

**Input Source:** D:\OP\_Folder\Clients\Eso2008\_OP16\WKF\_W-18\GUN\COMP\_WKF18APP\_COMP\_068.DLIS  
**Format:** DLIS  
**Storage Set ID:** Default Storage Set

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

**File Header** File: **PERFO\_033LUP** Sequence: **1**

**Defining Origin: 62**

File ID: PERFO\_033LUP File Type: DEPTH LOG

Producer Name: Schlumberger

Product/Version: OP 16C0-147

File Set: 41

File Number: 32

4-NOV-2008 18:28:42

Company Name: Esso Australia Pty Ltd.

Well Name: W-18a

Field Name: West Kingfish

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

Computations: WELLCAD, BORDYN

**Error Summary** File: **PERFO\_033LUP** Sequence: **1**

No errors detected in file.

**Well Site Data** File: **PERFO\_033LUP** Sequence: **1**

**Origin: 62**

**Well Data**

Company Name	Esso Australia Pty Ltd.	CN
Well Name	W-18a	WN
Field Name	West Kingfish	FN
Rig :	Prod4 / Ausl	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl	SON
Longitude	148 06'15.1"E	LONG
Latitude	038 35'40.7"S	LATI
Maximum Hole Deviation	36.0 (deg)	MHD
Elevation of Kelly Bushing	33.4 (m)	EKB
Elevation of Ground Level	-76.1 (m)	EGL
Elevation of Derrick Floor	33.4 (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	0.0 (m)
	Above Permanent Datum	33.4 (m)

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

**Job Data**

Date as Month-Day-Year	4-Nov-2008	DATE
Run Number	1 thru 5	RUN
Total Depth - Driller	2642.0 (m)	TDD
Total Depth - Logger	2630.0 (m)	TDL
Bottom Log Interval	2640.0 (m)	BLI
Top Log Interval	2600.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	11.7 (m)	CDF
Casing Depth To	2696.6 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Date Logger At Bottom	4-Nov-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	G Wright,S Gilbert.	ENGI
Witness's Name	G Rimmer,D Madden.	WITN
Service Order Number	Ausl	SON

Absent Valued Parameters: BSDF, BSDT

**Mud Data**

Drilling Fluid Type

Maximum Recorded Temperature

Date Logger At Bottom

Production Fluids

220.0 (degF)

220.0 (degF)

4–Nov–2008

Time Logger At Bottom

8:00

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 Type

Primary

CJT

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

Remarks

Log correlated to Petrophysical Analysis composite supplied with program.

Maximum well deviation = 36 degree's at 1282m MDKB.

This well was perforated with a 2 1/8" 45 deg phased powerjet gun over the interval 2623m to 2624.5m MDKB

Set a 7" MPBT plug with top of seal @ 2630m MDKB. Dump approx 1 m of cement on top .

HUD:

Gun # 1

Top Shot @ 2623m MDKB

CCL to Top Shot = 3.5m

CCL Stop Depth = 2619.5 m MDKB

Plug # 1

Top of Seal @ 2630m MDKB

CCL to Top of Seal = 7m

CCL Stop Depth = 2623m MDKB

Crew : J Annear,J Light. ( Day's )

N Simmon , D Halstead ( Night's )

R1

R2

R3

R4

R5

R6

R7

R8

R9

R10

R11

R12

R13

R15

R16

Other Services

None

OS1

Frame Summary    File: PERFO_033LUP    Sequence: 1						
Origin: 62						
<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	2614.27	2572.21 m	–60.0 (0.1 in) up	22	TDEP	60B
	8577.00	8439.00 ft				
BOREHOLE–DEPTH	2614.27	2572.23 m	–10.0 (0.1 in) up	10	TDEP;1	10B
	8577.00	8439.08 ft				

File Header

File: PERFO\_034LUP

Sequence: 2

Defining Origin: 62

File ID: PERFO\_034LUP    File Type: DEPTH LOG

Producer Name: Schlumberger    Product/Version: OP 16C0–147    File Set: 41    File Number: 33    4–NOV–2008 18:37:29

Company Name: Esso Australia Pty Ltd.

Well Name: W–18a

Field Name: West Kingfish

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

Computations: WELLCAD, BORDYN

Error Summary    File: PERFO_034LUP    Sequence: 2		
No errors detected in file.		

Well Site Data

File: PERFO\_034LUP

Sequence: 2

Origin: 62

## Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	W-18a	WN
Field Name	West Kingfish	FN
Rig :	Prod4 / Ausl	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl	SON
Longitude	148 06'15.1"E	LONG
Latitude	038 35'40.7"S	LATI
Maximum Hole Deviation	36.0 (deg)	MHD
Elevation of Kelly Bushing	33.4 (m)	EKB
Elevation of Ground Level	-76.1 (m)	EGL
Elevation of Derrick Floor	33.4 (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 0.0 (m)	
	Above Permanent Datum 33.4 (m)	

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

## Job Data

Date as Month-Day-Year	4-Nov-2008	DATE
Run Number	1 thru 5	RUN
Total Depth - Driller	2642.0 (m)	TDD
Total Depth - Logger	2630.0 (m)	TDL
Bottom Log Interval	2640.0 (m)	BLI
Top Log Interval	2600.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	11.7 (m)	CDF
Casing Depth To	2696.6 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Date Logger At Bottom	4-Nov-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	G Wright,S Gilbert.	ENGI
Witness's Name	G Rimmer,D Madden.	WITN
Service Order Number	Ausl	SON
	Time Logger At Bottom 8:00	
	Logging Unit Location Prod4 / Ausl	

Absent Valued Parameters: BSDF, BSDT

## Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	220.0 (degF)	MRT
	220.0 (degF)	MRT1
Date Logger At Bottom	4-Nov-2008	DLAB, TLAB
	Time Logger At Bottom 8:00	

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 Petrophysical Analysis composite supplied with program.	R1
Maximum well deviation = 36 degree's at 1282m MDKB.	R2
This well was perforated with a 2 1/8" 45 deg phased powerjet gun over the interval 2623m to 2624.5m MDKB	R3
Set a 7" MPBT plug with top of seal @ 2630m MDKB. Dump approx 1 m of cement on top .	R4
HUD:	R5
Gun # 1	R6
Top Shot @ 2623m MDKB	R7
CCL to Top Shot = 3.5m	R8
CCL Stop Depth = 2619.5 m MDKB	R9
Plug # 1	R10
Top of Seal @ 2630m MDKB	R11
CCL to Top of Seal = 7m	R12
CCL Stop Depth = 2623m MDKB	R13
Crew : J Annear,J Light. ( Day's )	R15
N Simmon , D Halstead ( Night's )	R16

## Other Services

None	OS1
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Frame Summary		File: PERFO_034LUP	Sequence: 2			
Origin: 62						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2623.57	2566.72 m	-60.0 (0.1 in) up	22	TDEP	60B
	8607.50	8421.00 ft				
BOREHOLE-DEPTH	2623.57	2566.75 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	8607.50	8421.08 ft				

<b>File Header</b>		File: <b>PERFO_035LTP</b>	Sequence: <b>3</b>
<b>Defining Origin: 62</b>			
File ID: PERFO_035LTP		File Type: STATION	
Producer Name: Schlumberger		Product/Version: OP 16C0-147	File Set: 41
		File Number: 34	4-NOV-2008 18:42:32
Company Name: Esso Australia Pty Ltd.			
Well Name: W-18a			
Field Name: West Kingfish			
Tool String: MWP_GUN, MWPT-CA, MWGT-AA			
Computations: WELLCAD, BORDYN			

<b>Error Summary</b>		File: <b>PERFO_035LTP</b>	Sequence: <b>3</b>
No errors detected in file.			

<b>Well Site Data</b>		File: <b>PERFO_035LTP</b>	Sequence: <b>3</b>
<b>Origin: 62</b>			
<b>Well Data</b>			
Company Name	Esso Australia Pty Ltd.		CN
Well Name	W-18a		WN
Field Name	West Kingfish		FN
Rig :	Prod4 / Ausl		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Service Order Number	Ausl		SON
Longitude	148 06'15.1"E		LONG
Latitude	038 35'40.7"S		LATI
Maximum Hole Deviation	36.0 (deg)		MHD
Elevation of Kelly Bushing	33.4 (m)		EKB
Elevation of Ground Level	-76.1 (m)		EGL
Elevation of Derrick Floor	33.4 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum 33.4 (m)	LMF, APD
Drilling Measured From	D.F		DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN			
<b>Job Data</b>			
Date as Month-Day-Year	4-Nov-2008		DATE
Run Number	1 thru 5		RUN
Total Depth - Driller	2642.0 (m)		TDD
Total Depth - Logger	2630.0 (m)		TDL
Bottom Log Interval	2640.0 (m)		BLI
Top Log Interval	2600.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	11.7 (m)		CDF
Casing Depth To	2696.6 (m)		CADT
Casing Grade	L-80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS

Date Logger At Bottom	4–Nov–2008	Time Logger At Bottom	8:00	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	Prod4 / Ausl	LUN, LUL
Engineer's Name	G Wright,S Gilbert.			ENGI
Witness's Name	G Rimmer,D Madden.			WITN
Service Order Number	Ausl			SON
Absent Valued Parameters: BSDF, BSDT				
Mud Data				
Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	220.0 (degF)			MRT
	220.0 (degF)			MRT1
Date Logger At Bottom	4–Nov–2008	Time Logger At Bottom	8:00	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 Petrophysical Analysis composite supplied with program.				R1
Maximum well deviation = 36 degree's at 1282m MDKB.				R2
This well was perforated with a 2 1/8" 45 deg phased powerjet gun over the interval 2623m to 2624.5m MDKB				R3
Set a 7" MPBT plug with top of seal @ 2630m MDKB. Dump approx 1 m of cement on top .				R4
HUD:				R5
Gun # 1				R6
Top Shot @ 2623m MDKB	Berfor Gun SBHT: degf	SBHP: psia		R7
CCL to Top Shot = 3.5m	After Gun SBHT: degf	SBHP: psia		R8
CCL Stop Depth = 2619.5 m MDKB				R9
Plug # 1				R10
Top of Seal @ 2630m MDKB				R11
CCL to Top of Seal = 7m				R12
CCL Stop Depth = 2623m MDKB				R13
Crew : J Annear,J Light. ( Day's )				R15
N Simmon , D Halstead ( Night's )				R16
Other Services				
None				OS1

Frame Summary      File: PERFO_035LTP      Sequence: 3						
Origin: 62						
<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	3004.08	3411.08 s	2000.0 (0.5 ms)	7	TIME;2	2000T
TIME	3004.08	3411.08 s	1000.0 (0.5 ms)	14	TIME;4	1000T
TIME	3004.08	3411.08 s	500.0 (0.5 ms)	4	TIME;5	500T

File Header				
File: PERFO_040PUP      Sequence: 4				
Defining Origin: 106				
File ID: PERFO_040PUP    File Type: PLAYBACK				
Producer Name: Schlumberger		Product/Version: OP 16C0–147	File Set: 41	File Number: 39      4–NOV–2008 21:31:12
Company Name:	Esso Australia Pty Ltd.			
Well Name:	W–18a			
Field Name:	West Kingfish			
Tool String:	MWPT–CA, MWGT–AA			
Computations:	WELLCAD, BORDYN			

Error Summary	File: PERFO_040PUP	Sequence: 4
No errors detected in file.		

Well Site Data	
File: PERFO_040PUP      Sequence: 4	
Origin: 106	
Well Data	
Company Name	Esso Australia Pty Ltd.
Well Name	W-18a
Field Name	West Kingfish
Tool String	MWPT-CA, MWGT-AA
Computations	WELLCAD, BORDYN
Service Order Number	106

Well Name	W-18a		WN
Field Name	West Kingfish		FN
Rig :	Prod4 / Ausl		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Service Order Number	Ausl		SON
Longitude	148 06'15.1"E		LONG
Latitude	038 35'40.7"S		LATI
Maximum Hole Deviation	36.0 (deg)		MHD
Elevation of Kelly Bushing	33.4 (m)		EKB
Elevation of Ground Level	-76.1 (m)		EGL
Elevation of Derrick Floor	33.4 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum	0.0 (m)
Log Measured From	D.F	Above Permanent Datum	33.4 (m)
Drilling Measured From	D.F		PDAT, EPD
			LMF, APD
			DMF

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

Job Data

Date as Month-Day-Year	4-Nov-2008		DATE
Run Number	1 thru 5		RUN
Total Depth - Driller	2642.0 (m)		TDD
Total Depth - Logger	2630.0 (m)		TDL
Bottom Log Interval	2640.0 (m)		BLI
Top Log Interval	2600.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	11.7 (m)		CDF
Casing Depth To	2696.6 (m)		CADT
Casing Grade	L-80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Date Logger At Bottom	4-Nov-2008	Time Logger At Bottom	8:00
Logging Unit Number	889	Logging Unit Location	Prod4 / Ausl
Engineer's Name	G Wright,S Gilbert.		DLAB, TLAB
Witness's Name	G Rimmer,D Madden.		LUN, LUL
Service Order Number	Ausl		ENGI
			WITN
			SON

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	220.0 (degF)		MRT
	220.0 (degF)		MRT1
Date Logger At Bottom	4-Nov-2008	Time Logger At Bottom	8:00
			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 Petrophysical Analysis composite supplied with program.		R1
Maximum well deviation = 36 degree's at 1282m MDKB.		R2
This well was perforated with a 2 1/8" 45 deg phased powerjet gun over the interval 2623m to 2624.5m MDKB		R3
Set a 7" MPBT plug with top of seal @ 2630m MDKB. Dump approx 1 m of cement on top .		R4
HUD:		R5
Gun # 1		R6
Top Shot @ 2623m MDKB	Berfor Gun SBHT: 224degf	SBHP: 3107.00psia
CCL to Top Shot = 3.5m	After Gun SBHT: 225degf	SBHP: 3107.86 psia
CCL Stop Depth = 2619.5 m MDKB		R9
CCL to Bottom of Dummy Plug = 3.6m		R10
Plug # 1		R11
Top of Seal @ 2630m MDKB		R12
CCL to Top of Seal = 7m		R13
CCL Stop Depth = 2623m MDKB		R14
Crew : J Annear,J Light. ( Day's )		R16
N Simmon , D Halstead ( Night's )		R17

Other Services

None		OS1
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Origin: 106						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2641.70	2541.42 m	-60.0 (0.1 in) up	22	TDEP	60B
	8667.00	8338.00 ft				
BOREHOLE-DEPTH	2641.70	2541.60 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	8667.00	8338.58 ft				

File Header File: CCL\_054LUP Sequence: 5

Defining Origin: 81

File ID: CCL_054LUP	File Type: DEPTH LOG				
Producer Name: Schlumberger	Product/Version: OP 16C0-147	File Set: 41	File Number: 53	5-NOV-2008	1:19:05
Company Name:	Esso Australia Pty Ltd.				
Well Name:	W-18a				
Field Name:	West Kingfish				
Tool String:	MPEX-DA, MPSU-CA, CCL-I				
Computations:	WELLCAD				

Error Summary File: CCL\_054LUP Sequence: 5

No errors detected in file.

Well Site Data File: CCL\_054LUP Sequence: 5

Origin: 81

Well Data

Company Name	Esso Australia Pty Ltd.		CN
Well Name	W-18a		WN
Field Name	West Kingfish		FN
Rig :	Prod4 / Ausl		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Service Order Number	AUSL08602241		SON
Longitude	148 06'15.1"E		LONG
Latitude	038 35'40.7"S		LATI
Maximum Hole Deviation	36.0 (deg)		MHD
Elevation of Kelly Bushing	33.4 (m)		EKB
Elevation of Ground Level	-76.1 (m)		EGL
Elevation of Derrick Floor	33.4 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum 33.4 (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	4-Nov-2008		DATE
Run Number	1 thru 5		RUN
Total Depth - Driller	2642.0 (m)		TDD
Total Depth - Logger	2642.0 (m)		TDL
Bottom Log Interval	2640.0 (m)		BLI
Top Log Interval	2600.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	11.7 (m)		CDF
Casing Depth To	2696.6 (m)		CADT
Casing Grade	L-80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI

Bit Size	8.50 (in)				BS
Bit Size Depth From	0.0 (m)				BSDF
Bit Size Depth To	0.0 (m)				BSDT
Date Logger At Bottom	4–Nov–2008	Time Logger At Bottom	15:00		DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	Prod4 / Ausl		LUN, LUL
Engineer's Name	G Wright,S Gilbert.				ENGI
Witness's Name	G Rimmer,D Madden.				WITN
Service Order Number	AUSL08602241				SON
Mud Data					
Drilling Fluid Type	Production Fluids				DFT
Maximum Recorded Temperature	225.0 (degF)				MRT
	225.0 (degF)				MRT1
Date Logger At Bottom	4–Nov–2008	Time Logger At Bottom	15:00		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 Petrophysical Analysis composite supplied with program.					R1
Maximum well deviation = 36 degree's at 1282m MDKB.					R2
This well was perforated with a 2 1/8" 45 deg phased powerjet gun over the interval 2623m to 2624.5m MDKB					R3
Set a 7" MPBT plug with top of seal @ 2630m MDKB. Dump approx 1 m of cement on top .					R4
HUD:					R5
Gun # 1					R6
Top Shot @ 2623m MDKB	Berfor Gun SBHT: 224degf	SBHP: 3107.00psia			R7
CCL to Top Shot = 3.5m	After Gun SBHT: 225degf	SBHP: 3107.86 psia			R8
CCL Stop Depth = 2619.5 m MDKB					R9
CCL to Bottom of Dummy Plug = 3.6m					R10
Plug # 1					R11
Top of Seal @ 2630m MDKB					R12
CCL to Top of Seal = 7m					R13
CCL Stop Depth = 2623m MDKB					R14
CCL to Bottom of Dump Bailer = 12m					R15
Crew : J Annear,J Light. ( Day's )					R16
N Simmon , D Halstead ( Night's )					R17
Other Services					
None					OS1
Frame Summary File: CCL_054LUP Sequence: 5					
Origin: 81					
Index Type	Start	Stop	Spacing	Channels	Index Channel
BOREHOLE–DEPTH	12192.00	11794.08 m	–60.0 (0.1 in) up	7	TDEP
	40000.00	38694.50 ft			
BOREHOLE–DEPTH	12192.00	11793.96 m	–10.0 (0.1 in) up	4	TDEP;1
	40000.00	38694.08 ft			10B
File Header File: CCL_055LUP Sequence: 6					
Defining Origin: 81					
File ID: CCL_055LUP File Type: DEPTH LOG					
Producer Name: Schlumberger		Product/Version: OP 16C0–147		File Set: 41	File Number: 54
5–NOV–2008 1:46:30					
Company Name:	Esso Australia Pty Ltd.				
Well Name:	W–18a				
Field Name:	West Kingfish				
Tool String:	MPEX–DA, MPSU–CA, CCL–I				
Computations:	WELLCAD				
Error Summary File: CCL_055LUP Sequence: 6					
No errors detected in file					



**Well Site Data**File: **CCL\_055LUP** Sequence: **6****Origin: 81****Well Data**

Company Name	Esso Australia Pty Ltd.	CN
Well Name	W-18a	WN
Field Name	West Kingfish	FN
Rig :	Prod4 / Ausl	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AUSL08602241	SON
Longitude	148 06'15.1"E	LONG
Latitude	038 35'40.7"S	LATI
Maximum Hole Deviation	36.0 (deg)	MHD
Elevation of Kelly Bushing	33.4 (m)	EKB
Elevation of Ground Level	-76.1 (m)	EGL
Elevation of Derrick Floor	33.4 (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 0.0 (m)	
	Above Permanent Datum 33.4 (m)	

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

**Job Data**

Date as Month-Day-Year	4-Nov-2008	DATE
Run Number	1 thru 5	RUN
Total Depth - Driller	2642.0 (m)	TDD
Total Depth - Logger	2642.0 (m)	TDL
Bottom Log Interval	2640.0 (m)	BLI
Top Log Interval	2600.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	11.7 (m)	CDF
Casing Depth To	2696.6 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	0.0 (m)	BSDF
Bit Size Depth To	0.0 (m)	BSDT
Date Logger At Bottom	4-Nov-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	G Wright, S Gilbert.	ENGI
Witness's Name	G Rimmer, D Madden.	WITN
Service Order Number	AUSL08602241	SON
	Time Logger At Bottom 15:00	
	Logging Unit Location Prod4 / Ausl	

**Mud Data**

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	225.0 (degF)	MRT
	225.0 (degF)	MRT1
Date Logger At Bottom	4-Nov-2008	DLAB, TLAB
	Time Logger At Bottom 15:00	

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: 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 Petrophysical Analysis composite supplied with program.	R1
Maximum well deviation = 36 degree's at 1282m MDKB.	R2
This well was perforated with a 2 1/8" 45 deg phased powerjet gun over the interval 2623m to 2624.5m MDKB	R3
Set a 7" MPBT plug with top of seal @ 2630m MDKB. Dump approx 1 m of cement on top .	R4
HUD:	R5
Gun # 1	R6
Top Shot @ 2623m MDKB Berfor Gun SBHT: 224degf SBHP: 3107.00psia	R7
CCL to Top Shot = 3.5m After Gun SBHT: 225degf SBHP: 3107.86 psia	R8
CCL Stop Depth = 2619.5 m MDKB	R9
CCL to Bottom of Dummy Plug = 3.6m	R10
Plug # 1	R11
Top of Seal @ 2630m MDKB	R12

Top of Seal @ 2600m MDKB	R12
CCL to Top of Seal = 7m	R13
CCL Stop Depth = 2623m MDKB	R14
CCL to Bottom of Dump Bailer = 12m	R15
Crew : J Annear,J Light. ( Day's )	R16
N Simmon , D Halstead ( Night's )	R17
<b>Other Services</b>	
None	OS1

Frame Summary		File: CCL_055LUP	Sequence: 6			
Origin: 81						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2622.96	2570.07 m	-60.0 (0.1 in) up	7	TDEP	60B
	8605.50	8432.00 ft				
BOREHOLE-DEPTH	2622.96	2570.10 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	8605.50	8432.08 ft				

<b>File Header</b>	File: <b>PERFO_059LUP</b>	Sequence: <b>7</b>
<b>Defining Origin: 115</b>		
File ID: PERFO_059LUP	File Type: DEPTH LOG	
Producer Name: Schlumberger	Product/Version: OP 16C0-147	File Set: 41
		File Number: 58
		5-NOV-2008 4:00:28
Company Name:	Esso Australia Pty Ltd.	
Well Name:	W-18a	
Field Name:	West Kingfish	
Tool String:	SHM_GUN, CCL-L	
Computations:	WELLCAD	

<b>Error Summary</b>	File: <b>PERFO_059LUP</b>	Sequence: <b>7</b>
No errors detected in file.		

<b>Well Site Data</b>	File: <b>PERFO_059LUP</b>	Sequence: <b>7</b>
<b>Origin: 115</b>		
<b>Well Data</b>		
Company Name	Esso Australia Pty Ltd.	CN
Well Name	W-18a	WN
Field Name	West Kingfish	FN
Rig :	Prod4 / Ausl	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AUSL08602241	SON
Longitude	148 06'15.1"E	LONG
Latitude	038 35'40.7"S	LATI
Maximum Hole Deviation	36.0 (deg)	MHD
Elevation of Kelly Bushing	33.4 (m)	EKB
Elevation of Ground Level	-76.1 (m)	EGL
Elevation of Derrick Floor	33.4 (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 0.0 (m)	
	Above Permanent Datum 33.4 (m)	

Job Data

Date as Month–Day–Year	4–Nov–2008		DATE
Run Number	1 thru 5		RUN
Total Depth – Driller	2642.0 (m)		TDD
Total Depth – Logger	2642.0 (m)		TDL
Bottom Log Interval	2640.0 (m)		BLI
Top Log Interval	2600.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	11.7 (m)		CDF
Casing Depth To	2696.6 (m)		CADT
Casing Grade	L–80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	0.0 (m)		BSDF
Bit Size Depth To	0.0 (m)		BSDT
Date Logger At Bottom	4–Nov–2008	Time Logger At Bottom 15:00	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location Prod4 / Ausl	LUN, LUL
Engineer's Name	G Wright,S Gilbert.		ENGI
Witness's Name	G Rimmer,D Madden.		WITN
Service Order Number	AUSL08602241		SON

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	225.0 (degF)		MRT
	225.0 (degF)		MRT1
Date Logger At Bottom	4–Nov–2008	Time Logger At Bottom 15:00	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 Petrophysical Analysis composite supplied with program.	R1
Maximum well deviation = 36 degree's at 1282m MDKB.	R2
This well was perforated with a 2 1/8" 45 deg phased powerjet gun over the interval 2623m to 2624.5m MDKB	R3
Set a 7" MPBT plug with top of seal @ 2630m MDKB. Dump approx 1 m of cement on top .	R4
HUD:	R5
Gun # 1	R6
Top Shot @ 2623m MDKB Berfor Gun SBHT: 224degf SBHP: 3107.00psia	R7
CCL to Top Shot = 3.5m After Gun SBHT: 225degf SBHP: 3107.86 psia	R8
CCL Stop Depth = 2619.5 m MDKB	R9
CCL to Bottom of Dummy Plug = 3.6m	R10
Plug # 1	R11
Top of Seal @ 2630m MDKB	R12
CCL to Top of Seal = 7m	R13
CCL Stop Depth = 2623m MDKB	R14
CCL to Bottom of Dump Bailer = 12m	R15
Crew : J Annear,J Light. ( Day's )	R16
N Simmon , D Halstead ( Night's )	R17

Other Services

None		OS1
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Frame Summary File: PERFO\_059LUP Sequence: 7

Origin: 115

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE–DEPTH	2620.21	2570.07 m	–60.0 (0.1 in) up	7	TDEP	60B
	8596.50	8432.00 ft				
BOREHOLE–DEPTH	2620.21	2570.10 m	–10.0 (0.1 in) up	7	TDEP;1	10B
	8596.50	8432.08 ft				

File Header File: PERFO\_062LUP Sequence: 8

Defining Origin: 115

Company Name: Esso Australia Pty Ltd.

Well Name: W-18a

Field Name: West Kingfish

Tool String: SHM\_GUN, CCL-L

Computations: WELLCAD

**Error Summary** File: **PERFO\_062LUP** Sequence: **8**

No errors detected in file.

**Well Site Data** File: **PERFO\_062LUP** Sequence: **8****Origin: 115****Well Data**

Company Name	Esso Australia Pty Ltd.		CN
Well Name	W-18a		WN
Field Name	West Kingfish		FN
Rig :	Prod4 / Ausl		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Service Order Number	AUSL08602241		SON
Longitude	148 06'15.1"E		LONG
Latitude	038 35'40.7"S		LATI
Maximum Hole Deviation	36.0 (deg)		MHD
Elevation of Kelly Bushing	33.4 (m)		EKB
Elevation of Ground Level	-76.1 (m)		EGL
Elevation of Derrick Floor	33.4 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum 33.4 (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	4-Nov-2008		DATE
Run Number	1 thru 5		RUN
Total Depth - Driller	2642.0 (m)		TDD
Total Depth - Logger	2642.0 (m)		TDL
Bottom Log Interval	2640.0 (m)		BLI
Top Log Interval	2600.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	11.7 (m)		CDF
Casing Depth To	2696.6 (m)		CADT
Casing Grade	L-80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	0.0 (m)		BSDF
Bit Size Depth To	0.0 (m)		BSDT
Date Logger At Bottom	4-Nov-2008	Time Logger At Bottom 15:00	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location Prod4 / Ausl	LUN, LUL
Engineer's Name	G Wright,S Gilbert.		ENGI
Witness's Name	G Rimmer,D Madden.		WITN
Service Order Number	AUSL08602241		SON

**Mud Data**

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	225.0 (degF)		MRT
	225.0 (degF)		MRT1
Date Logger At Bottom	4-Nov-2008	Time Logger At Bottom 15:00	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 Petrophysical Analysis composite supplied with program

B1

Log correlated to Petrophysical Analysis composite supplied with program.

Maximum well deviation = 36 degree's at 1282m MDKB.

This well was perforated with a 2 1/8" 45 deg phased powerjet gun over the interval 2623m to 2624.5m MDKB

Set a 7" MPBT plug with top of seal @ 2630m MDKB. Dump approx 1 m of cement on top .

HUD:

Gun # 1

Top Shot @ 2623m MDKB Berfor Gun SBHT: 224degf SBHP: 3107.00psia

CCL to Top Shot = 3.5m After Gun SBHT: 225degf SBHP: 3107.86 psia

CCL Stop Depth = 2619.5 m MDKB

CCL to Bottom of Dummy Plug = 3.6m

Plug # 1

Top of Seal @ 2630m MDKB

CCL to Top of Seal = 7m

CCL Stop Depth = 2623m MDKB

CCL to Bottom of Dump Bailer = 12m

Crew : J Annear,J Light. ( Day's )

N Simmon , D Halstead ( Night's )

## Other Services

None

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

OS1

## Frame Summary

File: PERFO\_062LUP

Sequence: 8

### Origin: 115

<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	2620.37	2564.13 m	-60.0 (0.1 in) up	7	TDEP	60B
	8597.00	8412.50 ft				
BOREHOLE-DEPTH	2620.37	2564.00 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	8597.00	8412.08 ft				

**Schlumberger**

**Verification Listing**

**Listing Completed:** 5-NOV-2008 7:52:19