

Input Source: D:\OP_Folder\Clients\Essso_2009\Marlin_A14\GUN\COMP_MLA_A14_COMP_074.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **PERFO_033LUP** Sequence: **1**

Defining Origin: 106

File ID: PERFO_033LUP File Type: DEPTH LOG

Producer Name: Schlumberger Product/Version: OP 16C0-147 File Set: 41 File Number: 32 4-FEB-2009 9:06:53

Company Name: Esso Australia Pty Ltd.
Well Name: A14
Field Name: Marlin
Tool String: MWP_GUN, MWPT-CA, MWGT-AA
Computations: WELLCAD, BORDYN

Error Summary File: **PERFO_033LUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **PERFO_033LUP** Sequence: **1**

Origin: 106

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A14	WN
Field Name	Marlin	FN
Rig:	Crane / Prod 4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AXWT-00098	SON
Longitude	148 13'09.18"E	LONG
Latitude	038 13'55.49"S	LATI
Maximum Hole Deviation	30.0 (deg)	MHD
Elevation of Kelly Bushing	27.4 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	27.4 (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	4-Feb-2009	DATE
Run Number	1 through 7	RUN
Total Depth - Driller	1628.0 (m)	TDD
Bottom Log Interval	1563.0 (m)	BLI
Top Log Interval	1521.0 (m)	TLI
Current Casing Size	9.63 (in)	CSIZ
Casing Depth From	12.5 (m)	CDF
Casing Depth To	1740.0 (m)	CADT
Casing Grade	N-80	CASG
Casing Weight	40.0 (lbm/ft)	CWEI
Bit Size	12.3 (in)	BS
Bit Size Depth From	57.0 (m)	BSDF
Bit Size Depth To	1749.2 (m)	BSDT
Date Logger At Bottom	4-Feb-2009	DLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S.Gilbert	ENGI
Witness's Name	B White	WITN
Service Order Number	AXWT-00098	SON

Absent Valued Parameters: TDL, TLAB

Mud Data			DFT
Drilling Fluid Type	Production fluids		MRT
Maximum Recorded Temperature	190.0 (degF)		MRT1
	190.0 (degF)		DLAB
Date Logger At Bottom	4-Feb-2009		
Absent Valued Parameters: DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, 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			R1
Objective: RIH with dummy toolstring to ensure access through minimum restrictions.			R2
Perforate the interval 1521m to 1531m MDKB using 2", 6spf, 60deg Phased Powerjet Omega HSD guns with MWPT.			R3
Set 9 5/8 posiset plug with top of Seal @ 1563m MDKB, then Dump approx 1.0m of Cement on top in 2 runs.			R4
Gun1: Before Gun SBHP- SBHT- After Gun SBHP- SBHT			R5
Gun2: Before Gun SBHP- SBHT- After Gun SBHP- SBHT-			R6
Gun 1: 1521m to 1526m MDKB Top Shot @1521m MDKB			R7
CCL to Top Shot = 3.6m CCL Stop Depth = 1517.4m MDKB			R8
Gun 2: 1526m to 1531m MDKB Top Shot @ 1526m MDKB			R9
CCL to Top Shot = CCL Stop Depth =			R10
Posiset PlugTop of Seal @			R11
CCL to Top of Seal = CCL Stop Depth =			R12
Schlumberger Crew:			R16
J.Light, N.Simmons.			R17
Other Services			
None			OS1

Frame Summary File: PERFO_033LUP Sequence: 1						
Origin: 106						
<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	1534.82	1497.33 m	-60.0 (0.1 in) up	22	TDEP	60B
	5035.50	4912.50 ft				
BOREHOLE-DEPTH	1534.82	1497.36 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	5035.50	4912.58 ft				

File Header File: PERFO_034LUP Sequence: 2				
Defining Origin: 106				
File ID: PERFO_034LUP File Type: DEPTH LOG				
Producer Name: Schlumberger		Product/Version: OP 16C0-147	File Set: 41	File Number: 33 4-FEB-2009 9:11:48
Company Name:	Esso Australia Pty Ltd.			
Well Name:	A14			
Field Name:	Marlin			
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA			
Computations:	WELLCAD, BORDYN			

Error Summary File: PERFO_034LUP Sequence: 2		
No errors detected in file.		

Well Site Data File: PERFO_034LUP Sequence: 2		
Origin: 106		

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A14	WN
Field Name	Marlin	FN
Rig:	Crane / Prod 4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AXWT-00098	SON
Longitude	148 13'09.18"E	LONG
Latitude	038 13'55.49"S	LATI
Maximum Hole Deviation	30.0 (deg)	MHD
Elevation of Kelly Bushing	27.4 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	27.4 (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 27.4 (m)	
	Above Permanent Datum -27.4 (m)	

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

Job Data

Date as Month-Day-Year	4-Feb-2009	DATE
Run Number	1 through 7	RUN
Total Depth - Driller	1628.0 (m)	TDD
Bottom Log Interval	1563.0 (m)	BLI
Top Log Interval	1521.0 (m)	TLI
Current Casing Size	9.63 (in)	CSIZ
Casing Depth From	12.5 (m)	CDF
Casing Depth To	1740.0 (m)	CADT
Casing Grade	N-80	CASG
Casing Weight	40.0 (lbm/ft)	CWEI
Bit Size	12.3 (in)	BS
Bit Size Depth From	57.0 (m)	BSDF
Bit Size Depth To	1749.2 (m)	BSDT
Date Logger At Bottom	4-Feb-2009	DLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S.Gilbert	ENGI
Witness's Name	B White	WITN
Service Order Number	AXWT-00098	SON
	Logging Unit Location AUSL	

Absent Valued Parameters: TDL, TLAB

Mud Data

Drilling Fluid Type	Production fluids	DFT
Maximum Recorded Temperature	190.0 (degF)	MRT
	190.0 (degF)	MRT1
Date Logger At Bottom	4-Feb-2009	DLAB

Absent Valued Parameters: DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, 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
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Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA

Remarks

Log correlated to	R1
Objective: RIH with dummy toolstring to ensure access through minimum restrictions.	R2
Perforate the interval 1521m to 1531m MDKB using 2", 6spf, 60deg Phased Powerjet Omega HSD guns with MWPT.	R3
Set 9 5/8 posiset plug with top of Seal @ 1563m MDKB, then Dump approx 1.0m of Cement on top in 2 runs.	R4
Gun1: Before Gun SBHP- SBHT- After Gun SBHP- SBHT	R5
Gun2: Before Gun SBHP- SBHT- After Gun SBHP- SBHT-	R6
Gun 1: 1521m to 1526m MDKB Top Shot @1521m MDKB	R7
CCL to Top Shot = 3.6m CCL Stop Depth = 1517.4m MDKB	R8
Gun 2: 1526m to 1531m MDKB Top Shot @ 1526m MDKB	R9
CCL to Top Shot = CCL Stop Depth =	R10
Posiset PlugTop of Seal @	R11
CCL to Top of Seal = CCL Stop Depth =	R12
Schlumberger Crew:	R16
J.Light, N.Simmons.	R17

Other Services

None	OS1
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Frame Summary		File: PERFO_034LUP		Sequence: 2		
Origin: 106						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	1532.53	1497.18 m	-60.0 (0.1 in) up	22	TDEP	60B
	5028.00	4912.00 ft				
BOREHOLE-DEPTH	1532.53	1497.20 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	5028.00	4912.08 ft				

File Header		File: PERFO_035LTP		Sequence: 3	
Defining Origin: 106					
File ID: PERFO_035LTP File Type: STATION					
Producer Name: Schlumberger		Product/Version: OP 16C0-147		File Set: 41	
				File Number: 34	
				4-FEB-2009 9:17:35	
Company Name:		Esso Australia Pty Ltd.			
Well Name:		A14			
Field Name:		Marlin			
Tool String:		MWP_GUN, MWPT-CA, MWGT-AA			
Computations:		WELLCAD, BORDYN			

File Header		File: PERFO_035LTP		Sequence: 3	
Defining Origin: 106					
File ID: PERFO_035LTP		File Type: STATION			
Producer Name: Schlumberger		Product/Version: OP 16C0-147		File Set: 41	File Number: 34
		4-FEB-2009 9:17:35			
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A14				
Field Name:	Marlin				
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA				
Computations:	WELLCAD, BORDYN				

Error Summary	File: PERFO_035LTP	Sequence: 3
No errors detected in file.		

Well Site Data		File: PERFO_035LTP	Sequence: 3
Origin: 106			
Well Data			
Company Name	Esso Australia Pty Ltd.		CN
Well Name	A14		WN
Field Name	Marlin		FN
Rig:	Crane / Prod 4		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Service Order Number	AXWT-00098		SON
Longitude	148 13'09.18"E		LONG
Latitude	038 13'55.49"S		LATI
Maximum Hole Deviation	30.0 (deg)		MHD
Elevation of Kelly Bushing	27.4 (m)		EKB
Elevation of Ground Level	-59.0 (m)		EGL
Elevation of Derrick Floor	27.4 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 27.4 (m)	PDAT, EPD
Log Measured From	K.B	Above Permanent Datum -27.4 (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	4-Feb-2009		DATE
Run Number	1 through 7		RUN
Total Depth - Driller	1628.0 (m)		TDD
Bottom Log Interval	1563.0 (m)		BLI
Top Log Interval	1521.0 (m)		TLI
Current Casing Size	9.63 (in)		CSIZ
Casing Depth From	12.5 (m)		CDF
Casing Depth To	1740.0 (m)		CADT
Casing Grade	N-80		CASG
Casing Weight	40.0 (lbm/ft)		CWEI
Bit Size	12.3 (in)		BS
Bit Size Depth From	57.0 (m)		BSDF

Bit Size Depth To	1749.2 (m)			BSDT
Date Logger At Bottom	4-Feb-2009			DLAB
Logging Unit Number	889	Logging Unit Location	AUSL	LUN, LUL
Engineer's Name	S.Gilbert			ENGI
Witness's Name	B White			WITN
Service Order Number	AXWT-00098			SON
Absent Valued Parameters: TDL, TLAB				
Mud Data				
Drilling Fluid Type	Production fluids			DFT
Maximum Recorded Temperature	190.0 (degF)			MRT
	190.0 (degF)			MRT1
Date Logger At Bottom	4-Feb-2009			DLAB
Absent Valued Parameters: DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, 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				R1
Objective: RIH with dummy toolstring to ensure access through minimum restrictions.				R2
Perforate the interval 1521m to 1531m MDKB using 2", 6spf, 60deg Phased Powerjet Omega HSD guns with MWPT.				R3
Set 9 5/8 posiset plug with top of Seal @ 1563m MDKB, then Dump approx 1.0m of Cement on top in 2 runs.				R4
Gun1: Before Gun SBHP- SBHT- After Gun SBHP- SBHT				R5
Gun2: Before Gun SBHP- SBHT- After Gun SBHP- SBHT-				R6
Gun 1: 1521m to 1526m MDKB Top Shot @1521m MDKB				R7
CCL to Top Shot = 3.6m CCL Stop Depth = 1517.4m MDKB				R8
Gun 2: 1526m to 1531m MDKB Top Shot @ 1526m MDKB				R9
CCL to Top Shot = CCL Stop Depth =				R10
Posiset PlugTop of Seal @				R11
CCL to Top of Seal = CCL Stop Depth =				R12
Schlumberger Crew:				R16
J.Light, N.Simmons.				R17
Other Services				
None				OS1

Frame Summary File: PERFO_035LTP Sequence: 3						
Origin: 106						
<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	1365.95	1737.95 s	2000.0 (0.5 ms)	7	TIME;2	2000T
TIME	1365.95	1737.95 s	1000.0 (0.5 ms)	14	TIME;4	1000T
TIME	1365.95	1737.95 s	500.0 (0.5 ms)	4	TIME;5	500T

File Header				File: PERFO_041LUP	Sequence: 4
Defining Origin: 43					
File ID: PERFO_041LUP File Type: DEPTH LOG					
Producer Name: Schlumberger		Product/Version: OP 16C0-147		File Set: 41	File Number: 40 4-FEB-2009 11:22:13
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A14				
Field Name:	Marlin				
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA				
Computations:	WELLCAD, BORDYN				

Error Summary	File: PERFO_041LUP	Sequence: 4
No errors detected in file.		

Well Site Data		File: PERFO_041LUP	Sequence: 4
Origin: 43			
Well Data			
Company Name	Esso Australia Pty Ltd.		
Well Name	A14		
Field Name	Marlin		
Tool String	MWP_GUN, MWPT-CA, MWGT-AA		
Computations	WELLCAD, BORDYN		

Well Name	A14		WN
Field Name	Marlin		FN
Rig:	Crane / Prod 4		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Service Order Number	AXWT-00098		SON
Longitude	148 13'09.18"E		LONG
Latitude	038 13'55.49"S		LATI
Maximum Hole Deviation	30.0 (deg)		MHD
Elevation of Kelly Bushing	27.4 (m)		EKB
Elevation of Ground Level	-59.0 (m)		EGL
Elevation of Derrick Floor	27.4 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 27.4 (m)	PDAT, EPD
Log Measured From	K.B	Above Permanent Datum -27.4 (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	4-Feb-2009		DATE
Run Number	1 through 7		RUN
Total Depth - Driller	1628.0 (m)		TDD
Bottom Log Interval	1563.0 (m)		BLI
Top Log Interval	1521.0 (m)		TLI
Current Casing Size	9.63 (in)		CSIZ
Casing Depth From	12.5 (m)		CDF
Casing Depth To	1740.0 (m)		CADT
Casing Grade	N-80		CASG
Casing Weight	40.0 (lbm/ft)		CWEI
Bit Size	12.3 (in)		BS
Bit Size Depth From	57.0 (m)		BSDF
Bit Size Depth To	1749.2 (m)		BSDT
Date Logger At Bottom	4-Feb-2009	Time Logger At Bottom 9:31	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location AUSL	LUN, LUL
Engineer's Name	S.Gilbert		ENGI
Witness's Name	B White		WITN
Service Order Number	AXWT-00098		SON

Absent Valued Parameters: TDL

Mud Data

Drilling Fluid Type	Production fluids		DFT
Maximum Recorded Temperature	190.0 (degF)		MRT
	190.0 (degF)		MRT1
Date Logger At Bottom	4-Feb-2009	Time Logger At Bottom 9:31	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		R1
Objective: RIH with dummy toolstring to ensure access through minimum restrictions.		R2
Perforate the interval 1521m to 1531m MDKB using 2", 6spf, 60deg Phased Powerjet Omega HSD guns with MWPT.		R3
Set 9 5/8 posiset plug with top of Seal @ 1563m MDKB, then Dump approx 1.0m of Cement on top in 2 runs.		R4
Gun1: Before Gun SBHP- 1957.6 psia SBHT- 174.6 degf / After Gun SBHP- 1957.9 psia SBHT-179.4 deg		R5
Gun2: Before Gun SBHP- SBHT- After Gun SBHP- SBHT-		R6
Gun 1: 1521m to 1526m MDKB Top Shot @1521m MDKB		R7
CCL to Top Shot = 3.6m CCL Stop Depth = 1517.4m MDKB		R8
Gun 2: 1526m to 1531m MDKB Top Shot @ 1526m MDKB		R9
CCL to Top Shot = 3.6m CCL Stop Depth = 1522.4m MDKB		R10
Posiset PlugTop of Seal @		R11
CCL to Top of Seal = CCL Stop Depth =		R12
Schlumberger Crew:		R16
J.Light, N.Simmons.		R17

Other Services

None		OS1
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Origin: 43

<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	1535.58 5038.00	1497.33 m 4912.50 ft	-60.0 (0.1 in) up	22	TDEP	60B
BOREHOLE-DEPTH	1535.58 5038.00	1497.36 m 4912.58 ft	-10.0 (0.1 in) up	10	TDEP;1	10B

File Header

File: PERFO_043LTP Sequence: 5

Defining Origin: 43

File ID: PERFO_043LTP	File Type: STATION				
Producer Name: Schlumberger	Product/Version: OP 16C0-147	File Set: 41	File Number: 42	4-FEB-2009 11:32:56	
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A14				
Field Name:	Marlin				
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA				
Computations:	WELLCAD, BORDYN				

Error Summary

File: PERFO_043LTP Sequence: 5

No errors detected in file.

Well Site Data

File: PERFO_043LTP Sequence: 5

Origin: 43

Well Data

Company Name	Esso Australia Pty Ltd.		CN
Well Name	A14		WN
Field Name	Marlin		FN
Rig:	Crane / Prod 4		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Service Order Number	AXWT-00098		SON
Longitude	148 13'09.18"E		LONG
Latitude	038 13'55.49"S		LATI
Maximum Hole Deviation	30.0 (deg)		MHD
Elevation of Kelly Bushing	27.4 (m)		EKB
Elevation of Ground Level	-59.0 (m)		EGL
Elevation of Derrick Floor	27.4 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 27.4 (m)	PDAT, EPD
Log Measured From	K.B	Above Permanent Datum -27.4 (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	4-Feb-2009	DATE
Run Number	1 through 7	RUN
Total Depth - Driller	1628.0 (m)	TDD
Bottom Log Interval	1563.0 (m)	BLI
Top Log Interval	1521.0 (m)	TLI
Current Casing Size	9.63 (in)	CSIZ
Casing Depth From	12.5 (m)	CDF
Casing Depth To	1740.0 (m)	CADT
Casing Grade	N-80	CASG
Casing Weight	40.0 (lbm/ft)	CWEI
Bit Size	12.3 (in)	BS

Bit Size Depth From	57.0 (m)			BSD	BSD
Bit Size Depth To	1749.2 (m)			DLAB, TLAB	LUN, LUL
Date Logger At Bottom	4-Feb-2009	Time Logger At Bottom	9:31	ENGI	WITN
Logging Unit Number	889	Logging Unit Location	AUSL	SON	
Engineer's Name	S.Gilbert				
Witness's Name	B White				
Service Order Number	AXWT-00098				
Absent Valued Parameters: TDL					
Mud Data					
Drilling Fluid Type	Production fluids			DFT	
Maximum Recorded Temperature	190.0 (degF)			MRT	
	190.0 (degF)			MRT1	
Date Logger At Bottom	4-Feb-2009	Time Logger At Bottom	9:31	DLAB, TLAB	
Absent Valued Parameters: DFD, DFV, DFL, DFP, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT2, MRT3, DCS, TCS					
PVT Data					
Absent Valued Parameters: ODN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR					
Cement Data					
Cement Job Type	Primary			CJT	
Absent Valued Parameters: CTO, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA					
Remarks					
Log correlated to				R1	
Objective: RIH with dummy toolstring to ensure access through minimum restrictions.				R2	
Perforate the interval 1521m to 1531m MDKB using 2", 6spf, 60deg Phased Powerjet Omega HSD guns with MWPT.				R3	
Set 9 5/8 posiset plug with top of Seal @ 1563m MDKB, then Dump approx 1.0m of Cement on top in 2 runs.				R4	
Gun1: Before Gun SBHP- 1957.6 psia SBHT- 174.6 degf / After Gun SBHP- 1957.9 psia SBHT-179.4 deg				R5	
Gun2: Before Gun SBHP- SBHT- After Gun SBHP- SBHT-				R6	
Gun 1: 1521m to 1526m MDKB Top Shot @1521m MDKB				R7	
CCL to Top Shot = 3.6m CCL Stop Depth = 1517.4m MDKB				R8	
Gun 2: 1526m to 1531m MDKB Top Shot @ 1526m MDKB				R9	
CCL to Top Shot = 3.6m CCL Stop Depth = 1522.4m MDKB				R10	
Posiset PlugTop of Seal @				R11	
CCL to Top of Seal = CCL Stop Depth =				R12	
Schlumberger Crew:				R16	
J.Light, N.Simmons.				R17	
Other Services					
None				OS1	

Frame Summary						
File: PERFO_043LTP Sequence: 5						
Origin: 43						
<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	1245.38	1626.38 s	2000.0 (0.5 ms)	7	TIME;2	2000T
TIME	1245.38	1626.38 s	1000.0 (0.5 ms)	14	TIME;4	1000T
TIME	1245.38	1626.38 s	500.0 (0.5 ms)	4	TIME;5	500T

File Header						
File: PERFO_044LUP Sequence: 6						
Defining Origin: 113						
File ID: PERFO_044LUP File Type: DEPTH LOG						
Producer Name: Schlumberger		Product/Version: OP 16C0-147		File Set: 41	File Number: 43	4-FEB-2009 11:50:51
Company Name:	Esso Australia Pty Ltd.					
Well Name:	A14					
Field Name:	Marlin					
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA					
Computations:	WELLCAD, BORDYN					

Error Summary File: PERFO_044LUP Sequence: 6		
No errors detected in file		

Well Site DataFile: **PERFO_044LUP** Sequence: **6****Origin: 113****Well Data**

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A14	WN
Field Name	Marlin	FN
Rig:	Crane / Prod 4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AXWT-00098	SON
Longitude	148 13'09.18"E	LONG
Latitude	038 13'55.49"S	LATI
Maximum Hole Deviation	30.0 (deg)	MHD
Elevation of Kelly Bushing	27.4 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	27.4 (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 27.4 (m)	
	Above Permanent Datum -27.4 (m)	

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

Job Data

Date as Month-Day-Year	4-Feb-2009	DATE
Run Number	1 through 7	RUN
Total Depth - Driller	1628.0 (m)	TDD
Bottom Log Interval	1563.0 (m)	BLI
Top Log Interval	1521.0 (m)	TLI
Current Casing Size	9.63 (in)	CSIZ
Casing Depth From	12.5 (m)	CDF
Casing Depth To	1740.0 (m)	CADT
Casing Grade	N-80	CASG
Casing Weight	40.0 (lbm/ft)	CWEI
Bit Size	12.3 (in)	BS
Bit Size Depth From	57.0 (m)	BSDF
Bit Size Depth To	1749.2 (m)	BSDT
Date Logger At Bottom	4-Feb-2009	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S.Gilbert	ENGI
Witness's Name	B White	WITN
Service Order Number	AXWT-00098	SON
	Time Logger At Bottom 9:31	
	Logging Unit Location AUSL	

Absent Valued Parameters: TDL

Mud Data

Drilling Fluid Type	Production fluids	DFT
Maximum Recorded Temperature	190.0 (degF)	MRT
	190.0 (degF)	MRT1
Date Logger At Bottom	4-Feb-2009	DLAB, TLAB
	Time Logger At Bottom 9:31	

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	R1
Objective: RIH with dummy toolstring to ensure access through minimum restrictions.	R2
Perforate the interval 1521m to 1531m MDKB using 2", 6spf, 60deg Phased Powerjet Omega HSD guns with MWPT.	R3
Set 9 5/8 posiset plug with top of Seal @ 1563m MDKB, then Dump approx 1.0m of Cement on top in 2 runs.	R4
Gun1: Before Gun SBHP- 1957.6 psia SBHT- 174.6 degf / After Gun SBHP- 1957.9 psia SBHT-179.4 deg	R5
Gun2: Before Gun SBHP- SBHT- After Gun SBHP- SBHT-	R6
Gun 1: 1521m to 1526m MDKB Top Shot @1521m MDKB	R7
CCL to Top Shot = 3.6m CCL Stop Depth = 1517.4m MDKB	R8
Gun 2: 1526m to 1531m MDKB Top Shot @ 1526m MDKB	R9
CCL to Top Shot = CCL Stop Depth =	R10
Posiset PlugTop of Seal @	R11

CCL to Top of Seal =	CCL Stop Depth =	R12
Schlumberger Crew:		R16
J.Light, N.Simmons.		R17
Other Services		
None		OS1

Frame Summary	File: PERFO_044LUP	Sequence: 6
Origin: 113		
<div><div>Index Type</div><div>BOREHOLE-DEPTH</div><div>1531.16</div><div>5023.50</div><div>BOREHOLE-DEPTH</div><div>1531.16</div><div>5023.50</div></div> <div><div>Start</div><div>1531.16</div><div>5023.50</div><div>1531.16</div><div>5023.50</div></div> <div><div>Stop</div><div>1497.18 m</div><div>4912.00 ft</div><div>1497.20 m</div><div>4912.08 ft</div></div> <div><div>Spacing</div><div>-60.0 (0.1 in) up</div><div></div><div>-10.0 (0.1 in) up</div></div> <div><div>Channels</div><div>22</div><div></div><div>10</div></div> <div><div>Index Channel</div><div>TDEP</div><div></div><div>TDEP;1</div></div> <div><div>Frame Name</div><div>60B</div><div></div><div>10B</div></div>		

File Header	File: PERFO_052PUP	Sequence: 7
Defining Origin: 96		
File ID: PERFO_052PUP	File Type: PLAYBACK	
Producer Name: Schlumberger	Product/Version: OP 16C0-147	File Set: 41
		File Number: 51
		4-FEB-2009 15:04:04
Company Name:	Esso Australia Pty Ltd.	
Well Name:	A14	
Field Name:	Marlin	
Tool String:	MWPT-CA, MWGT-AA	
Computations:	WELLCAD, BORDYN	

Error Summary	File: PERFO_052PUP	Sequence: 7
No errors detected in file.		

Well Site Data	File: PERFO_052PUP	Sequence: 7
Origin: 96		
Well Data		
Company Name	Esso Australia Pty Ltd.	CN
Well Name	A14	WN
Field Name	Marlin	FN
Rig:	Crane / Prod 4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AXWT-00098	SON
Longitude	148 13'09.18"E	LONG
Latitude	038 13'55.49"S	LATI
Maximum Hole Deviation	30.0 (deg)	MHD
Elevation of Kelly Bushing	27.4 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	27.4 (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 27.4 (m)	
	Above Permanent Datum -27.4 (m)	
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN		
Job Data		
Date as Month-Day-Year	4-Feb-2009	DATE
Run Number	1 through 7	RUN
Total Depth - Driller	1628.0 (m)	TDD
Bottom Log Interval	1563.0 (m)	BLI
Top Log Interval	1521.0 (m)	TLI
Current Casing Size	9.63 (in)	CSIZ
Casing Depth From	12.5 (m)	CDF
Casing Depth To	1740.0 (m)	CADT
Casing Grade	N-80	CASG
Casing Weight	40.0 (lbm/ft)	CWEI
Bit Size	12.3 (in)	BS
Bit Size Depth From	57.0 (m)	BSDF
Bit Size Depth To	1749.2 (m)	BSDT

Date Logger At Bottom
Logging Unit Number
Engineer's Name
Witness's Name
Service Order Number

4-Feb-2009
889
S.Gilbert
B White
AXWT-00098

Time Logger At Bottom
Logging Unit Location

9:31
AUSL

DLAB, TLAB
LUN, LUL
ENGI
WITN
SON

Absent Valued Parameters: TDL

Mud Data

Drilling Fluid Type
Maximum Recorded Temperature

Production fluids
184.0 (degF)
184.0 (degF)

DFT
MRT
MRT1

Date Logger At Bottom

4-Feb-2009

Time Logger At Bottom

9:31

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
Objective: RIH with dummy toolstring to ensure access through minimum restrictions.
Perforate the interval 1521m to 1531m MDKB using 2", 6spf, 60deg Phased Powerjet Omega HSD guns with MWPT.
Set 9 5/8 posiset plug with top of Seal @ 1563m MDKB, then Dump approx 1.0m of Cement on top in 2 runs.
Gun1: Before Gun SBHP- 1957.6 psia SBHT- 174.6 degf / After Gun SBHP- 1957.9 psia SBHT-179.4 deg
Gun 1: 1521m to 1526m MDKB Top Shot @1521m MDKB
CCL to Top Shot = 3.6m CCL Stop Depth = 1517.4m MDKB
Gun2: Before Gun SBHP- 1958.1psia SBHT- 176psia / After Gun SBHP- 1958.15 psia SBHT- 183.71 deg
Gun 2: 1526m to 1531m MDKB Top Shot @ 1526m MDKB
CCL to Top Shot = 3.6m CCL Stop Depth = 1522.4m MDKB
Dummy Plug tool zero to Bottom of Dummy Plug = 4.15m
Posiset PlugTop of Seal @
Schlumberger Crew:
J.Light, N.Simmons.

R1
R2
R3
R4
R5
R6
R7
R8
R9
R10
R11
R12
R16
R17

Other Services

None

OS1

Frame Summary File: PERFO_052PUP Sequence: 7						
Origin: 96						
<div>Index Type</div> BOREHOLE-DEPTH	<div>Start</div> 1599.13 5246.50	<div>Stop</div> 1488.03 m 4882.00 ft	<div>Spacing</div> -60.0 (0.1 in) up	<div>Channels</div> 22	<div>Index Channel</div> TDEP	<div>Frame Name</div> 60B
<div>BOREHOLE-DEPTH</div>	<div>1599.13 5246.50</div>	<div>1488.21 m 4882.58 ft</div>	<div>-10.0 (0.1 in) up</div>	<div>10</div>	<div>TDEP;1</div>	<div>10B</div>

File Header

File: CCL_058LUP Sequence: 8

Defining Origin: 35

File ID: CCL_058LUP File Type: DEPTH LOG

Producer Name: Schlumberger Product/Version: OP 16C0-147 File Set: 41 File Number: 57 4-FEB-2009 16:46:11

Company Name:
Well Name:
Field Name:
Tool String:
Computations:

Esso Australia Pty Ltd.
A14
Marlin
MPEX-CA, MPSU-CA, CCL-PCC
WELLCAD

Error Summary

File: CCL_058LUP Sequence: 8

Well Site Data

File: CCL_058LUP Sequence: 8

Origin: 35

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A14	WN
Field Name	Marlin	FN
Rig:	Crane / Prod 4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AXWT-00098	SON
Longitude	148 13'09.18"E	LONG
Latitude	038 13'55.49"S	LATI
Maximum Hole Deviation	30.0 (deg)	MHD
Elevation of Kelly Bushing	27.4 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	27.4 (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 27.4 (m)	
	Above Permanent Datum -27.4 (m)	

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

Job Data

Date as Month-Day-Year	4-Feb-2009	DATE
Run Number	1 through 7	RUN
Total Depth - Driller	1628.0 (m)	TDD
Total Depth - Logger	1600.0 (m)	TDL
Bottom Log Interval	1563.0 (m)	BLI
Top Log Interval	1521.0 (m)	TLI
Current Casing Size	9.63 (in)	CSIZ
Casing Depth From	12.5 (m)	CDF
Casing Depth To	1740.0 (m)	CADT
Casing Grade	N-80	CASG
Casing Weight	40.0 (lbm/ft)	CWEI
Bit Size	12.3 (in)	BS
Bit Size Depth From	57.0 (m)	BSDF
Bit Size Depth To	1749.2 (m)	BSDT
Date Logger At Bottom	4-Feb-2009	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S.Gilbert	ENGI
Witness's Name	B White	WITN
Service Order Number	AXWT-00098	SON
	Time Logger At Bottom 9:31	
	Logging Unit Location AUSL	

Mud Data

Drilling Fluid Type	Production fluids	DFT
Maximum Recorded Temperature	184.0 (degF)	MRT
	184.0 (degF)	MRT1
Date Logger At Bottom	4-Feb-2009	DLAB, TLAB
	Time Logger At Bottom 9:31	

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	R1
Objective: RIH with dummy toolstring to ensure access through minimum restrictions.	R2
Perforate the interval 1521m to 1531m MDKB using 2", 6spf, 60deg Phased Powerjet Omega HSD guns with MWPT.	R3
Set 9 5/8 posiset plug with top of Seal @ 1563m MDKB, then Dump approx 1.0m of Cement on top in 2 runs.	R4
Gun#1: Before Gun SBHP- 1957.6 psia SBHT- 174.6 degf / After Gun SBHP- 1957.9 psia SBHT-179.4 degf	R5
Gun#1: 1521m to 1526m MDKB Top Shot @1521m MDKB	R6
CCL to Top Shot = 3.6m CCL Stop Depth = 1517.4m MDKB	R7
Gun#2: Before Gun SBHP- 1958.1psia SBHT- 176psia / After Gun SBHP- 1958.15 psia SBHT- 183.71 degf	R8
Gun@2: 1526m to 1531m MDKB Top Shot @ 1526m MDKB	R9
CCL to Top Shot = 3.6m CCL Stop Depth = 1522.4m MDKB	R10
Dummy Plug tool zero to Bottom of Dummy Plug = 4.15m	R11

HUD not tagged with dummy plug	R12
Posiset PlugTop of Seal @ 1563m	R13
CCL to Top of Seal = 6.95m CCL Stop Depth = 1556.05m MDKB	R14
CCL to Bottom of Dump Bailers = 12m	R15
Schlumberger Crew:	R16
J.Light, N.Simmons.	R17
Other Services	
None	OS1

Frame Summary		File: CCL_058LUP	Sequence: 8			
Origin: 35						
<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	1559.51	1518.67 m	-60.0 (0.1 in) up	7	TDEP	60B
	5116.50	4982.50 ft				
BOREHOLE-DEPTH	1559.51	1518.69 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	5116.50	4982.58 ft				

File Header	File: CCL_059LUP	Sequence: 9			
Defining Origin: 35					
File ID: CCL_059LUP File Type: DEPTH LOG					
Producer Name: Schlumberger		Product/Version: OP 16C0-147	File Set: 41	File Number: 58	4-FEB-2009 16:57:40
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A14				
Field Name:	Marlin				
Tool String:	MPEX-CA, MPSU-CA, CCL-PCC				
Computations:	WELLCAD				

Error Summary	File: CCL_059LUP	Sequence: 9
No errors detected in file.		

Well Site Data		File: CCL_059LUP	Sequence: 9
Origin: 35			
Well Data			
Company Name	Esso Australia Pty Ltd.		CN
Well Name	A14		WN
Field Name	Marlin		FN
Rig:	Crane / Prod 4		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Service Order Number	AXWT-00098		SON
Longitude	148 13'09.18"E		LONG
Latitude	038 13'55.49"S		LATI
Maximum Hole Deviation	30.0 (deg)		MHD
Elevation of Kelly Bushing	27.4 (m)		EKB
Elevation of Ground Level	-59.0 (m)		EGL
Elevation of Derrick Floor	27.4 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 27.4 (m)	PDAT, EPD
Log Measured From	K.B	Above Permanent Datum -27.4 (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	4-Feb-2009		DATE
Run Number	1 through 7		RUN
Total Depth - Driller	1628.0 (m)		TDD
Total Depth - Logger	1600.0 (m)		TDL
Bottom Log Interval	1563.0 (m)		BLI

Error Summary File: **CCL_060LUP** Sequence: **10**

Well Site Data

File: CCL_060LUP

Sequence: 10

Origin: 35

Well Data

Company Name	Esso Australia Pty Ltd.		CN
Well Name	A14		WN
Field Name	Marlin		FN
Rig:	Crane / Prod 4		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Service Order Number	AXWT-00098		SON
Longitude	148 13'09.18"E		LONG
Latitude	038 13'55.49"S		LATI
Maximum Hole Deviation	30.0 (deg)		MHD
Elevation of Kelly Bushing	27.4 (m)		EKB
Elevation of Ground Level	-59.0 (m)		EGL
Elevation of Derrick Floor	27.4 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 27.4 (m)	PDAT, EPD
Log Measured From	K.B	Above Permanent Datum -27.4 (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	4-Feb-2009		DATE
Run Number	1 through 7		RUN
Total Depth - Driller	1628.0 (m)		TDD
Total Depth - Logger	1600.0 (m)		TDL
Bottom Log Interval	1563.0 (m)		BLI
Top Log Interval	1521.0 (m)		TLI
Current Casing Size	9.63 (in)		CSIZ
Casing Depth From	12.5 (m)		CDF
Casing Depth To	1740.0 (m)		CADT
Casing Grade	N-80		CASG
Casing Weight	40.0 (lbm/ft)		CWEI
Bit Size	12.3 (in)		BS
Bit Size Depth From	57.0 (m)		BSDF
Bit Size Depth To	1749.2 (m)		BSDT
Date Logger At Bottom	4-Feb-2009	Time Logger At Bottom 9:31	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location AUSL	LUN, LUL
Engineer's Name	S.Gilbert		ENGI
Witness's Name	B White		WITN
Service Order Number	AXWT-00098		SON

Mud Data

Drilling Fluid Type	Production fluids		DFT
Maximum Recorded Temperature	184.0 (degF)		MRT
	184.0 (degF)		MRT1
Date Logger At Bottom	4-Feb-2009	Time Logger At Bottom 9:31	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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Remarks

Log correlated to	R1
Objective: RIH with dummy toolstring to ensure access through minimum restrictions.	R2
Perforate the interval 1521m to 1531m MDKB using 2", 6spf, 60deg Phased Powerjet Omega HSD guns with MWPT.	R3
Set 9 5/8 posiset plug with top of Seal @ 1563m MDKB, then Dump approx 1.0m of Cement on top in 2 runs.	R4
Gun#1: Before Gun SBHP- 1957.6 psia SBHT- 174.6 degf / After Gun SBHP- 1957.9 psia SBHT-179.4 degf	R5
Gun#1: 1521m to 1526m MDKB Top Shot @1521m MDKB	R6
CCL to Top Shot = 3.6m CCL Stop Depth = 1517.4m MDKB	R7
Gun#2: Before Gun SBHP- 1958.1psia SBHT- 176psia / After Gun SBHP- 1958.15 psia SBHT- 183.71 degf	R8
Gun@2: 1526m to 1531m MDKB Top Shot @ 1526m MDKB	R9
CCL to Top Shot = 3.6m CCL Stop Depth = 1522.4m MDKB	R10
Dummy Plug tool zero to Bottom of Dummy Plug = 4.15m	R11
HUD not tagged with dummy plug	R12
Posiset PlugTop of Seal @ 1563m	R13
CCL to Top of Seal = 6.95m CCL Stop Depth = 1556.05m MDKB	R14
CCL to Bottom of Dump Bailers = 12m	R15
Schlumberger Crew:	R16
J.Light, N.Simmons.	R17

Other Services

None	OS1
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Frame Summary File: CCL_060LUP Sequence: 10

Origin: 35

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	1556.00	1516.08 m	-60.0 (0.1 in) up	7	TDEP	60B
	5105.00	4974.00 ft				
BOREHOLE-DEPTH	1556.00	1515.95 m	-10.0 (0.1 in) up	7	TDEP,1	10B
	5105.00	4973.58 ft				

File Header File: PERFO_064LDP Sequence: 11

Defining Origin: 67

File ID: PERFO_064LDP	File Type: DEPTH LOG				
Producer Name: Schlumberger	Product/Version: OP 16C0-147	File Set: 41	File Number: 63	5-FEB-2009 8:20:20	
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A14				
Field Name:	Marlin				
Tool String:	SHM_GUN, CCL-L				
Computations:	WELLCAD				

Error Summary File: PERFO_064LDP Sequence: 11

No errors detected in file.

Well Site Data File: PERFO_064LDP Sequence: 11

Origin: 67

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A14	WN
Field Name	Marlin	FN
Rig:	Crane / Prod 4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AXWT-00098	SON
Longitude	148 13'09.18"E	LONG
Latitude	038 13'55.49"S	LATI
Maximum Hole Deviation	30.0 (deg)	MHD
Elevation of Kelly Bushing	27.4 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	27.4 (m)	EDF

Permanent Datum	M.S.L	Elevation of Permanent Datum	27.4 (m)	PDAT, EPD
Log Measured From	K.B	Above Permanent Datum	-27.4 (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	4-Feb-2009			DATE
Run Number	1 through 7			RUN
Total Depth - Driller	1628.0 (m)			TDD
Total Depth - Logger	1600.0 (m)			TDL
Bottom Log Interval	1563.0 (m)			BLI
Top Log Interval	1521.0 (m)			TLI
Current Casing Size	9.63 (in)			CSIZ
Casing Depth From	12.5 (m)			CDF
Casing Depth To	1740.0 (m)			CADT
Casing Grade	N-80			CASG
Casing Weight	40.0 (lbm/ft)			CWEI
Bit Size	12.3 (in)			BS
Bit Size Depth From	57.0 (m)			BSDF
Bit Size Depth To	1749.2 (m)			BSDT
Date Logger At Bottom	4-Feb-2009	Time Logger At Bottom	9:31	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	AUSL	LUN, LUL
Engineer's Name	S.Gilbert			ENGI
Witness's Name	B White			WITN
Service Order Number	AXWT-00098			SON
Mud Data				
Drilling Fluid Type	Production fluids			DFT
Maximum Recorded Temperature	184.0 (degF)			MRT
	184.0 (degF)			MRT1
Date Logger At Bottom	4-Feb-2009	Time Logger At Bottom	9:31	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				R1
Objective: RIH with dummy toolstring to ensure access through minimum restrictions.				R2
Perforate the interval 1521m to 1531m MDKB using 2", 6spf, 60deg Phased Powerjet Omega HSD guns with MWPT.				R3
Set 9 5/8 posiset plug with top of Seal @ 1563m MDKB, then Dump approx 1.0m of Cement on top in 2 runs.				R4
Gun#1: Before Gun SBHP- 1957.6 psia SBHT- 174.6 degf / After Gun SBHP- 1957.9 psia SBHT-179.4 degf				R5
Gun#1: 1521m to 1526m MDKB Top Shot @1521m MDKB				R6
CCL to Top Shot = 3.6m CCL Stop Depth = 1517.4m MDKB				R7
Gun#2: Before Gun SBHP- 1958.1psia SBHT- 176psia / After Gun SBHP- 1958.15 psia SBHT- 183.71 degf				R8
Gun@2: 1526m to 1531m MDKB Top Shot @ 1526m MDKB				R9
CCL to Top Shot = 3.6m CCL Stop Depth = 1522.4m MDKB				R10
Dummy Plug tool zero to Bottom of Dummy Plug = 4.15m				R11
HUD not tagged with dummy plug				R12
Posiset PlugTop of Seal @ 1563m				R13
CCL to Top of Seal = 6.95m CCL Stop Depth = 1556.05m MDKB				R14
CCL to Bottom of Dump Bailers = 12m				R15
Schlumberger Crew:				R16
J.Light, N.Simmons.				R17
Other Services				
None				OS1

Frame Summary							File: PERFO_064LDP	Sequence: 11
Origin: 67								
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name		
BOREHOLE-DEPTH	-9.30	1534.67 m	60.0 (0.1 in) down	7	TDEP	60B		
	-30.50	5035.00 ft						
BOREHOLE-DEPTH	-9.30	1534.64 m	10.0 (0.1 in) down	4	TDEP;1	10B		
	-30.50	5034.92 ft						

File Header	File: PERFO_069LUP	Sequence: 12
Defining Origin: 67		
File ID: PERFO_069LUP File Type: DEPTH LOG		
Producer Name: Schlumberger	Product/Version: OP 16C0-147	File Set: 41 File Number: 68 5-FEB-2009 10:15:04
Company Name: Esso Australia Pty Ltd.		
Well Name: A14		
Field Name: Marlin		
Tool String: SHM_GUN, CCL-L		
Computations: WELLCAD		

Error Summary	File: PERFO_069LUP	Sequence: 12
No errors detected in file.		

Well Site Data	File: PERFO_069LUP	Sequence: 12
Origin: 67		
Well Data		
Company Name	Esso Australia Pty Ltd.	CN
Well Name	A14	WN
Field Name	Marlin	FN
Rig:	Crane / Prod 4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AXWT-00098	SON
Longitude	148 13'09.18"E	LONG
Latitude	038 13'55.49"S	LATI
Maximum Hole Deviation	30.0 (deg)	MHD
Elevation of Kelly Bushing	27.4 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	27.4 (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	4-Feb-2009	DATE
Run Number	1 through 7	RUN
Total Depth - Driller	1628.0 (m)	TDD
Total Depth - Logger	1600.0 (m)	TDL
Bottom Log Interval	1563.0 (m)	BLI
Top Log Interval	1521.0 (m)	TLI
Current Casing Size	9.63 (in)	CSIZ
Casing Depth From	12.5 (m)	CDF
Casing Depth To	1740.0 (m)	CADT
Casing Grade	N-80	CASG
Casing Weight	40.0 (lbm/ft)	CWEI
Bit Size	12.3 (in)	BS
Bit Size Depth From	57.0 (m)	BSDF
Bit Size Depth To	1749.2 (m)	BSDT
Date Logger At Bottom	4-Feb-2009	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S.Gilbert	ENGI
Witness's Name	B White	WITN
Service Order Number	AXWT-00098	SON
Mud Data		
Drilling Fluid Type	Production fluids	DFT
Maximum Recorded Temperature	184.0 (degF)	MRT
	184.0 (degF)	MRT1
Date Logger At Bottom	4-Feb-2009	DLAB, TLAB
	Time Logger At Bottom 9:31	
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 R1
Objective: RIH with dummy toolstring to ensure access through minimum restrictions. R2
Perforate the interval 1521m to 1531m MDKB using 2", 6spf, 60deg Phased Powerjet Omega HSD guns with MWPT. R3
Set 9 5/8 posiset plug with top of Seal @ 1563m MDKB, then Dump approx 1.0m of Cement on top in 2 runs. R4
Gun#1: Before Gun SBHP- 1957.6 psia SBHT- 174.6 degf / After Gun SBHP- 1957.9 psia SBHT-179.4 degf R5
Gun#1: 1521m to 1526m MDKB Top Shot @1521m MDKB R6
CCL to Top Shot = 3.6m CCL Stop Depth = 1517.4m MDKB R7
Gun#2: Before Gun SBHP- 1958.1psia SBHT- 176psia / After Gun SBHP- 1958.15 psia SBHT- 183.71 degf R8
Gun@2: 1526m to 1531m MDKB Top Shot @ 1526m MDKB R9
CCL to Top Shot = 3.6m CCL Stop Depth = 1522.4m MDKB R10
Dummy Plug tool zero to Bottom of Dummy Plug = 4.15m R11
HUD not tagged with dummy plug R12
Posiset PlugTop of Seal @ 1563m R13
CCL to Top of Seal = 6.95m CCL Stop Depth = 1556.05m MDKB R14
CCL to Bottom of Dump Bailers = 12m R15
Schlumberger Crew: R16
J.Light, N.Simmons. R17

Other Services

None OS1

Frame Summary File: PERFO_069LUP Sequence: 12

Origin: 67

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	1551.74	1518.51 m	-60.0 (0.1 in) up	7	TDEP	60B
	5091.00	4982.00 ft				
BOREHOLE-DEPTH	1551.74	1518.54 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	5091.00	4982.08 ft				

File Header File: PERFO_072LUP Sequence: 13

Defining Origin: 67

File ID: PERFO_072LUP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 16C0-147 File Set: 41 File Number: 71 5-FEB-2009 11:35:41
Company Name: Esso Australia Pty Ltd.
Well Name: A14
Field Name: Marlin
Tool String: SHM_GUN, CCL-L
Computations: WELLCAD

Error Summary File: PERFO_072LUP Sequence: 13

No errors detected in file.

Well Site Data File: PERFO_072LUP Sequence: 13

Origin: 67


Well Data

Company Name Esso Australia Pty Ltd. CN
Well Name A14 WN
Field Name Marlin FN
Rig: Crane / Prod 4 CLAB, COUN
State: Victoria SLAB, STAT
Nation Australia NATI
Field Location Gippsland FL
Basin FL1

Service Order Number	AXWT-00098			FL2
Longitude	148 13'09.18"E			SON
Latitude	038 13'55.49"S			LONG
Maximum Hole Deviation	30.0 (deg)			LATI
Elevation of Kelly Bushing	27.4 (m)			MHD
Elevation of Ground Level	-59.0 (m)			EKB
Elevation of Derrick Floor	27.4 (m)			EGL
Permanent Datum	M.S.L	Elevation of Permanent Datum	27.4 (m)	EDF
Log Measured From	K.B	Above Permanent Datum	-27.4 (m)	PDAT, EPD
Drilling Measured From	K.B			LMF, APD
				DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN				
Job Data				
Date as Month-Day-Year	4-Feb-2009			DATE
Run Number	1 through 7			RUN
Total Depth - Driller	1628.0 (m)			TDD
Total Depth - Logger	1600.0 (m)			TDL
Bottom Log Interval	1563.0 (m)			BLI
Top Log Interval	1521.0 (m)			TLI
Current Casing Size	9.63 (in)			CSIZ
Casing Depth From	12.5 (m)			CDF
Casing Depth To	1740.0 (m)			CADT
Casing Grade	N-80			CASG
Casing Weight	40.0 (lbm/ft)			CWEI
Bit Size	12.3 (in)			BS
Bit Size Depth From	57.0 (m)			BSDF
Bit Size Depth To	1749.2 (m)			BSDT
Date Logger At Bottom	4-Feb-2009	Time Logger At Bottom	9:31	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	AUSL	LUN, LUL
Engineer's Name	S.Gilbert			ENGI
Witness's Name	B White			WITN
Service Order Number	AXWT-00098			SON
Mud Data				
Drilling Fluid Type	Production fluids			DFT
Maximum Recorded Temperature	184.0 (degF)			MRT
	184.0 (degF)			MRT1
Date Logger At Bottom	4-Feb-2009	Time Logger At Bottom	9:31	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				R1
Objective: RIH with dummy toolstring to ensure access through minimum restrictions.				R2
Perforate the interval 1521m to 1531m MDKB using 2", 6spf, 60deg Phased Powerjet Omega HSD guns with MWPT.				R3
Set 9 5/8 posiset plug with top of Seal @ 1563m MDKB, then Dump approx 1.0m of Cement on top in 2 runs.				R4
Gun#1: Before Gun SBHP- 1957.6 psia SBHT- 174.6 degf / After Gun SBHP- 1957.9 psia SBHT-179.4 degf				R5
Gun#1: 1521m to 1526m MDKB Top Shot @1521m MDKB				R6
CCL to Top Shot = 3.6m CCL Stop Depth = 1517.4m MDKB				R7
Gun#2: Before Gun SBHP- 1958.1psia SBHT- 176psia / After Gun SBHP- 1958.15 psia SBHT- 183.71 degf				R8
Gun@2: 1526m to 1531m MDKB Top Shot @ 1526m MDKB				R9
CCL to Top Shot = 3.6m CCL Stop Depth = 1522.4m MDKB				R10
Dummy Plug tool zero to Bottom of Dummy Plug = 4.15m				R11
HUD not tagged with dummy plug				R12
Posiset PlugTop of Seal @ 1563m				R13
CCL to Top of Seal = 6.95m CCL Stop Depth = 1556.05m MDKB				R14
CCL to Bottom of Dump Bailers = 12m				R15
Schlumberger Crew:				R16
J.Light, N.Simmons.				R17
Other Services				
None				OS1

Frame Summary						File: PERFO_072LUP	Sequence: 13
Origin: 67							
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name	
BOREHOLE-DEPTH	1550.06	1514.40 m	-60.0 (0.1 in) up	7	TDEP	60B	
	5085.50	4968.50 ft					

	5085.50	1669.55 ft				
BOREHOLE-DEPTH	1550.06	1514.42 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	5085.50	4968.58 ft				

	Verification Listing	Listing Completed: 5-FEB-2009 11:49:04
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