

Input Source: D:\OP_Folder\Clients\Essso_2009\BMA_A15\GUN\COMP_BMA_A15_COMP_060.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **RST_PSP_008PUP** Sequence: **1**

Defining Origin: 60

File ID: RST_PSP_008PUP File Type: PLAYBACK

Producer Name: Schlumberger Product/Version: OP 16C0-147 File Set: 41 File Number: 7 27-FEB-2009 14:06:41

Company Name: Esso Australia Pty Ltd.
Well Name: A-15
Field Name: Bream A
Tool String: RST-C, PSPT-B
Computations: WELLCAD, BORDYN

Error Summary File: **RST_PSP_008PUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **RST_PSP_008PUP** Sequence: **1**

Origin: 60

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-15	WN
Field Name	Bream A	FN
Rig:	Prod4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AYCW-00005	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	32.0 (deg)	MHD
Elevation of Kelly Bushing	33.5 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	33.5 (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 33.5 (m)

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

Job Data

Date as Month-Day-Year	27-Feb-2009	DATE
Run Number	1 through 6	RUN
Total Depth - Driller	2099.0 (m)	TDD
Total Depth - Logger	2107.0 (m)	TDL
Bottom Log Interval	2107.0 (m)	BLI
Top Log Interval	1700.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	1783.0 (m)	CDF
Casing Depth To	2147.0 (m)	CADT
Casing Grade	13CR	CASG
Casing Weight	38.6 (lbm/ft)	CWEI
Bit Size	8.00 (in)	BS
Bit Size Depth From	1936.0 (m)	BSDF
Bit Size Depth To	2215.0 (m)	BSDT
Date Logger At Bottom	27-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	AYCW-00005	SON

Mud Data

Mud Data		Production Fluids		DFT
Drilling Fluid Type		206.0 (degF)		MRT
Maximum Recorded Temperature		206.0 (degF)		MRT1
Date Logger At Bottom	27-Feb-2009	Time Logger At Bottom	11:00	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 = 32deg @ 1968m MDKB.				R2
Objectives: RST-C Sigma survey from HUD to 2050m MDKB. Making two passes at 900 ft/hr.				R3
Following this survey the well will be re-perforated and watered out zone plugged off with a 4.5" MPBT plug.				R4
The Sum of the two Casing weights 26lb/ft and 12.6lb/ft were used for the RST casing Wieght in the Parameters				R5
RST SURVEY --- SBHP = psia. SBHT = degf. HUD= m MDKB				R6
New Perforation Zone = m to m MDKB				R7
Top Shot @ m MDKB				R8
CCL to Top Shot = m				R9
CCL Stop Depth = m MDKB				R10
4.5" Posiset Plug top of Seal Set @ m MDKB				R11
CCL to Top of Seal = m				R12
CCL stop Depth = m MDKB				R13
1m of Cement dumped in 1 Run.				R14
Crew : C Shiells , N Simmons				R17
Other Services				
None				OS1

Frame Summary		File: RST_PSP_008PUP	Sequence: 1			
Origin: 60						
<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	2100.53	2026.31 m	-60.0 (0.1 in) up	168	TDEP	60B
	6891.50	6648.00 ft				
BOREHOLE-DEPTH	2100.53	2026.49 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	6891.50	6648.58 ft				

File Header		File: RST_PSP_010PUP	Sequence: 2
Defining Origin: 60			
File ID: RST_PSP_010PUP File Type: PLAYBACK			
Producer Name: Schlumberger		Product/Version: OP 16C0-147	File Set: 41
		File Number: 9	27-FEB-2009 14:31:37
Company Name:	Esso Australia Pty Ltd.		
Well Name:	A-15		
Field Name:	Bream A		
Tool String:	RST-C, PSPT-E		
Computations:	WELLCAD, BORDYN		

Error Summary		File: RST_PSP_010PUP	Sequence: 2
No errors detected in file.			

Well Site Data		File: RST_PSP_010PUP	Sequence: 2
Origin: 60			

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-15	WN
Field Name	Bream A	FN
Rig:	Prod4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AYCW-00005	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	32.0 (deg)	MHD
Elevation of Kelly Bushing	33.5 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	33.5 (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 33.5 (m)	

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

Job Data

Date as Month-Day-Year	27-Feb-2009	DATE
Run Number	1 through 6	RUN
Total Depth - Driller	2099.0 (m)	TDD
Total Depth - Logger	2099.0 (m)	TDL
Bottom Log Interval	2099.0 (m)	BLI
Top Log Interval	1700.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	1783.0 (m)	CDF
Casing Depth To	2147.0 (m)	CADT
Casing Grade	13CR	CASG
Casing Weight	38.6 (lbm/ft)	CWEI
Bit Size	8.00 (in)	BS
Bit Size Depth From	1936.0 (m)	BSDF
Bit Size Depth To	2215.0 (m)	BSDT
Date Logger At Bottom	27-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	AYCW-00005	SON
	Time Logger At Bottom 14:10	
	Logging Unit Location Prod4 / Ausl	

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	206.0 (degF)	MRT
	206.0 (degF)	MRT1
Date Logger At Bottom	27-Feb-2009	DLAB, TLAB
	Time Logger At Bottom 14:10	

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 = 32deg @ 1968m MDKB.	R2
Objectives: RST-C Sigma survey from HUD to 2050m MDKB. Making two passes at 900 ft/hr.	R3
Following this survey the well will be re-perforated and watered out zone plugged off with a 4.5" MPBT plug.	R4
The Sum of the two Casing weights 26lb/ft and 12.6lb/ft were used for the RST casing Wieght in the Parameters	R5
RST SURVEY -- SBHP = 2617psia. SBHT = 182 degf. HUD= 2099 m MDKB	R6
New Perforation Zone = m to m MDKB	R7
Top Shot @ m MDKB	R8
CCL to Top Shot = m	R9
CCL Stop Depth = m MDKB	R10
4.5" Posiset Plug top of Seal Set @ m MDKB	R11
CCL to Top of Seal = m	R12
CCL stop Depth = m MDKB	R13
1m of Cement dumped in 1 Run.	R14
Crew : C Shiells , N Simmons	R17

Other Services

None	OS1
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Sequence: 2

Origin: 60

<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	2101.14 6893.50	2028.29 m 6654.50 ft	-60.0 (0.1 in) up	128	TDEP	60B
BOREHOLE-DEPTH	2101.14 6893.50	2028.47 m 6655.08 ft	-10.0 (0.1 in) up	7	TDEP;1	10B

Sequence: 3

Defining Origin: 60

File ID: RST_PSP_011LUP File Type: DEPTH LOG

Producer Name: Schlumberger	Product/Version: OP 16C0-147	File Set: 41	File Number: 10	27-FEB-2009 14:34:26
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Company Name: Esso Australia Pty Ltd.

Well Name: A-15

Field Name: Bream A

Tool String: RST-C, PSPT-B

Computations: WELLCAD, BORDYN

Sequence: 3

No errors detected in file.

Sequence: 3

Origin: 60

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-15	WN
Field Name	Bream A	FN
Rig:	Prod4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AYCW-00005	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	32.0 (deg)	MHD
Elevation of Kelly Bushing	33.5 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	33.5 (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	27-Feb-2009	DATE
Run Number	1 through 6	RUN
Total Depth – Driller	2099.0 (m)	TDD
Total Depth – Logger	2099.0 (m)	TDL
Bottom Log Interval	2099.0 (m)	BLI
Top Log Interval	1700.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	1783.0 (m)	CDF
Casing Depth To	2147.0 (m)	CADT
Casing Grade	13CR	CASG
Casing Weight	38.6 (lbm/ft)	CWEI
Bit Size	8.00 (in)	BS

Bit Size Depth From	1936.0 (m)			BSDF
Bit Size Depth To	2215.0 (m)			BSDT
Date Logger At Bottom	27-Feb-2009	Time Logger At Bottom	14:10	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	Prod4 / Ausl	LUN, LUL
Engineer's Name	S Gilbert.			ENGI
Witness's Name	B White			WITN
Service Order Number	AYCW-00005			SON
Mud Data				
Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	206.0 (degF)			MRT
	206.0 (degF)			MRT1
Date Logger At Bottom	27-Feb-2009	Time Logger At Bottom	14:10	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 = 32deg @ 1968m MDKB.				R2
Objectives: RST-C Sigma survey from HUD to 2050m MDKB. Making two passes at 900 ft/hr.				R3
Following this survey the well will be re-perforated and watered out zone plugged off with a 4.5" MPBT plug.				R4
The Sum of the two Casing weights 26lb/ft and 12.6lb/ft were used for the RST casing Wieght in the Parameters				R5
RST SURVEY -- SBHP = 2617psia. SBHT = 182 degf. HUD= 2099 m MDKB				R6
New Perforation Zone = m to m MDKB				R7
Top Shot @ m MDKB				R8
CCL to Top Shot = m				R9
CCL Stop Depth = m MDKB				R10
4.5" Posiset Plug top of Seal Set @ m MDKB				R11
CCL to Top of Seal = m				R12
CCL stop Depth = m MDKB				R13
1m of Cement dumped in 1 Run.				R14
Crew : C Shiells , N Simmons				R17
Other Services				
None				OS1

Frame Summary File: RST_PSP_011LUP Sequence: 3						
Origin: 60						
<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	2100.38	2034.54 m	-60.0 (0.1 in) up	128	TDEP	60B
	6891.00	6675.00 ft				
BOREHOLE-DEPTH	2100.38	2034.57 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	6891.00	6675.08 ft				

File Header		File: PERFO_024LUP	Sequence: 4
Defining Origin: 24			
File ID: PERFO_024LUP		File Type: DEPTH LOG	
Producer Name: Schlumberger		Product/Version: OP 16C0-147	File Set: 41
		File Number: 23	28-FEB-2009 11:34:51
Company Name:	Esso Australia Pty Ltd.		
Well Name:	A-15		
Field Name:	Bream A		
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA		
Computations:	WELLCAD, BORDYN		

Error Summary File: PERFO_024LUP Sequence: 4						
No errors detected in file.						

Well Site Data File: PERFO_024LUP Sequence: 4						
Origin: 24						
Well Data						
Company Name	Esso Australia Pty Ltd.					

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-15	WN
Field Name	Bream A	FN
Rig:	Prod4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AYCW-00005	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	32.0 (deg)	MHD
Elevation of Kelly Bushing	33.5 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	33.5 (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 33.5 (m)		

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

Job Data

Date as Month-Day-Year	27-Feb-2009	DATE
Run Number	1 through 6	RUN
Total Depth – Driller	2099.0 (m)	TDD
Total Depth – Logger	2099.0 (m)	TDL
Bottom Log Interval	2099.0 (m)	BLI
Top Log Interval	1700.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	1783.0 (m)	CDF
Casing Depth To	2147.0 (m)	CADT
Casing Grade	13CR	CASG
Casing Weight	38.6 (lbm/ft)	CWEI
Bit Size	8.00 (in)	BS
Bit Size Depth From	1936.0 (m)	BSDF
Bit Size Depth To	2215.0 (m)	BSDT
Date Logger At Bottom	27-Feb-2009	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert. B Donahoe	ENGI
Witness's Name	B White	WITN
Service Order Number	AYCW-00005	SON
Time Logger At Bottom 14:10		
Logging Unit Location Prod4 / Ausl		

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	182.0 (degF)	MRT
	182.0 (degF)	MRT1
Date Logger At Bottom	27-Feb-2009	DLAB, TLAB
Time Logger At Bottom 14:10		

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 = 32deg @ 1968m MDKB.	R2
Objectives: RST-C Sigma survey from HUD to 2050m MDKB. Making two passes at 900 ft/hr.	R3
Following this survey the well will be re-perforated and watered out zone plugged off with a 4.5" MPBT plug.	R4
The Sum of the two Casing weights 26lb/ft and 12.6lb/ft were used for the RST casing Wieght in the Parameters	R5
RST SURVEY -- SBHP = 2617psia. SBHT = 182 degf. HUD= 2099 m MDKB	R6
New Perforation Zone = 2083 m to 2084 m MDKB	R7
Top Shot @ 2083 m MDKB	R8
CCL to Top Shot = 3.5m	R9
CCL Stop Depth = 2079.5 m MDKB	R10
4.5" Posiset Plug top of Seal Set @ 2095m MDKB	R11
CCL to Top of Seal = 6.8 m	R12
CCL stop Depth = m MDKB	R13
1m of Cement dumped in 1 Run.	R14
Crew : C Shiells , N Simmons	R17

Other Services

None	OS1
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Origin: 24

<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	2083.46 6835.50	2037.44 m 6684.50 ft	-60.0 (0.1 in) up	22	TDEP	60B
BOREHOLE-DEPTH	2083.46 6835.50	2037.46 m 6684.58 ft	-10.0 (0.1 in) up	10	TDEP,1	10B

File Header

File: PERFO_025LUP Sequence: 5

Defining Origin: 24

File ID: PERFO_025LUP	File Type: DEPTH LOG				
Producer Name: Schlumberger	Product/Version: OP 16C0-147	File Set: 41	File Number: 24	28-FEB-2009 11:44:24	
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A-15				
Field Name:	Bream A				
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA				
Computations:	WELLCAD, BORDYN				

Error Summary

File: PERFO_025LUP Sequence: 5

No errors detected in file.

Well Site Data

File: PERFO_025LUP Sequence: 5

Origin: 24

Well Data

Company Name	Esso Australia Pty Ltd.		CN
Well Name	A-15		WN
Field Name	Bream A		FN
Rig:	Prod4 / Crane		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Service Order Number	AYCW-00005		SON
Longitude	147 46'15"E		LONG
Latitude	038 30'04"S		LATI
Maximum Hole Deviation	32.0 (deg)		MHD
Elevation of Kelly Bushing	33.5 (m)		EKB
Elevation of Ground Level	-59.0 (m)		EGL
Elevation of Derrick Floor	33.5 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum 33.5 (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	27-Feb-2009	DATE
Run Number	1 through 6	RUN
Total Depth - Driller	2099.0 (m)	TDD
Total Depth - Logger	2099.0 (m)	TDL
Bottom Log Interval	2099.0 (m)	BLI
Top Log Interval	1700.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	1783.0 (m)	CDF
Casing Depth To	2147.0 (m)	CADT
Casing Grade	13CR	CASG
Casing Weight	38.6 (lbm/ft)	CWEI

Bit Size	8.00 (in)				BS
Bit Size Depth From	1936.0 (m)				BSDF
Bit Size Depth To	2215.0 (m)				BSDT
Date Logger At Bottom	27-Feb-2009	Time Logger At Bottom	14:10		DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	Prod4 / Ausl		LUN, LUL
Engineer's Name	S Gilbert. B Donahoe				ENGI
Witness's Name	B White				WITN
Service Order Number	AYCW-00005				SON
Mud Data					
Drilling Fluid Type	Production Fluids				DFT
Maximum Recorded Temperature	182.0 (degF)				MRT
	182.0 (degF)				MRT1
Date Logger At Bottom	27-Feb-2009	Time Logger At Bottom	14:10		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 = 32deg @ 1968m MDKB.					R2
Objectives: RST-C Sigma survey from HUD to 2050m MDKB. Making two passes at 900 ft/hr.					R3
Following this survey the well will be re-perforated and watered out zone plugged off with a 4.5" MPBT plug.					R4
The Sum of the two Casing weights 26lb/ft and 12.6lb/ft were used for the RST casing Wieght in the Parameters					R5
RST SURVEY -- SBHP = 2617psia. SBHT = 182 degf. HUD= 2099 m MDKB					R6
New Perforation Zone = 2083 m to 2084 m MDKB					R7
Top Shot @ 2083 m MDKB					R8
CCL to Top Shot = 3.5m					R9
CCL Stop Depth = 2079.5 m MDKB					R10
4.5" Posiset Plug top of Seal Set @ 2095m MDKB					R11
CCL to Top of Seal = 6.8 m					R12
CCL stop Depth = m MDKB					R13
1m of Cement dumped in 1 Run.					R14
Crew : C Shiells , N Simmons					R17
Other Services					
None					OS1

Frame Summary	File: PERFO_025LUP	Sequence: 5
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Origin: 24						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2087.58	2038.50 m	-60.0 (0.1 in) up	22	TDEP	60B
	6849.00	6688.00 ft				
BOREHOLE-DEPTH	2087.58	2038.53 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	6849.00	6688.08 ft				

File Header	File: PERFO_026LTP	Sequence: 6
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Defining Origin: 24					
File ID: PERFO_026LTP File Type: STATION					
Producer Name: Schlumberger		Product/Version: OP 16C0-147	File Set: 41	File Number: 25	28-FEB-2009 11:48:04
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A-15				
Field Name:	Bream A				
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA				
Computations:	WELLCAD, BORDYN				

Error Summary	File: PERFO_026LTP	Sequence: 6
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No errors detected in this file					
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Well Site DataFile: **PERFO_026LTP** Sequence: **6****Origin: 24****Well Data**

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-15	WN
Field Name	Bream A	FN
Rig:	Prod4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AYCW-00005	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	32.0 (deg)	MHD
Elevation of Kelly Bushing	33.5 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	33.5 (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 33.5 (m)	

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

Job Data

Date as Month-Day-Year	27-Feb-2009	DATE
Run Number	1 through 6	RUN
Total Depth - Driller	2099.0 (m)	TDD
Total Depth - Logger	2099.0 (m)	TDL
Bottom Log Interval	2099.0 (m)	BLI
Top Log Interval	1700.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	1783.0 (m)	CDF
Casing Depth To	2147.0 (m)	CADT
Casing Grade	13CR	CASG
Casing Weight	38.6 (lbm/ft)	CWEI
Bit Size	8.00 (in)	BS
Bit Size Depth From	1936.0 (m)	BSDF
Bit Size Depth To	2215.0 (m)	BSDT
Date Logger At Bottom	27-Feb-2009	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert. B Donahoe	ENGI
Witness's Name	B White	WITN
Service Order Number	AYCW-00005	SON
	Time Logger At Bottom 14:10	
	Logging Unit Location Prod4 / Ausl	

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	182.0 (degF)	MRT
	182.0 (degF)	MRT1
Date Logger At Bottom	27-Feb-2009	DLAB, TLAB
	Time Logger At Bottom 14:10	

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
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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 = 32deg @ 1968m MDKB.	R2
Objectives: RST-C Sigma survey from HUD to 2050m MDKB. Making two passes at 900 ft/hr.	R3
Following this survey the well will be re-perforated and watered out zone plugged off with a 4.5" MPBT plug.	R4
The Sum of the two Casing weights 26lb/ft and 12.6lb/ft were used for the RST casing Weight in the Parameters	R5
RST SURVEY -- SBHP = 2617psia. SBHT = 182 degf. HUD= 2099 m MDKB	R6
New Perforation Zone = 2083 m to 2084 m MDKB	R7
Top Shot @ 2083 m MDKB	R8
CCL to Top Shot = 3.5m	R9
CCL Stop Depth = 2079.5 m MDKB	R10
4.5" Posiset Plug top of Seal Set @ 2095m MDKB	R11
CCL to Top of Seal = 6.8 m	R12

CCL to Top of Seal = 0.0 m	R12
CCL stop Depth = m MDKB	R13
1m of Cement dumped in 1 Run.	R14
Crew : C Shiells , N Simmons	R17
Other Services	
None	OS1

Frame Summary							File: PERFO_026LTP	Sequence: 6
Origin: 24								
<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	3406.85	6991.85 s	2000.0 (0.5 ms)	7	TIME;2	2000T		
TIME	3406.85	6992.35 s	1000.0 (0.5 ms)	14	TIME;4	1000T		
TIME	3406.85	6992.60 s	500.0 (0.5 ms)	4	TIME;5	500T		

File Header	File: PERFO_034PUP	Sequence: 7
Defining Origin: 117		
File ID: PERFO_034PUP	File Type: PLAYBACK	
Producer Name: Schlumberger	Product/Version: OP 16C0-147	File Set: 41
		File Number: 33
		28-FEB-2009 14:43:58
Company Name:	Esso Australia Pty Ltd.	
Well Name:	A-15	
Field Name:	Bream A	
Tool String:	MWPT-CA, MWGT-AA	
Computations:	WELLCAD, BORDYN	

Error Summary	File: PERFO_034PUP	Sequence: 7
No errors detected in file.		

Well Site Data	File: PERFO_034PUP	Sequence: 7
Origin: 117		
Well Data		
Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-15	WN
Field Name	Bream A	FN
Rig:	Prod4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AYCW-00005	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	32.0 (deg)	MHD
Elevation of Kelly Bushing	33.5 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	33.5 (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	33.5 (m)
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN		

Job Data		
Date as Month-Day-Year	27-Feb-2009	DATE
Run Number	1 through 6	RUN
Total Depth - Driller	2099.0 (m)	TDD
Total Depth - Logger	2099.0 (m)	TDL
Bottom Log Interval	2099.0 (m)	BLI
Top Log Interval	1700.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	1783.0 (m)	CDF
Casing Depth To	2147.0 (m)	CADT
Casing Grade	13CR	CASG
Casing Weight	38.6 (lbm/ft)	CWEI
Bit Size	8.00 (in)	BS
Bit Size Depth From	1936.0 (m)	BSDF
Bit Size Depth To	2215.0 (m)	BSDT

Date Logger At Bottom27-Feb-2009

Logging Unit Number889

Engineer's NameS Gilbert. B Donahoe

Witness's NameB White

Service Order NumberAYCW-00005

Time Logger At Bottom14:10

Logging Unit LocationProd4 / Ausl

DLAB, TLAB

LUN, LUL

ENGI

WITN

SON

Mud Data

Drilling Fluid TypeProduction Fluids

Maximum Recorded Temperature188.0 (degF)

188.0 (degF)

Date Logger At Bottom27-Feb-2009

Time Logger At Bottom14:10

DFT

MRT

MRT1

DLAB, TLAB

Absent Valued Parameters: DFD, DFV, DFL, DFPB, 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 TypePrimary

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 = 32deg @ 1968m MDKB.

Objectives: RST-C Sigma survey from HUD to 2050m MDKB. Making two passes at 900 ft/hr.

Following this survey the well will be re-perforated and watered out zone plugged off with a 4.5" MPBT plug.

The Sum of the two Casing weights 26lb/ft and 12.6lb/ft were used for the RST casing Wiegth in the Parameters

RST SURVEY -- SBHP = 2617psia. SBHT = 182 degf. HUD= 2099 m MDKB

New Perforation Zone = 2083 m to 2084 m MDKB

Top Shot @ 2083 m MDKB

CCL to Top Shot = 3.5m

CCL Stop Depth = 2079.5 m MDKB

4.5" Posiset Plug top of Seal Set @ 2095m MDKB

CCL to Top of Seal = 6.8 m

CCL stop Depth = m MDKB

1m of Cement dumped in 1 Run.

Crew : C Shiells , N Simmons

R1

R2

R3

R4

R5

R6

R7

R8

R9

R10

R11

R12

R13

R14

R17

Other Services

None

OS1

Frame Summary File: PERFO_034PUP Sequence: 7						
Origin: 117						
<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	2097.79	1739.65 m	-60.0 (0.1 in) up	22	TDEP	60B
	6882.50	5707.50 ft				
BOREHOLE-DEPTH	2097.79	1739.82 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	6882.50	5708.08 ft				

File Header

File: MPBT_044LUP Sequence: 8

Defining Origin: 102

File ID: MPBT_044LUP File Type: DEPTH LOG

Producer Name: Schlumberger Product/Version: OP 16C0-147 File Set: 41 File Number: 43 28-FEB-2009 16:34:09

Company Name: Esso Australia Pty Ltd.

Well Name: A-15

Field Name: Bream A

Tool String: MPEX-AA, MPSU-BA, CCL-PCC

Computations: WELLCAD

Error Summary

File: MPBT_044LUP Sequence: 8

Origin: 102

Well Data

Company Name	Esso Australia Pty Ltd.		CN
Well Name	A-15		WN
Field Name	Bream A		FN
Rig:	Prod4 / Crane		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Service Order Number	AYCW-00005		SON
Longitude	147 46'15"E		LONG
Latitude	038 30'04"S		LATI
Maximum Hole Deviation	32.0 (deg)		MHD
Elevation of Kelly Bushing	33.5 (m)		EKB
Elevation of Ground Level	-59.0 (m)		EGL
Elevation of Derrick Floor	33.5 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum 33.5 (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	27-Feb-2009		DATE
Run Number	1 through 6		RUN
Total Depth - Driller	2099.0 (m)		TDD
Total Depth - Logger	2099.0 (m)		TDL
Bottom Log Interval	2099.0 (m)		BLI
Top Log Interval	1700.0 (m)		TLI
Current Casing Size	4.50 (in)		CSIZ
Casing Depth From	1783.0 (m)		CDF
Casing Depth To	2147.0 (m)		CADT
Casing Grade	13CR		CASG
Casing Weight	38.6 (lbm/ft)		CWEI
Bit Size	8.00 (in)		BS
Bit Size Depth From	1936.0 (m)		BSDF
Bit Size Depth To	2215.0 (m)		BSDT
Date Logger At Bottom	27-Feb-2009	Time Logger At Bottom 14:10	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location Prod4 / Ausl	LUN, LUL
Engineer's Name	S Gilbert. B Donahoe		ENGI
Witness's Name	B White		WITN
Service Order Number	AYCW-00005		SON

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	188.0 (degF)		MRT
	188.0 (degF)		MRT1
Date Logger At Bottom	27-Feb-2009	Time Logger At Bottom 14:10	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 = 32deg @ 1968m MDKB.		R2
Objectives: RST-C Sigma survey from HUD to 2050m MDKB. Making two passes at 900 ft/hr.		R3
Following this survey the well will be re-perforated and watered out zone plugged off with a 4.5" MPBT plug.		R4
The Sum of the two Casing weights 26lb/ft and 12.6lb/ft were used for the RST casing Wiegth in the Parameters		R5
RST SURVEY -- SBHP = 2617psia. SBHT = 182 degf. HUD= 2099 m MDKB		R6
New Perforation Zone = 2083 m to 2084 m MDKB		R7
Top Shot @ 2083 m MDKB		R8
CCL to Top Shot = 3.5m		R9
CCL Stop Depth = 2079.5 m MDKB		R10
4.5" Posiset Plug top of Seal Set @ 2095m MDKB		R11

CCL to Top of Seal = 6.8 m CCL stop Depth = 2088.2m MDKB 1m of Cement dumped in 1 Run. Crew : C Shiells , N Simmons						R12 R13 R14 R17
Other Services None						OS1
Frame Summary File: MPBT_044LUP Sequence: 8						
Origin: 102						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2068.37 6786.00	2022.35 m 6635.00 ft	-60.0 (0.1 in) up	7	TDEP	60B
BOREHOLE-DEPTH	2068.37 6786.00	2022.22 m 6634.58 ft	-10.0 (0.1 in) up	7	TDEP;1	10B
File Header File: MPBT_045LUP Sequence: 9						
Defining Origin: 102						
File ID: MPBT_045LUP File Type: DEPTH LOG						
Producer Name: Schlumberger		Product/Version: OP 16C0-147		File Set: 41	File Number: 44	28-FEB-2009 16:51:06
Company Name:	Esso Australia Pty Ltd.					
Well Name:	A-15					
Field Name:	Bream A					
Tool String:	MPEX-AA, MPSU-BA, CCL-PCC					
Computations:	WELLCAD					
Error Summary File: MPBT_045LUP Sequence: 9						
No errors detected in file.						
Well Site Data File: MPBT_045LUP Sequence: 9						
Origin: 102						
Well Data						
Company Name	Esso Australia Pty Ltd.					CN
Well Name	A-15					WN
Field Name	Bream A					FN
Rig:	Prod4 / Crane					CLAB, COUN
State:	Victoria					SLAB, STAT
Nation	Australia					NATI
Field Location	Gippsland					FL
	Basin					FL1
	Bass Strait					FL2
Service Order Number	AYCW-00005					SON
Longitude	147 46'15"E					LONG
Latitude	038 30'04"S					LATI
Maximum Hole Deviation	32.0 (deg)					MHD
Elevation of Kelly Bushing	33.5 (m)					EKB
Elevation of Ground Level	-59.0 (m)					EGL
Elevation of Derrick Floor	33.5 (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	27-Feb-2009					DATE
Run Number	1 through 6					RUN
Total Depth - Driller	2099.0 (m)					TDD
Total Depth - Logger	2099.0 (m)					TDL
Bottom Log Interval	2099.0 (m)					BLI

Top Log Interval

Current Casing Size

Casing Depth From

Casing Depth To

Casing Grade

Casing Weight

Bit Size

Bit Size Depth From

Bit Size Depth To

Date Logger At Bottom

Logging Unit Number

Engineer's Name

Witness's Name

Service Order Number

1700.0 (m)

4.50 (in)

1783.0 (m)

2147.0 (m)

13CR

38.6 (lbm/ft)

8.00 (in)

1936.0 (m)

2215.0 (m)

27-Feb-2009

889

S Gilbert. B Donahoe

B White

AYCW-00005

TLI

CSIZ

CDF

CADT

CASG

CWEI

BS

BSDF

BSDT

DLAB, TLAB

LUN, LUL

ENGI

WITN

SON

Mud Data

Drilling Fluid Type

Maximum Recorded Temperature

Date Logger At Bottom

Production Fluids

188.0 (degF)

188.0 (degF)

27-Feb-2009

Time Logger At Bottom

14:10

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

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

Remarks

Log correlated to ExxonMobil composite supplied with logging program.

Maximum well deviation = 32deg @ 1968m MDKB.

Objectives: RST-C Sigma survey from HUD to 2050m MDKB. Making two passes at 900 ft/hr.

Following this survey the well will be re-perforated and watered out zone plugged off with a 4.5" MPBT plug.

The Sum of the two Casing weights 26lb/ft and 12.6lb/ft were used for the RST casing Wieght in the Parameters

RST SURVEY -- SBHP = 2617psia. SBHT = 182 degf. HUD= 2099 m MDKB

New Perforation Zone = 2083 m to 2084 m MDKB

Top Shot @ 2083 m MDKB

CCL to Top Shot = 3.5m

CCL Stop Depth = 2079.5 m MDKB

4.5" Posiset Plug top of Seal Set @ 2095m MDKB

CCL to Top of Seal = 6.8 m

CCL stop Depth = 2088.2m MDKB

1m of Cement dumped in 1 Run.

Crew : C Shiells , N Simmons

R1

R2

R3

R4

R5

R6

R7

R8

R9

R10

R11

R12

R13

R14

R17

Other Services

None

OS1

Frame Summary

File: MPBT_045LUP

Sequence: 9

Origin: 102

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	12192.00	11978.49 m	-60.0 (0.1 in) up	7	TDEP	60B
	40000.00	39299.50 ft				
BOREHOLE-DEPTH	12192.00	11978.36 m	-10.0 (0.1 in) up	4	TDEP;1	10B
	40000.00	39299.08 ft				

File Header

File: MPBT_046LUP

Sequence: 10

Defining Origin: 102

File ID: MPBT_046LUP

File Type: DEPTH LOG

Producer Name: Schlumberger

Product/Version: OP 16C0-147

File Set: 41

File Number: 45

28-FEB-2009 17:06:07

Company Name:

Well Name:

Field Name:

Tool String:

Computations:

Esso Australia Pty Ltd.

A-15

Bream A

MPEX-AA, MPSU-BA, CCL-PCC

WELLCAD

Error Summary

File: MPBT_046LUP

Sequence: 10

No errors detected in file.

Origin: 102

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-15	WN
Field Name	Bream A	FN
Rig:	Prod4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AYCW-00005	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	32.0 (deg)	MHD
Elevation of Kelly Bushing	33.5 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	33.5 (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 33.5 (m)		

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

Job Data

Date as Month-Day-Year	27-Feb-2009	DATE
Run Number	1 through 6	RUN
Total Depth - Driller	2099.0 (m)	TDD
Total Depth - Logger	2099.0 (m)	TDL
Bottom Log Interval	2099.0 (m)	BLI
Top Log Interval	1700.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	1783.0 (m)	CDF
Casing Depth To	2147.0 (m)	CADT
Casing Grade	13CR	CASG
Casing Weight	38.6 (lbm/ft)	CWEI
Bit Size	8.00 (in)	BS
Bit Size Depth From	1936.0 (m)	BSDF
Bit Size Depth To	2215.0 (m)	BSDT
Date Logger At Bottom	27-Feb-2009	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert. B Donahoe	ENGI
Witness's Name	B White	WITN
Service Order Number	AYCW-00005	SON
Time Logger At Bottom 14:10		
Logging Unit Location Prod4 / Ausl		

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	188.0 (degF)	MRT
	188.0 (degF)	MRT1
Date Logger At Bottom	27-Feb-2009	DLAB, TLAB
Time Logger At Bottom 14:10		

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 = 32deg @ 1968m MDKB.	R2
Objectives: RST-C Sigma survey from HUD to 2050m MDKB. Making two passes at 900 ft/hr.	R3
Following this survey the well will be re-perforated and watered out zone plugged off with a 4.5" MPBT plug.	R4
The Sum of the two Casing weights 26lb/ft and 12.6lb/ft were used for the RST casing Wieght in the Parameters	R5
RST SURVEY -- SBHP = 2617psia. SBHT = 182 degf. HUD= 2099 m MDKB	R6
New Perforation Zone = 2083 m to 2084 m MDKB	R7
Top Shot @ 2083 m MDKB	R8
CCL to Top Shot = 3.5m	R9
CCL Stop Depth = 2079.5 m MDKB	R10
4.5" Posiset Plug top of Seal Set @ 2095m MDKB	R11
CCL to Top of Seal = 6.8 m	R12
CCL stop Depth = 2088.2m MDKB	R13

CCL Stop Depth = 2000.2m MDND	R13
1m of Cement dumped in 1 Run.	R14
Crew : C Shiells , N Simmons	R17
Other Services	
None	OS1

Frame Summary							File: MPBT_046LUP	Sequence: 10
Origin: 102								
<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	2088.18	2020.98 m	-60.0 (0.1 in) up	7	TDEP	60B		
	6851.00	6630.50 ft						
BOREHOLE-DEPTH	2088.18	2021.00 m	-10.0 (0.1 in) up	7	TDEP;1	10B		
	6851.00	6630.58 ft						

File Header	File: PERFO_056LUP	Sequence: 11
Defining Origin: 82		
File ID: PERFO_056LUP	File Type: DEPTH LOG	
Producer Name: Schlumberger	Product/Version: OP 16C0-147	File Set: 41
		File Number: 55
		1-MAR-2009 7:54:04
Company Name:	Esso Australia Pty Ltd.	
Well Name:	A-15	
Field Name:	Bream A	
Tool String:	SHM_GUN, CCL-L	
Computations:	WELLCAD	

Error Summary	File: PERFO_056LUP	Sequence: 11
No errors detected in file.		

Well Site Data	File: PERFO_056LUP	Sequence: 11
Origin: 82		
Well Data		
Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-15	WN
Field Name	Bream A	FN
Rig:	Prod4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AYCW-00005	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	32.0 (deg)	MHD
Elevation of Kelly Bushing	33.5 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	33.5 (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 33.5 (m)	
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN		
Job Data		
Date as Month-Day-Year	27-Feb-2009	DATE
Run Number	1 through 6	RUN
Total Depth - Driller	2099.0 (m)	TDD
Total Depth - Logger	2099.0 (m)	TDL
		RA

Bottom Log Interval	2099.0 (m)			BL
Top Log Interval	1700.0 (m)			TLI
Current Casing Size	4.50 (in)			CSIZ
Casing Depth From	1783.0 (m)			CDF
Casing Depth To	2147.0 (m)			CADT
Casing Grade	13CR			CASG
Casing Weight	38.6 (lbm/ft)			CWEI
Bit Size	8.00 (in)			BS
Bit Size Depth From	1936.0 (m)			BSDF
Bit Size Depth To	2215.0 (m)			BSDT
Date Logger At Bottom	27-Feb-2009	Time Logger At Bottom	14:10	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	Prod4 / Ausl	LUN, LUL
Engineer's Name	S Gilbert. B Donahoe			ENGI
Witness's Name	B White			WITN
Service Order Number	AYCW-00005			SON

Mud Data

Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	188.0 (degF)			MRT
	188.0 (degF)			MRT1
Date Logger At Bottom	27-Feb-2009	Time Logger At Bottom	14:10	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 = 32deg @ 1968m MDKB.	R2
Objectives: RST-C Sigma survey from HUD to 2050m MDKB. Making two passes at 900 ft/hr.	R3
Following this survey the well will be re-perforated and watered out zone plugged off with a 4.5" MPBT plug.	R4
The Sum of the two Casing weights 26lb/ft and 12.6lb/ft were used for the RST casing Wieght in the Parameters	R5
RST SURVEY -- SBHP = 2617psia. SBHT = 182 degf. HUD= 2099 m MDKB	R6
New Perforation Zone = 2083 m to 2084 m MDKB	R7
Top Shot @ 2083 m MDKB	R8
CCL to Top Shot = 3.5m	R9
CCL Stop Depth = 2079.5 m MDKB	R10
4.5" Posiset Plug top of Seal Set @ 2095m MDKB	R11
CCL to Top of Seal = 6.8 m	R12
CCL stop Depth = 2088.2m MDKB	R13
1m of Cement dumped in 1 Run.	R14
Crew : C Shiells , N Simmons	R17

Other Services

None	OS1
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Frame Summary File: PERFO_056LUP Sequence: 11

Origin: 82

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2089.71	2041.55 m	-60.0 (0.1 in) up	7	TDEP	60B
	6856.00	6698.00 ft				
BOREHOLE-DEPTH	2089.71	2041.58 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	6856.00	6698.08 ft				

File Header File: PERFO_059LUP Sequence: 12

Defining Origin: 82

File ID: PERFO_059LUP	File Type: DEPTH LOG				
Producer Name: Schlumberger	Product/Version: OP 16C0-147	File Set: 41	File Number: 58	1-MAR-2009	9:32:07
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A-15				
Field Name:	Bream A				
Tool String:	SHM_GUN, CCL-L				
Computations:	WELLCAD				

Error Summary	File: PERFO_059LUP	Sequence: 12
No errors detected in file.		

Well Site Data	File: PERFO_059LUP	Sequence: 12
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Origin: 82

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-15	WN
Field Name	Bream A	FN
Rig:	Prod4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AYCW-00005	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	32.0 (deg)	MHD
Elevation of Kelly Bushing	33.5 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	33.5 (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 33.5 (m)	

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

Job Data

Date as Month-Day-Year	27-Feb-2009	DATE
Run Number	1 through 6	RUN
Total Depth - Driller	2099.0 (m)	TDD
Total Depth - Logger	2099.0 (m)	TDL
Bottom Log Interval	2099.0 (m)	BLI
Top Log Interval	1700.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	1783.0 (m)	CDF
Casing Depth To	2147.0 (m)	CADT
Casing Grade	13CR	CASG
Casing Weight	38.6 (lbm/ft)	CWEI
Bit Size	8.00 (in)	BS
Bit Size Depth From	1936.0 (m)	BSDF
Bit Size Depth To	2215.0 (m)	BSDT
Date Logger At Bottom	27-Feb-2009	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert. B Donahoe	ENGI
Witness's Name	B White	WITN
Service Order Number	AYCW-00005	SON
	Time Logger At Bottom 14:10	
	Logging Unit Location Prod4 / Ausl	

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	188.0 (degF)	MRT
	188.0 (degF)	MRT1
Date Logger At Bottom	27-Feb-2009	DLAB, TLAB
	Time Logger At Bottom 14:10	

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 = 32deg @ 1968m MDKB.	R2
Objectives: RST-C Sigma survey from HUD to 2050m MDKB. Making two passes at 900 ft/hr.	R3
Following this survey the well will be re-perforated and watered out zone plugged off with a 4.5" MPBT plug.	R4
The Sum of the two Casing weights 26lb/ft and 12.6lb/ft were used for the RST casing Weight in the Parameters	R5

RST SURVEY -- SBHP = 2617psia. SBHT = 182 degf. HUD= 2099 m MDKB
New Perforation Zone = 2083 m to 2084 m MDKB
Top Shot @ 2083 m MDKB
CCL to Top Shot = 3.5m
CCL Stop Depth = 2079.5 m MDKB
4.5" Posiset Plug top of Seal Set @ 2095m MDKB
CCL to Top of Seal = 6.8 m
CCL stop Depth = 2088.2m MDKB
1m of Cement dumped in 1 Run.
Crew : C Shiells , N Simmons

R6
R7
R8
R9
R10
R11
R12
R13
R14
R17

Other Services
None

OS1

Frame Summary

File: PERFO_059LUP

Sequence: 12

Origin: 82

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2090.17	2038.35 m	-60.0 (0.1 in) up	7	TDEP	60B
	6857.50	6687.50 ft				
BOREHOLE-DEPTH	2090.17	2038.38 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	6857.50	6687.58 ft				