

Input Source: D:\OP_Folder\Clients\ExxonMobil\BMA_A-15\GUN\COMP_MPBT_COMP_002.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **PERFO_015PUP** Sequence: **1**

Defining Origin: 25

File ID: PERFO_015PUP File Type: PLAYBACK

Producer Name: Schlumberger

Product/Version: OP 13C0-300

File Set: 41

File Number: 14

24-DEC-2005 12:58:54

Company Name: Esso Australia Ltd.

Well Name: BMA A-15

Field Name: Bream

Tool String: SHM_GUN, PGGT-C

Computations: WELLCAD

Error Summary File: **PERFO_015PUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **PERFO_015PUP** Sequence: **1**

Origin: 25

Well Data

Company Name	Esso Australia Ltd.	CN
Well Name	BMA A-15	WN
Field Name	Bream	FN
Rig:	Rig 453 / Prod 3	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Longitude	147° 46' 20.4071"E	LONG
Latitude	038° 29' 58.9208"S	LATI
Maximum Hole Deviation	30.0 (deg)	MHD
Elevation of Kelly Bushing	33.2 (m)	EKB
Elevation of Ground Level	0.0 (m)	EGL
Elevation of Derrick Floor	33.2 (m)	EDF
Permanent Datum	Mean Sea Level	PDAT, EPD
Log Measured From	Kelly Bushing	LMF, APD
Drilling Measured From	Kelly Bushing	DMF

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

Job Data

Date as Month-Day-Year	22-Dec-2005	DATE
Run Number	1	RUN
Total Depth - Driller	2129.0 (m)	TDD
Total Depth - Logger	2129.0 (m)	TDL
Bottom Log Interval	2103.0 (m)	BLI
Top Log Interval	2100.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Grade	L-80	CASG
Casing Weight	12.6 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	1962.9 (m)	BSDF
Bit Size Depth To	2225.0 (m)	BSDT
Date Logger At Bottom	24-Dec-2005	DLAB
Logging Unit Number	41	LUN, LUL
Engineer's Name	J.Hogan/D.Molokhov	ENGI
Witness's Name	R.Morris	WITN

Absent Valued Parameters: CDF, CADT, TLAB, SON

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Drilling Fluid Density	1.000 (g/cm3)	DFD

Date Logger At Bottom	24-Dec-2005	DLAB
Absent Valued Parameters: DfV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT, MRT1, MRT2, MRT3, DCS, TCS, TLAB		
PVT Data		
Absent Valued Parameters: ODEN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR		
Cement Data		
Cement Job Type	Primary	CJT
Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA		
Remarks		
Log correlated to Solar Composite Log dated 11-Jan-2005		R1
Purpose of Log:		R3
To perforate well at Zone 2100m MDKB to 2103m MDKB.		R4
Set guns on depth, flowed well for 30min prior to shooting,		R5
flowed for 15min after shooting.		R6
CCL to top shot= 2.62m		R7
CCL stop depth= XXXX.Xm MDKB		R8
Gun shot at 2100m MDKB		R9
API Data: 2 1/8" BiPhased Retrievable EnerJet		R10
6 SPF, +-45° Phasing. Penetration: 22.9"		R11
Entrance Hole: 0.29"		R12
Crew: Paul Flood, Craig Armstrong (days)		R13
Peter Lawrence, Nathan Simmons (nights)		R14
Other Services		
None		OS1

Frame Summary File: PERFO_015PUP Sequence: 1						
Origin: 25						
<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	2110.59	2002.08 m	-60.0 (0.1 in) up	9	TDEP	60B
	6924.50	6568.50 ft				
BOREHOLE-DEPTH	2110.59	2002.10 m	-10.0 (0.1 in) up	7	TDEP,1	10B
	6924.50	6568.58 ft				

File Header		File: CCL_026LUP	Sequence: 2
Defining Origin: 35			
File ID: CCL_026LUP File Type: DEPTH LOG			
Producer Name: Schlumberger		Product/Version: OP 13C0-300	File Set: 41 File Number: 25 24-DEC-2005 17:57:24
Company Name:	Esso Australia Ltd.		
Well Name:	BMA A-15		
Field Name:	Bream		
Tool String:	MPEX-GA, MPSU-CA, CCL-I		
Computations:	WELLCAD		

Error Summary File: CCL_026LUP Sequence: 2		
No errors detected in file.		

Well Site Data File: CCL_026LUP Sequence: 2		
Origin: 35		
Well Data		
Company Name	Esso Australia Ltd.	CN
Well Name	BMA A-15	WN
Field Name	Bream	FN
Rig:	Rig 453 / Prod 3	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Longitude	147° 46' 20.4071"E	LONG
Latitude	038° 29' 58.9208"S	LATI
Maximum Hole Deviation	30.0 (deg)	MHD

Maximum Hole Deviation	30.0 (deg)				MIB
Elevation of Kelly Bushing	33.2 (m)				EKB
Elevation of Ground Level	0.0 (m)				EGL
Elevation of Derrick Floor	33.2 (m)				EDF
Permanent Datum	Mean Sea Level	Elevation of Permanent Datum	0.0 (m)		PDAT, EPD
Log Measured From	Kelly Bushing	Above Permanent Datum	33.2 (m)		LMF, APD
Drilling Measured From	Kelly Bushing				DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN, SON					
Job Data					
Date as Month–Day–Year	24–Dec–2005				DATE
Run Number	1				RUN
Total Depth – Driller	2129.0 (m)				TDD
Total Depth – Logger	2129.0 (m)				TDL
Bottom Log Interval	2103.0 (m)				BLI
Top Log Interval	2100.0 (m)				TLI
Current Casing Size	4.50 (in)				CSIZ
Casing Grade	L–80				CASG
Casing Weight	12.6 (lbm/ft)				CWEI
Bit Size	8.50 (in)				BS
Bit Size Depth From	1962.9 (m)				BSDF
Bit Size Depth To	2225.0 (m)				BSDT
Date Logger At Bottom	24–Dec–2005				DLAB
Logging Unit Number	41	Logging Unit Location	AUSL		LUN, LUL
Engineer's Name	J.Hogan/D.Molokhov				ENGI
Witness's Name	R.Morris				WITN
Absent Valued Parameters: CDF, CADT, TLAB, SON					
Mud Data					
Drilling Fluid Type	Production Fluids				DFT
Drilling Fluid Density	1.000 (g/cm3)				DFD
Date Logger At Bottom	24–Dec–2005				DLAB
Absent Valued Parameters: DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT, MRT1, MRT2, MRT3, DCS, TCS, TLAB					
PVT Data					
Absent Valued Parameters: ODEN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR					
Cement Data					
Cement Job Type	Primary				CJT
Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA					
Remarks					
Log correlated to Solar Composite Log dated 11–Jan–2005					R1
Purpose of Log:					R3
To perforate well at Zone 2100m MDKB to 2103m MDKB.					R4
Set guns on depth, flowed well for 30min prior to shooting,					R5
flowed for 15min after shooting.					R6
CCL to top shot= 2.62m					R7
CCL stop depth= 2097.4m MDKB					R8
Gun shot at 2100m MDKB					R9
API Data: 2 1/8" BiPhased Retrievable EnerJet					R10
6 SPF, +-45° Phasing. Penetration: 22.9"					R11
Entrance Hole: 0.29"					R12
Crew: Paul Flood, Craig Armstrong (days)					R13
Peter Lawrence, Nathan Simmons (nights)					R14
Other Services					
None					OS1

Frame Summary						
File: CCL_026LUP		Sequence: 2				
Origin: 35						
<u>Index Type</u>	<u>Start</u>	<u>Stop</u>	<u>Spacing</u>	<u>Channels</u>	<u>Index Channel</u>	<u>Frame Name</u>
BOREHOLE-DEPTH	2105.10	2067.92 m	-60.0 (0.1 in) up	7	TDEP	60B
	6906.50	6784.50 ft				
BOREHOLE-DEPTH	2105.10	2067.94 m	-10.0 (0.1 in) up	6	TDEP;1	10B
	6906.50	6784.58 ft				

File Header	File: CCL_026LUP	Sequence: 2
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File Header		File: CCL_029LUP	Sequence: 3
Defining Origin: 35			
File ID: CCL_029LUP File Type: DEPTH LOG			
Producer Name: Schlumberger		Product/Version: OP 13C0-300	File Set: 41
		File Number: 28	24-DEC-2005 18:13:19
Company Name:	Esso Australia Ltd.		
Well Name:	BMA A-15		
Field Name:	Bream		
Tool String:	MPEX-GA, MPSU-CA, CCL-I		
Computations:	WELLCAD		

Error Summary	File: CCL_029LUP	Sequence: 3
No errors detected in file.		

Well Site Data	File: CCL_029LUP	Sequence: 3
Origin: 35		
Well Data		
Company Name	Esso Australia Ltd.	CN
Well Name	BMA A-15	WN
Field Name	Bream	FN
Rig:	Rig 453 / Prod 3	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Longitude	147° 46' 20.4071"E	LONG
Latitude	038° 29' 58.9208"S	LATI
Maximum Hole Deviation	30.0 (deg)	MHD
Elevation of Kelly Bushing	33.2 (m)	EKB
Elevation of Ground Level	0.0 (m)	EGL
Elevation of Derrick Floor	33.2 (m)	EDF
Permanent Datum	Mean Sea Level	PDAT, EPD
Log Measured From	Kelly Bushing	LMF, APD
Drilling Measured From	Kelly Bushing	DMF
	Elevation of Permanent Datum	0.0 (m)
	Above Permanent Datum	33.2 (m)
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN, SON		

Job Data		
Date as Month-Day-Year	24-Dec-2005	DATE
Run Number	1	RUN
Total Depth - Driller	2129.0 (m)	TDD
Total Depth - Logger	2129.0 (m)	TDL
Bottom Log Interval	2103.0 (m)	BLI
Top Log Interval	2100.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Grade	L-80	CASG
Casing Weight	12.6 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	1962.9 (m)	BSDF
Bit Size Depth To	2225.0 (m)	BSDT
Date Logger At Bottom	24-Dec-2005	DLAB
Logging Unit Number	41	LUN, LUL
Engineer's Name	J.Hogan/D.Molokhov	ENGI
Witness's Name	R.Morris	WITN
	Logging Unit Location	AUSL
Absent Valued Parameters: CDF, CADT, TLAB, SON		

Mud Data		
Drilling Fluid Type	Production Fluids	DFT
Drilling Fluid Density	1.000 (g/cm3)	DFD
Date Logger At Bottom	24-Dec-2005	DLAB
Absent Valued Parameters: DFL, DFL, DFL, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT, MRT1, MRT2, MRT3, DCS, TCS, TLAB		

PVT Data		
Absent Valued Parameters: ODN, 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 Solar Composite Log dated 11 Jan 2005		

Log correlated to Solar Composite Log dated 11-Jan-2005	R1
Purpose of Log:	R3
To perforate well at Zone 2100m MDKB to 2103m MDKB.	R4
Set guns on depth, flowed well for 30min prior to shooting,	R5
flowed for 15min after shooting.	R6
CCL to top shot= 2.62m	R7
CCL stop depth= 2097.4m MDKB	R8
Gun shot at 2100m MDKB	R9
API Data: 2 1/8" BiPhased Retrievable EnerJet	R10
6 SPF, +-45° Phasing. Penetration: 22.9"	R11
Entrance Hole: 0.29"	R12
Crew: Paul Flood, Craig Armstrong (days)	R13
Peter Lawrence, Nathan Simmons (nights)	R14
Other Services	
None	OS1

Frame Summary		File: CCL_029LUP	Sequence: 3			
Origin: 35						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	12192.00	11926.37 m	-60.0 (0.1 in) up	7	TDEP	60B
	40000.00	39128.50 ft				
BOREHOLE-DEPTH	12192.00	11926.39 m	-10.0 (0.1 in) up	4	TDEP;1	10B
	40000.00	39128.58 ft				

File Header	File: PERFO_037PUP	Sequence: 4			
Defining Origin: 41					
File ID: PERFO_037PUP File Type: PLAYBACK					
Producer Name: Schlumberger		Product/Version: OP 13C0-300	File Set: 41	File Number: 36	24-DEC-2005 22:39:14
Company Name:	Esso Australia Ltd.				
Well Name:	BMA A-15				
Field Name:	Bream				
Tool String:	SHM_GUN, CCL-L				
Computations:	WELLCAD				

Error Summary	File: PERFO_037PUP	Sequence: 4
No errors detected in file.		

Well Site Data		File: PERFO_037PUP	Sequence: 4
Origin: 41			
Well Data			
Company Name	Esso Australia Ltd.		CN
Well Name	BMA A-15		WN
Field Name	Bream		FN
Rig:	Rig 453 / Prod 3		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Longitude	147° 46' 20.4071"E		LONG
Latitude	038° 29' 58.9208"S		LATI
Maximum Hole Deviation	30.0 (deg)		MHD
Elevation of Kelly Bushing	33.2 (m)		EKB
Elevation of Ground Level	0.0 (m)		EGL
Elevation of Derrick Floor	33.2 (m)		EDF
Permanent Datum	Mean Sea Level	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	Kelly Bushing	Above Permanent Datum 33.2 (m)	LMF, APD
Drilling Measured From	Kelly Bushing		DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN, SON			
Job Data			

Job Data		
Date as Month-Day-Year	24-Dec-2005	DATE
Run Number	1	RUN
Total Depth - Driller	2129.0 (m)	TDD

Total Depth – Driller	2129.0 (m)			TDL
Total Depth – Logger	2129.0 (m)			BLI
Bottom Log Interval	2103.0 (m)			TLI
Top Log Interval	2100.0 (m)			CSIZ
Current Casing Size	4.50 (in)			CASG
Casing Grade	L-80			CWEI
Casing Weight	12.6 (lbm/ft)			BS
Bit Size	8.50 (in)			BSDF
Bit Size Depth From	1962.9 (m)			BSDT
Bit Size Depth To	2225.0 (m)			DLAB, TLAB
Date Logger At Bottom	24-Dec-2005	Time Logger At Bottom	9:50	LUN, LUL
Logging Unit Number	41	Logging Unit Location	AUSL	ENGI
Engineer's Name	J.Hogan/D.Molokhov			WITN
Witness's Name	R.Morris			
Absent Valued Parameters: CDF, CADT, SON				
Mud Data				
Drilling Fluid Type	Production Fluids			DFT
Drilling Fluid Density	1.000 (g/cm3)			DFD
Date Logger At Bottom	24-Dec-2005	Time Logger At Bottom	9:50	DLAB, TLAB
Absent Valued Parameters: 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				
Remarks				
Log correlated to Solar Composite Log dated 11-Jan-2005				R1
Purpose of Log:				R3
To perforate well at Zone 2100m MDKB to 2103m MDKB.				R4
Set guns on depth, flowed well for 30min prior to shooting,				R5
flowed for 15min after shooting.				R6
CCL to top shot= 2.62m				R7
CCL stop depth= 2097.4m MDKB				R8
Gun shot at 2100m MDKB				R9
API Data: 2 1/8" BiPhased Retrievable EnerJet				R10
6 SPF, +-45° Phasing. Penetration: 22.9"				R11
Entrance Hole: 0.29"				R12
Crew: Paul Flood, Craig Armstrong (days)				R13
Peter Lawrence, Nathan Simmons (nights)				R14
Other Services				
None				OS1

Frame Summary						
File: PERFO_037PUP Sequence: 4						
Origin: 41						
<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	2105.25	2031.95 m	-60.0 (0.1 in) up	7	TDEP	60B
	6907.00	6666.50 ft				
BOREHOLE-DEPTH	2105.25	2031.97 m	-10.0 (0.1 in) up	6	TDEP;1	10B
	6907.00	6666.58 ft				

File Header						
File: PERFO_041PUP Sequence: 5						
Defining Origin: 41						
File ID: PERFO_041PUP File Type: PLAYBACK						
Producer Name: Schlumberger		Product/Version: OP 13C0-300		File Set: 41	File Number: 40	25-DEC-2005 1:22:14
Company Name:	Esso Australia Ltd.					
Well Name:	BMA A-15					
Field Name:	Bream					
Tool String:	SHM_GUN, CCL-L					
Computations:	WELLCAD					

Well Site DataFile: PERFO_041PUPSequence: 5

Origin: 41

Well Data

Company Name	Esso Australia Ltd.		CN
Well Name	BMA A-15		WN
Field Name	Bream		FN
Rig:	Rig 453 / Prod 3		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Longitude	147° 46' 20.4071"E		LONG
Latitude	038° 29' 58.9208"S		LATI
Maximum Hole Deviation	30.0 (deg)		MHD
Elevation of Kelly Bushing	33.2 (m)		EKB
Elevation of Ground Level	0.0 (m)		EGL
Elevation of Derrick Floor	33.2 (m)		EDF
Permanent Datum	Mean Sea Level	Elevation of Permanent Datum	0.0 (m) PDAT, EPD
Log Measured From	Kelly Bushing	Above Permanent Datum	33.2 (m) LMF, APD
Drilling Measured From	Kelly Bushing		DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN, SON			

Job Data

Date as Month-Day-Year	24-Dec-2005		DATE
Run Number	2		RUN
Total Depth - Driller	2129.0 (m)		TDD
Total Depth - Logger	2129.0 (m)		TDL
Bottom Log Interval	2105.0 (m)		BLI
Top Log Interval	2080.0 (m)		TLI
Current Casing Size	4.50 (in)		CSIZ
Casing Grade	L-80		CASG
Casing Weight	12.6 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	1962.9 (m)		BSDF
Bit Size Depth To	2225.0 (m)		BSDT
Date Logger At Bottom	24-Dec-2005	Time Logger At Bottom	18:15 DLAB, TLAB
Logging Unit Number	41	Logging Unit Location	AUSL LUN, LUL
Engineer's Name	J.Hogan/D.Molokhov		ENGI
Witness's Name	R.Morris		WITN
Absent Valued Parameters: CDF, CADT, SON			

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Drilling Fluid Density	1.000 (g/cm3)		DFD
Date Logger At Bottom	24-Dec-2005	Time Logger At Bottom	18:15 DLAB, TLAB
Absent Valued Parameters: 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			

Remarks

Log correlated to Solar Composite Log dated 11-Jan-2005	R1
Purpose of Log:	R3
To set MPBT plug at 2105 M MDKB.	R4
Conducted drift run to ensure access to depth.	R5
Dummy plug was run with PGGT.	R6
GR-CCL was recorded.	R7
CCL - Top seal of the plug = 6.6 M.	R8
CCL stop depth = 2098.4 M MDKB.	R9
Plug set at 2105 M MDKB.	R10
After Plug set, water and 1M cement dumped on the top of plug.	R11
Crew: Paul Flood, Craig Armstrong (days)	R13
Peter Lawrence, Nathan Simmons (nights)	R14

Origin: 41

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2102.97 6899.50	2030.88 m 6663.00 ft	-60.0 (0.1 in) up	7	TDEP	60B
BOREHOLE-DEPTH	2102.97 6899.50	2030.91 m 6663.08 ft	-10.0 (0.1 in) up	6	TDEP,1	10B



Verification Listing

Listing Completed: 28-DEC-2005 14:36:52