" Posiset Plug @ 3014m MDKB				R5
Top of seal @ m MDKB				R6
CCL to Top of Seal = 6.8 m				R7
CCL Stop Depth = m MDKB				R8
Gun#1				R9
Top Shot @ 2970m MDKB				R10
CCL to Top Shot = 3.4 m				R11
CCL Stop Depth : 2966.6 m MDKB				R12
Dummy Plug – CCL to Bottom of tool = m				R13
.				R16
Schlumberger Crew: J Light, P Lawrence				R17
Other Services				
None.				OS1

Frame Summary

File: PERFO_022LTP

Sequence: 3

Origin: 46						
<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	2860.96	4853.96 s	2000.0 (0.5 ms)	7	TIME;2	2000T
TIME	2860.96	4854.46 s	1000.0 (0.5 ms)	14	TIME;4	1000T
TIME	2860.96	4854.71 s	500.0 (0.5 ms)	4	TIME;5	500T

File Header

File: PERFO_029PUP

Sequence: 4

Defining Origin: 1				
File ID: PERFO_029PUP File Type: PLAYBACK				
Producer Name: Schlumberger		Product/Version: OP 15C0-309	File Set: 41	File Number: 28
17-JAN-2008 13:44:10				
Company Name:	Esso Australia Pty Ltd.			
Well Name:	A-3A			
Field Name:	Halibut			
Tool String:	MWPT-CA, MWGT-AA			
Computations:	WELLCAD, BORDYN			

Error Summary

File: PERFO_029PUP

Sequence: 4

No errors detected in file.

Well Site Data

File: PERFO_029PUP

Sequence: 4

Origin: 1	
Well Data	
Company Name	Esso Australia Pty Ltd.
Well Name	A-3A
Field Name	Halibut
Tool String	MWPT-CA, MWGT-AA
Computations	WELLCAD, BORDYN
Well Site Location	CN

Well Name	A-3A	WN
Field Name	Halibut	FN
Rig:	Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AUSL 08589242	SON
Longitude	148°19' 07.62"E	LONG
Latitude	38°24' 20.36"S	LATI
Maximum Hole Deviation	54.0 (deg)	MHD
Elevation of Kelly Bushing	29.5 (m)	EKB
Elevation of Ground Level	-73.0 (m)	EGL
Elevation of Derrick Floor	29.5 (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	29.5 (m)

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

Job Data

Date as Month–Day–Year	17–Jan–2008	DATE
Run Number	1 though 5	RUN
Total Depth – Driller	3005.0 (m)	TDD
Total Depth – Logger	3005.0 (m)	TDL
Bottom Log Interval	3020.0 (m)	BLI
Top Log Interval	2965.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	2050.1 (m)	CDF
Casing Depth To	3104.0 (m)	CADT
Casing Grade	L–80	CASG
Casing Weight	12.6 (lbm/ft)	CWEI
Bit Size	6.00 (in)	BS
Date Logger At Bottom	17–Jan–2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert, R Sani	ENGI
Witness's Name	G Rimmer	WITN
Service Order Number	AUSL 08589242	SON
	Time Logger At Bottom	8:25
	Logging Unit Location	Prod 4 / AUSL

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	108.3 (degC)	MRT
	108.3 (degC)	MRT1
Date Logger At Bottom	17–Jan–2008	DLAB, TLAB
	Time Logger At Bottom	8:25

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 ExxonMobil Composite supplied with program.	R1
Maximum well deviation = 54 deg at 3097m MDKB.	R2
Objective: Set 4.5" posiset with top of seal @ 3014m MDKB then dump Approx 1m Cement on top .	R3
Perforate the Zone 2970m – 2973m MDKB using a 3m 2 1/8" phased powerjet gun .	R4
4.5" Posiset Plug @ 3014m MDKB	R5
Top of seal @ m MDKB	R6
CCL to Top of Seal = 6.8 m	R7
CCL Stop Depth = m MDKB	R8
Gun#1	R9
Top Shot @ 2970m MDKB	R10
CCL to Top Shot = 3.4 m	R11
CCL Stop Depth : 2966.6 m MDKB	R12
Dummy Plug – CCL to Bottom of tool = 3.05 m	R13
.	R16
Schlumberger Crew: J Light, P Lawrence	R17

Other Services

None.	OS1
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Origin: 1

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	3010.51 9877.00	1992.17 m 6536.00 ft	-60.0 (0.1 in) up	22	TDEP	60B
BOREHOLE-DEPTH	3010.51 9877.00	1992.35 m 6536.58 ft	-10.0 (0.1 in) up	10	TDEP;1	10B

File Header

File: MPBT_039LUP Sequence: 5

Defining Origin: 71

File ID: MPBT_039LUP	File Type: DEPTH LOG				
Producer Name: Schlumberger	Product/Version: OP 15C0-309	File Set: 41	File Number: 38	17-JAN-2008 16:02:40	
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A-3A				
Field Name:	Halibut				
Tool String:	MPEX-BA, MPSU-CA, CCL-I				
Computations:	WELLCAD				

Error Summary

File: MPBT_039LUP Sequence: 5

No errors detected in file.

Well Site Data

File: MPBT_039LUP Sequence: 5

Origin: 71

Well Data

Company Name	Esso Australia Pty Ltd.		CN
Well Name	A-3A		WN
Field Name	Halibut		FN
Rig:	Crane		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Service Order Number	AUSL 08589242		SON
Longitude	148°19' 07.62"E		LONG
Latitude	38°24' 20.36"S		LATI
Maximum Hole Deviation	54.0 (deg)		MHD
Elevation of Kelly Bushing	29.5 (m)		EKB
Elevation of Ground Level	-73.0 (m)		EGL
Elevation of Derrick Floor	29.5 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	K.B	Above Permanent Datum 29.5 (m)	LMF, APD
Drilling Measured From	K.B		DMF

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

Job Data

Date as Month-Day-Year	17-Jan-2008	DATE
Run Number	1 though 5	RUN
Total Depth - Driller	3005.0 (m)	TDD
Total Depth - Logger	3005.0 (m)	TDL
Bottom Log Interval	3006.0 (m)	BLI
Top Log Interval	2965.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	2050.1 (m)	CDF
Casing Depth To	3104.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	12.6 (lbm/ft)	CWEI

Bit Size6.00 (in)

Date Logger At Bottom17-Jan-2008

Logging Unit Number889

Engineer's NameS Gilbert, R Sani

Witness's NameG Rimmer

Service Order NumberAUSL 08589242

Time Logger At Bottom8:25

Logging Unit LocationProd 4 / AUSL

BS

DLAB, TLAB

LUN, LUL

ENGI

WITN

SON

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type

Production Fluids

Maximum Recorded Temperature

108.3 (degC)

108.3 (degC)

Date Logger At Bottom

17-Jan-2008

Time Logger At Bottom

8:25

DLAB, TLAB

MRT

MRT1

DFT

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 Composite supplied with program.

Maximum well deviation = 54 deg at 3097m MDKB.

Objective: Set 4.5" posiset with top of seal @ 3014m MDKB then dump Approx 1m Cement on top .

Perforate the Zone 2970m – 2973m MDKB using a 3m 2 1/8" phased powerjet gun .

4.5" Posiset Plug @ 3014m MDKB

Top of seal @ m MDKB

CCL to Top of Seal = 6.8 m

CCL Stop Depth = m MDKB

Gun#1

Top Shot @ 2970m MDKB

CCL to Top Shot = 3.4 m

CCL Stop Depth : 2966.6 m MDKB

Dummy Plug – CCL to Bottom of tool = 3.05 m

.

Schlumberger Crew: J Light, P Lawrence

R1

R2

R3

R4

R5

R6

R7

R8

R9

R10

R11

R12

R13

R16

R17

Other Services

None.

OS1

Frame Summary File: MPBT_039LUP Sequence: 5						
Origin: 71						
<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	2981.40	2946.81 m	-60.0 (0.1 in) up	7	TDEP	60B
	9781.50	9668.00 ft				
BOREHOLE-DEPTH	2981.40	2946.83 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	9781.50	9668.08 ft				

File: MPBT_040LUP Sequence: 6

Defining Origin: 71

File ID: MPBT_040LUP File Type: DEPTH LOG

Producer Name: Schlumberger Product/Version: OP 15C0-309 File Set: 41 File Number: 39 17-JAN-2008 16:12:42

Company Name: Esso Australia Pty Ltd.

Well Name: A-3A

Field Name: Halibut

Tool String: MPEX-BA, MPSU-CA, CCL-I

Computations: WELLCAD

File: MPBT_040LUP Sequence: 6

Error Summary

No errors detected in file

Well Site DataFile: **MPBT_040LUP** Sequence: **6****Origin: 71****Well Data**

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-3A	WN
Field Name	Halibut	FN
Rig:	Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AUSL 08589242	SON
Longitude	148°19' 07.62"E	LONG
Latitude	38°24' 20.36"S	LATI
Maximum Hole Deviation	54.0 (deg)	MHD
Elevation of Kelly Bushing	29.5 (m)	EKB
Elevation of Ground Level	-73.0 (m)	EGL
Elevation of Derrick Floor	29.5 (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 29.5 (m)	

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

Job Data

Date as Month-Day-Year	17-Jan-2008	DATE
Run Number	1 through 5	RUN
Total Depth - Driller	3005.0 (m)	TDD
Total Depth - Logger	3005.0 (m)	TDL
Bottom Log Interval	3006.0 (m)	BLI
Top Log Interval	2965.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	2050.1 (m)	CDF
Casing Depth To	3104.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	12.6 (lbm/ft)	CWEI
Bit Size	6.00 (in)	BS
Date Logger At Bottom	17-Jan-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert, R Sani	ENGI
Witness's Name	G Rimmer	WITN
Service Order Number	AUSL 08589242	SON
	Time Logger At Bottom 8:25	
	Logging Unit Location Prod 4 / AUSL	

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	108.3 (degC)	MRT
	108.3 (degC)	MRT1
Date Logger At Bottom	17-Jan-2008	DLAB, TLAB
	Time Logger At Bottom 8:25	

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 ExxonMobil Composite supplied with program.	R1
Maximum well deviation = 54 deg at 3097m MDKB.	R2
Objective: Set 4.5" posiset with top of seal @ 3014m MDKB then dump Approx 1m Cement on top .	R3
Perforate the Zone 2970m - 2973m MDKB using a 3m 2 1/8" phased powerjet gun .	R4
4.5" Posiset Plug @ 3014m MDKB	R5
Top of seal @ m MDKB	R6
CCL to Top of Seal = 6.8 m	R7
CCL Stop Depth = m MDKB	R8
Gun#1	R9
Top Shot @ 2970m MDKB	R10
CCL to Top Shot = 3.4 m	R11
CCL Stop Depth : 2966.6 m MDKB	R12

Dummy Plug – CCL to Bottom of tool = 3.05 m	R13
Schlumberger Crew: J Light, P Lawrence	R16
Other Services	R17
None.	OS1

Frame Summary		File: MPBT_040LUP	Sequence: 6			
Origin: 71						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	12192.00	11919.97 m	-60.0 (0.1 in) up	7	TDEP	60B
	40000.00	39107.50 ft				
BOREHOLE-DEPTH	12192.00	11919.99 m	-10.0 (0.1 in) up	4	TDEP;1	10B
	40000.00	39107.58 ft				

File Header	File: MPBT_041LUP	Sequence: 7
Defining Origin: 71		
File ID: MPBT_041LUP	File Type: DEPTH LOG	
Producer Name: Schlumberger	Product/Version: OP 15C0-309	File Set: 41
		File Number: 40
		17-JAN-2008 16:31:43
Company Name:	Esso Australia Pty Ltd.	
Well Name:	A-3A	
Field Name:	Halibut	
Tool String:	MPEX-BA, MPSU-CA, CCL-I	
Computations:	WELLCAD	

Error Summary	File: MPBT_041LUP	Sequence: 7
No errors detected in file.		

Well Site Data	File: MPBT_041LUP	Sequence: 7
Origin: 71		
Well Data		
Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-3A	WN
Field Name	Halibut	FN
Rig:	Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AUSL 08589242	SON
Longitude	148°19' 07.62"E	LONG
Latitude	38°24' 20.36"S	LATI
Maximum Hole Deviation	54.0 (deg)	MHD
Elevation of Kelly Bushing	29.5 (m)	EKB
Elevation of Ground Level	-73.0 (m)	EGL
Elevation of Derrick Floor	29.5 (m)	EDF
Permanent Datum	M.S.L	PDAT, EPD
Log Measured From	K.B	LMF, APD
Drilling Measured From	K.B	DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN		
Job Data		
Date as Month-Day-Year	17-Jan-2008	DATE
Run Number	1 though 5	RUN
Total Depth – Driller	3005.0 (m)	TDD
Total Depth – Logger	3005.0 (m)	TDL
Bottom Log Interval	3006.0 (m)	BLI
Top Log Interval	2965.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	2050.1 (m)	CDF
Casing Depth To	3104.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	12.6 (lbm/ft)	CWEI
Bit Size	6.00 (in)	BS
Date Logger At Bottom	17-Jan-2008	DLAB, TLAB
Time Logger At Bottom	8:25	

Logging Unit Number889

Engineer's NameS Gilbert, R Sani

Witness's NameG Rimmer

Service Order NumberAUSL 08589242

Logging Unit LocationProd 4 / AUSL

LUN, LUL

ENGI

WITN

SON

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid TypeProduction Fluids

Maximum Recorded Temperature108.3 (degC)

108.3 (degC)

Date Logger At Bottom17-Jan-2008

Time Logger At Bottom8:25

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

DFT

MRT

MRT1

DLAB, TLAB

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

PVT Data

Cement Data

Cement Job TypePrimary

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

CJT

Remarks

Log correlated to ExxonMobil Composite supplied with program.

Maximum well deviation = 54 deg at 3097m MDKB.

Objective: Set 4.5" posiset with top of seal @ 3014m MDKB then dump Approx 1m Cement on top .

Perforate the Zone 2970m – 2973m MDKB using a 3m 2 1/8" phased powerjet gun .

4.5" Posiset Plug @ 3014m MDKB

Top of seal @ m MDKB

CCL to Top of Seal = 6.8 m

CCL Stop Depth = m MDKB

Gun#1

Top Shot @ 2970m MDKB

CCL to Top Shot = 3.4 m

CCL Stop Depth : 2966.6 m MDKB

Dummy Plug – CCL to Bottom of tool = 3.05 m

.

Schlumberger Crew: J Light, P Lawrence

R1

R2

R3

R4

R5

R6

R7

R8

R9

R10

R11

R12

R13

R16

R17

Other Services

None.

OS1

Frame Summary File: MPBT_041LUP Sequence: 7						
Origin: 71						
<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	2993.14	2940.10 m	-60.0 (0.1 in) up	7	TDEP	60B
	9820.00	9646.00 ft				
BOREHOLE-DEPTH	2993.14	2940.13 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	9820.00	9646.08 ft				

File Header

File: PERFO_045LUP Sequence: 8

Defining Origin: 8

File ID: PERFO_045LUP File Type: DEPTH LOG

Producer Name: Schlumberger Product/Version: OP 15C0-309 File Set: 41 File Number: 44 18-JAN-2008 10:44:29

Company Name: Esso Australia Pty Ltd.

Well Name: A-3A

Field Name: Halibut

Tool String: SHM_GUN, CCL-L

Computations: WELLCAD

Error Summary

File: PERFO_045LUP Sequence: 8

Origin: 8

Well Data

Company Name	Esso Australia Pty Ltd.		CN
Well Name	A-3A		WN
Field Name	Halibut		FN
Rig:	Crane		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Service Order Number	AUSL 08589242		SON
Longitude	148°19' 07.62"E		LONG
Latitude	38°24' 20.36"S		LATI
Maximum Hole Deviation	54.0 (deg)		MHD
Elevation of Kelly Bushing	29.5 (m)		EKB
Elevation of Ground Level	-73.0 (m)		EGL
Elevation of Derrick Floor	29.5 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	K.B	Above Permanent Datum 29.5 (m)	LMF, APD
Drilling Measured From	K.B		DMF

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

Job Data

Date as Month-Day-Year	17-Jan-2008		DATE
Run Number	1 though 5		RUN
Total Depth – Driller	3005.0 (m)		TDD
Total Depth – Logger	3005.0 (m)		TDL
Bottom Log Interval	3020.0 (m)		BLI
Top Log Interval	2965.0 (m)		TLI
Current Casing Size	4.50 (in)		CSIZ
Casing Depth From	2050.1 (m)		CDF
Casing Depth To	3104.0 (m)		CADT
Casing Grade	L-80		CASG
Casing Weight	12.6 (lbm/ft)		CWEI
Bit Size	6.00 (in)		BS
Date Logger At Bottom	17-Jan-2008	Time Logger At Bottom 8:25	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location Prod 4 / AUSL	LUN, LUL
Engineer's Name	S Gilbert, R Sani		ENGI
Witness's Name	G Rimmer		WITN
Service Order Number	AUSL 08589242		SON

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	108.3 (degC)		MRT
	108.3 (degC)		MRT1
Date Logger At Bottom	17-Jan-2008	Time Logger At Bottom 8:25	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
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Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA

Remarks

Log correlated to ExxonMobil Composite supplied with program.		R1
Maximum well deviation = 54 deg at 3097m MDKB.		R2
Objective: Set 4.5" posiset with top of seal @ 3000m MDKB then dump Approx 1m Cement on top .		R3
Perforate the Zone 2970m – 2973m MDKB using a 3m 2 1/8" phased powerjet gun .		R4
4.5" Posiset Plug @ 3014m MDKB		R5
Top of seal @ 3000 m MDKB		R6
CCL to Top of Seal = 6.8 m		R7
CCL Stop Depth = 2993.2 m MDKB		R8
Gun#1		R9
Top Shot @ 2970m MDKB		R10
CCL to Top Shot = 3.4 m		R11
CCL Stop Depth = 2993.2 m MDKB		R12

CCL Stop Depth : 2966.6 m MDKB	R12
Dummy Plug – CCL to Bottom of tool = 3.05 m	R13
CCL to Bottom of Bailer = 11m	R14
.	R16
Schlumberger Crew: J Light, P Lawrence	R17
Other Services	
None.	OS1

Frame Summary							File: PERFO_045LUP	Sequence: 8
Origin: 8								
<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	2992.98	2939.95 m	−60.0 (0.1 in) up	7	TDEP	60B		
	9819.50	9645.50 ft						
BOREHOLE-DEPTH	2992.98	2939.97 m	−10.0 (0.1 in) up	7	TDEP;1	10B		
	9819.50	9645.58 ft						

File Header	File: PERFO_051LUP	Sequence: 9
Defining Origin: 72		
File ID: PERFO_051LUP	File Type: DEPTH LOG	
Producer Name: Schlumberger	Product/Version: OP 15C0–309	File Set: 41
		File Number: 50
		19–JAN–2008 8:01:13
Company Name:	Esso Australia Pty Ltd.	
Well Name:	A–3A	
Field Name:	Halibut	
Tool String:	SHM_GUN, CCL–L	
Computations:	WELLCAD	

Error Summary	File: PERFO_051LUP	Sequence: 9
No errors detected in file.		

Well Site Data	File: PERFO_051LUP	Sequence: 9
Origin: 72		
Well Data		
Company Name	Esso Australia Pty Ltd.	CN
Well Name	A–3A	WN
Field Name	Halibut	FN
Rig:	Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AUSL 08589242	SON
Longitude	148°19' 07.62"E	LONG
Latitude	38°24' 20.36"S	LATI
Maximum Hole Deviation	54.0 (deg)	MHD
Elevation of Kelly Bushing	29.5 (m)	EKB
Elevation of Ground Level	–73.0 (m)	EGL
Elevation of Derrick Floor	29.5 (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 29.5 (m)	
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN		
Job Data		
Date as Month–Day–Year	17–Jan–2008	DATE
Run Number	1 through 5	RUN
Total Depth – Driller	3005.0 (m)	TDD
Total Depth – Logger	3005.0 (m)	TDL
Bottom Log Interval	3020.0 (m)	BLI

Top Log Interval	2965.0 (m)			TLI
Current Casing Size	4.50 (in)			CSIZ
Casing Depth From	2050.1 (m)			CDF
Casing Depth To	3104.0 (m)			CADT
Casing Grade	L-80			CASG
Casing Weight	12.6 (lbm/ft)			CWEI
Bit Size	6.00 (in)			BS
Date Logger At Bottom	17-Jan-2008	Time Logger At Bottom	8:25	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	Prod 4 / AUSL	LUN, LUL
Engineer's Name	S Gilbert, R Sani			ENGI
Witness's Name	G Rimmer			WITN
Service Order Number	AUSL 08589242			SON

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	108.3 (degC)			MRT
	108.3 (degC)			MRT1
Date Logger At Bottom	17-Jan-2008	Time Logger At Bottom	8:25	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
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Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA

Remarks

Log correlated to ExxonMobil Composite supplied with program.	R1
Maximum well deviation = 54 deg at 3097m MDKB.	R2
Objective: Set 4.5" posiset with top of seal @ 3000m MDKB then dump Approx 1m Cement on top .	R3
Perforate the Zone 2970m – 2973m MDKB using a 3m 2 1/8" phased powerjet gun .	R4
4.5" Posiset Plug @ 3000m MDKB	R5
Top of seal @ 3000 m MDKB	R6
CCL to Top of Seal = 6.8 m	R7
CCL Stop Depth = 2993.2 m MDKB	R8
Gun#1	R9
Top Shot @ 2970m MDKB	R10
CCL to Top Shot = 3.4 m	R11
CCL Stop Depth : 2966.6 m MDKB	R12
Dummy Plug – CCL to Bottom of tool = 3.05 m	R13
CCL to Bottom of Bailer = 11m	R14
.	R16
Schlumberger Crew: J Light, P Lawrence	R17

Other Services

None.	OS1
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Frame Summary File: PERFO_051LUP Sequence: 9

Origin: 72

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2992.07	2939.49 m	-60.0 (0.1 in) up	7	TDEP	60B
	9816.50	9644.00 ft				
BOREHOLE-DEPTH	2992.07	2939.52 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	9816.50	9644.08 ft				



Verification Listing

Listing Completed: 19-JAN-2008 8:18:22