

Input Source: D:\OP_Folder\Clients\Esoo_2009\TNA_A6\ICLL\COMP_MWPT_MPBT_COMP_109.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **PERFO_054LUP** Sequence: **1**

Defining Origin: 57

File ID: PERFO_054LUP File Type: DEPTH LOG

Producer Name: Schlumberger Product/Version: OP 17C0-154 File Set: 41 File Number: 72 24-DEC-2009 9:42:04

Company Name: Esso Australia Pty Ltd.
Well Name: A-6L
Field Name: Tuna
Tool String: MWP_GUN, MWPT-CA, MWGT-AA
Computations: WELLCAD, BORDYN

Error Summary File: **PERFO_054LUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **PERFO_054LUP** Sequence: **1**

Origin: 57

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-6L	WN
Field Name	Tuna	FN
Rig:	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Longitude	148° 25' 05.29"E	LONG
Latitude	38° 10' 16.00"S	LATI
Maximum Hole Deviation	59.9 (deg)	MHD
Elevation of Kelly Bushing	32.9 (m)	EKB
Elevation of Ground Level	-91.4 (m)	EGL
Elevation of Derrick Floor	32.9 (m)	EDF
Permanent Datum	M.S.L.	PDAT, EPD
Log Measured From	K.B.	LMF, APD
Drilling Measured From	K.B.	DMF

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

Job Data

Date as Month-Day-Year	23-Dec-2009	DATE
Run Number	1	RUN
Total Depth - Driller	3290.0 (m)	TDD
Total Depth - Logger	3102.2 (m)	TDL
Bottom Log Interval	3102.2 (m)	BLI
Top Log Interval	2925.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	2218.0 (m)	CDF
Casing Depth To	3277.5 (m)	CADT
Casing Grade	K-55	CASG
Casing Weight	23.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	2318.0 (m)	BSDF
Bit Size Depth To	3280.0 (m)	BSDT
Date Logger At Bottom	23-Dec-2009	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	Owen Darby	ENGI
Witness's Name	Barry White	WITN

Absent Valued Parameters: SON

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	203.0 (degF)	MRT
	203.0 (degF)	MRT1
Date Logger At Bottom	23-Dec-2009	Time Logger At Bottom 11:00
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		
Correlated to ExxonMobil solar composite log provided by client		R1
Objective:		R2
.		R5
Crew:		R16
Rick Murray & Gary Blandford		R17
Other Services		
2" HSD PowerJet Perf		OS1
4-1/2" MPBT Plug		OS2
2-1/8" Dump bailers		OS3

Frame Summary File: PERFO_054LUP Sequence: 1						
Origin: 57						
<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	3096.46	3003.19 m	-60.0 (0.1 in) up	22	TDEP	60B
	10159.00	9853.00 ft				
BOREHOLE-DEPTH	3096.46	3003.22 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	10159.00	9853.08 ft				

File Header						File: PERFO_061PTP		Sequence: 2			
Defining Origin: 57											
File ID: PERFO_061PTP File Type: PLAYBACK											
Producer Name: Schlumberger				Product/Version: OP 17C0-154		File Set: 41		File Number: 79		24-DEC-2009 11:11:14	
Company Name:		Esso Australia Pty Ltd.									
Well Name:		A-6L									
Field Name:		Tuna									
Tool String:		MWP_GUN, MWPT-CA, MWGT-AA									
Computations:		WELLCAD, BORDYN									

Error Summary File: PERFO_061PTP Sequence: 2		
No errors detected in file.		

Well Site Data File: PERFO_061PTP Sequence: 2		
Origin: 57		
Well Data		
Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-6L	WN
Field Name	Tuna	FN
Rig:	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Longitude	148° 25' 05.29"E	LONG
Latitude	38° 10' 16.00"S	LATI
Maximum Hole Deviation	59.9 (deg)	MHD

Maximum Hole Deviation33.9 (deg)

Elevation of Kelly Bushing32.9 (m)

Elevation of Ground Level-91.4 (m)

Elevation of Derrick Floor32.9 (m)

Permanent DatumM.S.L

Log Measured FromK.B

Drilling Measured FromK.B

Elevation of Permanent Datum0.0 (m)

Above Permanent Datum32.9 (m)

MWD

EKB

EGL

EDF

PDAT, EPD

LMF, APD

DMF

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

Job Data

Date as Month-Day-Year23-Dec-2009

Run Number1

Total Depth - Driller3290.0 (m)

Total Depth - Logger3102.2 (m)

Bottom Log Interval3102.2 (m)

Top Log Interval2925.0 (m)

Current Casing Size7.00 (in)

Casing Depth From2218.0 (m)

Casing Depth To3277.5 (m)

Casing GradeK-55

Casing Weight23.0 (lbm/ft)

Bit Size8.50 (in)

Bit Size Depth From2318.0 (m)

Bit Size Depth To3280.0 (m)

Date Logger At Bottom23-Dec-2009

Logging Unit Number889

Engineer's NameOwen Darby

Witness's NameBarry White

DATE

RUN

TDD

TDL

BLI

TLI

CSIZ

CDF

CADT

CASG

CWEI

BS

BSDF

BSDT

DLAB, TLAB

LUN, LUL

ENGI

WITN

Absent Valued Parameters: SON

Mud Data

Drilling Fluid TypeProduction Fluids

Maximum Recorded Temperature203.0 (degF)

Date Logger At Bottom23-Dec-2009

203.0 (degF)

Time Logger At Bottom11:00

DFT

MRT

MRT1

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 TypePrimary

CJT

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

Remarks

Correlated to ExxonMobil solar composite log provided by client

Objective:

.

Crew:

Rick Murray & Gary Blandford

R1

R2

R5

R16

R17

Other Services

2" HSD PowerJet Perf

4-1/2" MPBT Plug

2-1/8" Dump bailers

OS1

OS2

OS3

Frame Summary						
File: PERFO_061PTP		Sequence: 2				
Origin: 57						
<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	0.00	2382.00 s	2000.0 (0.5 ms)	7	TIME;2	2000T
TIME	0.00	2381.50 s	1000.0 (0.5 ms)	14	TIME;4	1000T
TIME	0.00	2381.75 s	500.0 (0.5 ms)	4	TIME;5	500T

File Header

File: PERFO_056LUP

Sequence: 3

Defining Origin: 57

File ID: PERFO_056LUP	File Type: DEPTH LOG				
Producer Name: Schlumberger	Product/Version: OP 17C0-154	File Set: 41	File Number: 74	24-DEC-2009	9:56:32
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A-6L				
Field Name:	Tuna				
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA				
Computations:	WELLCAD, BORDYN				

Error Summary File: PERFO_056LUP Sequence: 3

No errors detected in file.

Well Site Data File: PERFO_056LUP Sequence: 3

Origin: 57

Well Data

Company Name	Esso Australia Pty Ltd.		CN
Well Name	A-6L		WN
Field Name	Tuna		FN
Rig:	Prod 4 / Crane		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Longitude	148° 25' 05.29"E		LONG
Latitude	38° 10' 16.00"S		LATI
Maximum Hole Deviation	59.9 (deg)		MHD
Elevation of Kelly Bushing	32.9 (m)		EKB
Elevation of Ground Level	-91.4 (m)		EGL
Elevation of Derrick Floor	32.9 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	K.B	Above Permanent Datum 32.9 (m)	LMF, APD
Drilling Measured From	K.B		DMF

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

Job Data

Date as Month-Day-Year	23-Dec-2009		DATE
Run Number	1		RUN
Total Depth - Driller	3290.0 (m)		TDD
Total Depth - Logger	3102.2 (m)		TDL
Bottom Log Interval	3102.2 (m)		BLI
Top Log Interval	2925.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	2218.0 (m)		CDF
Casing Depth To	3277.5 (m)		CADT
Casing Grade	K-55		CASG
Casing Weight	23.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	2318.0 (m)		BSDF
Bit Size Depth To	3280.0 (m)		BSDT
Date Logger At Bottom	23-Dec-2009	Time Logger At Bottom 11:00	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location Prod 4 / AUSL	LUN, LUL
Engineer's Name	Owen Darby		ENGI
Witness's Name	Barry White		WITN

Absent Valued Parameters: SON

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	203.0 (degF)		MRT
	203.0 (degF)		MRT1
Date Logger At Bottom	23-Dec-2009	Time Logger At Bottom 11:00	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	
Correlated to ExxonMobil solar composite log provided by client	R1
Objective:	R2
.	R5
Crew:	R16
Rick Murray & Gary Blandford	R17
Other Services	
2" HSD PowerJet Perf	OS1
4-1/2" MPBT Plug	OS2
2-1/8" Dump bailers	OS3

Frame Summary File: PERFO_056LUP Sequence: 3						
Origin: 57						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	3095.70	2991.76 m	-60.0 (0.1 in) up	22	TDEP	60B
	10156.50	9815.50 ft				
BOREHOLE-DEPTH	3095.70	2991.79 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	10156.50	9815.58 ft				

File Header		File: PERFO_073PUP	Sequence: 4
Defining Origin: 59			
File ID: PERFO_073PUP File Type: PLAYBACK			
Producer Name: Schlumberger		Product/Version: OP 17C0-154	File Set: 41 File Number: 91 24-DEC-2009 13:46:10
Company Name:	Esso Australia Pty Ltd.		
Well Name:	A-6L		
Field Name:	Tuna		
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA		
Computations:	WELLCAD, BORDYN		

Error Summary File: PERFO_073PUP Sequence: 4		
No errors detected in file.		

Well Site Data File: PERFO_073PUP Sequence: 4			
Origin: 59			
Well Data			
Company Name	Esso Australia Pty Ltd.		CN
Well Name	A-6L		WN
Field Name	Tuna		FN
Rig:	Prod 4 / Crane		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Longitude	148° 25' 05.29"E		LONG
Latitude	38° 10' 16.00"S		LATI
Maximum Hole Deviation	59.9 (deg)		MHD
Elevation of Kelly Bushing	32.9 (m)		EKB
Elevation of Ground Level	-91.4 (m)		EGL
Elevation of Derrick Floor	32.9 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	K.B	Above Permanent Datum 32.9 (m)	LMF, APD
Drilling Measured From	K.B		DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN, SON			
Job Data			
Date as Month-Day-Year	23-Dec-2009		DATE
Run Number	1		RUN
Total Depth - Driller	3290.0 (m)		TDD

Total Depth – Driller	3290.0 (m)			TDL
Total Depth – Logger	3102.2 (m)			BLI
Bottom Log Interval	3102.2 (m)			TLI
Top Log Interval	2925.0 (m)			CSIZ
Current Casing Size	7.00 (in)			CDF
Casing Depth From	2218.0 (m)			CADT
Casing Depth To	3277.5 (m)			CASG
Casing Grade	K–55			CWEI
Casing Weight	23.0 (lbm/ft)			BS
Bit Size	8.50 (in)			BSDF
Bit Size Depth From	2318.0 (m)			BSDT
Bit Size Depth To	3280.0 (m)			DLAB, TLAB
Date Logger At Bottom	23–Dec–2009	Time Logger At Bottom	11:00	LUN, LUL
Logging Unit Number	889	Logging Unit Location	Prod 4 / AUSL	ENGI
Engineer's Name	Owen Darby			WITN
Witness's Name	Barry White			
Absent Valued Parameters: SON				
Mud Data				
Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	203.0 (degF)			MRT
	203.0 (degF)			MRT1
Date Logger At Bottom	23–Dec–2009	Time Logger At Bottom	11:00	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				
Correlated to ExxonMobil solar composite log provided by client				R1
Objective:				R2
.				R5
Crew:				R16
Rick Murray & Gary Blandford				R17
Other Services				
2" HSD PowerJet Perf				OS1
4–1/2" MPBT Plug				OS2
2–1/8" Dump bailers				OS3

Frame Summary						
File: PERFO_073PUP Sequence: 4						
Origin: 59						
<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	3101.19	2901.09 m	–60.0 (0.1 in) up	22	TDEP	60B
	10174.50	9518.00 ft				
BOREHOLE–DEPTH	3101.19	2901.26 m	–10.0 (0.1 in) up	10	TDEP;1	10B
	10174.50	9518.58 ft				

File Header						
File: CCL_086PUP Sequence: 5						
Defining Origin: 118						
File ID: CCL_086PUP File Type: PLAYBACK						
Producer Name: Schlumberger		Product/Version: OP 17C0–154		File Set: 41	File Number: 103	24–DEC–2009 17:05:07
Company Name:	Esso Australia Pty Ltd.					
Well Name:	A–6L					
Field Name:	Tuna					
Tool String:	MPEX–CA, MPSU–CB, CCL–I					
Computations:	WELLCAD					

Well Site DataFile: CCL_086PUPSequence: 5

Origin: 118

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-6L	WN
Field Name	Tuna	FN
Rig:	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Longitude	148° 25' 05.29"E	LONG
Latitude	38° 10' 16.00"S	LATI
Maximum Hole Deviation	59.9 (deg)	MHD
Elevation of Kelly Bushing	32.9 (m)	EKB
Elevation of Ground Level	91.4 (m)	EGL
Elevation of Derrick Floor	32.9 (m)	EDF
Permanent Datum	M.S.L	PDAT, EPD
Log Measured From	K.B	LMF, APD
Drilling Measured From	K.B	DMF
Elevation of Permanent Datum 0.0 (m)		
Above Permanent Datum 32.9 (m)		
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN, SON		

Job Data

Date as Month-Day-Year	23-Dec-2009	DATE
Run Number	1	RUN
Total Depth – Driller	3290.0 (m)	TDD
Total Depth – Logger	3102.2 (m)	TDL
Bottom Log Interval	3102.2 (m)	BLI
Top Log Interval	2925.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	2218.0 (m)	CDF
Casing Depth To	3277.5 (m)	CADT
Casing Grade	K-55	CASG
Casing Weight	23.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	2318.0 (m)	BSDF
Bit Size Depth To	3280.0 (m)	BSDT
Date Logger At Bottom	23-Dec-2009	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	Owen Darby	ENGI
Witness's Name	Barry White	WITN
Time Logger At Bottom 11:00		
Logging Unit Location Prod 4 / AUSL		
Absent Valued Parameters: SON		

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	95.0 (degC)	MRT
	95.0 (degC)	MRT1
Date Logger At Bottom	23-Dec-2009	DLAB, TLAB
Time Logger At Bottom 11:00		
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
Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA		

Remarks

Correlated to ExxonMobil solar composite log provided by client	R1
Objective:	R2
Make up toolstring incorprating RST, GR & CCL.	R3
RIH correlate on depth, position toolstring at HUD 3099m MDKB, Power up	R4
RST minitron and allow tool to stabilise for 15mins.	R5
With well shut in complete 1 pass over the intervals in SIGMA mode:	R6
2925 – 3106m MDKB	R7
2525 – 2862m MDKB (in tubing)	R8
POOH	R9
Crew:	R16

R17

2" HSD PowerJet Perf
4-1/2" MPBT Plug
2-1/8" Dump bailers

OS1
OS2
OS3File: **CCL_086PUP** Sequence: **5**

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	3082.75	2900.78 m	-60.0 (0.1 in) up	7	TDEP	60B
	10114.00	9517.00 ft				
BOREHOLE-DEPTH	3082.75	2900.81 m	-10.0 (0.1 in) up	4	TDEP;1	10B
	10114.00	9517.08 ft				

File: **CCL_082LUP** Sequence: **6**

File ID: CCL_082LUP		File Type: DEPTH LOG			
Producer Name: Schlumberger		Product/Version: OP 17C0-154		File Set: 41	File Number: 100
		24-DEC-2009 16:03:14			
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A-6L				
Field Name:	Tuna				
Tool String:	MPEx-CA, MPSU-CB, CCL-I				
Computations:	WELLCAD				

File: **CCL_082LUP** Sequence: **6**

No errors detected in file.

File: **CCL_082LUP** Sequence: **6**

Well Data

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

Date as Month-Day-Year	23-Dec-2009	DATE
Run Number	1	RUN

Total Depth – Driller	3290.0 (m)			TDD
Total Depth – Logger	3102.2 (m)			TDL
Bottom Log Interval	3102.2 (m)			BLI
Top Log Interval	2925.0 (m)			TLI
Current Casing Size	7.00 (in)			CSIZ
Casing Depth From	2218.0 (m)			CDF
Casing Depth To	3277.5 (m)			CADT
Casing Grade	K–55			CASG
Casing Weight	23.0 (lbm/ft)			CWEI
Bit Size	8.50 (in)			BS
Bit Size Depth From	2318.0 (m)			BSDF
Bit Size Depth To	3280.0 (m)			BSDT
Date Logger At Bottom	23–Dec–2009	Time Logger At Bottom	11:00	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	Prod 4 / AUSL	LUN, LUL
Engineer's Name	Owen Darby			ENGI
Witness's Name	Barry White			WITN
Absent Valued Parameters: SON				
Mud Data				
Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	95.0 (degC)			MRT
	95.0 (degC)			MRT1
Date Logger At Bottom	23–Dec–2009	Time Logger At Bottom	11:00	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				
Correlated to ExxonMobil solar composite log provided by client				R1
Objective:				R2
Make up toolstring incorporating RST, GR & CCL.				R3
RIH correlate on depth, position toolstring at HUD 3099m MDKB, Power up				R4
RST minitron and allow tool to stabilise for 15mins.				R5
With well shut in complete 1 pass over the intervals in SIGMA mode:				R6
2925 – 3106m MDKB				R7
2525 – 2862m MDKB (in tubing)				R8
POOH				R9
Crew:				R16
Rick Murray & Gary Blandford				R17
Other Services				
2" HSD PowerJet Perf				OS1
4–1/2" MPBT Plug				OS2
2–1/8" Dump bailers				OS3

Frame Summary						
File: CCL_082LUP		Sequence: 6				
Origin: 118						
<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	12192.00	11379.40 m	-60.0 (0.1 in) up	7	TDEP	60B
	40000.00	37334.00 ft				
BOREHOLE-DEPTH	12192.00	11379.43 m	-10.0 (0.1 in) up	4	TDEP;1	10B
	40000.00	37334.08 ft				

File Header						
File: PERFO_100PUP		Sequence: 7				
Defining Origin: 9						
File ID: PERFO_100PUP File Type: PLAYBACK						
Producer Name: Schlumberger		Product/Version: OP 17C0-154		File Set: 41	File Number: 117	25-DEC-2009 9:51:54
Company Name:	Esso Australia Pty Ltd.					
Well Name:	A-6L					
Field Name:	Tuna					
Tool String:	CCL-L, SHM_GUN					
Computations:	WELLCAD					

Error Summary	File: PERFO_100PUP	Sequence: 7
No errors detected in file.		

Well Site Data	File: PERFO_100PUP	Sequence: 7
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Origin: 9

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-6L	WN
Field Name	Tuna	FN
Rig:	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Longitude	148° 25' 05.29"E	LONG
Latitude	38° 10' 16.00"S	LATI
Maximum Hole Deviation	59.9 (deg)	MHD
Elevation of Kelly Bushing	32.9 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	32.9 (m)	EDF
Permanent Datum	M.S.L	PDAT, EPD
Log Measured From	K.B	LMF, APD
Drilling Measured From	K.B	DMF
Elevation of Permanent Datum 0.0 (m)		
Above Permanent Datum 32.9 (m)		

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

Job Data

Date as Month-Day-Year	23-Dec-2009	DATE
Run Number	1	RUN
Total Depth - Driller	3290.0 (m)	TDD
Total Depth - Logger	3102.2 (m)	TDL
Bottom Log Interval	3102.2 (m)	BLI
Top Log Interval	2925.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	2218.0 (m)	CDF
Casing Depth To	3277.5 (m)	CADT
Casing Grade	K-55	CASG
Casing Weight	23.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	2318.0 (m)	BSDF
Bit Size Depth To	3280.0 (m)	BSDT
Date Logger At Bottom	23-Dec-2009	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	Owen Darby	ENGI
Witness's Name	Barry White	WITN
Time Logger At Bottom 11:00		
Logging Unit Location Prod 4 / AUSL		

Absent Valued Parameters: SON

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	95.0 (degC)	MRT
	95.0 (degC)	MRT1
Date Logger At Bottom	23-Dec-2009	DLAB, TLAB
Time Logger At Bottom 11:00		

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

Correlated to ExxonMobil solar composite log provided by client	R1
Objective:	R2

Make up toolstring incorporating RST, GR & CCL.	R3
RIH correlate on depth, position toolstring at HUD 3099m MDKB, Power up	R4
RST minitron and allow tool to stabilise for 15mins.	R5
With well shut in complete 1 pass over the intervals in SIGMA mode:	R6
2925 – 3106m MDKB	R7
2525 – 2862m MDKB (in tubing)	R8
POOH	R9
Crew:	R16
Rick Murray & Gary Blandford	R17
Other Services	
2" HSD PowerJet Perf	OS1
4–1/2" MPBT Plug	OS2
2–1/8" Dump bailers	OS3

Frame Summary		File: PERFO_100PUP	Sequence: 7			
Origin: 9						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	3081.22	2923.18 m	-60.0 (0.1 in) up	7	TDEP	60B
	10109.00	9590.50 ft				
BOREHOLE-DEPTH	3081.22	2923.21 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	10109.00	9590.58 ft				

File Header		File: PERFO_102PUP	Sequence: 8
Defining Origin: 9			
File ID: PERFO_102PUP File Type: PLAYBACK			
Producer Name: Schlumberger		Product/Version: OP 17C0–154	File Set: 41
			File Number: 119
			25–DEC–2009 10:15:24
Company Name:	Esso Australia Pty Ltd.		
Well Name:	A–6L		
Field Name:	Tuna		
Tool String:	CCL–L, SHM_GUN		
Computations:	WELLCAD		

Error Summary		File: PERFO_102PUP	Sequence: 8
No errors detected in file.			

Well Site Data		File: PERFO_102PUP	Sequence: 8
Origin: 9			
Well Data			
Company Name	Esso Australia Pty Ltd.		CN
Well Name	A–6L		WN
Field Name	Tuna		FN
Rig:	Prod 4 / Crane		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Longitude	148° 25' 05.29"E		LONG
Latitude	38° 10' 16.00"S		LATI
Maximum Hole Deviation	59.9 (deg)		MHD
Elevation of Kelly Bushing	32.9 (m)		EKB
Elevation of Ground Level	–59.0 (m)		EGL
Elevation of Derrick Floor	32.9 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum	0.0 (m)
Log Measured From	K.B	Above Permanent Datum	32.9 (m)
Drilling Measured From	K.B		PDAT, EPD
			LMF, APD
			DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN, SON			
Job Data			
Date as Month–Day–Year	23–Dec–2009		DATE
Run Number	1		RUN
Total Depth – Driller	3290.0 (m)		TDD
Total Depth – Logger	3102.2 (m)		TDL

Total Depth - Logger	3102.2 (m)			TDL
Bottom Log Interval	3102.2 (m)			BLI
Top Log Interval	2925.0 (m)			TLI
Current Casing Size	7.00 (in)			CSIZ
Casing Depth From	2218.0 (m)			CDF
Casing Depth To	3277.5 (m)			CADT
Casing Grade	K-55			CASG
Casing Weight	23.0 (lbm/ft)			CWEI
Bit Size	8.50 (in)			BS
Bit Size Depth From	2318.0 (m)			BSDF
Bit Size Depth To	3280.0 (m)			BSDT
Date Logger At Bottom	23-Dec-2009	Time Logger At Bottom	11:00	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	Prod 4 / AUSL	LUN, LUL
Engineer's Name	Owen Darby			ENGI
Witness's Name	Barry White			WITN

Absent Valued Parameters: SON

Mud Data

Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	95.0 (degC)			MRT
	95.0 (degC)			MRT1
Date Logger At Bottom	23-Dec-2009	Time Logger At Bottom	11:00	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

Correlated to ExxonMobil solar composite log provided by client	R1
Objective:	R2
Make up toolstring incorporating RST, GR & CCL.	R3
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RST minitron and allow tool to stabilise for 15mins.	R5
With well shut in complete 1 pass over the intervals in SIGMA mode:	R6
2925 – 3106m MDKB	R7
2525 – 2862m MDKB (in tubing)	R8
POOH	R9
Crew:	R16
Rick Murray & Gary Blandford	R17

Other Services

2" HSD PowerJet Perf	OS1
4–1/2" MPBT Plug	OS2
2–1/8" Dump bailers	OS3

<div> <div>Frame Summary</div> <div>File: PERFO_102PUP</div> <div>Sequence: 8</div> </div>																																									
<div> <div>Origin: 9</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>3080.61</td><td>2924.40 m</td><td>–60.0 (0.1 in) up</td><td>7</td><td>TDEP</td><td>60B</td></tr> <tr> <td></td><td>10107.00</td><td>9594.50 ft</td><td></td><td></td><td></td><td></td></tr> <tr> <td>BOREHOLE-DEPTH</td><td>3080.61</td><td>2924.43 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>10107.00</td><td>9594.58 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	3080.61	2924.40 m	–60.0 (0.1 in) up	7	TDEP	60B		10107.00	9594.50 ft					BOREHOLE-DEPTH	3080.61	2924.43 m	–10.0 (0.1 in) up	7	TDEP;1	10B		10107.00	9594.58 ft				
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name																																			
BOREHOLE-DEPTH	3080.61	2924.40 m	–60.0 (0.1 in) up	7	TDEP	60B																																			
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	10107.00	9594.58 ft																																							

<div> <div>Schlumberger</div> <div>Verification Listing</div> </div>	Listing Completed: 25-DEC-2009 15:49:37
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