

Input Source: D:\OP_Folder\Clients\Esoo_2009\BMA_A9b\CCLL\COMP_MWPT_MPBT_COMP_098.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **PERFO_048LUP** Sequence: **1**

Defining Origin: 21

File ID: PERFO_048LUP File Type: DEPTH LOG

Producer Name: Schlumberger

Product/Version: OP 17C0-154

File Set: 41

File Number: 46

8-NOV-2009 2:39:28

Company Name: Esso Australia Pty Ltd.

Well Name: BMA A9b

Field Name: Bream A

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

Computations: WELLCAD, BORDYN

Error Summary File: **PERFO_048LUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **PERFO_048LUP** Sequence: **1**

Origin: 21

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	BMA A9b	WN
Field Name	Bream A	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	B297-00019	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	57.0 (deg)	MHD
Elevation of Kelly Bushing	32.8 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	32.8 (m)	EDF
Permanent Datum	M.S.L	PDAT, EPD
Log Measured From	D.F	LMF, APD
Drilling Measured From	D.F	DMF
	Elevation of Permanent Datum	0.0 (m)
	Above Permanent Datum	32.8 (m)

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

Job Data

Date as Month-Day-Year	8-Nov-2009	DATE
Run Number	2 through 6	RUN
Total Depth - Driller	2222.0 (m)	TDD
Total Depth - Logger	2222.0 (m)	TDL
Bottom Log Interval	2216.0 (m)	BLI
Top Log Interval	2000.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	12.2 (m)	CDF
Casing Depth To	2321.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	1123.2 (m)	BSDF
Bit Size Depth To	2326.0 (m)	BSDT
Date Logger At Bottom	8-Nov-2009	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	O Darby	ENGI
Witness's Name	B White	WITN
Service Order Number	B297-00019	SON
	Time Logger At Bottom	23:44
	Logging Unit Location	AUSL / PROD 4

Mud Data

Mud Data				DFT
Drilling Fluid Type	Production Fluids			MRT
Maximum Recorded Temperature	206.0 (degF)			MRT1
	206.0 (degF)			DLAB, TLAB
Date Logger At Bottom	8-Nov-2009	Time Logger At Bottom	23:44	
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 logging program.				R1
Maximum well deviation = m MDKB.				R2
Objectives: Perforate the well using 2 1/8" Powerjet gun's over the interval m MDKB.				R3
Run 2.13" Dummy Plug to ensure access for Posiset Plug.				R4
Set 7" 26 lb/ft Posiset plug with Top of Seal at m MDKB and then dump approx 1m of cement on top .				R5
Perforation Zone = m MDKB				R7
Top Shot @ 2m MDKB				R8
CCL to Top Shot = m				R9
CCL Stop Depth = m MDKB				R10
7" Posiset Plug top of Seal Set @m MDKB				R12
CCL to Top of Seal = m				R13
CCL stop Depth = m MDKB				R14
1m of Cement dumped in 1 Run.				R15
Crew :A Pratt , G Martin				R17
Other Services				
RST Survey				OS1

Frame Summary		File: PERFO_048LUP	Sequence: 1			
Origin: 21						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2185.11	2116.84 m	-60.0 (0.1 in) up	22	TDEP	60B
	7169.00	6945.00 ft				
BOREHOLE-DEPTH	2185.11	2116.86 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	7169.00	6945.08 ft				

File Header		File: PERFO_049LUP	Sequence: 2		
Defining Origin: 21					
File ID: PERFO_049LUP File Type: DEPTH LOG					
Producer Name: Schlumberger		Product/Version: OP 17C0-154	File Set: 41	File Number: 47	8-NOV-2009 2:49:55
Company Name:	Esso Australia Pty Ltd.				
Well Name:	BMA A9b				
Field Name:	Bream A				
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA				
Computations:	WELLCAD, BORDYN				

Error Summary		File: PERFO_049LUP	Sequence: 2
No errors detected in file.			

Well Site Data		File: PERFO_049LUP	Sequence: 2
Origin: 21			

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	BMA A9b	WN
Field Name	Bream A	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	B297-00019	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	57.0 (deg)	MHD
Elevation of Kelly Bushing	32.8 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	32.8 (m)	EDF
Permanent Datum	M.S.L	PDAT, EPD
Log Measured From	D.F	LMF, APD
Drilling Measured From	D.F	DMF
	Elevation of Permanent Datum 0.0 (m)	
	Above Permanent Datum 32.8 (m)	

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

Job Data

Date as Month-Day-Year	8-Nov-2009	DATE
Run Number	2 through 6	RUN
Total Depth - Driller	2222.0 (m)	TDD
Total Depth - Logger	2222.0 (m)	TDL
Bottom Log Interval	2216.0 (m)	BLI
Top Log Interval	2000.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	12.2 (m)	CDF
Casing Depth To	2321.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	1123.2 (m)	BSDF
Bit Size Depth To	2326.0 (m)	BSDT
Date Logger At Bottom	8-Nov-2009	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	O Darby	ENGI
Witness's Name	B White	WITN
Service Order Number	B297-00019	SON
	Time Logger At Bottom 23:44	
	Logging Unit Location AUSL / PROD 4	

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	206.0 (degF)	MRT
	206.0 (degF)	MRT1
Date Logger At Bottom	8-Nov-2009	DLAB, TLAB
	Time Logger At Bottom 23:44	

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 logging program.	R1
Maximum well deviation = m MDKB.	R2
Objectives: Perforate the well using 2 1/8" Powerjet gun's over the interval m MDKB.	R3
Run 2.13" Dummy Plug to ensure access for Posiset Plug.	R4
Set 7" 26 lb/ft Posiset plug with Top of Seal at m MDKB and then dump approx 1m of cement on top .	R5
Perforation Zone = m MDKB	R7
Top Shot @ 2m MDKB	R8
CCL to Top Shot = m	R9
CCL Stop Depth = m MDKB	R10
7" Posiset Plug top of Seal Set @m MDKB	R12
CCL to Top of Seal = m	R13
CCL stop Depth = m MDKB	R14
1m of Cement dumped in 1 Run.	R15
Crew :A Pratt , G Martin	R17

Other Services

RST Survey	OS1
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Frame Summary		File: PERFO_049LUP		Sequence: 2		
Origin: 21						
<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	2186.48	2113.18 m	-60.0 (0.1 in) up	22	TDEP	60B
	7173.50	6933.00 ft				
BOREHOLE-DEPTH	2186.48	2113.20 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	7173.50	6933.08 ft				

File Header		File: PERFO_051LTP		Sequence: 3		
Defining Origin: 21						
File ID: PERFO_051LTP File Type: STATION						
Producer Name: Schlumberger		Product/Version: OP 17C0-154		File Set: 41	File Number: 49	8-NOV-2009 2:53:19
Company Name:	Esso Australia Pty Ltd.					
Well Name:	BMA A9b					
Field Name:	Bream A					
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA					
Computations:	WELLCAD, BORDYN					

Error Summary	File: PERFO_051LTP	Sequence: 3
No errors detected in file.		

Well Site Data		File: PERFO_051LTP	Sequence: 3
Origin: 21			
Well Data			
Company Name	Esso Australia Pty Ltd.		CN
Well Name	BMA A9b		WN
Field Name	Bream A		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	B297-00019		SON
Longitude	147 46'15"E		LONG
Latitude	038 30'04"S		LATI
Maximum Hole Deviation	57.0 (deg)		MHD
Elevation of Kelly Bushing	32.8 (m)		EKB
Elevation of Ground Level	-59.0 (m)		EGL
Elevation of Derrick Floor	32.8 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum 32.8 (m)	LMF, APD
Drilling Measured From	D.F		DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN			
Job Data			
Date as Month-Day-Year	8-Nov-2009		DATE
Run Number	2 through 6		RUN
Total Depth - Driller	2222.0 (m)		TDD
Total Depth - Logger	2222.0 (m)		TDL
Bottom Log Interval	2216.0 (m)		BLI
Top Log Interval	2000.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	12.2 (m)		CDF
Casing Depth To	2321.0 (m)		CADT
Casing Grade	L-80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS

Bit Size Depth From	1123.2 (m)			BSDF
Bit Size Depth To	2326.0 (m)			BSDT
Date Logger At Bottom	8–Nov–2009	Time Logger At Bottom	23:44	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	AUSL / PROD 4	LUN, LUL
Engineer's Name	O Darby			ENGI
Witness's Name	B White			WITN
Service Order Number	B297–00019			SON
Mud Data				
Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	206.0 (degF)			MRT
	206.0 (degF)			MRT1
Date Logger At Bottom	8–Nov–2009	Time Logger At Bottom	23:44	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: 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 logging program.				R1
Maximum well deviation = m MDKB.				R2
Objectives: Perforate the well using 2 1/8" Powerjet gun's over the interval m MDKB.				R3
Run 2.13" Dummy Plug to ensure access for Posiset Plug.				R4
Set 7" 26 lb/ft Posiset plug with Top of Seal at m MDKB and then dump approx 1m of cement on top .				R5
Perforation Zone = m MDKB				R7
Top Shot @ 2m MDKB				R8
CCL to Top Shot = m				R9
CCL Stop Depth = m MDKB				R10
7" Posiset Plug top of Seal Set @m MDKB				R12
CCL to Top of Seal = m				R13
CCL stop Depth = m MDKB				R14
1m of Cement dumped in 1 Run.				R15
Crew :A Pratt , G Martin				R17
Other Services				
RST Survey				OS1

Frame Summary File: PERFO_051LTP Sequence: 3						
Origin: 21						
<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	2377.25	3532.25 s	2000.0 (0.5 ms)	7	TIME;2	2000T
TIME	2377.25	3532.75 s	1000.0 (0.5 ms)	14	TIME;4	1000T
TIME	2377.25	3532.75 s	500.0 (0.5 ms)	4	TIME;5	500T

File Header		File: PERFO_060PUP	Sequence: 4
Defining Origin: 25			
File ID: PERFO_060PUP File Type: PLAYBACK			
Producer Name: Schlumberger		Product/Version: OP 17C0–154	File Set: 41
		File Number: 58	8–NOV–2009 19:21:12
Company Name:	Esso Australia Pty Ltd.		
Well Name:	BMA A9b		
Field Name:	Bream A		
Tool String:	MWPT–CA, MWGT–AA		
Computations:	WELLCAD, BORDYN		

Error Summary File: PERFO_060PUP Sequence: 4		
No errors detected in file.		

Well Site Data File: PERFO_060PUP Sequence: 4		
Origin: 25		
Well Data		
Company Name	Esso Australia Pty Ltd.	CN

Well Name	BMA A9b		WN
Field Name	Bream A		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	B297-00019		SON
Longitude	147 46'15"E		LONG
Latitude	038 30'04"S		LATI
Maximum Hole Deviation	48.0 (deg)		MHD
Elevation of Kelly Bushing	32.8 (m)		EKB
Elevation of Ground Level	-69.0 (m)		EGL
Elevation of Derrick Floor	32.8 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum	0.0 (m)
Log Measured From	D.F	Above Permanent Datum	32.8 (m)
Drilling Measured From	D.F		PDAT, EPD
			LMF, APD
			DMF

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

Job Data

Date as Month-Day-Year	8-Nov-2009		DATE
Run Number	2 through 6		RUN
Total Depth - Driller	2281.0 (m)		TDD
Total Depth - Logger	2192.0 (m)		TDL
Bottom Log Interval	2186.0 (m)		BLI
Top Log Interval	2184.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	1602.0 (m)		CDF
Casing Depth To	2281.0 (m)		CADT
Casing Grade	L-80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	1602.8 (m)		BSDF
Bit Size Depth To	2281.0 (m)		BSDT
Date Logger At Bottom	8-Nov-2009	Time Logger At Bottom	23:44
Logging Unit Number	889	Logging Unit Location	AUSL / Prod 4
Engineer's Name	O Darby		DLAB, TLAB
Witness's Name	B White		LUN, LUL
Service Order Number	B297-00019		ENGI
			WITN
			SON

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	204.5 (degF)		MRT
	204.5 (degF)		MRT1
Date Logger At Bottom	8-Nov-2009	Time Logger At Bottom	23:44
			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 logging program.		R1
Maximum well deviation = 48m MDKB.		R2
Objectives: Perforate the well using 2 1/8" Powerjet gun's 2184 - 2186m MDKB.		R3
Run 2.13" Dummy Plug to ensure access for Posiset Plug. Set 7" 26 lb/ft MPBT		R4
with Top of Seal at 2187m MDKB and then dump approx 1m of cement on top.		R5
Perforation Zone = 2184 to 2186 m MDKB		R8
CCL to Top Shot = 3.5m		R9
CCL Stop Depth = 2180.5m MDKB		R10
7" Posiset Plug top of Seal Set @2187m MDKB		R12
CCL to Top of Seal = m		R13
CCL stop Depth = m MDKB		R14
Crew :A Pratt , G Martin		R17

Other Services

RST Survey		OS1
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BOREHOLE-DEPTH	2187.24 7176.00	2018.54 m 6622.50 ft	-60.0 (0.1 in) up	22	TDEP	60B
BOREHOLE-DEPTH	2187.24 7176.00	2018.72 m 6623.08 ft	-10.0 (0.1 in) up	10	TDEP;1	10B

File Header File: PERFO_082PUP Sequence: 5						
Defining Origin: 41						
File ID: PERFO_082PUP File Type: PLAYBACK						
Producer Name: Schlumberger		Product/Version: OP 17C0-154		File Set: 41	File Number: 79	8-NOV-2009 22:33:59
Company Name: Esso Australia Pty Ltd.						
Well Name: BMA A9b						
Field Name: Bream A						
Tool String: CCL-L, SHM_GUN						
Computations: WELLCAD						

Error Summary File: PERFO_082PUP Sequence: 5		
No errors detected in file.		

Well Site Data File: PERFO_082PUP Sequence: 5		
Origin: 41		
Well Data		
Company Name	Esso Australia Pty Ltd.	CN
Well Name	BMA A9b	WN
Field Name	Bream A	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	B297-00019	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	48.0 (deg)	MHD
Elevation of Kelly Bushing	32.8 (m)	EKB
Elevation of Ground Level	-69.0 (m)	EGL
Elevation of Derrick Floor	32.8 (m)	EDF
Permanent Datum	M.S.L	PDAT, EPD
Log Measured From	D.F	LMF, APD
Drilling Measured From	D.F	DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN		
Job Data		
Date as Month-Day-Year	8-Nov-2009	DATE
Run Number	2 through 6	RUN
Total Depth - Driller	2281.0 (m)	TDD
Total Depth - Logger	2192.0 (m)	TDL
Bottom Log Interval	2186.0 (m)	BLI
Top Log Interval	2184.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	1602.0 (m)	CDF
Casing Depth To	2281.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	1602.8 (m)	BSDF
Bit Size Depth To	2281.0 (m)	BSDT
Date Logger At Bottom	8-Nov-2009	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	O Darby	ENGI
Witness's Name	B White	WITN
Service Order Number	B297-00019	SON
Time Logger At Bottom 23:44		
Logging Unit Location AUSL / Prod 4		
Mud Data		
Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	204.5 (degF)	MRT
	204.5 (degF)	MRT1
Date Logger At Bottom	8-Nov-2009	DLAB, TLAB
Time Logger At Bottom	23:44	

Date Logger At Bottom		8-NOV-2009	Time Logger At Bottom		23.44	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 logging program.						R1
Maximum well deviation = 48m MDKB.						R2
Objectives: Perforate the well using 2 1/8" Powerjet gun's 2184 – 2186m MDKB.						R3
Run 2.13" Dummy Plug to ensure access for Posiset Plug. Set 7" 26 lb/ft MPBT						R4
with Top of Seal at 2187m MDKB and then dump approx 1m of cement on top.						R5
Perforation Zone = 2184 to 2186 m MDKB						R8
CCL to Top Shot = 3.5m						R9
CCL Stop Depth = 2180.5m MDKB						R10
7" Posiset Plug top of Seal Set @2187m MDKB						R12
CCL to Top of Seal = m						R13
CCL stop Depth = m MDKB						R14
Crew :A Pratt , G Martin						R17
Other Services						
RST Survey						OS1

Frame Summary		File: PERFO_082PUP		Sequence: 5		
Origin: 41						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2179.93	2109.98 m	-60.0 (0.1 in) up	7	TDEP	60B
	7152.00	6922.50 ft				
BOREHOLE-DEPTH	2179.93	2110.00 m	-10.0 (0.1 in) up	4	TDEP,1	10B
	7152.00	6922.58 ft				

File Header		File: CCL_075LUP	Sequence: 6	
Defining Origin: 112				
File ID: CCL_075LUP		File Type: DEPTH LOG		
Producer Name: Schlumberger		Product/Version: OP 17C0-154	File Set: 41	File Number: 73
		8-NOV-2009 21:46:31		
Company Name:	Esso Australia Pty Ltd.			
Well Name:	BMA A9b			
Field Name:	Bream A			
Tool String:	MPEX-DA, MPSU-CA, CCL-I			
Computations:	WELLCAD			

Error Summary		File: CCL_075LUP	Sequence: 6
No errors detected in file.			

Well Site Data		File: CCL_075LUP	Sequence: 6
Origin: 112			
Well Data			
Company Name	Esso Australia Pty Ltd.		CN
Well Name	BMA A9b		WN
Field Name	Bream A		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	B297-00019		SON
Longitude	147 46'15"E		LONG
Latitude	038 30'04"S		LATI
Maximum Hole Deviation	18.0 (deg)		MHD

Maximum Hole Deviation	46.0 (deg)			MHD
Elevation of Kelly Bushing	32.8 (m)			EKB
Elevation of Ground Level	-69.0 (m)			EGL
Elevation of Derrick Floor	32.8 (m)			EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum	0.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum	32.8 (m)	LMF, APD
Drilling Measured From	D.F			DMF

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

Job Data

Date as Month-Day-Year	8-Nov-2009			DATE
Run Number	2 through 6			RUN
Total Depth - Driller	2281.0 (m)			TDD
Total Depth - Logger	2192.0 (m)			TDL
Bottom Log Interval	2186.0 (m)			BLI
Top Log Interval	2184.0 (m)			TLI
Current Casing Size	7.00 (in)			CSIZ
Casing Depth From	1602.0 (m)			CDF
Casing Depth To	2281.0 (m)			CADT
Casing Grade	L-80			CASG
Casing Weight	26.0 (lbm/ft)			CWEI
Bit Size	8.50 (in)			BS
Bit Size Depth From	1602.8 (m)			BSDF
Bit Size Depth To	2281.0 (m)			BSDT
Date Logger At Bottom	8-Nov-2009	Time Logger At Bottom	23:44	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	AUSL / Prod 4	LUN, LUL
Engineer's Name	O Darby			ENGI
Witness's Name	B White			WITN
Service Order Number	B297-00019			SON

Mud Data

Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	204.5 (degF)			MRT
	204.5 (degF)			MRT1
Date Logger At Bottom	8-Nov-2009	Time Logger At Bottom	23:44	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 logging program.	R1
Maximum well deviation = 48m MDKB.	R2
Objectives: Perforate the well using 2 1/8" Powerjet gun's 2184 - 2186m MDKB.	R3
Run 2.13" Dummy Plug to ensure access for Posiset Plug. Set 7" 26 lb/ft MPBT	R4
with Top of Seal at 2187m MDKB and then dump approx 1m of cement on top.	R5
Perforation Zone = 2184 to 2186 m MDKB	R8
CCL to Top Shot = 3.5m	R9
CCL Stop Depth = 2180.5m MDKB	R10
7" Posiset Plug top of Seal Set @2187m MDKB	R12
CCL to Top of Seal = m	R13
CCL stop Depth = m MDKB	R14
Crew :A Pratt , G Martin	R17

Other Services

RST Survey	OS1
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Frame Summary File: CCL_075LUP Sequence: 6

Origin: 112

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	12192.00	11788.44 m	-60.0 (0.1 in) up	7	TDEP	60B
	40000.00	38676.00 ft				
BOREHOLE-DEPTH	12192.00	11788.47 m	-10.0 (0.1 in) up	4	TDEP;1	10B
	40000.00	38676.08 ft				

File Header

File: PERFO_091PUP

Sequence: 7

Defining Origin: 41				
File ID: PERFO_091PUP File Type: PLAYBACK				
Producer Name: Schlumberger		Product/Version: OP 17C0-154	File Set: 41	File Number: 88
9-NOV-2009 1:40:29				
Company Name: Esso Australia Pty Ltd.				
Well Name: BMA A9b				
Field Name: Bream A				
Tool String: CCL-L, SHM_GUN				
Computations: WELLCAD				

Error Summary

File: PERFO_091PUP

Sequence: 7

No errors detected in file.

Well Site Data

File: PERFO_091PUP

Sequence: 7

Origin: 41				
Well Data				
Company Name		Esso Australia Pty Ltd.		CN
Well Name		BMA A9b		WN
Field Name		Bream A		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		B297-00019		SON
Longitude		147 46'15"E		LONG
Latitude		038 30'04"S		LATI
Maximum Hole Deviation		48.0 (deg)		MHD
Elevation of Kelly Bushing		32.8 (m)		EKB
Elevation of Ground Level		-69.0 (m)		EGL
Elevation of Derrick Floor		32.8 (m)		EDF
Permanent Datum		M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From		D.F	Above Permanent Datum 32.8 (m)	LMF, APD
Drilling Measured From		D.F		DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN				

Job Data				
Date as Month-Day-Year		8-Nov-2009		DATE
Run Number		2 through 6		RUN
Total Depth - Driller		2281.0 (m)		TDD
Total Depth - Logger		2192.0 (m)		TDL
Bottom Log Interval		2186.0 (m)		BLI
Top Log Interval		2184.0 (m)		TLI
Current Casing Size		7.00 (in)		CSIZ
Casing Depth From		1602.0 (m)		CDF
Casing Depth To		2281.0 (m)		CADT
Casing Grade		L-80		CASG
Casing Weight		26.0 (lbm/ft)		CWEI
Bit Size		8.50 (in)		BS
Bit Size Depth From		1602.8 (m)		BSDF
Bit Size Depth To		2281.0 (m)		BSDT
Date Logger At Bottom		8-Nov-2009	Time Logger At Bottom 23:44	DLAB, TLAB
Logging Unit Number		889	Logging Unit Location AUSL / Prod 4	LUN, LUL
Engineer's Name		O Darby		ENGI
Witness's Name		B White		WITN
Service Order Number		B297-00019		SON

Mud Data				
Drilling Fluid Type		Production Fluids		DFT
Maximum Recorded Temperature		204.5 (degF)		MRT
		204.5 (degF)		MRT1

Date Logger At Bottom

204.0 (deg)

Time Logger At Bottom

23:44

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 logging program.

Maximum well deviation = 48m MDKB.

Objectives: Perforate the well using 2 1/8" Powerjet gun's 2184 – 2186m MDKB.

Run 2.13" Dummy Plug to ensure access for Posiset Plug. Set 7" 26 lb/ft MPBT

with Top of Seal at 2187m MDKB and then dump approx 1m of cement on top.

Perforation Zone = 2184 to 2186 m MDKB

CCL to Top Shot = 3.5m

CCL Stop Depth = 2180.5m MDKB

7" Posiset Plug top of Seal Set @2187m MDKB

CCL to Top of Seal =7 m

CCL stop Depth = 2180 m MDKB

Crew :A Pratt , G Martin

R1

R2

R3

R4

R5

R8

R9

R10

R12

R13

R14

R17

Other Services

RST Survey

OS1

Frame Summary

File: PERFO_091PUP

Sequence: 7

Origin: 41

Index Type

Start

Stop

Spacing

Channels

Index Channel

Frame Name

BOREHOLE-DEPTH

2176.58

2111.50 m

-60.0 (0.1 in) up

7

TDEP

60B

7141.00

6927.50 ft

BOREHOLE-DEPTH

2176.58

2111.53 m

-10.0 (0.1 in) up

7

TDEP;1

10B

7141.00

6927.58 ft

File Header

File: PERFO_095PUP

Sequence: 8

Defining Origin: 41

File ID: PERFO_095PUP

File Type: PLAYBACK

Producer Name: Schlumberger

Product/Version: OP 17C0-154

File Set: 41

File Number: 92

9-NOV-2009 2:55:45

Company Name: Esso Australia Pty Ltd.

Well Name: BMA A9b

Field Name: Bream A

Tool String: CCL-L, SHM_GUN

Computations: WELLCAD

Error Summary

File: PERFO_095PUP

Sequence: 8

No errors detected in file.

Well Site Data

File: PERFO_095PUP

Sequence: 8

Origin: 41

Well Data

Company Name

Esso Australia Pty Ltd.

CN

Well Name

BMA A9b

WN

Field Name

Bream A

FN

Rig:

Crane / Prod 4

CLAB, COUN

State:

Victoria

SLAB, STAT

State:	Victoria	SEAL, SHH
Nation	Australia	NATI
Field Location	Gippsland Basin	FL
	Bass Strait	FL1
		FL2
Service Order Number	B297-00019	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	48.0 (deg)	MHD
Elevation of Kelly Bushing	32.8 (m)	EKB
Elevation of Ground Level	-69.0 (m)	EGL
Elevation of Derrick Floor	32.8 (m)	EDF
Permanent Datum	M.S.L	PDAT, EPD
Log Measured From	D.F	LMF, APD
Drilling Measured From	D.F	DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN		
Job Data		
Date as Month-Day-Year	8-Nov-2009	DATE
Run Number	2 through 6	RUN
Total Depth - Driller	2281.0 (m)	TDD
Total Depth - Logger	2192.0 (m)	TDL
Bottom Log Interval	2186.0 (m)	BLI
Top Log Interval	2184.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	1602.0 (m)	CDF
Casing Depth To	2281.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	1602.8 (m)	BSDF
Bit Size Depth To	2281.0 (m)	BSDT
Date Logger At Bottom	8-Nov-2009	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	O Darby	ENGI
Witness's Name	B White	WITN
Service Order Number	B297-00019	SON
Mud Data		
Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	204.5 (degF)	MRT
	204.5 (degF)	MRT1
Date Logger At Bottom	8-Nov-2009	DLAB, TLAB
	Time Logger At Bottom	23:44
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 logging program.		R1
Maximum well deviation = 48m MDKB.		R2
Objectives: Perforate the well using 2 1/8" Powerjet gun's 2184 - 2186m MDKB.		R3
Run 2.13" Dummy Plug to ensure access for Posiset Plug. Set 7" 26 lb/ft MPBT		R4
with Top of Seal at 2187m MDKB and then dump approx 1m of cement on top.		R5
Perforation Zone = 2184 to 2186 m MDKB		R8
CCL to Top Shot = 3.5m		R9
CCL Stop Depth = 2180.5m MDKB		R10
7" Posiset Plug top of Seal Set @2187m MDKB		R12
CCL to Top of Seal =7 m		R13
CCL stop Depth = 2180 m MDKB		R14
Crew :A Pratt , G Martin		R17
Other Services		
RST Survey		OS1

BOREHOLE-DEPTH	2176.73 7141.50	2106.47 m 6911.00 ft	-60.0 (0.1 in) up	7	TDEP	60B
BOREHOLE-DEPTH	2176.73 7141.50	2106.50 m 6911.08 ft	-10.0 (0.1 in) up	7	TDEP;1	10B



Verification Listing

Listing Completed: 9-NOV-2009 4:03:17