

**Input Source:** D:\OP\_Folder\Clients\Eso2008\WTN\_W8A\_SEP\GUN\COMP\_WTN\_W8A\_COMP\_019.DLIS  
**Format:** DLIS  
**Storage Set ID:** Default Storage Set

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

**File Header** File: **PERFO\_012LUP** Sequence: **1**

**Defining Origin: 4**

File ID: PERFO\_012LUP File Type: DEPTH LOG

Producer Name: Schlumberger

Product/Version: OP 15C0-309

File Set: 41

File Number: 11

26-SEP-2008 13:16:44

Company Name: Esso Australia Pty Ltd.

Well Name: W-8a

Field Name: West Tuna

Tool String: MWP\_GUN, MWPT-CA, MWGT-AA

Computations: WELLCAD, BORDYN

**Error Summary** File: **PERFO\_012LUP** Sequence: **1**

No errors detected in file.

**Well Site Data** File: **PERFO\_012LUP** Sequence: **1**

**Origin: 4**

**Well Data**

Company Name	Esso Australia Pty Ltd.	CN
Well Name	W-8a	WN
Field Name	West Tuna	FN
Rig:	Crane / Prod 4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AUSL08356994	SON
Longitude	148° 25' 05.29"E	LONG
Latitude	38° 10' 16.00"S	LATI
Maximum Hole Deviation	64.0 (deg)	MHD
Elevation of Kelly Bushing	34.7 (m)	EKB
Elevation of Ground Level	60.0 (m)	EGL
Elevation of Derrick Floor	34.7 (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

**Job Data**

Date as Month-Day-Year	26-Sep-2008	DATE
Run Number	1	RUN
Total Depth - Driller	3393.0 (m)	TDD
Total Depth - Logger	3393.0 (m)	TDL
Bottom Log Interval	3390.0 (m)	BLI
Top Log Interval	3250.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	2143.6 (m)	CDF
Casing Depth To	3506.5 (m)	CADT
Casing Grade	13CR	CASG
Casing Weight	11.6 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	1294.0 (m)	BSDF
Bit Size Depth To	3590.0 (m)	BSDT
Date Logger At Bottom	26-Sep-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert	ENGI
Witness's Name	B White	WITN
Service Order Number	AUSL08356994	SON

**Mud Data**

<b>Mud Data</b>		Production Fluids		DFT
Drilling Fluid Type		241.0 (degF)		MRT
Maximum Recorded Temperature		241.0 (degF)		MRT1
Date Logger At Bottom	26-Sep-2008	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				
<b>PVT Data</b>				
Absent Valued Parameters: ODEN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR				
<b>Cement Data</b>				
Cement Job Type	Primary			CJT
Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA				
<b>Remarks</b>				
Log correlated to ExxonMobil Solar Composite Log supplied with logging program.				R1
Objectives: Perforate the well over the interval 3369.5m to 3375m MDKB				R2
using a 5.5mt 2-1/8" 6 SPF, Powerjet Spiral gun with MWPT.				R3
Maximum Deviation = 64deg @ 1834m MDKB				R4
Gun Fired @ 33m to 3397m MDKB				R5
CCL to Top Shot = m				R6
CCL Stop Depth @ m MDKB				R7
Before Gun - SBHT: Degf SBHP: Psia				R8
After Gun - SBHT: Degf SBHP: Psia				R9
Slick Line HUD: 3393m MDKB				R10
HUD not tagged with Perforating Gun .				R11
Schlumberger crews: John Light , Gary Blandford				R17
<b>Other Services</b>				
None				OS1

<b>Frame Summary</b> File: <b>PERFO_012LUP</b> Sequence: <b>1</b>						
<b>Origin: 4</b>						
<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	3385.72	3320.49 m	-60.0 (0.1 in) up	22	TDEP	60B
	11108.00	10894.00 ft				
BOREHOLE-DEPTH	3385.72	3320.52 m	-10.0 (0.1 in) up	10	TDEP,1	10B
	11108.00	10894.08 ft				

<b>File Header</b>		File: <b>PERFO_014LUP</b>	Sequence: <b>2</b>
<b>Defining Origin: 4</b>			
File ID: PERFO_014LUP   File Type: DEPTH LOG			
Producer Name: Schlumberger		Product/Version: OP 15C0-309	File Set: 41                      File Number: 13                      26-SEP-2008 13:30:40
Company Name:	Esso Australia Pty Ltd.		
Well Name:	W-8a		
Field Name:	West Tuna		
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA		
Computations:	WELLCAD, BORDYN		

<b>Error Summary</b> File: <b>PERFO_014LUP</b> Sequence: <b>2</b>		
No errors detected in file.		

<b>Well Site Data</b> File: <b>PERFO_014LUP</b> Sequence: <b>2</b>		
<b>Origin: 4</b>		

**Well Data**

Company Name	Esso Australia Pty Ltd.	CN
Well Name	W-8a	WN
Field Name	West Tuna	FN
Rig:	Crane / Prod 4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AUSL08356994	SON
Longitude	148° 25' 05.29"E	LONG
Latitude	38° 10' 16.00"S	LATI
Maximum Hole Deviation	64.0 (deg)	MHD
Elevation of Kelly Bushing	34.7 (m)	EKB
Elevation of Ground Level	60.0 (m)	EGL
Elevation of Derrick Floor	34.7 (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	34.7 (m)

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

**Job Data**

Date as Month-Day-Year	26-Sep-2008	DATE
Run Number	1	RUN
Total Depth - Driller	3393.0 (m)	TDD
Total Depth - Logger	3393.0 (m)	TDL
Bottom Log Interval	3390.0 (m)	BLI
Top Log Interval	3250.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	2143.6 (m)	CDF
Casing Depth To	3506.5 (m)	CADT
Casing Grade	13CR	CASG
Casing Weight	11.6 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	1294.0 (m)	BSDF
Bit Size Depth To	3590.0 (m)	BSDT
Date Logger At Bottom	26-Sep-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert	ENGI
Witness's Name	B White	WITN
Service Order Number	AUSL08356994	SON
	Time Logger At Bottom	13:30
	Logging Unit Location	Prod 4 / AUSL

**Mud Data**

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	241.0 (degF)	MRT
	241.0 (degF)	MRT1
Date Logger At Bottom	26-Sep-2008	DLAB, TLAB
	Time Logger At Bottom	13:30

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 Solar Composite Log supplied with logging program.	R1
Objectives: Perforate the well over the interval 3369.5m to 3375m MDKB	R2
using a 5.5mt 2-1/8" 6 SPF, Powerjet Spiral gun with MWPT.	R3
Maximum Deviation = 64deg @ 1834m MDKB	R4
Gun Fired @ 3369.5m to 3375m MDKB	R5
CCL to Top Shot = 3 m	R6
CCL Stop Depth @ 3366.5 m MDKB	R7
Before Gun - SBHT: Degf SBHP: Psia	R8
After Gun - SBHT: Degf SBHP: Psia	R9
Slick Line HUD: 3393m MDKB	R10
HUD not tagged with Perforating Gun .	R11
Schlumberger crews: John Light , Gary Blandford	R17

**Other Services**

None	OS1
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Origin: 4						
<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	3380.38	3321.71 m	-60.0 (0.1 in) up	22	TDEP	60B
	11090.50	10898.00 ft				
BOREHOLE-DEPTH	3380.38	3321.74 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	11090.50	10898.08 ft				

File Header		File: PERFO_015LTP	Sequence: 3
Defining Origin: 4			
File ID: PERFO_015LTP    File Type: STATION			
Producer Name: Schlumberger		Product/Version: OP 15C0-309	File Set: 41    File Number: 14    26-SEP-2008 13:33:12
Company Name:	Esso Australia Pty Ltd.		
Well Name:	W-8a		
Field Name:	West Tuna		
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA		
Computations:	WELLCAD, BORDYN		

Error Summary		File: PERFO_015LTP	Sequence: 3
No errors detected in file.			

Well Site Data		File: PERFO_015LTP	Sequence: 3
Origin: 4			
Well Data			
Company Name	Esso Australia Pty Ltd.		CN
Well Name	W-8a		WN
Field Name	West Tuna		FN
Rig:	Crane / Prod 4		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Service Order Number	AUSL08356994		SON
Longitude	148° 25' 05.29"E		LONG
Latitude	38° 10' 16.00"S		LATI
Maximum Hole Deviation	64.0 (deg)		MHD
Elevation of Kelly Bushing	34.7 (m)		EKB
Elevation of Ground Level	60.0 (m)		EGL
Elevation of Derrick Floor	34.7 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum    0.0 (m)	PDAT, EPD
Log Measured From	K.B	Above Permanent Datum    34.7 (m)	LMF, APD
Drilling Measured From	K.B		DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN			
Job Data			
Date as Month-Day-Year	26-Sep-2008		DATE
Run Number	1		RUN
Total Depth - Driller	3393.0 (m)		TDD
Total Depth - Logger	3393.0 (m)		TDL
Bottom Log Interval	3390.0 (m)		BLI
Top Log Interval	3250.0 (m)		TLI
Current Casing Size	4.50 (in)		CSIZ
Casing Depth From	2143.6 (m)		CDF
Casing Depth To	3506.5 (m)		CADT
Casing Grade	13CR		CASG
Casing Weight	11.6 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS

Bit Size Depth From	1294.0 (m)			BSD
Bit Size Depth To	3590.0 (m)			BSDT
Date Logger At Bottom	26-Sep-2008	Time Logger At Bottom	13:30	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	Prod 4 / AUSL	LUN, LUL
Engineer's Name	S Gilbert			ENGI
Witness's Name	B White			WITN
Service Order Number	AUSL08356994			SON
<b>Mud Data</b>				
Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	241.0 (degF)			MRT
	241.0 (degF)			MRT1
Date Logger At Bottom	26-Sep-2008	Time Logger At Bottom	13:30	DLAB, TLAB
Absent Valued Parameters: DFD, DFV, DFL, DFP, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT2, MRT3, DCS, TCS				
<b>PVT Data</b>				
Absent Valued Parameters: ODEN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR				
<b>Cement Data</b>				
Cement Job Type	Primary			CJT
Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA				
<b>Remarks</b>				
Log correlated to ExxonMobil Solar Composite Log supplied with logging program.				R1
Objectives: Perforate the well over the interval 3369.5m to 3375m MDKB				R2
using a 5.5mt 2-1/8" 6 SPF, Powerjet Spiral gun with MWPT.				R3
Maximum Deviation = 64deg @ 1834m MDKB				R4
Gun Fired @ 3369.5m to 3375m MDKB				R5
CCL to Top Shot = 3 m				R6
CCL Stop Depth @ 3366.5 m MDKB				R7
Before Gun - SBHT: Degf SBHP: Psia				R8
After Gun - SBHT: Degf SBHP: Psia				R9
Slick Line HUD: 3393m MDKB				R10
HUD not tagged with Perforating Gun .				R11
Schlumberger crews: John Light , Gary Blandford				R17
<b>Other Services</b>				
None				OS1

<b>Frame Summary</b> File: <b>PERFO_015LTP</b> Sequence: <b>3</b>						
<b>Origin: 4</b>						
<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	5484.88	7780.88 s	2000.0 (0.5 ms)	7	TIME;2	2000T
TIME	5484.88	7780.88 s	1000.0 (0.5 ms)	14	TIME;4	1000T
TIME	5484.88	7780.88 s	500.0 (0.5 ms)	4	TIME;5	500T