

Input Source: D:\OP_Folder\Clients\Essco_Australia_Pty_Ltd\Sna A1a\GUN\COMP_SNA_A1a_PERFO_042.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **PERFO_009LUP** Sequence: **1**

Defining Origin: 88

File ID: PERFO_009LUP File Type: DEPTH LOG

Producer Name: Schlumberger

Product/Version: OP 16C0-147

File Set: 41

File Number: 8

4-SEP-2008 13:58:25

Company Name: Esso Australia Pty Ltd
Well Name: Snapper A1a
Field Name: Snapper
Tool String: SHM_GUN, PGGT-D
Computations: WELLCAD

Error Summary File: **PERFO_009LUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **PERFO_009LUP** Sequence: **1**

Origin: 88

Well Data

Company Name	Esso Australia Pty Ltd	CN
Well Name	Snapper A1a	WN
Field Name	Snapper	FN
Rig:	Nabors 175	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	GDA94/MGA94 Zone55	FL
	N:5,772,180.379m	FL1
	E:589,787.584m	FL2
Service Order Number	Ausl08390603	SON
Longitude	148 1'31.298"E	LONG
Latitude	38 11'37.840"S	LATI
Maximum Hole Deviation	37.5 (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	Mean Sea Level	PDAT, EPD
Log Measured From	Drill Floor	LMF, APD
Drilling Measured From	Drill Floor	DMF
	Elevation of Permanent Datum 0.0 (m)	
	Above Permanent Datum -41.7 (m)	

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

Job Data

Date as Month-Day-Year	3-Sep-2008	DATE
Run Number	1 through 5	RUN
Total Depth - Driller	2819.0 (m)	TDD
Bottom Log Interval	2819.0 (m)	BLI
Top Log Interval	1400.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	21.0 (m)	CDF
Casing Depth To	2795.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	21.0 (m)	BSDF
Bit Size Depth To	2819.0 (m)	BSDT
Date Logger At Bottom	3-Sep-2008	DLAB
Logging Unit Number	3829	LUN, LUL
Engineer's Name	B.Donahoe, S.Gilbert	ENGI
Witness's Name	Mr D.Daniels, Mr R.Spence	WITN
Service Order Number	Ausl08390603	SON

Absent Valued Parameters: TDL, TLAB

Mud Data			
Drilling Fluid Type	OMB		DFT
Drilling Fluid Density	8.55 (lbm/gal)		DFD
Date Logger At Bottom	3-Sep-2008		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 Exxon mobile Correlation Log supplied with Logging Program			R1
Objective: Run a 6" Junk Basket and gauge ring to HUD to ensure access for Completion and Perforation Guns.			R2
Perforate the well over the intervals 2564m to 2567.5m MDKB and 2374.5m to 2377.5m MDKB using			R3
4.5" 12 SPF 135/45 Degree Phased HSD Guns . Run 6" Gauge ring to HUD to ensure access for completion .			R4
Maximum Well deviation = 37.5 degees			R5
HUD:			R6
Junk Basket – CCL to Bottom of Tool = m			R7
Gun # 1			R8
Top Shot @ 2564m MDKB			R9
CCL to Top Shot = m			R10
CCL Stop Depth = m MDKB			R11
Gun # 2			R12
Top Shot @ 2374.5m MDKB			R13
CCL to Top Shot = m			R14
CCL Stop Depth = m MDKB			R15
Schlumberger Crew – P Flood , R Tompson (Days)			R16
– L Dooly , M Hancock			R17

Frame Summary File: PERFO_009LUP Sequence: 1						
Origin: 88						
<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	2822.45	2288.74 m	-60.0 (0.1 in) up	11	TDEP	60B
	9260.00	7509.00 ft				
BOREHOLE-DEPTH	2822.45	2288.62 m	-10.0 (0.1 in) up	8	TDEP;1	10B
	9260.00	7508.58 ft				

File Header File: PERFO_019LUP Sequence: 2				
Defining Origin: 17				
File ID: PERFO_019LUP File Type: DEPTH LOG				
Producer Name: Schlumberger		Product/Version: OP 16C0-147	File Set: 41	File Number: 18 5-SEP-2008 1:58:47
Company Name:	Esso Australia Pty Ltd			
Well Name:	Snapper A1a			
Field Name:	Snapper			
Tool String:	SHM_GUN, PGGT-D			
Computations:	WELLCAD			

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

Well Site Data File: PERFO_019LUP Sequence: 2		
Origin: 17		

Well Data

Company Name	Esso Australia Pty Ltd	CN
Well Name	Snapper A1a	WN
Field Name	Snapper	FN
Rig:	Nabors 175	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	GDA94/MGA94 Zone55	FL
	N:5,772,180.379m	FL1
	E:589,787.584m	FL2
Service Order Number	Ausl08390603	SON
Longitude	148 1'31.298"E	LONG
Latitude	38 11'37.840"S	LATI
Maximum Hole Deviation	37.5 (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	Mean Sea Level	PDAT, EPD
Log Measured From	Drill Floor	LMF, APD
Drilling Measured From	Drill Floor	DMF
	Elevation of Permanent Datum 0.0 (m)	
	Above Permanent Datum -41.7 (m)	

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

Job Data

Date as Month-Day-Year	3-Sep-2008	DATE
Run Number	1 through 5	RUN
Total Depth - Driller	2819.0 (m)	TDD
Bottom Log Interval	2819.0 (m)	BLI
Top Log Interval	1400.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	21.0 (m)	CDF
Casing Depth To	2795.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	21.0 (m)	BSDF
Bit Size Depth To	2819.0 (m)	BSDT
Date Logger At Bottom	3-Sep-2008	DLAB
Logging Unit Number	3829	LUN, LUL
Engineer's Name	B.Donahoe, S.Gilbert	ENGI
Witness's Name	Mr D.Daniels, Mr R.Spence	WITN
Service Order Number	Ausl08390603	SON
	Logging Unit Location AUSL	

Absent Valued Parameters: TDL, TLAB

Mud Data

Drilling Fluid Type	OMB	DFT
Drilling Fluid Density	8.55 (lbm/gal)	DFD
Date Logger At Bottom	3-Sep-2008	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
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Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA

Remarks

Log Correlated to Exxon mobile Correlation Log supplied with Logging Program	R1
Objective: Run a 6" Junk Basket and gauge ring to HUD to ensure access for Completion and Perforation Guns.	R2
Perforate the well over the intervals 2564m to 2567.5m MDKB and 2374.5m to 2377.5m MDKB using	R3
4.5" 12 SPF 135/45 Degree Phased HSD Guns . Run 6" Gauge ring to HUD to ensure access for completion .	R4
Maximum Well deviation = 37.5 degees	R5
HUD: 2765m MDKB	R6
Junk Basket - CCL to Bottom of Tool = m	R7
Gun # 1	R8
Top Shot @ 2564m MDKB	R9
CCL to Top Shot = 1.1 m	R10
CCL Stop Depth = m MDKB	R11
Gun # 2	R12
Top Shot @ 2374.5m MDKB	R13
CCL to Top Shot = m	R14
CCL Stop Depth = m MDKB	R15
Schlumberger Crew - P Flood , R Tompson , S Kiss (Days)	R16
- L Dooly , M Hancock	R17

Frame Summary		File: PERFO_019LUP		Sequence: 2		
Origin: 17						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2585.92	2538.83 m	-60.0 (0.1 in) up	11	TDEP	60B
	8484.00	8329.50 ft				
BOREHOLE-DEPTH	2585.92	2539.01 m	-10.0 (0.1 in) up	8	TDEP;1	10B
	8484.00	8330.08 ft				

File Header		File: PERFO_020LUP		Sequence: 3		
Defining Origin: 17						
File ID: PERFO_020LUP File Type: DEPTH LOG						
Producer Name: Schlumberger		Product/Version: OP 16C0-147		File Set: 41	File Number: 19	5-SEP-2008 2:06:53
Company Name:		Esso Australia Pty Ltd				
Well Name:		Snapper A1a				
Field Name:		Snapper				
Tool String:		SHM_GUN, PGGT-D				
Computations:		WELLCAD				

Error Summary	File: PERFO_020LUP	Sequence: 3
No errors detected in file.		

Well Site Data

File: PERFO_020LUP

Sequence: 3

Origin: 17

Well Data

Company Name	Esso Australia Pty Ltd	CN
Well Name	Snapper A1a	WN
Field Name	Snapper	FN
Rig:	Nabors 175	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	GDA94/MGA94 Zone55	FL
	N:5,772,180.379m	FL1
	E:589,787.584m	FL2
Service Order Number	Ausl08390603	SON
Longitude	148 1'31.298"E	LONG
Latitude	38 11'37.840"S	LATI
Maximum Hole Deviation	37.5 (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	Mean Sea Level	PDAT, EPD
Log Measured From	Drill Floor	LMF, APD
Drilling Measured From	Drill Floor	DMF
Elevation of Permanent Datum 0.0 (m)		
Above Permanent Datum -41.7 (m)		

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

Job Data

Date as Month-Day-Year	3-Sep-2008	DATE
Run Number	1 through 5	RUN
Total Depth - Driller	2819.0 (m)	TDD
Bottom Log Interval	2819.0 (m)	BLI
Top Log Interval	1400.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	21.0 (m)	CDF
Casing Depth To	2795.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	21.0 (m)	BSDF

Bit Size Depth To2819.0 (m)
Date Logger At Bottom3-Sep-2008
Logging Unit Number3829
Engineer's NameB.Donahoe, S.Gilbert
Witness's NameMr D.Daniels, Mr R.Spence
Service Order NumberAusl08390603

Logging Unit LocationAUSL

BSDT
DLAB
LUN, LUL
ENGI
WITN
SON

Absent Valued Parameters: TDL, TLAB

Mud Data

Drilling Fluid TypeOMB
Drilling Fluid Density8.55 (lbm/gal)
Date Logger At Bottom3-Sep-2008

DFT
DFD
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 TypePrimary

CJT

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

Remarks

Log Correlated to Exxon mobile Correlation Log supplied with Logging Program
Objective: Run a 6" Junk Basket and gauge ring to HUD to ensure access for Completion and Perforation Guns.
Perforate the well over the intervals 2564m to 2567.5m MDKB and 2374.5m to 2377.5m MDKB using
4.5" 12 SPF 135/45 Degree Phased HSD Guns . Run 6" Gauge ring to HUD to ensure access for completion .
Maximum Well deviation = 37.5 degees
HUD: 2765m MDKB
Junk Basket – CCL to Bottom of Tool = m
Gun # 1
Top Shot @ 2564m MDKB
CCL to Top Shot = 1.1 m
CCL Stop Depth = m MDKB
Gun # 2
Top Shot @ 2374.5m MDKB
CCL to Top Shot = m
CCL Stop Depth = m MDKB
Schlumberger Crew – P Flood , R Tompson , S Kiss (Days)
– L Dooly , M Hancock

R1
R2
R3
R4
R5
R6
R7
R8
R9
R10
R11
R12
R13
R14
R15
R16
R17

Frame Summary File: PERFO_020LUP Sequence: 3						
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	2601.93	2542.79 m	-60.0 (0.1 in) up	11	TDEP	60B
	8536.50	8342.50 ft				
BOREHOLE-DEPTH	2601.93	2542.97 m	-10.0 (0.1 in) up	8	TDEP;1	10B
	8536.50	8343.08 ft				

File Header

File: PERFO_028LUP Sequence: 4

Defining Origin: 10

File ID: PERFO_028LUP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 16C0-147 File Set: 41 File Number: 27 5-SEP-2008 5:41:51
Company Name: Esso Australia Pty Ltd
Well Name: Snapper A1a
Field Name: Snapper
Tool String: SHM_GUN, PGGT-D
Computations: WELLCAD

Error Summary File: PERFO_028LUP Sequence: 4	
No errors detected in file.	

Well Site Data

File: PERFO_028LUP Sequence: 4

Origin: 10

Well Data

Company NameEsso Australia Pty Ltd

Company Name	Essso Australia Pty Ltd		CN
Well Name	Snapper A1a		WN
Field Name	Snapper		FN
Rig:	Nabors 175		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	GDA94/MGA94 Zone55		FL
	N:5,772,180.379m		FL1
	E:589,787.584m		FL2
Service Order Number	Ausl08390603		SON
Longitude	148 1'31.298"E		LONG
Latitude	38 11'37.840"S		LATI
Maximum Hole Deviation	37.5 (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	Mean Sea Level	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	Drill Floor	Above Permanent Datum -41.7 (m)	LMF, APD
Drilling Measured From	Drill Floor		DMF

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

Job Data

Date as Month–Day–Year	3–Sep–2008		DATE
Run Number	1 through 5		RUN
Total Depth – Driller	2819.0 (m)		TDD
Bottom Log Interval	2819.0 (m)		BLI
Top Log Interval	1400.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	21.0 (m)		CDF
Casing Depth To	2795.0 (m)		CADT
Casing Grade	L–80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	21.0 (m)		BSDF
Bit Size Depth To	2819.0 (m)		BSDT
Date Logger At Bottom	3–Sep–2008		DLAB
Logging Unit Number	3829	Logging Unit Location AUSL	LUN, LUL
Engineer's Name	B.Donahoe, S.Gilbert		ENGI
Witness's Name	Mr D.Daniels, Mr R.Spence		WITN
Service Order Number	Ausl08390603		SON

Absent Valued Parameters: TDL, TLAB

Mud Data

Drilling Fluid Type	OMB		DFT
Drilling Fluid Density	8.55 (lbm/gal)		DFD
Date Logger At Bottom	3–Sep–2008		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
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Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA

Remarks

Log Correlated to Exxon mobile Correlation Log supplied with Logging Program		R1
Objective: Run a 6" Junk Basket and gauge ring to HUD to ensure access for Completion and Perforation Guns.		R2
Perforate the well over the intervals 2564m to 2567.5m MDKB and 2374.5m to 2377.5m MDKB using		R3
4.5" 12 SPF 135/45 Degree Phased HSD Guns . Run 6" Gauge ring to HUD to ensure access for completion .		R4
Maximum Well deviation = 37.5 degees		R5
HUD: 2765m MDKB		R6
Junk Basket – CCL to Bottom of Tool = m		R7
Gun # 1		R8
Top Shot @ 2564m MDKB		R9
CCL to Top Shot = 1.1 m		R10
CCL Stop Depth = 2562.9 m MDKB		R11
Gun # 2		R12
Top Shot @ 2374.5m MDKB		R13
CCL to Top Shot = 1.1 m		R14
CCL Stop Depth = 2373.4 m MDKB		R15
Schlumberger Crew – P Flood , R Tompson , S Kiss (Days)		R16
– L Dooly , M Hancock		R17

Origin: 10

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2400.45	2343.00 m	-60.0 (0.1 in) up	11	TDEP	60B
	7875.50	7687.00 ft				
BOREHOLE-DEPTH	2400.45	2343.18 m	-10.0 (0.1 in) up	8	TDEP;1	10B
	7875.50	7687.58 ft				

File Header

File: PERFO_029LUP Sequence: 5

Defining Origin: 10

File ID: PERFO_029LUP	File Type: DEPTH LOG				
Producer Name: Schlumberger	Product/Version: OP 16C0-147	File Set: 41	File Number: 28	5-SEP-2008	5:49:13
Company Name:	Esso Australia Pty Ltd				
Well Name:	Snapper A1a				
Field Name:	Snapper				
Tool String:	SHM_GUN, PGGT-D				
Computations:	WELLCAD				

Error Summary

File: PERFO_029LUP Sequence: 5

No errors detected in file.

Well Site Data

File: PERFO_029LUP Sequence: 5

Origin: 10

Well Data					
Company Name	Esso Australia Pty Ltd				CN
Well Name	Snapper A1a				WN
Field Name	Snapper				FN
Rig:	Nabors 175				CLAB, COUN
State:	Victoria				SLAB, STAT
Nation	Australia				NATI
Field Location	GDA94/MGA94 Zone55				FL
	N:5,772,180.379m				FL1
	E:589,787.584m				FL2
Service Order Number	Ausl08390603				SON
Longitude	148 1'31.298"E				LONG
Latitude	38 11'37.840"S				LATI
Maximum Hole Deviation	37.5 (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	Mean Sea Level	Elevation of Permanent Datum	0.0 (m)		PDAT, EPD
Log Measured From	Drill Floor	Above Permanent Datum	-41.7 (m)		LMF, APD
Drilling Measured From	Drill Floor				DMF

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

Job Data

Date as Month-Day-Year	3-Sep-2008	DATE
Run Number	1 through 5	RUN
Total Depth - Driller	2819.0 (m)	TDD
Bottom Log Interval	2819.0 (m)	BLI
Top Log Interval	1400.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	21.0 (m)	CDF
Casing Depth To	2795.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS

Absent Valued Parameters: TDL, TLAB

Absent Valued Parameters: DFL, DFP, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT, MRT1, MRT2, MRT3, DCS, TCS, TLAB

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

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

Log Correlated to Exxon mobile Correlation Log supplied with Logging Program	R1
Objective: Run a 6" Junk Basket and gauge ring to HUD to ensure access for Completion and Perforation Guns.	R2
Perforate the well over the intervals 2564m to 2567.5m MDKB and 2374.5m to 2377.5m MDKB using	R3
4.5" 12 SPF 135/45 Degree Phased HSD Guns . Run 6" Gauge ring to HUD to ensure access for completion .	R4
Maximum Well deviation = 37.5 degees	R5
HUD: 2765m MDKB	R6
Junk Basket – CCL to Bottom of Tool = m	R7
Gun # 1	R8
Top Shot @ 2564m MDKB	R9
CCL to Top Shot = 1.1 m	R10
CCL Stop Depth = 2562.9 m MDKB	R11
Gun # 2	R12
Top Shot @ 2374.5m MDKB	R13
CCL to Top Shot = 1.1 m	R14
CCL Stop Depth = 2373.4 m MDKB	R15
Schlumberger Crew – P Flood , R Tompson , S Kiss (Days)	R16
– L Dooly , M Hancock	R17

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2402.43	2346.50 m	-60.0 (0.1 in) up	11	TDEP	60B
	7882.00	7698.50 ft				
BOREHOLE-DEPTH	2402.43	2346.68 m	-10.0 (0.1 in) up	8	TDEP;1	10B
	7882.00	7699.08 ft				

File ID: PERFO_034LDP File Type: DEPTH LOG				
Producer Name: Schlumberger		Product/Version: OP 16C0-147	File Set: 41	File Number: 32
5-SEP-2008 7:48:09				
Company Name:	Esso Australia Pty Ltd			
Well Name:	Snapper A1a			
Field Name:	Snapper			
Tool String:	SHM_GUN, PGGT-D			
Computations:	WELLCAD			

Error Summary File: **PERFO_034LDP** Sequence: **6**

No errors detected in file

Well Site DataFile: **PERFO_034LDP** Sequence: **6****Origin: 35****Well Data**

Company Name	Esso Australia Pty Ltd	CN
Well Name	Snapper A1a	WN
Field Name	Snapper	FN
Rig:	Nabors 175	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	GDA94/MGA94 Zone55	FL
	N:5,772,180.379m	FL1
	E:589,787.584m	FL2
Service Order Number	Ausl08390603	SON
Longitude	148 1'31.298"E	LONG
Latitude	38 11'37.840"S	LATI
Maximum Hole Deviation	37.5 (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	Mean Sea Level	PDAT, EPD
Log Measured From	Drill Floor	LMF, APD
Drilling Measured From	Drill Floor	DMF
	Elevation of Permanent Datum 0.0 (m)	
	Above Permanent Datum -41.7 (m)	

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

Job Data

Date as Month-Day-Year	3-Sep-2008	DATE
Run Number	1 through 5	RUN
Total Depth - Driller	2819.0 (m)	TDD
Bottom Log Interval	2819.0 (m)	BLI
Top Log Interval	1400.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	21.0 (m)	CDF
Casing Depth To	2795.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	21.0 (m)	BSDF
Bit Size Depth To	2819.0 (m)	BSDT
Date Logger At Bottom	3-Sep-2008	DLAB
Logging Unit Number	3829	LUN, LUL
Engineer's Name	B.Donahoe, S.Gilbert	ENGI
Witness's Name	Mr D.Daniels, Mr R.Spence	WITN
Service Order Number	Ausl08390603	SON
	Logging Unit Location AUSL	

Absent Valued Parameters: TDL, TLAB

Mud Data

Drilling Fluid Type	OMB	DFT
Drilling Fluid Density	8.55 (lbm/gal)	DFD
Date Logger At Bottom	3-Sep-2008	DLAB

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

Remarks

Log Correlated to Exxon mobile Correlation Log supplied with Logging Program	R1
Objective: Run a 6" Junk Basket and gauge ring to HUD to ensure access for Completion and Perforation Guns.	R2
Perforate the well over the intervals 2564m to 2567.5m MDKB and 2374.5m to 2377.5m MDKB using	R3
4.5" 12 SPF 135/45 Degree Phased HSD Guns . Run 6" Gauge ring to HUD to ensure access for completion .	R4
Maximum Well deviation = 37.5 degees	R5
HUD: 2765m MDKB	R6
Junk Basket - CCL to Bottom of Tool = 2.3 m	R7
Gun # 1	R8
Top Shot @ 2564m MDKB	R9
CCL to Top Shot = 1.1 m	R10
CCL Stop Depth = 2562.9 m MDKB	R11
Gun # 2	R12

Top Shot @ 2374.5m MDKB
CCL to Top Shot = 1.1 m
CCL Stop Depth = 2373.4 m MDKB
Schlumberger Crew – P Flood , R Tompson , S Kiss (Days)
– L Dooly , M Hancock

R13
R14
R15
R16
R17

Other Services

Gyro Survey OS1

Frame Summary File: PERFO_034LDP Sequence: 6

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	57.61	2614.27 m	60.0 (0.1 in) down	11	TDEP	60B
	189.00	8577.00 ft				
BOREHOLE-DEPTH	57.61	2614.24 m	10.0 (0.1 in) down	5	TDEP;1	10B
	189.00	8576.92 ft				



Verification Listing

Listing Completed: 10-SEP-2008 10:44:25