

Input Source: D:\OP_Folder\Clients\ExxonMobil\WFK_W21a\GUN\COMP_HSD_COMP_029.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **PERFO_009PUP** Sequence: **1**

Defining Origin: 116

File ID: PERFO_009PUP File Type: PLAYBACK

Producer Name: Schlumberger

Product/Version: OP 14C0-302

File Set: 41

File Number: 8

26-AUG-2006 10:58:15

Company Name: Esso Australia Ltd.

Well Name: WKF W-21a

Field Name: West Kingfish

Tool String: SHM_GUN, PGGT-D

Computations: WELLCAD

Error Summary File: **PERFO_009PUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **PERFO_009PUP** Sequence: **1**

Origin: 116

Well Data

Company Name	Esso Australia Ltd.	CN
Well Name	WKF W-21a	WN
Field Name	West Kingfish	FN
Rig:	ISDL 453/ Prod 3	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Bassin	FL1
	Bass Strait	FL2
Longitude	148°06'15.1"E	LONG
Latitude	38°35'40.7"S	LATI
Maximum Hole Deviation	22.0 (deg)	MHD
Elevation of Kelly Bushing	33.4 (m)	EKB
Elevation of Ground Level	109.5 (m)	EGL
Elevation of Derrick Floor	33.4 (m)	EDF
Permanent Datum	Mean Sea Level	PDAT, EPD
Log Measured From	Kelly Bushing	LMF, APD
Drilling Measured From	Kelly Bushing	DMF
	Elevation of Permanent Datum	0.0 (m)
	Above Permanent Datum	33.4 (m)

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

Job Data

Date as Month-Day-Year	26-Aug-2006	DATE
Run Number	1&2	RUN
Total Depth - Driller	2571.0 (m)	TDD
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	11.0 (m)	CDF
Casing Depth To	2565.0 (m)	CADT
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	109.0 (m)	BSDF
Bit Size Depth To	2565.0 (m)	BSDT
Date Logger At Bottom	26-Aug-2006	DLAB
Logging Unit Number	41	LUN, LUL
Engineer's Name	Joel Hogan	ENGI
Witness's Name	Tony Basset, Bim Steel	WITN
	Logging Unit Location	AUSL

Absent Valued Parameters: TDL, BLI, TLI, CASG, TLAB, SON

Mud Data

Drilling Fluid Type	Inhibited Sea Water	DFT
Drilling Fluid Density	1.20 (g/cm3)	DFD
Date Logger At Bottom	26-Aug-2006	DLAB

Absent Valued Parameters: DFV, DFL, DFSL, DFLN, MDC, DMC, MCT, DMCS, MEST, DMCS, MOST, DMC, DMED, MDT, MDT1, MDT2, MDT3, DDC, TDC, TLAB

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

Frame Summary File: PERFO_009PUP Sequence: 1

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2546.45	2198.83 m	-60.0 (0.1 in) up	9	TDEP	60B
	8354.50	7214.00 ft				
BOREHOLE-DEPTH	2546.45	2198.85 m	-10.0 (0.1 in) up	8	TDEP;1	10B
	8354.50	7214.08 ft				

File Header File: PERFO_015LUP Sequence: 2

Defining Origin: 83

File ID: PERFO_015LUP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 14C0-302 File Set: 41 File Number: 14 26-AUG-2006 16:12:00
Company Name: Esso Australia Ltd.
Well Name: WKF W-21a
Field Name: West Kingfish
Tool String: SHM_GUN, PGGT-D
Computations: WELLCAD

Error Summary File: PERFO_015LUP Sequence: 2

No errors detected in file.

Well Site Data File: PERFO_015LUP Sequence: 2

Origin: 83

Well Data

Company Name	Esso Australia Ltd.	CN
Well Name	WKF W-21a	WN
Field Name	West Kingfish	FN
Rig:	ISDL 453/ Prod 3	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Bassin	FL1
	Bass Strait	FL2
Longitude	148°06'15.1"E	LONG
Latitude	38°35'40.7"S	LATI
Maximum Hole Deviation	22.0 (deg)	MHD
Elevation of Kelly Bushing	33.4 (m)	EKB
Elevation of Ground Level	109.5 (m)	EGL
Elevation of Derrick Floor	33.4 (m)	EDF
Permanent Datum	Mean Sea Level	PDAT, EPD
Log Measured From	Kelly Bushing	LMF, APD
Drilling Measured From	Kelly Bushing	DMF

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

Job Data

Date as Month-Day-Year	26-Aug-2006	DATE
Run Number	1&2	RUN
Total Depth - Driller	2571.0 (m)	TDD
Total Depth - Logger	2534.5 (m)	TDL
Bottom Log Interval	2534.5 (m)	BLI
Top Log Interval	2198.5 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	11.0 (m)	CDF
Casing Depth To	2565.0 (m)	CADT
Casing Weight	26.0 (lbm/ft)	CWEI
Pit Size	0.50 (in)	PS

Bit Size	8.50 (in)			BS
Bit Size Depth From	109.0 (m)			BSDF
Bit Size Depth To	2565.0 (m)			BSDT
Date Logger At Bottom	26--Aug--2006	Time Logger At Bottom	10:35	DLAB, TLAB
Logging Unit Number	41	Logging Unit Location	AUSL	LUN, LUL
Engineer's Name	Joel Hogan			ENGI
Witness's Name	Tony Basset, Bim Steel			WITN
Absent Valued Parameters: CASG, SON				
Mud Data				
Drilling Fluid Type	Inhibited Sea Water			DFT
Drilling Fluid Density	1.20 (g/cm3)			DFD
Date Logger At Bottom	26--Aug--2006	Time Logger At Bottom	10:35	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				

Frame Summary		File: PERFO_015LUP	Sequence: 2			
Origin: 83						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2500.43	2372.72 m	-60.0 (0.1 in) up	9	TDEP	60B
	8203.50	7784.50 ft				
BOREHOLE-DEPTH	2500.43	2372.74 m	-10.0 (0.1 in) up	8	TDEP;1	10B
	8203.50	7784.58 ft				

File Header		File: PERFO_016LUP	Sequence: 3
Defining Origin: 83			
File ID: PERFO_016LUP File Type: DEPTH LOG			
Producer Name: Schlumberger		Product/Version: OP 14C0-302	File Set: 41
		File Number: 15	26--AUG--2006 16:34:04
Company Name:	Esso Australia Ltd.		
Well Name:	WKF W-21a		
Field Name:	West Kingfish		
Tool String:	SHM_GUN, PGGT-D		
Computations:	WELLCAD		

Error Summary		File: PERFO_016LUP	Sequence: 3
No errors detected in file.			

Well Site Data		File: PERFO_016LUP	Sequence: 3
Origin: 83			
Well Data			
Company Name	Esso Australia Ltd.		CN
Well Name	WKF W-21a		WN
Field Name	West Kingfish		FN
Rig:	ISDL 453/ Prod 3		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Bassin		FL1
	Bass Strait		FL2
Service Order Number	AUSL06165340		SON
Longitude	148*06'15.1"E		LONG
Latitude	38*35'40.7"S		LATI
Maximum Hole Deviation	22.0 (deg)		MHD
Elevation of Kelly Bushing	33.4 (m)		EKB
Elevation of Ground Level	109.5 (m)		EGL
Elevation of Derrick Floor	33.4 (m)		EDF
Permanent Datum	Mean Sea Level	Elevation of Permanent Datum	0.0 (m)
Log Measured From	Kelly Bushing	Above Permanent Datum	33.4 (m)
Drilling Measured From	Kelly Bushing		PDAT, EPD
			LMF, APD
			DMF
Absent Valued Parameters: CNL, CONT, SECT, TOWN, RANG, APIN			

Job Data

Date as Month–Day–Year	26–Aug–2006		DATE
Run Number	1&2		RUN
Total Depth – Driller	2571.0 (m)		TDD
Total Depth – Logger	2534.5 (m)		TDL
Bottom Log Interval	2534.5 (m)		BLI
Top Log Interval	2198.5 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	11.0 (m)		CDF
Casing Depth To	2565.0 (m)		CADT
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	109.0 (m)		BSDF
Bit Size Depth To	2565.0 (m)		BSDT
Date Logger At Bottom	26–Aug–2006	Time Logger At Bottom	10:35
Logging Unit Number	41	Logging Unit Location	AUSL
Engineer's Name	Joel Hogan		DLAB, TLAB
Witness's Name	Tony Basset, Bim Steel		LUN, LUL
Service Order Number	AUSL06165340		ENGI
			WITN
			SON

Absent Valued Parameters: CASG

Mud Data

Drilling Fluid Type	Inhibited Sea Water		DFT
Drilling Fluid Density	1.20 (g/cm3)		DFD
Date Logger At Bottom	26–Aug–2006	Time Logger At Bottom	10:35

Absent Valued Parameters: DFV, DFL, DFP#, 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

Frame Summary File: PERFO_016LUP Sequence: 3

Origin: 83

<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	2499.97 8202.00	2379.27 m 7806.00 ft	–60.0 (0.1 in) up	9	TDEP	60B
BOREHOLE–DEPTH	2499.97 8202.00	2379.14 m 7805.58 ft	–10.0 (0.1 in) up	8	TDEP;1	10B

File Header File: PERFO_024PUP Sequence: 4

Defining Origin: 35

File ID: PERFO_024PUP	File Type: PLAYBACK				
Producer Name: Schlumberger	Product/Version: OP 14C0–302	File Set: 41	File Number: 23	28–AUG–2006 15:17:33	
Company Name:	Esso Australia Ltd.				
Well Name:	WKF W–21a				
Field Name:	West Kingfish				
Tool String:	SHM_GUN, PGGT–CC				
Computations:	WELLCAD				

Error Summary File: PERFO_024PUP Sequence: 4

No errors detected in file.

Well Site Data File: PERFO_024PUP Sequence: 4

Origin: 35**Well Data**

Company Name	Esso Australia Ltd.	CN
Well Name	WKF W-21a	WN
Field Name	West Kingfish	FN
Rig:	ISDL 453/ Prod 3	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Bassin	FL1
	Bass Strait	FL2
Service Order Number	AUSL06165340	SON
Longitude	148°06'15.1"E	LONG
Latitude	38°35'40.7"S	LATI
Maximum Hole Deviation	22.0 (deg)	MHD
Elevation of Kelly Bushing	33.4 (m)	EKB
Elevation of Ground Level	109.5 (m)	EGL
Elevation of Derrick Floor	33.4 (m)	EDF
Permanent Datum	Mean Sea Level	PDAT, EPD
Log Measured From	Kelly Bushing	LMF, APD
Drilling Measured From	Kelly Bushing	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	26-Aug-2006	DATE
Run Number	1&2	RUN
Total Depth - Driller	2571.0 (m)	TDD
Total Depth - Logger	2534.5 (m)	TDL
Bottom Log Interval	2534.5 (m)	BLI
Top Log Interval	2198.5 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	11.0 (m)	CDF
Casing Depth To	2565.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	109.0 (m)	BSDF
Bit Size Depth To	2565.0 (m)	BSDT
Date Logger At Bottom	26-Aug-2006	DLAB, TLAB
Logging Unit Number	41	LUN, LUL
Engineer's Name	Joel Hogan	ENGI
Witness's Name	Tony Basset, Bim Steel	WITN
Service Order Number	AUSL06165340	SON
	Time Logger At Bottom	10:35
	Logging Unit Location	AUSL

Mud Data

Drilling Fluid Type	Inhibited Sea Water	DFT
Drilling Fluid Density	1.02 (g/cm3)	DFD
Date Logger At Bottom	26-Aug-2006	DLAB, TLAB
	Time Logger At Bottom	10:35

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 Solar Composite Log provided by client, undated.	R1
Purpose of log: To run junk basket with 6" gauge ring to confirm access to future zones. HUD=2535.5mMDKB	R2
Run in hole with 4 1/2" HSD Powerjet Omega and perforate interval 2436mMDKB-2437.5mMDKB.	R3
CCL to top shot 3.69m	R4
CCL stop depth 2432.31mMDKB	R5
Top shot fired at 2436mMDKB	R6
Run in hole with GR-CCL to confirm packer setting depths.	R7
Casing PIP tag= ,Tubing PIP tag=	R8
Packer , packer .	R9
Schlumberger crew: R Murray, C Harris, K Kerr (days)	R10
G Martin, C Armstrong, N Simmons (nights)	R11
Performed by Schlumberger.	R12
	R14
	R15
	R17

Other ServicesGR-CCL
Tubing CorrelationOS1
OS2**Frame Summary** File: **PERFO_024PUP** Sequence: **4****Origin: 35**

<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	2479.55 8135.00	2270.00 m 7447.50 ft	-60.0 (0.1 in) up	9	TDEP	60B
BOREHOLE-DEPTH	2479.55 8135.00	2270.02 m 7447.58 ft	-10.0 (0.1 in) up	8	TDEP;1	10B

**Verification Listing****Listing Completed:** 1-SEP-2006 16:31:14