

Input Source: D:\OP_Folder\Clients\Eso2008\BMA_A16\GUN\COMP_BMA16PP_COMP_069.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **PERFO_027PUP** Sequence: **1**

Defining Origin: 10

File ID: PERFO_027PUP File Type: PLAYBACK

Producer Name: Schlumberger

Product/Version: OP 15C0-309

File Set: 41

File Number: 26

5-MAY-2008 9:05:12

Company Name: Esso Australia Pty Ltd.

Well Name: A-16

Field Name: Bream A

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

Computations: WELLCAD, BORDYN

Error Summary File: **PERFO_027PUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **PERFO_027PUP** Sequence: **1**

Origin: 10

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-16	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	AusI07509100	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	92.0 (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	5-May-2008	DATE
Run Number	1 thru 3	RUN
Total Depth - Driller	2718.0 (m)	TDD
Total Depth - Logger	2716.0 (m)	TDL
Bottom Log Interval	2710.0 (m)	BLI
Top Log Interval	2650.0 (m)	TLI
Current Casing Size	5.50 (in)	CSIZ
Casing Depth From	2422.0 (m)	CDF
Casing Depth To	3497.0 (m)	CADT
Casing Grade	N-80	CASG
Casing Weight	17.0 (lbm/ft)	CWEI
Bit Size	6.75 (in)	BS
Bit Size Depth From	2422.0 (m)	BSDF
Bit Size Depth To	3497.0 (m)	BSDT
Date Logger At Bottom	5-May-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	G Wright & O Darby	ENGI
Witness's Name	B White & J Dean	WITN
Service Order Number	AusI07509100	SON

Time Logger At Bottom 9:30

Logging Unit Location Prod4 / AusI

Mud Data

Mud Data		Production Fluids		DFT
Drilling Fluid Type		208.0 (degF)		MRT
Maximum Recorded Temperature		208.0 (degF)		MRT1
Date Logger At Bottom	5-May-2008	Time Logger At Bottom	9:30	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 = 92 degrees at 3398 MDKB.				R2
Objective:				R3
RIH with perforating gun, correlate guns on depth to Solar composite log.				R4
Locate gun over perforation interval = 2695.4m – 2700.3m attempt to create a				R5
300 psi underbalance whilst maintaining the gun at the desired depth, record				R6
static bottom hole pres/ temp, perforate, flow the well for 15 mins after				R7
perforation and record flowing pres/ temp.				R8
SBHT = XXX DegF, SBHP = XXXXX Psi / FBHT = XXX DegF, FBHP XXXXX Psi				R9
MPBT Plug				R10
RIH with dummy plug toolstring incorporating GR–CCL ensure access to plug				R11
setting depth. Run MPBT toolstring in hole with a 5 1/2" plug set with the plugs				R12
top sealing element at approximately 2706.0m MDKB.				R13
RIH with dump balier toolstring and lightly tag MPBT plug pull up one meter				R14
and release water / cement leaving approximately 1.0m of cement on the plug.				R15
Crew : J Light, P Lawrence, J Annear, A McLeallan				R17
Other Services				
None				OS1

Frame Summary		File: PERFO_027PUP	Sequence: 1			
Origin: 10						
<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	2715.16	2661.06 m	-60.0 (0.1 in) up	22	TDEP	60B
	8908.00	8730.50 ft				
BOREHOLE-DEPTH	2715.16	2661.23 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	8908.00	8731.08 ft				

File Header		File: PERFO_028LUP	Sequence: 2
Defining Origin: 10			
File ID: PERFO_028LUP		File Type: DEPTH LOG	
Producer Name: Schlumberger		Product/Version: OP 15C0-309	File Set: 41
		File Number: 27	5-MAY-2008 9:11:40
Company Name:	Esso Australia Pty Ltd.		
Well Name:	A-16		
Field Name:	Bream A		
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA		
Computations:	WELLCAD, BORDYN		

Error Summary		File: PERFO_028LUP	Sequence: 2
No errors detected in file.			

Well Site Data		File: PERFO_028LUP	Sequence: 2
Origin: 10			

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-16	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	Ausl07509100	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	92.0 (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	5-May-2008	DATE
Run Number	1 thru 3	RUN
Total Depth - Driller	2718.0 (m)	TDD
Total Depth - Logger	2716.0 (m)	TDL
Bottom Log Interval	2710.0 (m)	BLI
Top Log Interval	2650.0 (m)	TLI
Current Casing Size	5.50 (in)	CSIZ
Casing Depth From	2422.0 (m)	CDF
Casing Depth To	3497.0 (m)	CADT
Casing Grade	N-80	CASG
Casing Weight	17.0 (lbm/ft)	CWEI
Bit Size	6.75 (in)	BS
Bit Size Depth From	2422.0 (m)	BSDF
Bit Size Depth To	3497.0 (m)	BSDT
Date Logger At Bottom	5-May-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	G Wright & O Darby	ENGI
Witness's Name	B White & J Dean	WITN
Service Order Number	Ausl07509100	SON
	Time Logger At Bottom 9:30	
	Logging Unit Location Prod4 / Ausl	

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	208.0 (degF)	MRT
	208.0 (degF)	MRT1
Date Logger At Bottom	5-May-2008	DLAB, TLAB
	Time Logger At Bottom 9:30	

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

PVT Data

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

Cement Data

Cement Job Type	Primary	CJT
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Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA

Remarks

Log correlated to ExxonMobil composite supplied with logging program.	R1
Maximum well deviation = 92 degrees at 3398 MDKB.	R2
Objective:	R3
RIH with perforating gun, correlate guns on depth to Solar composite log.	R4
Locate gun over perforation interval = 2695.4m - 2700.3m attempt to create a	R5
300 psi underbalance whilst maintaining the gun at the desired depth, record	R6
static bottom hole pres/ temp, perforate, flow the well for 15 mins after	R7
perforation and record flowing pres/ temp.	R8
SBHT = XXX DegF, SBHP = XXXXX Psi / FBHT = XXX DegF, FBHP XXXXX Psi	R9
MPBT Plug	R10
RIH with dummy plug toolstring incorporating GR-CCL ensure access to plug	R11
setting depth. Run MPBT toolstring in hole with a 5 1/2" plug set with the plugs	R12
top sealing element at approximately 2706.0m MDKB.	R13
RIH with dump balier toolstring and lightly tag MPBT plug pull up one meter	R14
and release water / cement leaving approximately 1.0m of cement on the plug.	R15
Crew : J Light, P Lawrence, J Annear, A McLeallan	R17

Other Services

File Header		File: PERFO_029LTP	Sequence: 3		
Defining Origin: 10					
File ID: PERFO_029LTP File Type: STATION					
Producer Name: Schlumberger		Product/Version: OP 15C0-309	File Set: 41	File Number: 28	5-MAY-2008 9:18:08
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A-16				
Field Name:	Bream A				
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA				
Computations:	WELLCAD, BORDYN				

Well Site Data		File: PERFO_029LTP	Sequence: 3
Origin: 10			
Well Data			
Company Name	Esso Australia Pty Ltd.		CN
Well Name	A-16		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	Ausl07509100		SON
Longitude	147 46'15"E		LONG
Latitude	038 30'04"S		LATI
Maximum Hole Deviation	92.0 (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	5-May-2008		DATE
Run Number	1 thru 3		RUN
Total Depth - Driller	2718.0 (m)		TDD
Total Depth - Logger	2716.0 (m)		TDL
Bottom Log Interval	2710.0 (m)		BLI
Top Log Interval	2650.0 (m)		TLI
Current Casing Size	5.50 (in)		CSIZ
Casing Depth From	2422.0 (m)		CDF
Casing Depth To	3497.0 (m)		CADT
Casing Grade	N-80		CASG
Casing Weight	17.0 (lbm/ft)		CWEI
Bit Size	6.75 (in)		BS

Bit Size Depth From	2422.0 (m)			BSDf
Bit Size Depth To	3497.0 (m)			BSDT
Date Logger At Bottom	5-May-2008	Time Logger At Bottom	9:30	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	Prod4 / Ausl	LUN, LUL
Engineer's Name	G Wright & O Darby			ENGI
Witness's Name	B White & J Dean			WITN
Service Order Number	Ausl07509100			SON
Mud Data				
Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	208.0 (degF)			MRT
	208.0 (degF)			MRT1
Date Logger At Bottom	5-May-2008	Time Logger At Bottom	9:30	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 = 92 degrees at 3398 MDKB.				R2
Objective:				R3
RIH with perforating gun, correlate guns on depth to Solar composite log.				R4
Locate gun over perforation interval = 2695.4m – 2700.3m attempt to create a				R5
300 psi underbalance whilst maintaining the gun at the desired depth, record				R6
static bottom hole pres/ temp, perforate, flow the well for 15 mins after				R7
perforation and record flowing pres/ temp.				R8
SBHT = XXX DegF, SBHP = XXXXX Psi / FBHT = XXX DegF, FBHP XXXXX Psi				R9
MPBT Plug				R10
RIH with dummy plug toolstring incorporating GR–CCL ensure access to plug				R11
setting depth. Run MPBT toolstring in hole with a 5 1/2" plug set with the plugs				R12
top sealing element at approximately 2706.0m MDKB.				R13
RIH with dump balier toolstring and lightly tag MPBT plug pull up one meter				R14
and release water / cement leaving approximately 1.0m of cement on the plug.				R15
Crew : J Light, P Lawrence, J Annear, A McLeallan				R17
Other Services				
None				OS1

Frame Summary File: PERFO_029LTP Sequence: 3						
Origin: 10						
<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	4661.81	7078.81 s	2000.0 (0.5 ms)	7	TIME;2	2000T
TIME	4661.81	7078.81 s	1000.0 (0.5 ms)	14	TIME;4	1000T
TIME	4661.81	7078.81 s	500.0 (0.5 ms)	4	TIME;5	500T

File Header File: PERFO_033PUP Sequence: 4						
Defining Origin: 57						
File ID: PERFO_033PUP File Type: PLAYBACK						
Producer Name: Schlumberger		Product/Version: OP 15C0–309		File Set: 41	File Number: 32	5–MAY–2008 13:18:26
Company Name:	Esso Australia Pty Ltd.					
Well Name:	A–16					
Field Name:	Bream A					
Tool String:	MWP_GUN, MWPT–CA, MWGT–A^					
Computations:	WELLCAD, BORDYN					

Error Summary File: PERFO_033PUP Sequence: 4		
No errors detected in file.		

Well Site Data File: PERFO_033PUP Sequence: 4						
Origin: 57						
Well Data						
Company Name	Esso Australia Pty l td					CN

Well Name	A-16		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	AusI07509100		SON
Longitude	147 46'15"E		LONG
Latitude	038 30'04"S		LATI
Maximum Hole Deviation	92.0 (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	5–May–2008		DATE
Run Number	1 thru 3		RUN
Total Depth – Driller	2718.0 (m)		TDD
Total Depth – Logger	2716.0 (m)		TDL
Bottom Log Interval	2710.0 (m)		BLI
Top Log Interval	2650.0 (m)		TLI
Current Casing Size	5.50 (in)		CSIZ
Casing Depth From	2422.0 (m)		CDF
Casing Depth To	3497.0 (m)		CADT
Casing Grade	N–80		CASG
Casing Weight	17.0 (lbm/ft)		CWEI
Bit Size	6.75 (in)		BS
Bit Size Depth From	2422.0 (m)		BSDF
Bit Size Depth To	3497.0 (m)		BSDT
Date Logger At Bottom	5–May–2008	Time Logger At Bottom 9:30	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location Prod4 / AusI	LUN, LUL
Engineer's Name	G Wright & O Darby		ENGI
Witness's Name	B White & J Dean		WITN
Service Order Number	AusI07509100		SON

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	208.0 (degF)		MRT
	208.0 (degF)		MRT1
Date Logger At Bottom	5–May–2008	Time Logger At Bottom 9:30	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 = 92 degrees at 3398 MDKB.		R2
Objective:		R3
RIH with perforating gun, correlate guns on depth to Solar composite log.		R4
Locate gun over perforation interval = 2695.4m – 2700.3m attempt to create a		R5
300 psi underbalance whilst maintaining the gun at the desired depth, record		R6
static bottom hole pres/ temp, perforate, flow the well for 15 mins after		R7
perforation and record flowing pres/ temp.		R8
SBHT = 209 DegF, SBHP = 2596 Psi / FBHT = 211 DegF, FBHP 2596 Psi		R9
MPBT Plug		R10
RIH with dummy plug toolstring incorporating GR–CCL ensure access to plug		R11
setting depth. Run MPBT toolstring in hole with a 5 1/2" plug set with the plugs		R12
top sealing element at approximately 2706.0m MDKB.		R13
RIH with dump balier toolstring and lightly tag MPBT plug pull up one meter		R14
and release water / cement leaving approximately 1.0m of cement on the plug.		R15
Crew : J Light, P Lawrence, J Annear, A McLeallan		R17

Other Services

None		OS1
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Frame Summary

File: PERFO_033PUP

Sequence: 4

Origin: 57

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2726.89	2644.44 m	-60.0 (0.1 in) up	22	TDEP	60B
	8946.50	8676.00 ft				
BOREHOLE-DEPTH	2726.89	2644.62 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	8946.50	8676.58 ft				

File Header		File: MPBT_049LUP		Sequence: 5	
Defining Origin: 109					
File ID: MPBT_049LUP File Type: DEPTH LOG					
Producer Name: Schlumberger		Product/Version: OP 15C0-309		File Set: 41	File Number: 48 6-MAY-2008 8:14:46
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A-16				
Field Name:	Bream A				
Tool String:	MPEX-AA, MPSU-CA, CCL-I				
Computations:	WELLCAD, BORDYN				

Error Summary	File: MPBT_049LUP	Sequence: 5
No errors detected in file.		

Well Site Data

File: MPBT_049LUP

Sequence: 5

Origin: 109

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-16	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
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	92.0 (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, SON		

Job Data

Date as Month-Day-Year	5-May-2008	DATE
Run Number	1 thru 3	RUN
Total Depth – Driller	3481.2 (m)	TDD
Total Depth – Logger	2736.0 (m)	TDL
Bottom Log Interval	2700.3 (m)	BLI
Top Log Interval	2695.4 (m)	TLI
Current Casing Size	5.50 (in)	CSIZ
Casing Depth From	2422.0 (m)	CDF
Casing Depth To	3497.0 (m)	CADT
Casing Grade	N-80	CASG
Casing Weight	17.0 (lbm/ft)	CWEI
Bit Size	6.75 (in)	BS

Bit Size Depth From	2422.0 (m)			BSDF
Bit Size Depth To	3497.0 (m)			BSDT
Date Logger At Bottom	5-May-2008	Time Logger At Bottom	8:00	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	Prod4 / Ausl	LUN, LUL
Engineer's Name	G Wright & O Darby			ENGI
Witness's Name	B White, J Dean			WITN
Absent Valued Parameters: SON				
Mud Data				
Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	208.0 (degF)			MRT
	208.0 (degF)			MRT1
Date Logger At Bottom	5-May-2008	Time Logger At Bottom	8:00	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 = 92 degrees at 3398 MDKB.				R2
Objective:				R3
RIH with perforating gun, correlate guns on depth to Solar composite log.				R4
Locate gun over perforation interval = 2695.4m – 2700.3m attempt to create a				R5
300 psi underbalance whilst maintaining the gun at the desired depth, record				R6
static bottom hole pres/ temp, perforate, flow the well for 15 mins after				R7
perforation and record flowing pres/ temp.				R8
SBHT = XXX DegF, SBHP = XXXXX Psi / FBHT = XXX DegF, FBHP XXXXX Psi				R9
MPBT Plug				R10
RIH with dummy plug toolstring incorporating GR-CCL ensure access to plug				R11
setting depth. Run MPBT toolstring in hole with a 5 1/2" plug set with the plugs				R12
top sealing element at approximately 2706.0m MDKB.				R13
RIH with dump balier toolstring and lightly tag MPBT plug pull up one meter				R14
and release water / cement leaving approximately 1.0m of cement on the plug.				R15
Crew : J Light, P Lawrence, J Annear, A McLeallan				R17
Other Services				
None				OS1

Frame Summary

File: MPBT_049LUP

Sequence: 5

Origin: 109						
<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	2703.58	2647.19 m	-60.0 (0.1 in) up	11	TDEP	60B
	8870.00	8685.00 ft				
BOREHOLE-DEPTH	2703.58	2647.21 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	8870.00	8685.08 ft				

File Header

File: MPBT_051LUP

Sequence: 6

Defining Origin: 109				
File ID: MPBT_051LUP File Type: DEPTH LOG				
Producer Name: Schlumberger		Product/Version: OP 15C0-309	File Set: 41	File Number: 50
				6-MAY-2008 8:26:03
Company Name:	Esso Australia Pty Ltd.			
Well Name:	A-16			
Field Name:	Bream A			
Tool String:	MPEX-AA, MPSU-CA, CCL-I			
Computations:	WELLCAD, BORDYN			

Error Summary

File: MPBT_051LUP

Sequence: 6

No errors detected in file

Well Site DataFile: **MPBT_051LUP** Sequence: **6****Origin: 109****Well Data**

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-16	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
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	92.0 (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, SON

Job Data

Date as Month-Day-Year	5-May-2008	DATE
Run Number	1 thru 3	RUN
Total Depth - Driller	3481.2 (m)	TDD
Total Depth - Logger	2736.0 (m)	TDL
Bottom Log Interval	2700.3 (m)	BLI
Top Log Interval	2695.4 (m)	TLI
Current Casing Size	5.50 (in)	CSIZ
Casing Depth From	2422.0 (m)	CDF
Casing Depth To	3497.0 (m)	CADT
Casing Grade	N-80	CASG
Casing Weight	17.0 (lbm/ft)	CWEI
Bit Size	6.75 (in)	BS
Bit Size Depth From	2422.0 (m)	BSDF
Bit Size Depth To	3497.0 (m)	BSDT
Date Logger At Bottom	5-May-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	G Wright & O Darby	ENGI
Witness's Name	B White, J Dean	WITN
	Time Logger At Bottom 8:00	
	Logging Unit Location Prod4 / Ausl	

Absent Valued Parameters: SON

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	208.0 (degF)	MRT
	208.0 (degF)	MRT1
Date Logger At Bottom	5-May-2008	DLAB, TLAB
	Time Logger At Bottom 8:00	

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 = 92 degrees at 3398 MDKB.	R2
Objective:	R3
RIH with perforating gun, correlate guns on depth to Solar composite log.	R4
Locate gun over perforation interval = 2695.4m - 2700.3m attempt to create a	R5
300 psi underbalance whilst maintaining the gun at the desired depth, record	R6
static bottom hole pres/ temp, perforate, flow the well for 15 mins after	R7
perforation and record flowing pres/ temp.	R8
SBHT = XXX DegF, SBHP = XXXXX Psi / FBHT = XXX DegF, FBHP XXXXX Psi	R9
MPBT Plug	R10
RIH with dummy plug toolstring incorporating GR-CCL ensure access to plug	R11
setting depth. Run MPBT toolstring in hole with a 5 1/2" plug set with the plugs	R12

top sealing element at approximately 2706.0m MDKB.
RIH with dump balier toolstring and lightly tag MPBT plug pull up one meter
and release water / cement leaving approximately 1.0m of cement on the plug.
Crew : J Light, P Lawrence, J Annear, A McLeallan

Other Services

Frame Summary File: **MPBT_051LUP** Sequence: **6**

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	12192.00	11359.59 m	-60.0 (0.1 in) up	11	TDEP	60B
	40000.00	37269.00 ft				
BOREHOLE-DEPTH	12192.00	11359.62 m	-10.0 (0.1 in) up	4	TDEP;1	10B
	40000.00	37269.08 ft				

File: PERFO 060PUP Sequence: 7

File ID: PERFO 060PUP File Type: PLAYBACK

Producer Name: Schlumberger Product/Version: OP 15C0-309

File Number: 59

6-MAY-2008 11:40:12

Company Name: Esso Australia Pty Ltd.

Well Name: A-16

Field Name: Bream A

Tool String: SHM GUN, CCL-L

Computations: WELLCAD

Error Summary File: **PERFO 060PUP** Sequence: **7**

No errors detected in file.

Well Site Data File: **PERFO 060PUP** Sequence: **7**

Well Data

Absent Valued Parameters: CN1, COUN, NATI, CONT, SECT, TOWN, RANG, APIN, LONG, LATI, EKB, EGL, EDF, EPD, LMF, APD, DMF

Job Data

Absent Valued Parameters: TDD, TDL, BLI, TLI, CDF, CADT, CASG, BSDF, BSDT, ENGI, WITN

Mud Data

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

PVT Data

Cement Data

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

Frame Summary		File: PERFO_060PUP		Sequence: 7		
Origin: 75						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2707.54	2650.54 m	-60.0 (0.1 in) up	7	TDEP	60B
	8883.00	8696.00 ft				
BOREHOLE-DEPTH	2707.54	2650.57 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	8883.00	8696.08 ft				

File Header		File: PERFO_064LUP		Sequence: 8	
Defining Origin: 75					
File ID: PERFO_064LUP File Type: DEPTH LOG					
Producer Name: Schlumberger		Product/Version: OP 15C0-309		File Set: 41	File Number: 63
6-MAY-2008 13:33:20					
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A-16				
Field Name:	Bream A				
Tool String:	SHM_GUN, CCL-L				
Computations:	WELLCAD				

Error Summary	File: PERFO_064LUP	Sequence: 8
No errors detected in file.		

Well Site Data		File: PERFO_064LUP		Sequence: 8	
Origin: 75					
Well Data					
Company Name	Esso Australia Pty Ltd.			CN	
Well Name	A-16			WN	
Field Name	Bream A			FN	
State:	Victoria			SLAB, STAT	
Field Location	Gippsland			FL	
	Basin			FL1	
	Bass Strait			FL2	
Service Order Number	Ausl			SON	
Maximum Hole Deviation	92.0 (deg)			MHD	
Permanent Datum	GROUND LEVEL			PDAT	
Absent Valued Parameters: CN1, COUN, NATI, CONT, SECT, TOWN, RANG, APIN, LONG, LATI, EKB, EGL, EDF, EPD, LMF, APD, DMF					
Job Data					
Date as Month-Day-Year	6-May-2008			DATE	
Run Number	4			RUN	
Current Casing Size	5.50 (in)			CSIZ	
Casing Weight	17.0 (lbm/ft)			CWEI	
Bit Size	6.75 (in)			BS	
Date Logger At Bottom	6-May-2008		Time Logger At Bottom	11:30	DLAB, TLAB
Logging Unit Number	889		Logging Unit Location	Prod4	LUN, LUL
Service Order Number	Ausl			SON	
Absent Valued Parameters: TDD, TDL, BLI, TLI, CDF, CADT, CASG, BSDF, BSDT, ENGI, WITN					
Mud Data					
Date Logger At Bottom	6-May-2008		Time Logger At Bottom	11:30	DLAB, TLAB
Absent Valued Parameters: DFT, DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT, MRT1, 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					

Origin: 75

<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	2692.15	2641.09 m	−60.0 (0.1 in) up	7	TDEP	60B
	8832.50	8665.00 ft				
BOREHOLE-DEPTH	2692.15	2641.12 m	−10.0 (0.1 in) up	7	TDEP;1	10B
	8832.50	8665.08 ft				



Verification Listing

Listing Completed: 6-MAY-2008 16:19:54