

**Input Source:** D:\OP\_Folder\Clients\Ess0\BMA-A27a\GUN\COMP\_PGGT\_COMP\_015.DLIS  
**Format:** DLIS  
**Storage Set ID:** Default Storage Set

**Max Record Length:** 8192  
**Storage Unit Sequence:** 1

**File Header** File: **PERFO\_006PUP** Sequence: **1**

**Defining Origin: 97**

File ID: PERFO\_006PUP File Type: PLAYBACK

Producer Name: Schlumberger

Product/Version: OP 13C0-300

File Set: 41

File Number: 5

18-JAN-2006 7:33:47

Company Name: Esso Australia Ltd.

Well Name: A-27a

Field Name: Bream A

Tool String: SHM\_GUN, PGGT-C

Computations: WELLCAD

**Error Summary** File: **PERFO\_006PUP** Sequence: **1**

No errors detected in file.

**Well Site Data** File: **PERFO\_006PUP** Sequence: **1**

**Origin: 97**

**Well Data**

Company Name	Esso Australia Ltd.	CN
Well Name	A-27a	WN
Field Name	Bream A	FN
Rig:	ISDL 453 / Prod 3	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AUSL06165319	SON
Longitude	147° 46' 15" E	LONG
Latitude	38° 30' 4" S	LATI
Maximum Hole Deviation	63.0 (deg)	MHD
Elevation of Kelly Bushing	33.5 (m)	EKB
Elevation of Ground Level	0.0 (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

**Job Data**

Date as Month-Day-Year	18-Jan-2006	DATE
Run Number	1	RUN
Total Depth - Driller	3534.0 (m)	TDD
Total Depth - Logger	3534.0 (m)	TDL
Bottom Log Interval	3484.0 (m)	BLI
Top Log Interval	3480.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Grade	N-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Date Logger At Bottom	18-Jan-2006	DLAB, TLAB
Logging Unit Number	41	LUN, LUL
Engineer's Name	Joel Hogan	ENGI
Witness's Name	Ross Morris, Bim Steele	WITN
Service Order Number	AUSL06165319	SON
	Time Logger At Bottom	0700
	Logging Unit Location	VEA

Absent Valued Parameters: CDF, CADT, BSDF, BSDT

**Mud Data**

Drilling Fluid Type	Brine	DFT
Date Logger At Bottom	18-Jan-2006	DLAB, TLAB
	Time Logger At Bottom	0700

PVT Data

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

Cement Data

Cement Job TypePrimaryCJT

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

Remarks

Log correlated to Schlumberger RST Log dated 15-Jan-06R1  
Objective:R2  
RIH with 2 7/8" HSD guns and perforate well usingR3  
Powerjet Omega charges in conjunction with PURE perforating.R4  
To perforate zone 3480m MDKB to 3484m MDKB  
well perforated overballanced.R5  
API Data: 2 7/8" HSD PowerJet Omega 2906 HMXR6  
6 SPF, 60deg PhasingR7  
Penetration: 36"R8  
Entrance Hole: 0.34"R9  
CCL to top shot =R10  
CCL stop depth =R11  
Gun shot at 3480m MDKB  
Crew: John Light, Kevin Kerr (Days)R12  
Darren Watts, Gary Martin (Nights)R13  
R14  
R15  
R16

Other Services

NoneOS1

Frame SummaryFile: PERFO\_006PUPSequence: 1

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	3555.49 11665.00	3421.23 m 11224.50 ft	-60.0 (0.1 in) up	9	TDEP	60B
BOREHOLE-DEPTH	3555.49 11665.00	3421.25 m 11224.58 ft	-10.0 (0.1 in) up	7	TDEP;1	10B

File HeaderFile: PERFO\_010LUPSequence: 2

Defining Origin: 71					
File ID: PERFO_010LUP File Type: DEPTH LOG					
Producer Name: Schlumberger		Product/Version: OP 13C0-300		File Set: 41	File Number: 9 18-JAN-2006 11:20:55
Company Name:	Esso Australia Ltd.				
Well Name:	A-27a				
Field Name:	Bream A				
Tool String:	SHM_GUN, SAFE, PGGT-C				
Computations:	WELLCAD				

Error SummaryFile: PERFO\_010LUPSequence: 2

No errors detected in file.

Well Site DataFile: PERFO\_010LUPSequence: 2

Origin: 71			
Well Data			
Company Name	Esso Australia Ltd.		CN
Well Name	A-27a		WN
Field Name	Bream A		FN
Rig:	ISDL 453 / Prod 3		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Service Order Number	AUSL06165319		SON
Longitude	147° 46' 15" E		LONG
Latitude	38° 30' 4" S		LATI

Latitude	38 30 4 3			LAT
Maximum Hole Deviation	63.0 (deg)			MHD
Elevation of Kelly Bushing	33.5 (m)			EKB
Elevation of Ground Level	0.0 (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				
Job Data				
Date as Month–Day–Year	18–Jan–2006			DATE
Run Number	1			RUN
Total Depth – Driller	3534.0 (m)			TDD
Total Depth – Logger	3534.0 (m)			TDL
Bottom Log Interval	3484.0 (m)			BLI
Top Log Interval	3480.0 (m)			TLI
Current Casing Size	7.00 (in)			CSIZ
Casing Grade	N–80			CASG
Casing Weight	26.0 (lbm/ft)			CWEI
Bit Size	8.50 (in)			BS
Date Logger At Bottom	18–Jan–2006	Time Logger At Bottom	0700	DLAB, TLAB
Logging Unit Number	41	Logging Unit Location	VEA	LUN, LUL
Engineer's Name	Joel Hogan, Owen Darby, Omar Tahmiscic			ENGI
Witness's Name	Ross Morris, Bim Steele			WITN
Service Order Number	AUSL06165319			SON
Absent Valued Parameters: CDF, CADT, BSDF, BSDT				
Mud Data				
Drilling Fluid Type	Brine			DFT
Date Logger At Bottom	18–Jan–2006	Time Logger At Bottom	0700	DLAB, TLAB
Absent Valued Parameters: DFD, DFV, DFL, DFPB, 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 Schlumberger RST Log dated 15–Jan–06				R1
Objective:				R2
RIH with 2 7/8" HSD guns and perforate well using				R3
Powerjet Omega charges in conjunction with PURE perforating.				R4
To perforate zone 3480m MDKB to 3484m MDKB				R5
well perforated overbalanced.				R6
API Data: 2 7/8" HSD PowerJet Omega 2906 HMX				R7
6 SPF, 60deg Phasing				R8
Penetration: 36"				R9
Entrance Hole: 0.34"				R10
CCL to top shot = 6.14m				R11
CCL stop depth = 3473.84m MDKB				R12
Gun shot at 3480m MDKB				R13
Crew: John Light, Kevin Kerr (Days)				R15
Darren Watts, Gary Martin (Nights)				R16
Other Services				
None				OS1

<div> <div>Frame Summary</div> <div>File: PERFO_010LUP</div> <div>Sequence: 2</div> </div>																																									
<div> <div>Origin: 71</div> <table> <tr> <th>Index Type</th><th>Start</th><th>Stop</th><th>Spacing</th><th>Channels</th><th>Index Channel</th><th>Frame Name</th></tr> <tr> <td>BOREHOLE–DEPTH</td><td>3510.53</td><td>3418.18 m</td><td>–60.0 (0.1 in) up</td><td>9</td><td>TDEP</td><td>60B</td></tr> <tr> <td></td><td>11517.50</td><td>11214.50 ft</td><td></td><td></td><td></td><td></td></tr> <tr> <td>BOREHOLE–DEPTH</td><td>3510.53</td><td>3418.21 m</td><td>–10.0 (0.1 in) up</td><td>7</td><td>TDEP;1</td><td>10B</td></tr> <tr> <td></td><td>11517.50</td><td>11214.58 ft</td><td></td><td></td><td></td><td></td></tr> </table> </div>							Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name	BOREHOLE–DEPTH	3510.53	3418.18 m	–60.0 (0.1 in) up	9	TDEP	60B		11517.50	11214.50 ft					BOREHOLE–DEPTH	3510.53	3418.21 m	–10.0 (0.1 in) up	7	TDEP;1	10B		11517.50	11214.58 ft				
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name																																			
BOREHOLE–DEPTH	3510.53	3418.18 m	–60.0 (0.1 in) up	9	TDEP	60B																																			
	11517.50	11214.50 ft																																							
BOREHOLE–DEPTH	3510.53	3418.21 m	–10.0 (0.1 in) up	7	TDEP;1	10B																																			
	11517.50	11214.58 ft																																							

File Header	File: PERFO_011LUP	Sequence: 2
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File Header		File: PERFO_011LUP	Sequence: 3
Defining Origin: 71			
File ID: PERFO_011LUP File Type: DEPTH LOG			
Producer Name: Schlumberger		Product/Version: OP 13C0-300	File Set: 41
		File Number: 10	18-JAN-2006 11:34:35
Company Name: Esso Australia Ltd.			
Well Name: A-27a			
Field Name: Bream A			
Tool String: SHM_GUN, SAFE, PGGT-C			
Computations: WELLCAD			

Error Summary	File: PERFO_011LUP	Sequence: 3
No errors detected in file.		

Well Site Data	File: PERFO_011LUP	Sequence: 3
Origin: 71		
Well Data		
Company Name	Esso Australia Ltd.	CN
Well Name	A-27a	WN
Field Name	Bream A	FN
Rig:	ISDL 453 / Prod 3	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AUSL06165319	SON
Longitude	147° 46' 15" E	LONG
Latitude	38° 30' 4" S	LATI
Maximum Hole Deviation	63.0 (deg)	MHD
Elevation of Kelly Bushing	33.5 (m)	EKB
Elevation of Ground Level	0.0 (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		

Job Data		
Date as Month-Day-Year	18-Jan-2006	DATE
Run Number	1	RUN
Total Depth - Driller	3534.0 (m)	TDD
Total Depth - Logger	3534.0 (m)	TDL
Bottom Log Interval	3484.0 (m)	BLI
Top Log Interval	3480.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Grade	N-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Date Logger At Bottom	18-Jan-2006	DLAB, TLAB
Logging Unit Number	41	LUN, LUL
Engineer's Name	Joel Hogan, Owen Darby, Omar Tahmiscic	ENGI
Witness's Name	Ross Morris, Bim Steele	WITN
Service Order Number	AUSL06165319	SON
Absent Valued Parameters: CDF, CADT, BSDF, BSDT		

Mud Data		
Drilling Fluid Type	Brine	DFT
Date Logger At Bottom	18-Jan-2006	DLAB, TLAB
Time Logger At Bottom 0700		
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		

Remarks		
Log correlated to Schlumberger RST Log dated 15-Jan-06		R1
Objective:		R2

Objective:  
RIH with 2 7/8" HSD guns and perforate well using  
Powerjet Omega charges in conjunction with PURE perforating.  
To perforate zone 3480m MDKB to 3484m MDKB  
well perforated overbalanced.  
API Data: 2 7/8" HSD PowerJet Omega 2906 HMX  
6 SPF, 60deg Phasing  
Penetration: 36"  
Entrance Hole: 0.34"  
CCL to top shot = 6.14m  
CCL stop depth = 3473.84m MDKB  
Gun shot at 3480m MDKB  
Crew: John Light, Kevin Kerr (Days)  
Darren Watts, Gary Martin (Nights)

R2  
R3  
R4  
R5  
R6  
R7  
R8  
R9  
R10  
R11  
R12  
R13  
R15  
R16

### Other Services

None OS1

## Frame Summary      File: PERFO\_011LUP      Sequence: 3

### Origin: 71

<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	3510.38	3432.35 m	-60.0 (0.1 in) up	9	TDEP	60B
	11517.00	11261.00 ft				
BOREHOLE-DEPTH	3510.38	3432.23 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	11517.00	11260.58 ft				



## Verification Listing

Listing Completed: 18-JAN-2006 14:37:47