

Input Source: D:\OP_Folder\Clients\Essso_Australia_Pty_Ltd\WKF_W12A\GUN\COMP_WKF_W12A_COMP_041.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **PERFO_020LUP** Sequence: **1**

Defining Origin: 63

File ID: PERFO_020LUP File Type: DEPTH LOG

Producer Name: Schlumberger Product/Version: OP 17C0-154 File Set: 41 File Number: 19 26-NOV-2009 23:20:45

Company Name: Esso Australia Pty Ltd
Well Name: WKF W12A
Field Name: West Kingfish
Tool String: SHM_GUN, PGGT-D
Computations: WELLCAD

Error Summary File: **PERFO_020LUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **PERFO_020LUP** Sequence: **1**

Origin: 63

Well Data

Company Name	Esso Australia Pty Ltd	CN
Well Name	WKF W12A	WN
Field Name	West Kingfish	FN
Rig:	175	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Bass Strait	FL
	Gippsland	FL1
Service Order Number	B297-00020	SON
Longitude	148°6'19.67638"E	LONG
Latitude	038° 35' 34.70389" S	LATI
Maximum Hole Deviation	11.0 (deg)	MHD
Elevation of Kelly Bushing	41.7 (m)	EKB
Elevation of Ground Level	-77.0 (m)	EGL
Elevation of Derrick Floor	41.7 (m)	EDF
Permanent Datum	MSL	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, FL2, SECT, TOWN, RANG, APIN

Job Data

Date as Month-Day-Year	26-Nov-2009	DATE
Run Number	1&2	RUN
Total Depth - Driller	2430.0 (m)	TDD
Total Depth - Logger	2392.0 (m)	TDL
Bottom Log Interval	0.0 (m)	BLI
Top Log Interval	0.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	19.5 (m)	CDF
Casing Depth To	2430.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.00 (in)	BS
Bit Size Depth From	626.5 (m)	BSDF
Bit Size Depth To	2430.0 (m)	BSDT
Date Logger At Bottom	26-Nov-2009	DLAB, TLAB
Logging Unit Number	3829	LUN, LUL
Engineer's Name	M. Pratt, B. Donahoe	ENGI
Witness's Name	D Daniels , A Choy	WITN
Service Order Number	B297-00020	SON
	Time Logger At Bottom 13:00	
	Logging Unit Location AUSL	

Mud Data

Drilling Fluid Type	Brine	DET
---------------------	-------	-----

Drilling Fluid Type

Drilling Fluid Density

Date Logger At Bottom

Drine

8.55 (g/cm3)

26-Nov-2009

Time Logger At Bottom

13:00

DF1

DFD

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 Schlumberger LWD log provided by client

Objective: RIH with Junk Basket & 6" Guage ring to HUD, ensure access forMaxRrun

Set MaxR to perforate Interval 2317m – 2319m with 4–1/2

"HSD 12spf, 135/45 deg phased perforating gun using 4512 Powerjet Omega charges.

CPST Secure initiated

HUD tagged @ 3342.6m MDKB with Junk Basket

CCL to Bottom Of Junk Basket = 2.51m

Gun 1: Top shot 3238.3m–3240.3m MDKB

CCL to Top Shot= 11.66m

CCL stop Depth = 3226.64m MDKB

Schlumberger crew:

Days: P. Lawerence , M. Hancock

Nights: P. Batters, M. Hancock , TCP Specialist: Rowan Block

R1

R2

R3

R4

R5

R6

R7

R10

R11

R12

R15

R16

R17

Other Services

None

OS1

Channels

File: PERFO_020LUP

Sequence: 1

Origin: 63

SHM_GUN: GUN

Spacing: –6.0 in

DCC

DCV

Number of Channels: 2

Spacing: –1.0 in

SCCL

Number of Channels: 1

PGGT–D: Powered Gun Gamma Ray – D

Spacing: –6.0 in

GR

RGR

Number of Channels: 2

Spacing: –1.0 in

CCL

RCCL

Number of Channels: 2

System and Miscellaneous

Spacing: –6.0 in

BS

CS

CVEL

ETIM

TDEP

TENS

TIME

Number of Channels: 7

Spacing: –1.0 in

IDWD

SCD

SCDV

TDEP;1

TIME;1

Number of Channels: 5

Frame Summary						
File: PERFO_020LUP Sequence: 1						
Origin: 63						
<div>Index Type</div> BOREHOLE-DEPTH	<div>Start</div> 2411.27	<div>Stop</div> 2274.27 m	<div>Spacing</div> –60.0 (0.1 in) up	<div>Channels</div> 11	<div>Index Channel</div> TDEP	<div>Frame Name</div> 60B
	7911.00	7461.50 ft				
BOREHOLE-DEPTH	2411.27	2274.29 m	–10.0 (0.1 in) up	8	TDEP;1	10B
	7911.00	7461.58 ft				

File Header

File: PERFO_039LUP

Sequence: 2

Defining Origin: 59

File ID: PERFO_039LUP

File Type: DEPTH LOG

Producer Name: Schlumberger

Product/Version: OP 17C0–154

File Set: 41

File Number: 38

27-NOV–2009 13:28:38

Company Name: Esso Australia Pty Ltd

Well Name: WKF W12A

Field Name: West Kingfish

Tool String: SHM_GUN, PGGT–D

Computations: WEI | CAD

Computations: WELLLOG		
Error Summary	File: PERFO_039LUP	Sequence: 2
No errors detected in file.		

Well Site Data	File: PERFO_039LUP	Sequence: 2
-----------------------	---------------------------	--------------------

Origin: 59

Well Data

Company Name	Esso Australia Pty Ltd		CN
Well Name	WKF W12A		WN
Field Name	West Kingfish		FN
Rig:	175		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Bass Strait		FL
	Gippsland		FL1
Service Order Number	B297-00020		SON
Longitude	148°6'19.67638"E		LONG
Latitude	038° 35' 34.70389" S		LATI
Maximum Hole Deviation	11.0 (deg)		MHD
Elevation of Kelly Bushing	41.7 (m)		EKB
Elevation of Ground Level	-77.0 (m)		EGL
Elevation of Derrick Floor	41.7 (m)		EDF
Permanent Datum	MSL	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, FL2, SECT, TOWN, RANG, APIN

Job Data

Date as Month-Day-Year	26-Nov-2009		DATE
Run Number	1&2		RUN
Total Depth - Driller	2430.0 (m)		TDD
Total Depth - Logger	2408.5 (m)		TDL
Bottom Log Interval	2320.6 (m)		BLI
Top Log Interval	2319.5 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	19.5 (m)		CDF
Casing Depth To	2430.0 (m)		CADT
Casing Grade	L-80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.00 (in)		BS
Bit Size Depth From	626.5 (m)		BSDF
Bit Size Depth To	2430.0 (m)		BSDT
Date Logger At Bottom	26-Nov-2009	Time Logger At Bottom	13:00 DLAB, TLAB
Logging Unit Number	3829	Logging Unit Location	AUSL LUN, LUL
Engineer's Name	M. Pratt, B. Donahoe		ENGI
Witness's Name	D Daniels , A Choy		WITN
Service Order Number	B297-00020		SON

Mud Data

Drilling Fluid Type	Brine		DFT
Drilling Fluid Density	8.55 (g/cm3)		DFD
Date Logger At Bottom	26-Nov-2009	Time Logger At Bottom	13:00 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 Schlumberger LWD log provided by client	R1
Objective: RIH with Junk Basket & 6" Guage ring to HUD, ensure access forMaxRun	R2
Set MaxR to perforate Interval 2319.5m - 2320.6m with 4-1/2	R3
"HSD 12spf, 135/45 deg phased perforating gun using 4512 Powerjet Omega charges.	R4
CPST Secure initiated	R5
HUD tagged @ 2408.5m MDKB with Junk Basket	R6
CCL to Bottom Of Junk Basket = 2.51m	R7
Gun 1: Top shot 2319.5-2320.6m MDKB	R10
CCL to Top Shot= 11.66m	R11
CCL to Bottom = 2323.81m MDKB	R12

CCL stop Depth = 2307.84m MDKB	R12
Schlumberger crew:	R15
Days: P. Lawrence , M. Hancock	R16
Nights: P. Batters, M. Hancock , TCP Specialist: Rowan Block	R17
Other Services	
None	OS1

Channels	File: PERFO_039LUP	Sequence: 2
Origin: 59		
SHM_GUN: GUN		
Spacing: -6.0 in	Number of Channels: 2	
DCC DCV		
Spacing: -1.0 in	Number of Channels: 1	
SCCL		
PGGT-D: Powered Gun Gamma Ray - D		
Spacing: -6.0 in	Number of Channels: 2	
GR RGR		
Spacing: -1.0 in	Number of Channels: 2	
CCL RCCL		
System and Miscellaneous		
Spacing: -6.0 in	Number of Channels: 7	
BS CS CVEL ETIM TDEP TENS TIME		
Spacing: -1.0 in	Number of Channels: 5	
IDWD SCD SCDV TDEP;1 TIME;1		

Frame Summary		File: PERFO_039LUP	Sequence: 2			
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	2350.31	2311.76 m	-60.0 (0.1 in) up	11	TDEP	60B
	7711.00	7584.50 ft				
BOREHOLE-DEPTH	2350.31	2311.93 m	-10.0 (0.1 in) up	8	TDEP;1	10B
	7711.00	7585.08 ft				

File Header	File: PERFO_040LUP	Sequence: 3
Defining Origin: 59		
File ID: PERFO_040LUP	File Type: DEPTH LOG	
Producer Name: Schlumberger	Product/Version: OP 17C0-154	File Set: 41
		File Number: 39
		27-NOV-2009 13:34:55
Company Name:	Esso Australia Pty Ltd	
Well Name:	WKF W12A	
Field Name:	West Kingfish	
Tool String:	SHM_GUN, PGGT-D	
Computations:	WELLCAD	

Error Summary	File: PERFO_040LUP	Sequence: 3
No errors detected in file.		

Well Site Data	File: PERFO_040LUP	Sequence: 3
Origin: 59		
Well Data		
Company Name	Esso Australia Pty Ltd	CN
Well Name	WKF W12A	WN
Field Name	West Kingfish	FN
Rig:	175	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Bass Strait	FL
	Gippsland	FL1
Service Order Number	B297-00020	SON
Longitude	148°6'19.67638"E	LONG
Latitude	038°35'34.70389" S	LATI

Maximum Hole Deviation	11.0 (deg)			MHD
Elevation of Kelly Bushing	41.7 (m)			EKB
Elevation of Ground Level	-77.0 (m)			EGL
Elevation of Derrick Floor	41.7 (m)			EDF
Permanent Datum	MSL	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, FL2, SECT, TOWN, RANG, APIN

Job Data

Date as Month-Day-Year	26-Nov-2009			DATE
Run Number	1&2			RUN
Total Depth – Driller	2430.0 (m)			TDD
Total Depth – Logger	2408.5 (m)			TDL
Bottom Log Interval	2320.6 (m)			BLI
Top Log Interval	2319.5 (m)			TLI
Current Casing Size	7.00 (in)			CSIZ
Casing Depth From	19.5 (m)			CDF
Casing Depth To	2430.0 (m)			CADT
Casing Grade	L-80			CASG
Casing Weight	26.0 (lbm/ft)			CWEI
Bit Size	8.00 (in)			BS
Bit Size Depth From	626.5 (m)			BSDF
Bit Size Depth To	2430.0 (m)			BSDT
Date Logger At Bottom	26-Nov-2009	Time Logger At Bottom	13:00	DLAB, TLAB
Logging Unit Number	3829	Logging Unit Location	AUSL	LUN, LUL
Engineer's Name	M. Pratt, B. Donahoe			ENGI
Witness's Name	D Daniels , A Choy			WITN
Service Order Number	B297-00020			SON

Mud Data

Drilling Fluid Type	Brine			DFT
Drilling Fluid Density	8.55 (g/cm3)			DFD
Date Logger At Bottom	26-Nov-2009	Time Logger At Bottom	13:00	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 Schlumberger LWD log provided by client	R1
Objective: RIH with Junk Basket & 6" Guage ring to HUD, ensure access forMaxRun	R2
Set MaxR to perforate Interval 2319.5m - 2320.6m with 4-1/2	R3
"HSD 12spf, 135/45 deg phased perforating gun using 4512 Powerjet Omega charges.	R4
CPST Secure initiated	R5
HUD tagged @ 2408.5m MDKB with Junk Basket	R6
CCL to Bottom Of Junk Basket = 2.51m	R7
Gun 1: Top shot 2319.5-2320.6m MDKB	R10
CCL to Top Shot= 11.66m	R11
CCL stop Depth = 2307.84m MDKB	R12
Schlumberger crew:	R15
Days: P. Lawrence , M. Hancock	R16
Nights: P. Batters, M. Hancock , TCP Specialist: Rowan Block	R17

Other Services

None	OS1
------	-----

Channels File: PERFO_040LUP Sequence: 3

Origin: 59

SHM_GUN: GUN

Spacing: -6.0 in	Number of Channels: 2
DCC DCV	
Spacing: -1.0 in	Number of Channels: 1
SCCL	

PGGT-D: Powered Gun Gamma Ray - D

Spacing: -6.0 in	Number of Channels: 2
GR RGR	
Spacing: -1.0 in	Number of Channels: 2
SCCL RSCCL	

System and Miscellaneous**Spacing:** -6.0 in**Number of Channels:** 7

BS CS CVEL ETIM TDEP TENS TIME

Spacing: -1.0 in**Number of Channels:** 5

IDWD SCD SCDV TDEP;1 TIME;1

Frame Summary File: **PERFO_040LUP** Sequence: **3****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	2349.86	2236.01 m	-60.0 (0.1 in) up	11	TDEP	60B
	7709.50	7336.00 ft				
BOREHOLE-DEPTH	2349.86	2236.19 m	-10.0 (0.1 in) up	8	TDEP;1	10B
	7709.50	7336.58 ft				

**Verification Listing****Listing Completed:** 27-NOV-2009 14:03:39