

Input Source: D:\OP_Folder\Clients\Essco_Australia_Pty_Ltd\MKA_A12a\GUN\COMP_MKA_A12A_COMP_053.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **PERFO_022LUP** Sequence: **1**

Defining Origin: 41

File ID: PERFO_022LUP File Type: DEPTH LOG

Producer Name: Schlumberger

Product/Version: OP 17C0-154

File Set: 41

File Number: 21

13-DEC-2009 15:08:12

Company Name: Esso Australia Pty Ltd

Well Name: MKA A12a

Field Name: Mackerel

Tool String: SHM_GUN-2.5" Drift, UPCT-A

Computations: WELLCAD

Error Summary File: **PERFO_022LUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **PERFO_022LUP** Sequence: **1**

Origin: 41

Well Data

Company Name	Esso Australia Pty Ltd	CN
Well Name	MKA A12a	WN
Field Name	Mackerel	FN
Rig:	Rig 22/Prod 2	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Bass Strait	FL
	Gippsland	FL1
	Basin	FL2
Service Order Number	4500610525	SON
Longitude	148° 20' 28.54" E	LONG
Latitude	038° 28'50.13" S	LATI
Maximum Hole Deviation	53.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	MSL	PDAT, EPD
Log Measured From	D.F	LMF, APD
Drilling Measured From	K.B	DMF
	Elevation of Permanent Datum 0.0 (m)	
	Above Permanent Datum 39.5 (m)	

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

Job Data

Date as Month-Day-Year	13-Dec-2009	DATE
Run Number	1 & 2	RUN
Total Depth - Driller	3562.5 (m)	TDD
Total Depth - Logger	3560.0 (m)	TDL
Bottom Log Interval	3540.0 (m)	BLI
Top Log Interval	3400.0 (m)	TLI
Current Casing Size	3.50 (in)	CSIZ
Casing Depth From	20.8 (m)	CDF
Casing Depth To	3563.4 (m)	CADT
Casing Grade	J-55	CASG
Casing Weight	9.30 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	3325.0 (m)	BSDF
Bit Size Depth To	3629.0 (m)	BSDT
Date Logger At Bottom	13-Dec-2009	DLAB, TLAB
Logging Unit Number	3827	LUN, LUL
Engineer's Name	M.Pratt, S. Gilbert	ENGI
Witness's Name	M Wilson , A Smyth	WITN
Service Order Number	4500610525	SON

Mud Data

Mud Data		DFT
Drilling Fluid Type	Inhibited Sea Water	DFD
Drilling Fluid Density	8.55 (g/cm3)	DLAB, TLAB
Date Logger At Bottom	13-Dec-2009	
	Time Logger At Bottom 7:21	
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 Tubing Tally provided by client.		R1
Objective: Run 2.5" Drift run with Dummy Cutter Tool String.		R2
Cut production tubing above Packer @ 3540m MDKB to recover tubing		R3
Max deviation 53.4 deg @ 2950m MDKB		R4
Deviation 50-54 deg from 775m MDKB to TD		R5
CCL to Bottom of Dummy Cutter Tool String = 1.9m		R7
Powercutter:		R8
Top Shot @ 3540m MDKB.		R9
CCL to Top Shot: -- m		R10
CCL stop depth: 4534.1m MDKB.		R11
Secure Initiated		R12
SBL Crew -- Days: D. Watts, A Pratt		R16
Nights: P Battams , G Blandford		R17
Other Services		
None		OS1

Frame Summary File: PERFO_022LUP Sequence: 1						
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	3546.35	1747.57 m	-60.0 (0.1 in) up	9	TDEP	60B
	11635.00	5733.50 ft				
BOREHOLE-DEPTH	3546.35	1747.60 m	-10.0 (0.1 in) up	8	TDEP;1	10B
	11635.00	5733.58 ft				

File Header		File: PERFO_032LUP	Sequence: 2
Defining Origin: 38			
File ID: PERFO_032LUP File Type: DEPTH LOG			
Producer Name: Schlumberger		Product/Version: OP 17C0-154	File Set: 41 File Number: 31 13-DEC-2009 17:36:53
Company Name:	Esso Australia Pty Ltd		
Well Name:	MKA A12a		
Field Name:	Mackerel		
Tool String:	SHM_GUN, CCL-L		
Computations:	WELLCAD		

Error Summary File: PERFO_032LUP Sequence: 2		
No errors detected in file.		

Well Site Data File: PERFO_032LUP Sequence: 2		
Origin: 38		

Well Data

Company Name	Esso Australia Pty Ltd	CN
Well Name	MKA A12a	WN
Field Name	Mackerel	FN
Rig:	Rig 22/Prod 2	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Bass Strait	FL
	Gippsland	FL1
	Basin	FL2
Service Order Number	4500610525	SON
Longitude	148° 20' 28.54" E	LONG
Latitude	038° 28'50.13" S	LATI
Maximum Hole Deviation	53.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	MSL	PDAT, EPD
Log Measured From	D.F	LMF, APD
Drilling Measured From	K.B	DMF
	Elevation of Permanent Datum 0.0 (m)	
	Above Permanent Datum 39.5 (m)	

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

Job Data

Date as Month-Day-Year	13-Dec-2009	DATE
Run Number	1 & 2	RUN
Total Depth - Driller	3562.5 (m)	TDD
Total Depth - Logger	3560.0 (m)	TDL
Bottom Log Interval	3540.0 (m)	BLI
Top Log Interval	3400.0 (m)	TLI
Current Casing Size	3.50 (in)	CSIZ
Casing Depth From	20.8 (m)	CDF
Casing Depth To	3563.4 (m)	CADT
Casing Grade	J-55	CASG
Casing Weight	9.30 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	3325.0 (m)	BSDF
Bit Size Depth To	3629.0 (m)	BSDT
Date Logger At Bottom	13-Dec-2009	DLAB, TLAB
Logging Unit Number	3827	LUN, LUL
Engineer's Name	M.Pratt, S. Gilbert	ENGI
Witness's Name	M Wilson , A Smyth	WITN
Service Order Number	4500610525	SON
	Time Logger At Bottom 14:50	
	Logging Unit Location AUSL	

Mud Data

Drilling Fluid Type	Inhibited Sea Water	DFT
Drilling Fluid Density	8.55 (g/cm3)	DFD
Date Logger At Bottom	13-Dec-2009	DLAB, TLAB
	Time Logger At Bottom 14:50	

Absent Valued Parameters: DFV, DFL, DFPD, 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 provided by client.	R1
Objective: Run 2.5" Drift run with Dummy Cutter Tool String.	R2
Cut production tubing above Packer @ 3540m MDKB to recover tubing	R3
Max deviation 53.4 deg @ 2950m MDKB	R4
Deviation 50-54 deg from 775m MDKB to TD	R5
CCL to Bottom of Dummy Cutter Tool String = 1.9m	R7
Powercutter:	R8
Top Shot @ 3540m MDKB.	R9
CCL to Top Shot: 1.9 m	R10
CCL stop depth: 3538.8m MDKB.	R11
Secure Initiated	R12
SBL Crew --- Days: D. Watts, A Pratt	R16
Nights: P Battams , G Blandford	R17

Other Services

None	OS1
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Origin: 38						
<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	1804.42	1769.52 m	-60.0 (0.1 in) up	7	TDEP	60B
	5920.00	5805.50 ft				
BOREHOLE-DEPTH	1804.42	1769.54 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	5920.00	5805.58 ft				

File Header

File: PERFO_036LUP Sequence: 3

Defining Origin: 38					
File ID: PERFO_036LUP File Type: DEPTH LOG					
Producer Name: Schlumberger		Product/Version: OP 17C0-154		File Set: 41	File Number: 35 13-DEC-2009 18:07:56
Company Name: Esso Australia Pty Ltd					
Well Name: MKA A12a					
Field Name: Mackerel					
Tool String: SHM_GUN, CCL-L					
Computations: WELLCAD					

Error Summary

File: PERFO_036LUP Sequence: 3

No errors detected in file.

Well Site Data

File: PERFO_036LUP Sequence: 3

Origin: 38

Well Data

Company Name	Esso Australia Pty Ltd	CN
Well Name	MKA A12a	WN
Field Name	Mackerel	FN
Rig:	Rig 22/Prod 2	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Bass Strait	FL
	Gippsland	FL1
	Basin	FL2
Service Order Number	4500610525	SON
Longitude	148' 20' 28.54" E	LONG
Latitude	038' 28'50.13" S	LATI
Maximum Hole Deviation	53.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	MSL	PDAT, EPD
Log Measured From	D.F	LMF, APD
Drilling Measured From	K.B	DMF

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

Job Data

Date as Month-Day-Year	13-Dec-2009	DATE
Run Number	1 & 2	RUN
Total Depth - Driller	3562.5 (m)	TDD
Total Depth - Logger	3560.0 (m)	TDL
Bottom Log Interval	3540.0 (m)	BLI
Top Log Interval	3400.0 (m)	TLI
Current Casing Size	3.50 (in)	CSIZ
Casing Depth From	20.8 (m)	CDF
Casing Depth To	3563.4 (m)	CADT
Casing Grade	J-55	CASG
Casing Weight	9.30 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS

Bit Size Depth From	3325.0 (m)			BSDF
Bit Size Depth To	3629.0 (m)			BSDT
Date Logger At Bottom	13-Dec-2009	Time Logger At Bottom	14:50	DLAB, TLAB
Logging Unit Number	3827	Logging Unit Location	AUSL	LUN, LUL
Engineer's Name	M.Pratt, S. Gilbert			ENGI
Witness's Name	M Wilson , A Smyth			WITN
Service Order Number	4500610525			SON

Mud Data

Drilling Fluid Type	Inhibited Sea Water		DFT
Drilling Fluid Density	8.55 (g/cm3)		DFD
Date Logger At Bottom	13-Dec-2009	Time Logger At Bottom 14:50	DLAB, TLAB

Absent Valued Parameters: DFL, DFLPH, 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 provided by client.	R1
Objective: Run 2.5" Drift run with Dummy Cutter Tool String.	R2
Cut production tubing above Packer @ 3540m MDKB to recover tubing	R3
Max deviation 53.4 deg @ 2950m MDKB	R4
Deviation 50-54 deg from 775m MDKB to TD	R5
CCL to Bottom of Dummy Cutter Tool String = 1.9m	R7
Powercutter:	R8
Top Shot @ 3540m MDKB.	R9
CCL to Top Shot: 1.9 m	R10
CCL stop depth: 3538.1m MDKB.	R11
Secure Initiated	R12
SBL Crew -- Days: D. Watts, A Pratt	R16
Nights: P Battams , G Blandford	R17

Other Services

None OS1

Frame Summary

File: **PERFO 036LUP** Sequence: 3

Origin: 38

<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	3538.42	3485.24 m	-60.0 (0.1 in) up	7	TDEP	60B
	11609.00	11434.50 ft				
BOREHOLE-DEPTH	3538.42	3485.11 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	11609.00	11434.08 ft				

File Header

File: **PERFO 038LUP** Sequence: **4**

Defining Origin: 38

File ID: PERFO 038LUP File Type: DEPTH LOG

Producer Name: Schlumberger Product/Version: OP 17C0-154 File Set: 41 File Number: 37 13-DEC-2009 19:22:32

Company Name: Esso Australia Pty Ltd

Well Name: MKA A12a

Field Name: Mackerel

Tool String: SHM GUN, CCL-L

Computations: WELLCAD

Error Summary

File: **PERFO_038LUP** Sequence: **4**

No errors detected in file.

Origin: 38

Well Data

Company Name	Esso Australia Pty Ltd	CN
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Company Name	Esso Australia Pty Ltd	CN
Well Name	MKA A12a	WN
Field Name	Mackerel	FN
Rig:	Rig 22/Prod 2	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Bass Strait	FL
	Gippsland	FL1
	Basin	FL2
Service Order Number	4500610525	SON
Longitude	148° 20' 28.54" E	LONG
Latitude	038° 28'50.13" S	LATI
Maximum Hole Deviation	53.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	MSL	PDAT, EPD
Log Measured From	D.F	LMF, APD
Drilling Measured From	K.B	DMF
Elevation of Permanent Datum 0.0 (m)		
Above Permanent Datum 39.5 (m)		

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

Job Data

Date as Month–Day–Year	13–Dec–2009		DATE
Run Number	1 & 2		RUN
Total Depth – Driller	3562.5 (m)		TDD
Total Depth – Logger	3560.0 (m)		TDL
Bottom Log Interval	3540.0 (m)		BLI
Top Log Interval	3400.0 (m)		TLI
Current Casing Size	3.50 (in)		CSIZ
Casing Depth From	20.8 (m)		CDF
Casing Depth To	3563.4 (m)		CADT
Casing Grade	J–55		CASG
Casing Weight	9.30 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	3325.0 (m)		BSDF
Bit Size Depth To	3629.0 (m)		BSDT
Date Logger At Bottom	13–Dec–2009	Time Logger At Bottom 14:50	DLAB, TLAB
Logging Unit Number	3827	Logging Unit Location AUSL	LUN, LUL
Engineer's Name	M.Pratt, S. Gilbert		ENGI
Witness's Name	M Wilson , A Smyth		WITN
Service Order Number	4500610525		SON

Mud Data

Drilling Fluid Type	Inhibited Sea Water		DFT
Drilling Fluid Density	8.55 (g/cm3)		DFD
Date Logger At Bottom	13–Dec–2009	Time Logger At Bottom 14:50	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
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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 provided by client.	R1
Objective: Run 2.5" Drift run with Dummy Cutter Tool String.	R2
Cut production tubing above Packer @ 3540m MDKB to recover tubing	R3
Max deviation 53.4 deg @ 2950m MDKB	R4
Deviation 50–54 deg from 775m MDKB to TD	R5
CCL to Bottom of Dummy Cutter Tool String = 1.9m	R7
Powercutter:	R8
Top Shot @ 3540m MDKB.	R9
CCL to Top Shot: 1.9 m	R10
CCL stop depth: 3538.1m MDKB.	R11
Secure Initiated	R12
SBL Crew --- Days: D. Watts, A Pratt	R16
Nights: P Battams , G Blandford	R17

Other Services

None	OS1
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Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	3537.97	3474.87 m	-60.0 (0.1 in) up	7	TDEP	60B
	11607.50	11400.50 ft				
BOREHOLE-DEPTH	3537.97	3474.90 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	11607.50	11400.58 ft				

File Header	File: PERFO_045LUP	Sequence: 5
Defining Origin: 73		
File ID: PERFO_045LUP File Type: DEPTH LOG		
Producer Name: Schlumberger	Product/Version: OP 17C0-154	File Set: 41 File Number: 44 14-DEC-2009 1:07:41
Company Name:	Esso Australia Pty Ltd	
Well Name:	MKA A12a	
Field Name:	Mackerel	
Tool String:	SHM_GUN, CCL-L	
Computations:	WELLCAD	

Error Summary	File: PERFO_045LUP	Sequence: 5
No errors detected in file.		

Well Site Data	File: PERFO_045LUP	Sequence: 5
Origin: 73		
Well Data		
Company Name	Esso Australia Pty Ltd	CN
Well Name	MKA A12a	WN
Field Name	Mackerel	FN
Rig:	Rig 22/Prod 2	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Bass Strait	FL
	Gippsland	FL1
	Basin	FL2
Service Order Number	4500610525	SON
Longitude	148° 20' 28.54" E	LONG
Latitude	038° 28'50.13" S	LATI
Maximum Hole Deviation	53.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	MSL	PDAT, EPD
Log Measured From	D.F	LMF, APD
Drilling Measured From	K.B	DMF
	Elevation of Permanent Datum 0.0 (m)	
	Above Permanent Datum 39.5 (m)	

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

Job Data		
Date as Month-Day-Year	13-Dec-2009	DATE
Run Number	1 & 2	RUN
Total Depth - Driller	3562.5 (m)	TDD
Total Depth - Logger	3560.0 (m)	TDL
Bottom Log Interval	3540.0 (m)	BLI
Top Log Interval	3400.0 (m)	TLI
Current Casing Size	3.50 (in)	CSIZ
Casing Depth From	20.8 (m)	CDF
Casing Depth To	3563.4 (m)	CADT
Casing Grade	J-55	CASG
Casing Weight	9.30 (lbm/ft)	CWEI

Bit Size	8.50 (in)				BS
Bit Size Depth From	3325.0 (m)				BSDF
Bit Size Depth To	3629.0 (m)				BSDT
Date Logger At Bottom	13-Dec-2009	Time Logger At Bottom	14:50		DLAB, TLAB
Logging Unit Number	3827	Logging Unit Location	AUSL		LUN, LUL
Engineer's Name	M.Pratt, S. Gilbert				ENGI
Witness's Name	M Wilson , A Smyth				WITN
Service Order Number	4500610525				SON
Mud Data					
Drilling Fluid Type	Inhibited Sea Water				DFT
Drilling Fluid Density	8.55 (g/cm3)				DFD
Date Logger At Bottom	13-Dec-2009	Time Logger At Bottom	14:50		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 Tubing Tally provided by client.					R1
Objective: Run 2.5" Drift run with Dummy Cutter Tool String.					R2
Cut production tubing above Packer @ 3540m MDKB to recover tubing					R3
Max deviation 53.4 deg @ 2950m MDKB					R4
Deviation 50-54 deg from 775m MDKB to TD					R5
CCL to Bottom of Dummy Cutter Tool String = 1.9m					R7
Powercutter:					R8
Top Shot @ 3540m MDKB.					R9
CCL to Top Shot: 1.9 m					R10
CCL stop depth: 3538.1m MDKB.					R11
Secure Initiated					R12
SBL Crew --- Days: D. Watts, A Pratt					R16
Nights: P Battams , G Blandford					R17
Other Services					
None					OS1
Frame Summary File: PERFO_045LUP Sequence: 5					
Origin: 73					
<u>Index Type</u>	<u>Start</u>	<u>Stop</u>	<u>Spacing</u>	<u>Channels</u>	<u>Index Channel</u>
BOREHOLE-DEPTH	1798.62	1757.93 m	-60.0 (0.1 in) up	7	TDEP
	5901.00	5767.50 ft			
BOREHOLE-DEPTH	1798.62	1757.96 m	-10.0 (0.1 in) up	7	TDEP;1
	5901.00	5767.58 ft			
File Header File: PERFO_048LUP Sequence: 6					
Defining Origin: 73					
File ID: PERFO_048LUP File Type: DEPTH LOG					
Producer Name: Schlumberger		Product/Version: OP 17C0-154		File Set: 41	File Number: 47 14-DEC-2009 1:46:02
Company Name:	Esso Australia Pty Ltd				
Well Name:	MKA A12a				
Field Name:	Mackerel				
Tool String:	SHM_GUN, CCL-L				
Computations:	WELLCAD				
Error Summary File: PERFO_048LUP Sequence: 6					
No errors detected in file					

Well Site DataFile: **PERFO_048LUP** Sequence: **6****Origin: 73****Well Data**

Company Name	Esso Australia Pty Ltd	CN
Well Name	MKA A12a	WN
Field Name	Mackerel	FN
Rig:	Rig 22/Prod 2	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Bass Strait	FL
	Gippsland	FL1
	Basin	FL2
Service Order Number	4500610525	SON
Longitude	148° 20' 28.54" E	LONG
Latitude	038° 28'50.13" S	LATI
Maximum Hole Deviation	53.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	MSL	PDAT, EPD
Log Measured From	D.F	LMF, APD
Drilling Measured From	K.B	DMF
	Elevation of Permanent Datum 0.0 (m)	
	Above Permanent Datum 39.5 (m)	

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

Job Data

Date as Month-Day-Year	13-Dec-2009	DATE
Run Number	1 & 2	RUN
Total Depth - Driller	3562.5 (m)	TDD
Total Depth - Logger	3560.0 (m)	TDL
Bottom Log Interval	3540.0 (m)	BLI
Top Log Interval	3400.0 (m)	TLI
Current Casing Size	3.50 (in)	CSIZ
Casing Depth From	20.8 (m)	CDF
Casing Depth To	3563.4 (m)	CADT
Casing Grade	J-55	CASG
Casing Weight	9.30 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	3325.0 (m)	BSDF
Bit Size Depth To	3629.0 (m)	BSDT
Date Logger At Bottom	13-Dec-2009	DLAB, TLAB
Logging Unit Number	3827	LUN, LUL
Engineer's Name	M.Pratt, S. Gilbert	ENGI
Witness's Name	M Wilson , A Smyth	WITN
Service Order Number	4500610525	SON
	Time Logger At Bottom 14:50	
	Logging Unit Location AUSL	

Mud Data

Drilling Fluid Type	Inhibited Sea Water	DFT
Drilling Fluid Density	8.55 (g/cm3)	DFD
Date Logger At Bottom	13-Dec-2009	DLAB, TLAB
	Time Logger At Bottom 14:50	

Absent Valued Parameters: DFL, DFP, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT, MRT1, 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
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Absent Valued Parameters: CTO, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA

Remarks

Log correlated to Tubing Tally provided by client.	R1
Objective: Run 2.5" Drift run with Dummy Cutter Tool String.	R2
Cut production tubing above Packer @ 3540m MDKB to recover tubing	R3
Max deviation 53.4 deg @ 2950m MDKB	R4
Deviation 50-54 deg from 775m MDKB to TD	R5
CCL to Bottom of Dummy Cutter Tool String = 1.9m	R7
Powercutter:	R8
Top Shot @ 3540m MDKB.	R9
CCL to Top Shot: 1.9 m	R10
CCL stop depth: 3538.1m MDKB.	R11
Secure Initiated	R12
SBL Crew -- Days: D. Watts, A Pratt	R16
Nights: P Battams, G Blandford	R17

Frame Summary File: PERFO_048LUP Sequence: 6						
Origin: 73						
<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	3540.86	3485.24 m	-60.0 (0.1 in) up	7	TDEP	60B
	11617.00	11434.50 ft				
BOREHOLE-DEPTH	3540.86	3485.26 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	11617.00	11434.58 ft				

File Header		File: PERFO_049LUP	Sequence: 7
Defining Origin: 73			
File ID: PERFO_049LUP		File Type: DEPTH LOG	
Producer Name: Schlumberger		Product/Version: OP 17C0-154	File Set: 41
		File Number: 48	14-DEC-2009 1:54:58
Company Name:	Esso Australia Pty Ltd		
Well Name:	MKA A12a		
Field Name:	Mackerel		
Tool String:	SHM_GUN, CCL-L		
Computations:	WELLCAD		

Error Summary File: PERFO_049LUP Sequence: 7						
No errors detected in file.						

Well Site Data

File: PERFO_049LUP

Sequence: 7

Origin: 73

Well Data

Company Name	Esso Australia Pty Ltd	CN
Well Name	MKA A12a	WN
Field Name	Mackerel	FN
Rig:	Rig 22/Prod 2	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Bass Strait	FL
	Gippsland	FL1
	Basin	FL2
Service Order Number	4500610525	SON
Longitude	148' 20' 28.54" E	LONG
Latitude	038' 28'50.13" S	LATI
Maximum Hole Deviation	53.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	MSL	PDAT, EPD
Log Measured From	D.F	LMF, APD
Drilling Measured From	K.B	DMF

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

Job Data

Date as Month-Day-Year	13-Dec-2009	DATE
Run Number	1 & 2	RUN
Total Depth - Driller	3562.5 (m)	TDD
Total Depth - Logger	3560.0 (m)	TDL
Bottom Log Interval	3540.0 (m)	BLI
Top Log Interval	3400.0 (m)	TLI
Current Casing Size	3.50 (in)	CSIZ
Casing Depth From	20.8 (m)	CDF
Casing Depth To	3563.4 (m)	CADT
Casing Grade	J-55	CASG
Casing Weight	9.30 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	3325.0 (m)	BSDF

Bit Size Depth To	3629.0 (m)			BSDT
Date Logger At Bottom	13-Dec-2009	Time Logger At Bottom	14:50	DLAB, TLAB
Logging Unit Number	3827	Logging Unit Location	AUSL	LUN, LUL
Engineer's Name	M.Pratt, S. Gilbert			ENGI
Witness's Name	M Wilson , A Smyth			WITN
Service Order Number	4500610525			SON
Mud Data				
Drilling Fluid Type	Inhibited Sea Water			DFT
Drilling Fluid Density	8.55 (g/cm3)			DFD
Date Logger At Bottom	13-Dec-2009	Time Logger At Bottom	14:50	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 Tubing Tally provided by client.				R1
Objective: Run 2.5" Drift run with Dummy Cutter Tool String.				R2
Cut production tubing above Packer @ 3540m MDKB to recover tubing				R3
Max deviation 53.4 deg @ 2950m MDKB				R4
Deviation 50-54 deg from 775m MDKB to TD				R5
CCL to Bottom of Dummy Cutter Tool String = 1.9m				R7
Powercutter:				R8
Top Shot @ 3540m MDKB.				R9
CCL to Top Shot: 1.9 m				R10
CCL stop depth: 3538.1m MDKB.				R11
Secure Initiated				R12
SBL Crew --- Days: D. Watts, A Pratt				R16
Nights: P Battams , G Blandford				R17
Other Services				
None				OS1

Frame Summary File: PERFO_049LUP Sequence: 7						
Origin: 73						
<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	3542.54	3463.75 m	-60.0 (0.1 in) up	7	TDEP	60B
	11622.50	11364.00 ft				
BOREHOLE-DEPTH	3542.54	3463.77 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	11622.50	11364.08 ft				