

Input Source: D:\OP_Folder\Clients\Eso2008\SNA_A7a\GUN\COMP_SNA_A7A_COMP_038.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **PERFO_011PUP** Sequence: **1**

Defining Origin: 37

File ID: PERFO_011PUP File Type: PLAYBACK

Producer Name: Schlumberger

Product/Version: OP 15C0-309

File Set: 41

File Number: 10

23-AUG-2008 14:15:04

Company Name: Esso Australia Pty Ltd.

Well Name: A-7a

Field Name: Snapper

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

Computations: WELLCAD, BORDYN

Error Summary File: **PERFO_011PUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **PERFO_011PUP** Sequence: **1**

Origin: 37

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-7a	WN
Field Name	Snapper	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	AUSL08356990	SON
Longitude	148 101'26.72"E	LONG
Latitude	038 11'43.23"S	LATI
Maximum Hole Deviation	64.0 (deg)	MHD
Elevation of Kelly Bushing	41.7 (m)	EKB
Elevation of Ground Level	-55.0 (m)	EGL
Elevation of Derrick Floor	41.7 (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	23-Aug-2008	DATE
Run Number	1 through 3	RUN
Total Depth - Driller	2931.0 (m)	TDD
Total Depth - Logger	2920.0 (m)	TDL
Bottom Log Interval	2920.0 (m)	BLI
Top Log Interval	2800.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	21.7 (m)	CDF
Casing Depth To	2984.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	2068.0 (m)	BSDF
Bit Size Depth To	3304.0 (m)	BSDT
Date Logger At Bottom	23-Aug-2008	DLAB, TLAB
Logging Unit Number	899	LUN, LUL
Engineer's Name	S gilbert.	ENGI
Witness's Name	B White	WITN
Service Order Number	AUSL08356990	SON

Mud Data

Mud Data		Production Fluids	DFT
Drilling Fluid Type		0.0 (degF)	MRT
Maximum Recorded Temperature		0.0 (degF)	MRT1
Date Logger At Bottom	23-Aug-2008	Time Logger At Bottom 22:30	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
Objective : Perforate the intervals 2862m to 2866.5m MDKB and 2876 to 2877.5m MDKB making 2 runs.			R2
Well perforated with 2 1/8" 45 deg phased Powerjet Guns			R3
Maximum Well Deviation = 64 @ 1749m MDKB			R4
CCL to Bottom of Dummy Gun = 2.85m			R5
GUN # 1			R6
Top shot @ 2862m MDKB	After shot- SBHT: degf		R7
CCL to Top shot = m	After shot- SBHP: psia		R8
CCL Stop Depth			R9
GUN # 2			R10
Top shot @ 2876m MDKB	After shot- SBHT: degf		R11
CCL to Top Shot = m	Afer Shot - SBHP: psia		R12
CCL Stop Depth = m MDKB			R13
Schlumberger Crew: J Light , C Shiells			R16
Other Services			
None			OS1

Frame Summary		File: PERFO_011PUP	Sequence: 1
Origin: 37			
<u>Index Type</u>	<u>Start</u>	<u>Stop</u>	<u>Spacing</u>
BOREHOLE-DEPTH	2919.83	2794.41 m	-60.0 (0.1 in) up
	9579.50	9168.00 ft	
BOREHOLE-DEPTH	2919.83	2794.58 m	-10.0 (0.1 in) up
	9579.50	9168.58 ft	
		<u>Channels</u>	<u>Index Channel</u>
		22	TDEP
			<u>Frame Name</u>
			60B
		10	TDEP;1
			10B

File Header		File: PERFO_019LUP	Sequence: 2
Defining Origin: 85			
File ID: PERFO_019LUP File Type: DEPTH LOG			
Producer Name: Schlumberger		Product/Version: OP 15C0-309	File Set: 41
		File Number: 18	23-AUG-2008 16:58:36
Company Name:	Esso Australia Pty Ltd.		
Well Name:	A-7a		
Field Name:	Snapper		
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA		
Computations:	WELLCAD, BORDYN		

Error Summary		File: PERFO_019LUP	Sequence: 2
No errors detected in file.			

Well Site Data		File: PERFO_019LUP	Sequence: 2
Origin: 85			

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-7a	WN
Field Name	Snapper	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	AUSL08356990	SON
Longitude	148 101'26.72"E	LONG
Latitude	038 11'43.23"S	LATI
Maximum Hole Deviation	64.0 (deg)	MHD
Elevation of Kelly Bushing	41.7 (m)	EKB
Elevation of Ground Level	-55.0 (m)	EGL
Elevation of Derrick Floor	41.7 (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 41.7 (m)		
Above Permanent Datum 0.0 (m)		

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

Job Data

Date as Month-Day-Year	23-Aug-2008	DATE
Run Number	1 through 3	RUN
Total Depth - Driller	2931.0 (m)	TDD
Total Depth - Logger	2918.0 (m)	TDL
Bottom Log Interval	2918.0 (m)	BLI
Top Log Interval	2800.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	21.7 (m)	CDF
Casing Depth To	2984.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	2068.0 (m)	BSDF
Bit Size Depth To	3304.0 (m)	BSDT
Date Logger At Bottom	23-Aug-2008	DLAB, TLAB
Logging Unit Number	899	LUN, LUL
Engineer's Name	S gilbert.	ENGI
Witness's Name	B White	WITN
Service Order Number	AUSL08356990	SON
Time Logger At Bottom 14:00		
Logging Unit Location Prod4		

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	0.0 (degF)	MRT
	0.0 (degF)	MRT1
Date Logger At Bottom	23-Aug-2008	DLAB, TLAB
Time Logger At Bottom 14:00		

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
Objective : Perforate the intervals 2862m to 2866.5m MDKB and 2876 to 2877.5m MDKB making 2 runs.	R2
Well perforated with 2 1/8" 45 deg phased Powerjet Guns	R3
Maximum Well Deviation = 64 @ 1749m MDKB	R4
CCL to Bottom of Dummy Gun = 2.85m	R5
GUN # 1	R6
Top shot @ 2862m MDKB	R7
After shot- SBHT: degf	R7
CCL to Top shot =3. 5 m	R8
After shot- SBHP: psia	R8
CCL Stop Depth = 2858.5m MDKB	R9
GUN # 2	R10
Top shot @ 2876m MDKB	R11
After shot- SBHT: degf	R11
CCL to Top Shot = m	R12
Afer Shot - SBHP: psia	R12
CCL Stop Depth = m MDKB	R13
Schlumberger Crew: J Light , C Shiells	R16

Other Services

None	OS1
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Frame Summary		File: PERFO_019LUP		Sequence: 2		
Origin: 85						
<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	2901.54	2822.14 m	-60.0 (0.1 in) up	22	TDEP	60B
	9519.50	9259.00 ft				
BOREHOLE-DEPTH	2901.54	2822.17 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	9519.50	9259.08 ft				

File Header		File: PERFO_021LUP		Sequence: 3		
Defining Origin: 85						
File ID: PERFO_021LUP File Type: DEPTH LOG						
Producer Name: Schlumberger		Product/Version: OP 15C0-309		File Set: 41	File Number: 20	23-AUG-2008 17:13:14
Company Name:	Esso Australia Pty Ltd.					
Well Name:	A-7a					
Field Name:	Snapper					
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA					
Computations:	WELLCAD, BORDYN					

Error Summary	File: PERFO_021LUP	Sequence: 3
No errors detected in file.		

Well Site Data		File: PERFO_021LUP	Sequence: 3
Origin: 85			
Well Data			
Company Name	Esso Australia Pty Ltd.		CN
Well Name	A-7a		WN
Field Name	Snapper		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	AUSL08356990		SON
Longitude	148 101'26.72"E		LONG
Latitude	038 11'43.23"S		LATI
Maximum Hole Deviation	64.0 (deg)		MHD
Elevation of Kelly Bushing	41.7 (m)		EKB
Elevation of Ground Level	-55.0 (m)		EGL
Elevation of Derrick Floor	41.7 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 41.7 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum 0.0 (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	23-Aug-2008		DATE
Run Number	1 through 3		RUN
Total Depth - Driller	2931.0 (m)		TDD
Total Depth - Logger	2918.0 (m)		TDL
Bottom Log Interval	2918.0 (m)		BLI
Top Log Interval	2800.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	21.7 (m)		CDF
Casing Depth To	2984.0 (m)		CADT
Casing Grade	L-80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS

Bit Size Depth From	2068.0 (m)			BSD
Bit Size Depth To	3304.0 (m)			BSDT
Date Logger At Bottom	23–Aug–2008	Time Logger At Bottom	14:00	DLAB, TLAB
Logging Unit Number	899	Logging Unit Location	Prod4	LUN, LUL
Engineer's Name	S gilbert.			ENGI
Witness's Name	B White			WITN
Service Order Number	AUSL08356990			SON
Mud Data				
Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	0.0 (degF)			MRT
	0.0 (degF)			MRT1
Date Logger At Bottom	23–Aug–2008	Time Logger At Bottom	14:00	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			CJT
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.				R1
Objective : Perforate the intervals 2862m to 2866.5m MDKB and 2876 to 2877.5m MDKB making 2 runs.				R2
Well perforated with 2 1/8" 45 deg phased Powerjet Guns				R3
Maximum Well Deviation = 64 @ 1749m MDKB				R4
CCL to Bottom of Dummy Gun = 2.85m				R5
GUN # 1				R6
Top shot @ 2862m MDKB	After shot– SBHT: degf			R7
CCL to Top shot =3. 5 m	After shot– SBHP: psia			R8
CCL Stop Depth = 2858.5m MDKB				R9
GUN # 2				R10
Top shot @ 2876m MDKB	After shot– SBHT: degf			R11
CCL to Top Shot = m	Afer Shot – SBHP: psia			R12
CCL Stop Depth = m MDKB				R13
Schlumberger Crew: J Light , C Shiells				R16
Other Services				
None				OS1

Frame Summary File: PERFO_021LUP Sequence: 3						
Origin: 85						
<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	2900.32	2821.53 m	–60.0 (0.1 in) up	22	TDEP	60B
	9515.50	9257.00 ft				
BOREHOLE–DEPTH	2900.32	2821.56 m	–10.0 (0.1 in) up	10	TDEP;1	10B
	9515.50	9257.08 ft				

File Header		File: PERFO_022LTP	Sequence: 4
Defining Origin: 85			
File ID: PERFO_022LTP		File Type: STATION	
Producer Name: Schlumberger		Product/Version: OP 15C0–309	File Set: 41
		File Number: 21	23–AUG–2008 17:18:57
Company Name:	Esso Australia Pty Ltd.		
Well Name:	A–7a		
Field Name:	Snapper		
Tool String:	MWP_GUN, MWPT–CA, MWGT–AA		
Computations:	WELLCAD, BORDYN		

Error Summary File: PERFO_022LTP Sequence: 4						
No errors detected in file.						

Well Site Data File: PERFO_022LTP Sequence: 4						
Origin: 85						
Well Data						
Company Name	Esso Australia Pty Ltd.					

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-7a	WN
Field Name	Snapper	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	AUSL08356990	SON
Longitude	148 101'26.72"E	LONG
Latitude	038 11'43.23"S	LATI
Maximum Hole Deviation	64.0 (deg)	MHD
Elevation of Kelly Bushing	41.7 (m)	EKB
Elevation of Ground Level	-55.0 (m)	EGL
Elevation of Derrick Floor	41.7 (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 41.7 (m)		
Above Permanent Datum 0.0 (m)		

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

Job Data

Date as Month–Day–Year	23–Aug–2008		DATE
Run Number	1 through 3		RUN
Total Depth – Driller	2931.0 (m)		TDD
Total Depth – Logger	2918.0 (m)		TDL
Bottom Log Interval	2918.0 (m)		BLI
Top Log Interval	2800.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	21.7 (m)		CDF
Casing Depth To	2984.0 (m)		CADT
Casing Grade	L–80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	2068.0 (m)		BSDF
Bit Size Depth To	3304.0 (m)		BSDT
Date Logger At Bottom	23–Aug–2008	Time Logger At Bottom 14:00	DLAB, TLAB
Logging Unit Number	899	Logging Unit Location Prod4	LUN, LUL
Engineer's Name	S gilbert.		ENGI
Witness's Name	B White		WITN
Service Order Number	AUSL08356990		SON

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	0.0 (degF)		MRT
	0.0 (degF)		MRT1
Date Logger At Bottom	23–Aug–2008	Time Logger At Bottom 14:00	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
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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
Objective : Perforate the intervals 2862m to 2866.5m MDKB and 2876 to 2877.5m MDKB making 2 runs.		R2
Well perforated with 2 1/8" 45 deg phased Powerjet Guns		R3
Maximum Well Deviation = 64 @ 1749m MDKB		R4
CCL to Bottom of Dummy Gun = 2.85m		R5
GUN # 1		R6
Top shot @ 2862m MDKB	After shot– SBHT: degf	R7
CCL to Top shot =3. 5 m	After shot– SBHP: psia	R8
CCL Stop Depth = 2858.5m MDKB		R9
GUN # 2		R10
Top shot @ 2876m MDKB	After shot– SBHT: degf	R11
CCL to Top Shot = m	Afer Shot – SBHP: psia	R12
CCL Stop Depth = m MDKB		R13
Schlumberger Crew: J Light , C Shiells		R16

Other Services

None		OS1
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Origin: 85

<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	2953.43	3918.43 s	2000.0 (0.5 ms)	7	TIME;2	2000T
TIME	2953.43	3918.43 s	1000.0 (0.5 ms)	14	TIME;4	1000T
TIME	2953.43	3918.43 s	500.0 (0.5 ms)	4	TIME;5	500T

File HeaderFile: PERFO_034LUPSequence: 5

Defining Origin: 109

File ID: PERFO_034LUP	File Type: DEPTH LOG				
Producer Name: Schlumberger	Product/Version: OP 15C0-309	File Set: 41	File Number: 33	24-AUG-2008 10:42:47	
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A-7a				
Field Name:	Snapper				
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA				
Computations:	WELLCAD, BORDYN				

Error SummaryFile: PERFO_034LUPSequence: 5

No errors detected in file.

Well Site DataFile: PERFO_034LUPSequence: 5

Origin: 109

Well Data

Company Name	Esso Australia Pty Ltd.		CN
Well Name	A-7a		WN
Field Name	Snapper		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	AUSL08356990		SON
Longitude	148 101'26.72"E		LONG
Latitude	038 11'43.23"S		LATI
Maximum Hole Deviation	64.0 (deg)		MHD
Elevation of Kelly Bushing	41.7 (m)		EKB
Elevation of Ground Level	-55.0 (m)		EGL
Elevation of Derrick Floor	41.7 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 41.7 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum 0.0 (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	23-Aug-2008		DATE
Run Number	1 through 3		RUN
Total Depth - Driller	2931.0 (m)		TDD
Total Depth - Logger	2918.0 (m)		TDL
Bottom Log Interval	2918.0 (m)		BLI
Top Log Interval	2800.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	21.7 (m)		CDF
Casing Depth To	2984.0 (m)		CADT
Casing Grade	L-80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI

Bit Size	8.50 (in)				BS
Bit Size Depth From	2068.0 (m)				BSDF
Bit Size Depth To	3304.0 (m)				BSDT
Date Logger At Bottom	23–Aug–2008	Time Logger At Bottom	14:00		DLAB, TLAB
Logging Unit Number	899	Logging Unit Location	Prod4		LUN, LUL
Engineer's Name	S gilbert.				ENGI
Witness's Name	B White				WITN
Service Order Number	AUSL08356990				SON
Mud Data					
Drilling Fluid Type	Production Fluids				DFT
Maximum Recorded Temperature	0.0 (degF)				MRT
	0.0 (degF)				MRT1
Date Logger At Bottom	23–Aug–2008	Time Logger At Bottom	14:00		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
Objective : Perforate the intervals 2862m to 2866.5m MDKB and 2876 to 2877.5m MDKB making 2 runs.					R2
Well perforated with 2 1/8" 45 deg phased Powerjet Guns					R3
Maximum Well Deviation = 64 @ 1749m MDKB					R4
CCL to Bottom of Dummy Gun = 2.85m					R5
GUN # 1					R6
Top shot @ 2862m MDKB	After shot– SBHT: 241.8 degf				R7
CCL to Top shot =3. 5 m	After shot– SBHP: 2439.1 psia				R8
CCL Stop Depth = 2858.5m MDKB					R9
GUN # 2					R10
Top shot @ 2876m MDKB	After shot– SBHT: degf				R11
CCL to Top Shot =3.5 m	Afer Shot – SBHP: psia				R12
CCL Stop Depth = 2872.5m MDKB					R13
Schlumberger Crew: J Light , C Shiells					R16
Other Services					
None					OS1
Frame Summary File: PERFO_034LUP Sequence: 5					
Origin: 109					
Index Type	Start	Stop	Spacing	Channels	Index Channel
BOREHOLE–DEPTH	2911.60	2851.40 m	–60.0 (0.1 in) up	22	TDEP
	9552.50	9355.00 ft			
BOREHOLE–DEPTH	2911.60	2851.43 m	–10.0 (0.1 in) up	10	TDEP;1
	9552.50	9355.08 ft			
File Header File: PERFO_035LUP Sequence: 6					
Defining Origin: 109					
File ID: PERFO_035LUP File Type: DEPTH LOG					
Producer Name: Schlumberger		Product/Version: OP 15C0–309		File Set: 41	File Number: 34 24–AUG–2008 10:56:10
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A–7a				
Field Name:	Snapper				
Tool String:	MWP_GUN, MWPT–CA, MWGT–AA				
Computations:	WELLCAD, BORDYN				
Error Summary File: PERFO_035LUP Sequence: 6					
No errors detected in file					

Well Site DataFile: **PERFO_035LUP** Sequence: **6****Origin: 109****Well Data**

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-7a	WN
Field Name	Snapper	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	AUSL08356990	SON
Longitude	148 101'26.72"E	LONG
Latitude	038 11'43.23"S	LATI
Maximum Hole Deviation	64.0 (deg)	MHD
Elevation of Kelly Bushing	41.7 (m)	EKB
Elevation of Ground Level	-55.0 (m)	EGL
Elevation of Derrick Floor	41.7 (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 41.7 (m)		
Above Permanent Datum 0.0 (m)		

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

Job Data

Date as Month-Day-Year	23-Aug-2008	DATE
Run Number	1 through 3	RUN
Total Depth - Driller	2931.0 (m)	TDD
Total Depth - Logger	2918.0 (m)	TDL
Bottom Log Interval	2918.0 (m)	BLI
Top Log Interval	2800.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	21.7 (m)	CDF
Casing Depth To	2984.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	2068.0 (m)	BSDF
Bit Size Depth To	3304.0 (m)	BSDT
Date Logger At Bottom	23-Aug-2008	DLAB, TLAB
Logging Unit Number	899	LUN, LUL
Engineer's Name	S gilbert.	ENGI
Witness's Name	B White	WITN
Service Order Number	AUSL08356990	SON
Time Logger At Bottom 14:00		
Logging Unit Location Prod4		

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	0.0 (degF)	MRT
	0.0 (degF)	MRT1
Date Logger At Bottom	23-Aug-2008	DLAB, TLAB
Time Logger At Bottom 14:00		

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
Objective : Perforate the intervals 2862m to 2866.5m MDKB and 2876 to 2877.5m MDKB making 2 runs.	R2
Well perforated with 2 1/8" 45 deg phased Powerjet Guns	R3
Maximum Well Deviation = 64 @ 1749m MDKB	R4
CCL to Bottom of Dummy Gun = 2.85m	R5
GUN # 1	R6
Top shot @ 2862m MDKB	R7
CCL to Top shot = 3.5 m	R8
CCL Stop Depth = 2858.5m MDKB	R9
GUN # 2	R10
Top shot @ 2876m MDKB	R11
CCL to Top Shot = 3.5 m	R12
After shot- SBHT: 241.8 degf	
After shot- SBHP: 2439.1 psia	
After shot- SBHT: degf	
Afer Shot - SBHP: psia	

CCL to Top Shot = 2872.5m MDKB	R12
Schlumberger Crew: J Light , C Shiells	R13
	R16
Other Services	
None	OS1

Frame Summary						
File: PERFO_035LUP		Sequence: 6				
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	2909.32	2844.09 m	-60.0 (0.1 in) up	22	TDEP	60B
	9545.00	9331.00 ft				
BOREHOLE-DEPTH	2909.32	2844.11 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	9545.00	9331.08 ft				

File Header	File: PERFO_036LTP	Sequence: 7
Defining Origin: 109		
File ID: PERFO_036LTP	File Type: STATION	
Producer Name: Schlumberger	Product/Version: OP 15C0-309	File Set: 41
		File Number: 35
		24-AUG-2008 11:04:22
Company Name:	Esso Australia Pty Ltd.	
Well Name:	A-7a	
Field Name:	Snapper	
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA	
Computations:	WELLCAD, BORDYN	

Error Summary	File: PERFO_036LTP	Sequence: 7
No errors detected in file.		

Well Site Data	File: PERFO_036LTP	Sequence: 7
Origin: 109		
Well Data		
Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-7a	WN
Field Name	Snapper	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	AUSL08356990	SON
Longitude	148 101'26.72"E	LONG
Latitude	038 11'43.23"S	LATI
Maximum Hole Deviation	64.0 (deg)	MHD
Elevation of Kelly Bushing	41.7 (m)	EKB
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Elevation of Derrick Floor	41.7 (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 41.7 (m)	
	Above Permanent Datum 0.0 (m)	
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN		

Job Data		
Date as Month-Day-Year	23-Aug-2008	DATE
Run Number	1 through 3	RUN
Total Depth - Driller	2931.0 (m)	TDD
Total Depth - Logger	2918.0 (m)	TDL
Bottom Log Interval	2918.0 (m)	BLI
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Casing Depth From	21.7 (m)	CDF
Casing Depth To	2984.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	2068.0 (m)	BSDF

Bit Size Depth To	3304.0 (m)			BSDT
Date Logger At Bottom	23-Aug-2008	Time Logger At Bottom	14:00	DLAB, TLAB
Logging Unit Number	899	Logging Unit Location	Prod4	LUN, LUL
Engineer's Name	S gilbert.			ENGI
Witness's Name	B White			WITN
Service Order Number	AUSL08356990			SON

Mud Data

Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	0.0 (degF)			MRT
	0.0 (degF)			MRT1
Date Logger At Bottom	23-Aug-2008	Time Logger At Bottom	14:00	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
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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
Objective : Perforate the intervals 2862m to 2866.5m MDKB and 2876 to 2877.5m MDKB making 2 runs.	R2
Well perforated with 2 1/8" 45 deg phased Powerjet Guns	R3
Maximum Well Deviation = 64 @ 1749m MDKB	R4
CCL to Bottom of Dummy Gun = 2.85m	R5
GUN # 1	R6
Top shot @ 2862m MDKB	R7
After shot- SBHT: 241.8 degf	
CCL to Top shot =3. 5 m	R8
After shot- SBHP: 2439.1 psia	
CCL Stop Depth = 2858.5m MDKB	R9
GUN # 2	R10
Top shot @ 2876m MDKB	R11
After shot- SBHT: degf	
CCL to Top Shot =3.5 m	R12
Afer Shot - SBHP: psia	
CCL Stop Depth = 2872.5m MDKB	R13
Schlumberger Crew: J Light , C Shiells	R16

Other Services

None				OS1
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Frame Summary File: PERFO_036LTP Sequence: 7

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>
TIME	3998.12	4639.12 s	2000.0 (0.5 ms)	7	TIME;2	2000T
TIME	3998.12	4639.12 s	1000.0 (0.5 ms)	14	TIME;4	1000T
TIME	3998.12	4639.12 s	500.0 (0.5 ms)	4	TIME;5	500T



Verification Listing

Listing Completed: 24-AUG-2008 11:30:10