



Verification Listing

Listing Created: 28-FEB-2006 13:36:34
Version: 13C0-300

Input Source: D:\OP_Folder\Clients\ExxonMobil\BMA_A9A\GUN\COMP_CHC_COMP_022.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: PERFO_009PUP Sequence: 1

Defining Origin: 103

File ID: PERFO_009PUP File Type: PLAYBACK
Producer Name: Schlumberger Product/Version: OP 13C0-300 File Set: 41 File Number: 8 23-FEB-2006 16:54:03
Company Name: Esso Australia Ltd.
Well Name: BMA A-9a
Field Name: Bream A
Tool String: SHM_GUN, PGGT-CC
Computations: WELLCAD

Error Summary File: PERFO_009PUP Sequence: 1

No errors detected in file.

Well Site Data File: PERFO_009PUP Sequence: 1

Origin: 103

Well Data

Company Name	Esso Australia Ltd.	CN
Well Name	BMA A-9a	WN
Field Name	Bream A	FN
Rig:	Prod 3 / ISDL 453	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Maximum Hole Deviation	49.0 (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	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, LONG, LATI

Job Data

Date as Month-Day-Year	23-Feb-2006	DATE
Run Number	1	RUN
Current Casing Size	0.0 (in)	CSIZ
Casing Weight	0.0 (lbm/ft)	CWEI
Bit Size	8.00 (in)	BS

Absent Valued Parameters: TDD, TDL, BLI, TLI, CDF, CADT, CASG, BSDF, BSDT, DLAB, TLAB, LUN, LUL, ENGI, WITN, SON

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, DLAB, TLAB

PVT Data

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

Cement Data

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

Frame Summary File: PERFO_009PUP Sequence: 1

Origin: 103

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE DEPTH	2000.54	1000.05 m	00.0 (0.1 in) up	0	TDPR	C0P

BOREHOLE-DEPTH	2066.54 6780.00	1990.95 m 6532.00 ft	-60.0 (0.1 in) up	9	TDEP	60B
BOREHOLE-DEPTH	2066.54 6780.00	1990.98 m 6532.08 ft	-10.0 (0.1 in) up	7	TDEP,1	10B

File Header	File: PERFO_016LUP	Sequence: 2
Defining Origin: 84		
File ID: PERFO_016LUP File Type: DEPTH LOG		
Producer Name: Schlumberger Product/Version: OP 13C0-300 File Set: 41 File Number: 15 23-FEB-2006 20:15:14		
Company Name: Esso Australia Ltd.		
Well Name: BMA A-9a		
Field Name: Bream A		
Tool String: SHM_GUN, PGGT-CC		
Computations: WELLCAD		

Error Summary	File: PERFO_016LUP	Sequence: 2
No errors detected in file.		

Well Site Data	File: PERFO_016LUP	Sequence: 2
Origin: 84		
Well Data		
Company Name	Esso Australia Ltd.	CN
Well Name	BMA A-9a	WN
Field Name	Bream A	FN
Rig:	Prod 3 / ISDL 453	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Maximum Hole Deviation	49.0 (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	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, LONG, LATI		
Job Data		
Date as Month-Day-Year	23-Feb-2006	DATE
Run Number	1	RUN
Current Casing Size	0.0 (in)	CSIZ
Casing Weight	0.0 (lbm/ft)	CWEI
Bit Size	8.00 (in)	BS
Absent Valued Parameters: TDD, TDL, BLI, TLI, CDF, CADT, CASG, BSDF, BSDT, DLAB, TLAB, LUN, LUL, ENGI, WITN, SON		
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, DLAB, 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		

<div>Frame Summary</div> <div>File: PERFO_016LUP Sequence: 2</div>													
<div>Origin: 84</div> <table><tr><td><div>Index Type</div></td><td><div>Start</div></td><td><div>Stop</div></td><td><div>Spacing</div></td><td><div>Channels</div></td><td><div>Index Channel</div></td><td><div>Frame Name</div></td></tr></table>							<div>Index Type</div>	<div>Start</div>	<div>Stop</div>	<div>Spacing</div>	<div>Channels</div>	<div>Index Channel</div>	<div>Frame Name</div>
<div>Index Type</div>	<div>Start</div>	<div>Stop</div>	<div>Spacing</div>	<div>Channels</div>	<div>Index Channel</div>	<div>Frame Name</div>							

BOREHOLE-DEPTH	2068.98 6788.00	2019.00 m 6624.00 ft	-60.0 (0.1 in) up	9	TDEP	60B
BOREHOLE-DEPTH	2068.98 6788.00	2019.02 m 6624.08 ft	-10.0 (0.1 in) up	7	TDEP;1	10B

File Header

File: **PERFO_017LUP** Sequence: **3**

Defining Origin: 84

File ID: PERFO_017LUP File Type: DEPTH LOG

Producer Name: Schlumberger

Product/Version: OP 13C0-300

File Set: 41

File Number: 16

23-FEB-2006 20:23:53

Company Name: Esso Australia Ltd.

Well Name: BMA A-9a

Field Name: Bream A

Tool String: SHM_GUN, PGGT-CC

Computations: WELLCAD

Error Summary

File: **PERFO_017LUP** Sequence: **3**

No errors detected in file.

Well Site Data

File: **PERFO_017LUP** Sequence: **3**

Origin: 84

Well Data

Company Name	Esso Australia Ltd.	CN
Well Name	BMA A-9a	WN
Field Name	Bream A	FN
Rig:	Prod 3 / ISDL 453	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Maximum Hole Deviation	49.0 (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	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, LONG, LATI

Job Data

Date as Month-Day-Year	23-Feb-2006	DATE
Run Number	1	RUN
Current Casing Size	0.0 (in)	CSIZ
Casing Weight	0.0 (lbm/ft)	CWEI
Bit Size	8.00 (in)	BS

Absent Valued Parameters: TDD, TDL, BLI, TLI, CDF, CADT, CASG, BSDF, BSDT, DLAB, TLAB, LUN, LUL, ENGI, WITN, SON

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, DLAB, TLAB

PVT Data

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

Cement Data

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

Frame Summary

File: **PERFO_017LUP** Sequence: **3**

Origin: 84

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2068.83	2014.42 m	-60.0 (0.1 in) up	9	TDEP	60B
	6787.50	6609.00 ft				
BOREHOLE-DEPTH	2068.83	2014.45 m	-10.0 (0.1 in) up	7	TDEP;1	10B

BOREHOLE-DEPTH		2068.83	2014.45 m	-10.0 (0.1 in) up	7	DEPTH	105
		6787.50	6609.08 ft				
File Header File: PERFO_021LUP Sequence: 4							
Defining Origin: 17							
File ID: PERFO_021LUP File Type: DEPTH LOG							
Producer Name: Schlumberger		Product/Version: OP 13C0-300		File Set: 41		File Number: 20 24-FEB-2006 1:21:11	
Company Name:		Esso Australia Ltd.					
Well Name:		BMA A-9a					
Field Name:		Bream A					
Tool String:		SHM_GUN, CCL-L					
Computations:		WELLCAD					
Error Summary File: PERFO_021LUP Sequence: 4							
No errors detected in file.							

Well Site Data			File: PERFO_021LUP	Sequence: 4
Origin: 17				
Well Data				
Company Name	Esso Australia Ltd.			CN
Well Name	BMA A-9a			WN
Field Name	Bream A			FN
Rig:	Prod 3 / ISDL 453			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	38° 30' 04" S			LATI
Maximum Hole Deviation	49.0 (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	Mean Sea Level	Elevation of Permanent Datum	0.0 (m)	PDAT, EPD
Log Measured From	Kelly Bushing	Above Permanent Datum	33.5 (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	23-Feb-2006			DATE
Run Number	1			RUN
Total Depth - Driller	2089.0 (m)			TDD
Total Depth - Logger	1.00 (m)			TDL
Bottom Log Interval	2055.0 (m)			BLI
Top Log Interval	2000.0 (m)			TLI
Current Casing Size	4.50 (in)			CSIZ
Casing Depth From	0.0 (m)			CDF
Casing Depth To	2069.0 (m)			CADT
Casing Grade	J-55			CASG
Casing Weight	12.8 (lbm/ft)			CWEI
Bit Size	8.50 (in)			BS
Bit Size Depth From	2062.0 (m)			BSDF
Bit Size Depth To	3032.0 (m)			BSDT
Date Logger At Bottom	24-Feb-2006	Time Logger At Bottom	2:26	DLAB, TLAB
Logging Unit Number	41	Logging Unit Location	AUSL	LUN, LUL
Engineer's Name	Joel Hogan			ENGI
Witness's Name	Glenn Campbell, Brian Davis			WITN

Witness's Name		Glen Campbell, Brian Davis		WITN	
Absent Valued Parameters: SON					
Mud Data					
Drilling Fluid Type		Brine		DFT	
Date Logger At Bottom		24-Feb-2006		Time Logger At Bottom 2:26	
				DLAB, TLAB	
Absent Valued Parameters: 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					
Other Services					
none				OS1	

Frame Summary		File: PERFO_021LUP		Sequence: 4		
Origin: 17						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2063.95	2025.40 m	-60.0 (0.1 in) up	7	TDEP	60B
	6771.50	6645.00 ft				
BOREHOLE-DEPTH	2063.95	2025.42 m	-10.0 (0.1 in) up	6	TDEP;1	10B
	6771.50	6645.08 ft				

File Header		File: PERFO_022LUP		Sequence: 5	
Defining Origin: 17					
File ID: PERFO_022LUP File Type: DEPTH LOG					
Producer Name: Schlumberger		Product/Version: OP 13C0-300		File Set: 41	File Number: 21
				24-FEB-2006 1:28:26	
Company Name:	Esso Australia Ltd.				
Well Name:	BMA A-9a				
Field Name:	Bream A				
Tool String:	SHM_GUN, CCL-L				
Computations:	WELLCAD				

Error Summary	File: PERFO_022LUP	Sequence: 5
No errors detected in file.		

Well Site Data		File: PERFO_022LUP	Sequence: 5
Origin: 17			
Well Data			
Company Name	Esso Australia Ltd.		CN
Well Name	BMA A-9a		WN
Field Name	Bream A		FN
Rig:	Prod 3 / ISDL 453		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	38° 30' 04" S		LATI

Maximum Hole Deviation	49.0 (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	Mean Sea Level	Elevation of Permanent Datum	0.0 (m)	PDAT, EPD
Log Measured From	Kelly Bushing	Above Permanent Datum	33.5 (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	23–Feb–2006			DATE
Run Number	1			RUN
Total Depth – Driller	2089.0 (m)			TDD
Total Depth – Logger	1.00 (m)			TDL
Bottom Log Interval	2055.0 (m)			BLI
Top Log Interval	2000.0 (m)			TLI
Current Casing Size	4.50 (in)			CSIZ
Casing Depth From	0.0 (m)			CDF
Casing Depth To	2069.0 (m)			CADT
Casing Grade	J–55			CASG
Casing Weight	12.8 (lbm/ft)			CWEI
Bit Size	8.50 (in)			BS
Bit Size Depth From	2062.0 (m)			BSDF
Bit Size Depth To	3032.0 (m)			BSDT
Date Logger At Bottom	24–Feb–2006	Time Logger At Bottom	2:26	DLAB, TLAB
Logging Unit Number	41	Logging Unit Location	AUSL	LUN, LUL
Engineer's Name	Joel Hogan			ENGI
Witness's Name	Glenn Campbell, Brian Davis			WITN
Absent Valued Parameters: SON				
Mud Data				
Drilling Fluid Type	Brine			DFT
Date Logger At Bottom	24–Feb–2006	Time Logger At Bottom	2:26	DLAB, TLAB
Absent Valued Parameters: 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				
Other Services				
none				OS1

Frame Summary							File: PERFO_022LUP	Sequence: 5
Origin: 17								
<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	2063.80	2001.47 m	-60.0 (0.1 in) up	7	TDEP	60B		
	6771.00	6566.50 ft						
BOREHOLE-DEPTH	2063.80	2001.47 m	-10.0 (0.1 in) up	6	TDEP;1	10B		
	6771.00	6566.50 ft						

File Header		File: GUN .020	Sequence: 6
Defining Origin: 114			
File ID: GUN .020 File Type: SNR-SAVE			
Producer Name: Schlumberger		Product/Version: OP 13C0-300	File Set: 41
		File Number: 1	28-FEB-2006 11:29:59
Company Name:	Esso Australia Ltd.		
Well Name:	BMA A-9a		
Field Name:	Bream A		
Tool String:	SHM_GUN, CCL-L		
Computations:	WELLCAD		

No errors detected in file.

Origin: 114

Well Data

Company Name	Esso Australia Ltd.	CN
Well Name	BMA A-9a	WN
Field Name	Bream A	FN
Rig:	Prod 3 / ISDL 453	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	38° 30' 04" S	LATI
Maximum Hole Deviation	49.0 (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	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	33.5 (m)

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

Job Data

Date as Month-Day-Year	23-Feb-2006	DATE
Run Number	1	RUN
Total Depth - Driller	2089.0 (m)	TDD
Total Depth - Logger	1.00 (m)	TDL
Bottom Log Interval	2055.0 (m)	BLI
Top Log Interval	2000.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	0.0 (m)	CDF
Casing Depth To	2069.0 (m)	CADT
Casing Grade	J-55	CASG
Casing Weight	12.8 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	2062.0 (m)	BSDF
Bit Size Depth To	3032.0 (m)	BSDT
Date Logger At Bottom	24-Feb-2006	DLAB, TLAB
Logging Unit Number	41	LUN, LUL
Engineer's Name	Joel Hogan	ENGI
Witness's Name	Glenn Campbell, Brian Davis	WITN
	Time Logger At Bottom	2:26
	Logging Unit Location	AUSL

Absent Valued Parameters: SON

Mud Data

Drilling Fluid Type	Brine	DFT
Date Logger At Bottom	24-Feb-2006	DLAB, TLAB
	Time Logger At Bottom	2:26

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

Remarks

Log correlated to Tubing tally supplid by client	R1
Purpose of log: to cut tubing at 2055mMDKB	R3
RIH with 3 3/4" OD drift to confirm access to cutting depth	R4
RIH with 1m string shot to prepare tubing for cut	R5
CCL to top of string shot = 1.5m	R6
Top of string shot fired at 2053.5mMDKB	R7
RIH with 3 5/8" chemical cutter and cut tubing at 2055mMDKB	R8
CCL to cutting mandrel = 3.15m	R9
CCL stop depth = 2051.85	R10
tubing cut at 2055mMDKB	R11
Schlumberger crew: Ben Taylor, Kevn Kerr (days)	R13
Paul Flood, Mat Ward (nights)	R14

Other Services		none		OS1
Frame Summary File: GUN .020 Sequence: 6				
No frame data in file				
		Verification Listing		Listing Completed: 28-FEB-2006 13:36:35