

**Input Source:** D:\OP\_Folder\Clients\Ess02008\MKA\_A-23\PFCS\COMP\_A23\_PLT\_COMP\_143.DLIS  
**Format:** DLIS  
**Storage Set ID:** Default Storage Set

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

**File Header** File: **FCS\_ILS\_DEFT\_GMS\_067PUP** Sequence: 1

**Defining Origin: 35**

File ID: FCS\_ILS\_DEFT\_GMS\_067PUP File Type: PLAYBACK  
Producer Name: Schlumberger Product/Version: OP 15C0-309 File Set: 41 File Number: 44 30-JUL-2008 18:56:27  
Company Name: Esso Australia Pty Ltd  
Well Name: A-23  
Field Name: Mackerel  
Tool String: PFCS-A, PILS-A, DEFT-C2, PGM-C-A/B, PSPT-A  
Computations: WELLCAD, SPRI, BORDYN, PLQL

**Error Summary** File: **FCS\_ILS\_DEFT\_GMS\_067PUP** Sequence: 1

No errors detected in file.

**Well Site Data** File: **FCS\_ILS\_DEFT\_GMS\_067PUP** Sequence: 1

**Origin: 35**

**Well Data**

Company Name	Esso Australia Pty Ltd	CN
Well Name	A-23	WN
Field Name	Mackerel	FN
Rig :	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl	SON
Longitude	140 20' 33.955"E	LONG
Latitude	038 28' 44.7719"S	LATI
Maximum Hole Deviation	33.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	MSL	PDAT, EPD
Log Measured From	DF	LMF, APD
Drilling Measured From	DF	DMF

Elevation of Permanent Datum 39.5 (m)  
Above Permanent Datum -39.5 (m)

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

**Job Data**

Date as Month-Day-Year	26-Jul-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2732.0 (m)	TDD
Total Depth - Logger	2650.0 (m)	TDL
Bottom Log Interval	2595.0 (m)	BLI
Top Log Interval	2625.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	21.7 (m)	CDF
Casing Depth To	2707.4 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.78 (in)	BS
Bit Size Depth From	21.0 (m)	BSDF
Bit Size Depth To	2732.0 (m)	BSDT
Date Logger At Bottom	26-Jul-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	Gordon Wright	ENGI
Witness's Name	Barrie White	WITN
Service Order Number	Ausl	SON

**Mud Data**

<b>Mud Data</b>		DFT
Drilling Fluid Type	Production Fluids	DFD
Drilling Fluid Density	1.000 (g/cm3)	MRT
Maximum Recorded Temperature	103.9 (degC)	MRT1
	103.9 (degC)	DLAB, TLAB
Date Logger At Bottom	26-Jul-2008	
	Time Logger At Bottom	10:54
Absent Valued Parameters: 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 provided by client.		R1
Maximum well deviation = 33 Degrees @ 2518.0m MDKB		R2
Dual deft, PLT survey conducted from 2595.0m to 2625.0m MDKB		R3
4 static and 4 flowing passes logged at differing speeds.		R4
SBHP = XXXX.XPsia, SBHT = XXX.XDegF		R5
FBHP = XXXX.XPsia, FBHT = XXX.X DegF		R6
Well test results during XXmin test :		R7
Total fluids = XX.X kl/d.		R8
Gas lift in = XXX Km3/d, Gas out = XXX km3/d		R9
Choke at 100%, Pap XXX kpa, Tha XXX Kpa, Tsp XXX Kpa.		R10
Psp XXX Kpa, Flt XXX DegC, Tst XXX DegC.		R11
Crew		R15
LJ & CS		R16
<b>Other Services</b>		
None		OS1

<b>Frame Summary</b>						
File: FCS_ILS_DEFT_GMS_067PUP      Sequence: 1						
<b>Origin: 35</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	2629.51	2592.02 m	-60.0 (0.1 in) up	89	TDEP	60B
	8627.00	8504.00 ft				
BOREHOLE-DEPTH	2629.51	2592.04 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	8627.00	8504.08 ft				

<b>File Header</b>		File: FCS_ILS_DEFT_GMS_068PUP	Sequence: 2
<b>Defining Origin: 35</b>			
File ID: FCS_ILS_DEFT_GMS_068PUP		File Type: PLAYBACK	
Producer Name: Schlumberger		Product/Version: OP 15C0-309	
		File Set: 41	File Number: 45
		30-JUL-2008 18:58:07	
Company Name: Esso Australia Pty Ltd			
Well Name: A-23			
Field Name: Mackerel			
Tool String: PFCS-A, PILS-A, DEFT-C2, PGMC-A/B, PSPT-A			
Computations: WELLCAD, SPRI, BORDYN, PLQL			

<b>Error Summary</b>		File: FCS_ILS_DEFT_GMS_068PUP	Sequence: 2
No errors detected in file.			

<b>Well Site Data</b>		File: FCS_ILS_DEFT_GMS_068PUP	Sequence: 2
<b>Origin: 35</b>			

## Well Data

Company Name	Esso Australia Pty Ltd	CN
Well Name	A-23	WN
Field Name	Mackerel	FN
Rig :	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl	SON
Longitude	140 20' 33.955"E	LONG
Latitude	038 28' 44.7719"S	LATI
Maximum Hole Deviation	33.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	MSL	PDAT, EPD
Log Measured From	DF	LMF, APD
Drilling Measured From	DF	DMF
	Elevation of Permanent Datum 39.5 (m)	
	Above Permanent Datum -39.5 (m)	

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

## Job Data

Date as Month-Day-Year	26-Jul-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2732.0 (m)	TDD
Total Depth - Logger	2650.0 (m)	TDL
Bottom Log Interval	2595.0 (m)	BLI
Top Log Interval	2625.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	21.7 (m)	CDF
Casing Depth To	2707.4 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.78 (in)	BS
Bit Size Depth From	21.0 (m)	BSDF
Bit Size Depth To	2732.0 (m)	BSDT
Date Logger At Bottom	26-Jul-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	Gordon Wright	ENGI
Witness's Name	Barrie White	WITN
Service Order Number	Ausl	SON
	Time Logger At Bottom 10:54	
	Logging Unit Location AUSL / Prod4	

## Mud Data

Drilling Fluid Type	Production Fluids	DFT
Drilling Fluid Density	1.000 (g/cm3)	DFD
Maximum Recorded Temperature	103.9 (degC)	MRT
	103.9 (degC)	MRT1
Date Logger At Bottom	26-Jul-2008	DLAB, TLAB
	Time Logger At Bottom 10:54	

Absent Valued Parameters: DFV, DFL, DFPF, 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 provided by client.	R1
Maximum well deviation = 33 Degrees @ 2518.0m MDKB	R2
Dual deft, PLT survey conducted from 2595.0m to 2625.0m MDKB	R3
4 static and 4 flowing passes logged at differing speeds.	R4
SBHP = XXXX.XPsia, SBHT = XXX.XDegF	R5
FBHP = XXXX.XPsia, FBHT = XXX.X DegF	R6
Well test results during XXmin test :	R7
Total fluids = XX.X kl/d.	R8
Gas lift in = XXX Km3/d, Gas out = XXX km3/d	R9
Choke at 100%, Pap XXX kpa, Tha XXX Kpa, Tsp XXX Kpa.	R10
Psp XXX Kpa, Flt XXX DegC, Tst XXX DegC.	R11
Crew	R15
LJ & CS	R16

## Other Services

None	OS1
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Frame Summary		File: FCS_ILS_DEFT_GMS_068PUP		Sequence: 2		
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	2632.86	2582.11 m	-60.0 (0.1 in) up	89	TDEP	60B
	8638.00	8471.50 ft				
BOREHOLE-DEPTH	2632.86	2582.14 m	-10.0 (0.1 in) up	4	TDEP;1	10B
	8638.00	8471.58 ft				

File Header		File: FCS_ILS_DEFT_GMS_069PUP		Sequence: 3	
Defining Origin: 35					
File ID: FCS_ILS_DEFT_GMS_069PUP    File Type: PLAYBACK					
Producer Name: Schlumberger		Product/Version: OP 15C0-309		File Set: 41	File Number: 46    30-JUL-2008 18:58:50
Company Name:	Esso Australia Pty Ltd				
Well Name:	A-23				
Field Name:	Mackerel				
Tool String:	PFCS-A, PILS-A, DEFT-C2, PGMC-A/B, PSPT-A				
Computations:	WELLCAD, SPRI, BORDYN, PLQL				

File Header		File: FCS_ILS_DEFT_GMS_069PUP		Sequence: 3	
Defining Origin: 35					
File ID: FCS_ILS_DEFT_GMS_069PUP   File Type: PLAYBACK					
Producer Name: Schlumberger		Product/Version: OP 15C0-309		File Set: 41	File Number: 46      30-JUL-2008 18:58:50
Company Name:    Esso Australia Pty Ltd					
Well Name:        A-23					
Field Name:       Mackerel					
Tool String:      PFCS-A, PILS-A, DEFT-C2, PGMC-A/B, PSPT-A					
Computations:    WELLCAD, SPRI, BORDYN, PLQL					

<b>Error Summary</b>	File: <b>FCS_ILS_DEFT_GMS_069PUP</b>	Sequence: <b>3</b>
No errors detected in file.		

Well Site Data

File: FCS\_ILS\_DEFT\_GMS\_069PUP

Sequence: 3

Origin: 35

Well Data

Company Name	Esso Australia Pty Ltd	CN
Well Name	A-23	WN
Field Name	Mackerel	FN
Rig :	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl	SON
Longitude	140 20' 33.955"E	LONG
Latitude	038 28' 44.7719"S	LATI
Maximum Hole Deviation	33.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	MSL	PDAT, EPD
Log Measured From	DF	LMF, APD
Drilling Measured From	DF	DMF

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

Job Data

Date as Month-Day-Year	26-Jul-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2732.0 (m)	TDD
Total Depth - Logger	2650.0 (m)	TDL
Bottom Log Interval	2595.0 (m)	BLI
Top Log Interval	2625.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	21.7 (m)	CDF
Casing Depth To	2707.4 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.78 (in)	BS

Bit Size Depth From	21.0 (m)			BSD
Bit Size Depth To	2732.0 (m)			BSDT
Date Logger At Bottom	26-Jul-2008	Time Logger At Bottom	10:54	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	AUSL / Prod4	LUN, LUL
Engineer's Name	Gordon Wright			ENGI
Witness's Name	Barrie White			WITN
Service Order Number	Ausl			SON
<b>Mud Data</b>				
Drilling Fluid Type	Production Fluids			DFT
Drilling Fluid Density	1.000 (g/cm3)			DFD
Maximum Recorded Temperature	103.9 (degC)			MRT
	103.9 (degC)			MRT1
Date Logger At Bottom	26-Jul-2008	Time Logger At Bottom	10:54	DLAB, TLAB
Absent Valued Parameters: 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 provided by client.				R1
Maximum well deviation = 33 Degrees @ 2518.0m MDKB				R2
Dual deft, PLT survey conducted from 2595.0m to 2625.0m MDKB				R3
4 static and 4 flowing passes logged at differing speeds.				R4
SBHP = XXXX.XPsia, SBHT = XXX.XDegF				R5
FBHP = XXXX.XPsia, FBHT = XXX.X DegF				R6
Well test results during XXmin test :				R7
Total fluids = XX.X kl/d.				R8
Gas lift in = XXX Km3/d, Gas out = XXX km3/d				R9
Choke at 100%, Pap XXX kpa, Tha XXX Kpa, Tsp XXX Kpa.				R10
Psp XXX Kpa, Flt XXX DegC, Tst XXX DegC.				R11
Crew				R15
LJ & CS				R16
<b>Other Services</b>				
None				OS1

<b>Frame Summary</b> File: <b>FCS_ILS_DEFT_GMS_069PUP</b> Sequence: <b>3</b>						
<b>Origin: 35</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	2634.69	2593.09 m	-60.0 (0.1 in) up	89	TDEP	60B
	8644.00	8507.50 ft				
BOREHOLE-DEPTH	2634.69	2593.11 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	8644.00	8507.58 ft				

File Header		File: FCS_ILS_DEFT_GMS_070PUP	Sequence: 4		
Defining Origin: 35					
File ID: FCS_ILS_DEFT_GMS_070PUP    File Type: PLAYBACK					
Producer Name: Schlumberger		Product/Version: OP 15C0-309	File Set: 41	File Number: 47	30-JUL-2008 18:59:41
Company Name:	Esso Australia Pty Ltd				
Well Name:	A-23				
Field Name:	Mackerel				
Tool String:	PFCS-A, PILS-A, DEFT-C2, PGMC-A/B, PSPT-A				
Computations:	WELLCAD, SPRI, BORDYN, PLQL				

<b>Error Summary</b> File: <b>FCS_ILS_DEFT_GMS_070PUP</b> Sequence: <b>4</b>						
No errors detected in file.						

<b>Well Site Data</b> File: <b>FCS_ILS_DEFT_GMS_070PUP</b> Sequence: <b>4</b>						
<b>Origin: 35</b>						
<b>Well Data</b>						
Company Name	Esso Australia Pty Ltd					

Company Name	Esso Australia Pty Ltd	CN
Well Name	A-23	WN
Field Name	Mackerel	FN
Rig :	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl	SON
Longitude	140 20' 33.955"E	LONG
Latitude	038 28' 44.7719"S	LATI
Maximum Hole Deviation	33.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	MSL	PDAT, EPD
Log Measured From	DF	LMF, APD
Drilling Measured From	DF	DMF

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

Job Data

Date as Month-Day-Year	26-Jul-2008		DATE
Run Number	One		RUN
Total Depth – Driller	2732.0 (m)		TDD
Total Depth – Logger	2650.0 (m)		TDL
Bottom Log Interval	2595.0 (m)		BLI
Top Log Interval	2625.0 (m)		TLI
Current Casing Size	7.63 (in)		CSIZ
Casing Depth From	21.7 (m)		CDF
Casing Depth To	2707.4 (m)		CADT
Casing Grade	L-80		CASG
Casing Weight	29.7 (lbm/ft)		CWEI
Bit Size	9.78 (in)		BS
Bit Size Depth From	21.0 (m)		BSDF
Bit Size Depth To	2732.0 (m)		BSDT
Date Logger At Bottom	26-Jul-2008	Time Logger At Bottom 10:54	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location AUSL / Prod4	LUN, LUL
Engineer's Name	Gordon Wright		ENGI
Witness's Name	Barrie White		WITN
Service Order Number	Ausl		SON

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Drilling Fluid Density	1.000 (g/cm3)		DFD
Maximum Recorded Temperature	103.9 (degC)		MRT
	103.9 (degC)		MRT1
Date Logger At Bottom	26-Jul-2008	Time Logger At Bottom 10:54	DLAB, TLAB

Absent Valued Parameters: 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 provided by client.		R1
Maximum well deviation = 33 Degrees @ 2518.0m MDKB		R2
Dual deft, PLT survey conducted from 2595.0m to 2625.0m MDKB		R3
4 static and 4 flowing passes logged at differing speeds.		R4
SBHP = XXXX.XPsia, SBHT = XXX.XDegF		R5
FBHP = XXXX.XPsia, FBHT = XXX.X DegF		R6
Well test results during XXmin test :		R7
Total fluids = XX.X kl/d.		R8
Gas lift in = XXX Km3/d, Gas out = XXX km3/d		R9
Choke at 100%, Pap XXX kpa, Tha XXX Kpa, Tsp XXX Kpa.		R10
Psp XXX Kpa, Flt XXX DegC, Tst XXX DegC.		R11
Crew		R15
LJ & CS		R16

Other Services

None		OS1
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Origin: 35

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2633.01	2583.03 m	-60.0 (0.1 in) up	89	TDEP	60B
	8638.50	8474.50 ft				
BOREHOLE-DEPTH	2633.01	2583.05 m	-10.0 (0.1 in) up	4	TDEP;1	10B
	8638.50	8474.58 ft				

File Header

File: FCS\_ILS\_DEFT\_GMS\_071PUP    Sequence: 5

Defining Origin: 35

File ID: FCS_ILS_DEFT_GMS_071PUP	File Type: PLAYBACK				
Producer Name: Schlumberger	Product/Version: OP 15C0-309	File Set: 41	File Number: 48	30-JUL-2008 19:00:20	
Company Name:	Esso Australia Pty Ltd				
Well Name:	A-23				
Field Name:	Mackerel				
Tool String:	PFCS-A, PILS-A, DEFT-C2, PGMC-A/B, PSPT-A				
Computations:	WELLCAD, SPRI, BORDYN, PLQL				

Error Summary

File: FCS\_ILS\_DEFT\_GMS\_071PUP    Sequence: 5

No errors detected in file.

Well Site Data

File: FCS\_ILS\_DEFT\_GMS\_071PUP    Sequence: 5

Origin: 35

Well Data			
Company Name	Esso Australia Pty Ltd		CN
Well Name	A-23		WN
Field Name	Mackerel		FN
Rig :	Prod 4 / Crane		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Service Order Number	Ausl		SON
Longitude	140 20' 33.955"E		LONG
Latitude	038 28' 44.7719"S		LATI
Maximum Hole Deviation	33.0 (deg)		MHD
Elevation of Kelly Bushing	39.5 (m)		EKB
Elevation of Ground Level	-93.0 (m)		EGL
Elevation of Derrick Floor	39.5 (m)		EDF
Permanent Datum	MSL	Elevation of Permanent Datum    39.5 (m)	PDAT, EPD
Log Measured From	DF	Above Permanent Datum    -39.5 (m)	LMF, APD
Drilling Measured From	DF		DMF

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

Job Data

Date as Month-Day-Year	26-Jul-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2732.0 (m)	TDD
Total Depth - Logger	2650.0 (m)	TDL
Bottom Log Interval	2595.0 (m)	BLI
Top Log Interval	2625.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	21.7 (m)	CDF
Casing Depth To	2707.4 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	29.7 (lbm/ft)	CWEI

Bit Size9.78 (in)

Bit Size Depth From21.0 (m)

Bit Size Depth To2732.0 (m)

Date Logger At Bottom26-Jul-2008

Logging Unit Number889

Engineer's NameGordon Wright

Witness's NameBarrie White

Service Order NumberAusl

Time Logger At Bottom10:54

Logging Unit LocationAUSL / Prod4

BS

BSDF

BSDT

DLAB, TLAB

LUN, LUL

ENGI

WITN

SON

Mud Data

Drilling Fluid TypeProduction Fluids

Drilling Fluid Density1.000 (g/cm3)

Maximum Recorded Temperature103.9 (degC)

103.9 (degC)

Date Logger At Bottom26-Jul-2008

Time Logger At Bottom10:54

DFT

DFD

MRT

MRT1

DLAB, TLAB

Absent Valued Parameters: 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

Log correlated to ExxonMobil solar composite provided by client.

Maximum well deviation = 33 Degrees @ 2518.0m MDKB

Dual deft, PLT survey conducted from 2595.0m to 2625.0m MDKB

4 static and 4 flowing passes logged at differing speeds.

SBHP = XXXX.XPsia, SBHT = XXX.XDegF

FBHP = XXXX.XPsia, FBHT = XXX.X DegF

Well test results during XXmin test :

Total fluids = XX.X kl/d.

Gas lift in = XXX Km3/d, Gas out = XXX km3/d

Choke at 100%, Pap XXX kpa, Tha XXX Kpa, Tsp XXX Kpa.

Psp XXX Kpa, Flt XXX DegC, Tst XXX DegC.

Crew

LJ & CS

R1

R2

R3

R4

R5

R6

R7

R8

R9

R10

R11

R15

R16

Other Services

None

OS1

Frame Summary

File: FCS\_ILS\_DEFT\_GMS\_071PUP

Sequence: 5

Origin: 35

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2635.15	2592.93 m	-60.0 (0.1 in) up	89	TDEP	60B
	8645.50	8507.00 ft				
BOREHOLE-DEPTH	2635.15	2592.96 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	8645.50	8507.08 ft				

File Header

File: FCS\_ILS\_DEFT\_GMS\_072PUP

Sequence: 6

Defining Origin: 35

File ID: FCS\_ILS\_DEFT\_GMS\_072PUP

File Type: PLAYBACK

Producer Name: Schlumberger

Product/Version: OP 15C0-309

File Set: 41

File Number: 49

30-JUL-2008 19:01:21

Company Name: Esso Australia Pty Ltd

Well Name: A-23

Field Name: Mackerel

Tool String: PFCS-A, PILS-A, DEFT-C2, PGMC-A/B, PSPT-A

Computations: WELLCAD, SPRI, BORDYN, PLQL

Error Summary

File: FCS\_ILS\_DEFT\_GMS\_072PUP

Sequence: 6

No errors detected in file

**Well Site Data**

File: FCS\_ILS\_DEFT\_GMS\_072PUP

Sequence: 6

**Origin: 35****Well Data**

Company Name	Esso Australia Pty Ltd	CN
Well Name	A-23	WN
Field Name	Mackerel	FN
Rig :	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl	SON
Longitude	140 20' 33.955"E	LONG
Latitude	038 28' 44.7719"S	LATI
Maximum Hole Deviation	33.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	MSL	PDAT, EPD
Log Measured From	DF	LMF, APD
Drilling Measured From	DF	DMF
	Elevation of Permanent Datum 39.5 (m)	
	Above Permanent Datum -39.5 (m)	

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

**Job Data**

Date as Month-Day-Year	26-Jul-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2732.0 (m)	TDD
Total Depth - Logger	2650.0 (m)	TDL
Bottom Log Interval	2595.0 (m)	BLI
Top Log Interval	2625.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	21.7 (m)	CDF
Casing Depth To	2707.4 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.78 (in)	BS
Bit Size Depth From	21.0 (m)	BSDF
Bit Size Depth To	2732.0 (m)	BSDT
Date Logger At Bottom	26-Jul-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	Gordon Wright	ENGI
Witness's Name	Barrie White	WITN
Service Order Number	Ausl	SON
	Time Logger At Bottom 10:54	
	Logging Unit Location AUSL / Prod4	

**Mud Data**

Drilling Fluid Type	Production Fluids	DFT
Drilling Fluid Density	1.000 (g/cm3)	DFD
Maximum Recorded Temperature	103.9 (degC)	MRT
	103.9 (degC)	MRT1
Date Logger At Bottom	26-Jul-2008	DLAB, TLAB
	Time Logger At Bottom 10:54	

Absent Valued Parameters: 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 provided by client.	R1
Maximum well deviation = 33 Degrees @ 2518.0m MDKB	R2
Dual deft, PLT survey conducted from 2595.0m to 2625.0m MDKB	R3
4 static and 4 flowing passes logged at differing speeds.	R4
SBHP = XXXX.XPsia, SBHT = XXX.XDegF	R5
FBHP = XXXX.XPsia, FBHT = XXX.X DegF	R6
Well test results during XXmin test :	R7
Total fluids = XX.X kl/d.	R8
Gas lift in = XXX Km3/d, Gas out = XXX km3/d	R9
Choke at 100%, Pap XXX kpa, Tha XXX Kpa, Tsp XXX Kpa.	R10
Psp XXX Kpa, Flt XXX DegC, Tst XXX DegC	R11

Crew	R11
LJ & CS	R15
Other Services	R16
None	OS1

Frame Summary		File: FCS_ILS_DEFT_GMS_072PUP		Sequence: 6		
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	2633.32	2582.72 m	-60.0 (0.1 in) up	89	TDEP	60B
	8639.50	8473.50 ft				
BOREHOLE-DEPTH	2633.32	2582.75 m	-10.0 (0.1 in) up	4	TDEP;1	10B
	8639.50	8473.58 ft				

File Header	File: FCS_ILS_DEFT_GMS_073PUP	Sequence: 7
Defining Origin: 35		
File ID: FCS_ILS_DEFT_GMS_073PUP	File Type: PLAYBACK	
Producer Name: Schlumberger	Product/Version: OP 15C0-309	File Set: 41
		File Number: 50
		30-JUL-2008 19:01:54
Company Name:	Esso Australia Pty Ltd	
Well Name:	A-23	
Field Name:	Mackerel	
Tool String:	PFCS-A, PILS-A, DEFT-C2, PGMCA-B, PSPT-A	
Computations:	WELLCAD, SPRI, BORDYN, PLQL	

Error Summary	File: FCS_ILS_DEFT_GMS_073PUP	Sequence: 7
No errors detected in file.		

Well Site Data	File: FCS_ILS_DEFT_GMS_073PUP	Sequence: 7
Origin: 35		
Well Data		
Company Name	Esso Australia Pty Ltd	CN
Well Name	A-23	WN
Field Name	Mackerel	FN
Rig :	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl	SON
Longitude	140 20' 33.955"E	LONG
Latitude	038 28' 44.7719"S	LATI
Maximum Hole Deviation	33.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	MSL	PDAT, EPD
Log Measured From	DF	LMF, APD
Drilling Measured From	DF	DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN		
Job Data		
Date as Month-Day-Year	26-Jul-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2732.0 (m)	TDD
Total Depth - Logger	2650.0 (m)	TDL
Bottom Log Interval	2595.0 (m)	BLI
Top Log Interval	2625.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	21.7 (m)	CDF
Casing Depth To	2707.4 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.78 (in)	BS
Bit Size Depth From	21.0 (m)	BSDF

Bit Size Depth To	2732.0 (m)			BSDT
Date Logger At Bottom	26-Jul-2008	Time Logger At Bottom	10:54	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	AUSL / Prod4	LUN, LUL
Engineer's Name	Gordon Wright			ENGI
Witness's Name	Barrie White			WITN
Service Order Number	Ausl			SON
<b>Mud Data</b>				
Drilling Fluid Type	Production Fluids			DFT
Drilling Fluid Density	1.000 (g/cm3)			DFD
Maximum Recorded Temperature	103.9 (degC)			MRT
	103.9 (degC)			MRT1
Date Logger At Bottom	26-Jul-2008	Time Logger At Bottom	10:54	DLAB, TLAB
Absent Valued Parameters: 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 provided by client.				R1
Maximum well deviation = 33 Degrees @ 2518.0m MDKB				R2
Dual deft, PLT survey conducted from 2595.0m to 2625.0m MDKB				R3
4 static and 4 flowing passes logged at differing speeds.				R4
SBHP = XXXX.XPsia, SBHT = XXX.XDegF				R5
FBHP = XXXX.XPsia, FBHT = XXX.X DegF				R6
Well test results during XXmin test :				R7
Total fluids = XX.X kl/d.				R8
Gas lift in = XXX Km3/d, Gas out = XXX km3/d				R9
Choke at 100%, Pap XXX kpa, Tha XXX Kpa, Tsp XXX Kpa.				R10
Psp XXX Kpa, Flt XXX DegC, Tst XXX DegC.				R11
Crew				R15
LJ & CS				R16
<b>Other Services</b>				
None				OS1

<b>Frame Summary</b> File: <b>FCS_ILS_DEFT_GMS_073PUP</b> Sequence: <b>7</b>						
<b>Origin: 35</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	2635.45	2592.78 m	-60.0 (0.1 in) up	89	TDEP	60B
	8646.50	8506.50 ft				
BOREHOLE-DEPTH	2635.45	2592.81 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	8646.50	8506.58 ft				

<b>File Header</b>	File: <b>FCS_ILS_DEFT_GMS_074PUP</b>	Sequence: <b>8</b>
<b>Defining Origin: 35</b>		
File ID: FCS_ILS_DEFT_GMS_074PUP	File Type: PLAYBACK	
Producer Name: Schlumberger	Product/Version: OP 15C0-309	File Set: 41      File Number: 51      30-JUL-2008 19:02:46
Company Name:	Esso Australia Pty Ltd	
Well Name:	A-23	
Field Name:	Mackerel	
Tool String:	PFCS-A, PILS-A, DEFT-C2, PGMC-A/B, PSPT-A	
Computations:	WELLCAD, SPRI, BORDYN, PLQL	

<b>Error Summary</b>	File: <b>FCS_ILS_DEFT_GMS_074PUP</b>	Sequence: <b>8</b>
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Origin: 35

Well Data

Company Name	Esso Australia Pty Ltd	CN
Well Name	A-23	WN
Field Name	Mackerel	FN
Rig :	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl	SON
Longitude	140 20' 33.955"E	LONG
Latitude	038 28' 44.7719"S	LATI
Maximum Hole Deviation	33.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	MSL	PDAT, EPD
Log Measured From	DF	LMF, APD
Drilling Measured From	DF	DMF
	Elevation of Permanent Datum	39.5 (m)
	Above Permanent Datum	-39.5 (m)

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

Job Data

Date as Month-Day-Year	26-Jul-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2732.0 (m)	TDD
Total Depth - Logger	2650.0 (m)	TDL
Bottom Log Interval	2595.0 (m)	BLI
Top Log Interval	2625.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	21.7 (m)	CDF
Casing Depth To	2707.4 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.78 (in)	BS
Bit Size Depth From	21.0 (m)	BSDF
Bit Size Depth To	2732.0 (m)	BSDT
Date Logger At Bottom	26-Jul-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	Gordon Wright	ENGI
Witness's Name	Barrie White	WITN
Service Order Number	Ausl	SON
	Time Logger At Bottom	10:54
	Logging Unit Location	AUSL / Prod4

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Drilling Fluid Density	1.000 (g/cm3)	DFD
Maximum Recorded Temperature	103.9 (degC)	MRT
	103.9 (degC)	MRT1
Date Logger At Bottom	26-Jul-2008	DLAB, TLAB
	Time Logger At Bottom	10:54

Absent Valued Parameters: 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 provided by client.	R1
Maximum well deviation = 33 Degrees @ 2518.0m MDKB	R2
Dual deft, PLT survey conducted from 2595.0m to 2625.0m MDKB	R3
4 static and 4 flowing passes logged at differing speeds.	R4
SBHP = XXXX.XPsia, SBHT = XXX.XDegF	R5
FBHP = XXXX.XPsia, FBHT = XXX.X DegF	R6
Well test results during XXmin test :	R7
Total fluids = XX.X kl/d.	R8
Gas lift in = XXX Km3/d, Gas out = XXX km3/d	R9
Choke at 100%, Pap XXX kpa, Tha XXX Kpa, Tsp XXX Kpa.	R10

R11

R15

R16

## OS1

OS1

File: **FCS\_ILS\_DEFT\_GMS\_074PUP** Sequence: **8**

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2633.78	2582.57 m	-60.0 (0.1 in) up	89	TDEP	60B
	8641.00	8473.00 ft				
BOREHOLE-DEPTH	2633.78	2582.60 m	-10.0 (0.1 in) up	4	TDEP;1	10B
	8641.00	8473.08 ft				

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2633.78	2582.57 m	-60.0 (0.1 in) up	89	TDEP	60B
	8641.00	8473.00 ft				
BOREHOLE-DEPTH	2633.78	2582.60 m	-10.0 (0.1 in) up	4	TDEP;1	10B
	8641.00	8473.08 ft				

## File: FCS ILS DEFT GMS 060PUP Sequence: 9

File ID: FCS\_ILS\_DEFT\_GMS\_060PUP File Type: PLAYBACK  
 Producer Name: Schlumberger Product/Version: OP 15C0-309 File Set: 41 File Number: 37 30-JUL-2008 18:50:12  
 Company Name: Esso Australia Pty Ltd  
 Well Name: A-23  
 Field Name: Mackerel  
 Tool String: PFCS-A, PILS-A, DEFT-C2, PGMC-A/B, PSPT-A  
 Computations: WELLCAD, SPRI, BORDYN, PLQL

File ID: FCS\_ILS\_DEFT\_GMS\_060PUP File Type: PLAYBACK  
 Producer Name: Schlumberger Product/Version: OP 15C0-309 File Set: 41 File Number: 37 30-JUL-2008 18:50:12  
 Company Name: Esso Australia Pty Ltd  
 Well Name: A-23  
 Field Name: Mackerel  
 Tool String: PFCS-A, PILS-A, DEFT-C2, PGM C-A/B, PSPT-A  
 Computations: WELLCAD, SPRI, BORDYN, PLQL

File: **FCS\_ILS\_DEFT\_GMS\_060PUP** Sequence: **9**

No errors detected in file.

File: **FCS\_ILS\_DEFT\_GMS\_060PUP** Sequence: **9**

Company Name	Esso Australia Pty Ltd	CN
Well Name	A-23	WN
Field Name	Mackerel	FN
Rig :	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl	SON
Longitude	140 20' 33.955"E	LONG
Latitude	038 28' 44.7719"S	LATI
Maximum Hole Deviation	33.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	MSL	PDAT, EPD
Log Measured From	DF	LMF, APD
Drilling Measured From	DF	DMF

Company Name	Esso Australia Pty Ltd	CN
Well Name	A-23	WN
Field Name	Mackerel	FN
Rig :	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl	SON
Longitude	140 20' 33.955"E	LONG
Latitude	038 28' 44.7719"S	LATI
Maximum Hole Deviation	33.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	MSL	PDAT, EPD
Log Measured From	DF	LMF, APD
Drilling Measured From	DF	DMF

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

Date as Month–Day–Year	26–Jul–2008	DATE
Run Number	One	RUN
Total Depth – Driller	2732.0 (m)	TDD
Total Depth – Logger	2650.0 (m)	TDL
Bottom Log Interval	2595.0 (m)	BLI

Date as Month–Day–Year	26–Jul–2008	DATE
Run Number	One	RUN
Total Depth – Driller	2732.0 (m)	TDD
Total Depth – Logger	2650.0 (m)	TDL
Bottom Log Interval	2595.0 (m)	BLI

Top Log Interval	2625.0 (m)			TLI
Current Casing Size	7.63 (in)			CSIZ
Casing Depth From	21.7 (m)			CDF
Casing Depth To	2707.4 (m)			CADT
Casing Grade	L-80			CASG
Casing Weight	29.7 (lbm/ft)			CWEI
Bit Size	9.78 (in)			BS
Bit Size Depth From	21.0 (m)			BSDF
Bit Size Depth To	2732.0 (m)			BSDT
Date Logger At Bottom	26-Jul-2008	Time Logger At Bottom	10:54	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	AUSL / Prod4	LUN, LUL
Engineer's Name	Gordon Wright			ENGI
Witness's Name	Barrie White			WITN
Service Order Number	Ausl			SON
<b>Mud Data</b>				
Drilling Fluid Type	Production Fluids			DFT
Drilling Fluid Density	1.000 (g/cm3)			DFD
Maximum Recorded Temperature	103.9 (degC)			MRT
	103.9 (degC)			MRT1
Date Logger At Bottom	26-Jul-2008	Time Logger At Bottom	10:54	DLAB, TLAB
Absent Valued Parameters: 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 provided by client.				R1
Maximum well deviation = 33 Degrees @ 2518.0m MDKB				R2
Dual deft, PLT survey conducted from 2595.0m to 2625.0m MDKB				R3
4 static and 4 flowing passes logged at differing speeds.				R4
SBHP = XXXX.XPsia, SBHT = XXX.XDegF				R5
FBHP = XXXX.XPsia, FBHT = XXX.X DegF				R6
Well test results during XXmin test :				R7
Total fluids = XX.X kl/d.				R8
Gas lift in = XXX Km3/d, Gas out = XXX km3/d				R9
Choke at 100%, Pap XXX kpa, Tha XXX Kpa, Tsp XXX Kpa.				R10
Psp XXX Kpa, Flt XXX DegC, Tst XXX DegC.				R11
Crew				R15
LJ & CS				R16
<b>Other Services</b>				
None				OS1

Frame Summary		File: FCS_ILS_DEFT_GMS_060PUP		Sequence: 9		
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	2652.52	2558.19 m	-60.0 (0.1 in) up	89	TDEP	60B
	8702.50	8393.00 ft				
BOREHOLE-DEPTH	2652.52	2558.21 m	-10.0 (0.1 in) up	4	TDEP;1	10B
	8702.50	8393.08 ft				

File Header		File: FCS_ILS_DEFT_GMS_061PUP		Sequence: 10		
Defining Origin: 35						
File ID: FCS_ILS_DEFT_GMS_061PUP File Type: PLAYBACK						
Producer Name: Schlumberger		Product/Version: OP 15C0-309		File Set: 41	File Number: 38	30-JUL-2008 18:50:54
Company Name:	Esso Australia Pty Ltd					
Well Name:	A-23					
Field Name:	Mackerel					
Tool String:	PFCS-A, PILS-A, DEFT-C2, PGMC-A/B, PSPT-A					
Computations:	WELLCAD, SPRI, BORDYN, PLQL					

<b>Error Summary</b> File: <b>FCS_ILS_DEFT_GMS_061PUP</b> Sequence: <b>10</b>		
No errors detected in file.		

Origin: 35

Well Data

Company Name	Esso Australia Pty Ltd	CN
Well Name	A-23	WN
Field Name	Mackerel	FN
Rig :	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl	SON
Longitude	140 20' 33.955"E	LONG
Latitude	038 28' 44.7719"S	LATI
Maximum Hole Deviation	33.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	MSL	PDAT, EPD
Log Measured From	DF	LMF, APD
Drilling Measured From	DF	DMF
Elevation of Permanent Datum 39.5 (m)		
Above Permanent Datum -39.5 (m)		

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

Job Data

Date as Month-Day-Year	26-Jul-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2732.0 (m)	TDD
Total Depth - Logger	2650.0 (m)	TDL
Bottom Log Interval	2595.0 (m)	BLI
Top Log Interval	2625.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	21.7 (m)	CDF
Casing Depth To	2707.4 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.78 (in)	BS
Bit Size Depth From	21.0 (m)	BSDF
Bit Size Depth To	2732.0 (m)	BSDT
Date Logger At Bottom	26-Jul-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	Gordon Wright	ENGI
Witness's Name	Barrie White	WITN
Service Order Number	Ausl	SON
Time Logger At Bottom 10:54		
Logging Unit Location AUSL / Prod4		

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Drilling Fluid Density	1.000 (g/cm3)	DFD
Maximum Recorded Temperature	103.9 (degC)	MRT
	103.9 (degC)	MRT1
Date Logger At Bottom	26-Jul-2008	DLAB, TLAB
Time Logger At Bottom 10:54		

Absent Valued Parameters: 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 provided by client.	R1
Maximum well deviation = 33 Degrees @ 2518.0m MDKB	R2
Dual deft, PLT survey conducted from 2595.0m to 2625.0m MDKB	R3
4 static and 4 flowing passes logged at differing speeds.	R4
SBHP = XXXX.XPsia, SBHT = XXX.XDegF	R5
FBHP = XXXX.XPsia, FBHT = XXX.X DegF	R6
Well test results during XXmin test :	R7
Total fluids = XX.X kl/d.	R8
Gas lift in = XXX Km3/d, Gas out = XXX km3/d	R9
Choke at 100%, Pap XXX kpa, Tha XXX Kpa, Tsp XXX Kpa.	R10
Psp XXX Kpa, Flt XXX DegC, Tst XXX DegC.	R11
Crew	R15

Crew	R15
LJ & CS	R16
Other Services	
None	OS1

Frame Summary		File: FCS_ILS_DEFT_GMS_061PUP		Sequence: 10		
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	2653.89	2582.57 m	-60.0 (0.1 in) up	89	TDEP	60B
	8707.00	8473.00 ft				
BOREHOLE-DEPTH	2653.89	2582.60 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	8707.00	8473.08 ft				

File Header	File: FCS_ILS_DEFT_GMS_062PUP	Sequence: 11
Defining Origin: 35		
File ID: FCS_ILS_DEFT_GMS_062PUP	File Type: PLAYBACK	
Producer Name: Schlumberger	Product/Version: OP 15C0-309	File Set: 41
		File Number: 39
		30-JUL-2008 18:51:38
Company Name:	Esso Australia Pty Ltd	
Well Name:	A-23	
Field Name:	Mackerel	
Tool String:	PFCS-A, PILS-A, DEFT-C2, PGMC-A/B, PSPT-A	
Computations:	WELLCAD, SPRI, BORDYN, PLQL	

Error Summary	File: FCS_ILS_DEFT_GMS_062PUP	Sequence: 11
No errors detected in file.		

Well Site Data	File: FCS_ILS_DEFT_GMS_062PUP	Sequence: 11
Origin: 35		
Well Data		
Company Name	Esso Australia Pty Ltd	CN
Well Name	A-23	WN
Field Name	Mackerel	FN
Rig :	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl	SON
Longitude	140 20' 33.955"E	LONG
Latitude	038 28' 44.7719"S	LATI
Maximum Hole Deviation	33.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	MSL	PDAT, EPD
Log Measured From	DF	LMF, APD
Drilling Measured From	DF	DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN		
Job Data		
Date as Month-Day-Year	26-Jul-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2732.0 (m)	TDD
Total Depth - Logger	2650.0 (m)	TDL
		Run

Bottom Log Interval	2595.0 (m)		BL
Top Log Interval	2625.0 (m)		TLI
Current Casing Size	7.63 (in)		CSIZ
Casing Depth From	21.7 (m)		CDF
Casing Depth To	2707.4 (m)		CADT
Casing Grade	L-80		CASG
Casing Weight	29.7 (lbm/ft)		CWEI
Bit Size	9.78 (in)		BS
Bit Size Depth From	21.0 (m)		BSDF
Bit Size Depth To	2732.0 (m)		BSDT
Date Logger At Bottom	26-Jul-2008	Time Logger At Bottom	10:54
Logging Unit Number	889	Logging Unit Location	AUSL / Prod4
Engineer's Name	Gordon Wright		DLAB, TLAB
Witness's Name	Barrie White		LUN, LUL
Service Order Number	Ausl		ENGI
			WITN
			SON

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Drilling Fluid Density	1.000 (g/cm3)		DFD
Maximum Recorded Temperature	103.9 (degC)		MRT
	103.9 (degC)		MRT1
Date Logger At Bottom	26-Jul-2008	Time Logger At Bottom	10:54
			DLAB, TLAB
Absent Valued Parameters: 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 Job Type	Primary		CJT
Absent Valued Parameters: CTOp, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA			

Remarks

Log correlated to ExxonMobil solar composite provided by client.	R1
Maximum well deviation = 33 Degrees @ 2518.0m MDKB	R2
Dual deft, PLT survey conducted from 2595.0m to 2625.0m MDKB	R3
4 static and 4 flowing passes logged at differing speeds.	R4
SBHP = XXXX.XPsia, SBHT = XXX.XDegF	R5
FBHP = XXXX.XPsia, FBHT = XXX.X DegF	R6
Well test results during XXmin test :	R7
Total fluids = XX.X kl/d.	R8
Gas lift in = XXX Km3/d, Gas out = XXX km3/d	R9
Choke at 100%, Pap XXX kpa, Tha XXX Kpa, Tsp XXX Kpa.	R10
Psp XXX Kpa, Flt XXX DegC, Tst XXX DegC.	R11
Crew	R15
LJ & CS	R16

Other Services

None	OS1
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Frame Summary	File: FCS_ILS_DEFT_GMS_062PUP	Sequence: 11
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Origin: 35						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2652.67	2572.82 m	-60.0 (0.1 in) up	89	TDEP	60B
	8703.00	8441.00 ft				
BOREHOLE-DEPTH	2652.67	2572.84 m	-10.0 (0.1 in) up	4	TDEP;1	10B
	8703.00	8441.08 ft				

File Header	File: FCS_ILS_DEFT_GMS_063PUP	Sequence: 12
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Defining Origin: 35					
File ID: FCS_ILS_DEFT_GMS_063PUP	File Type: PLAYBACK				
Producer Name: Schlumberger	Product/Version: OP 15C0-309	File Set: 41	File Number: 40	30-JUL-2008 18:52:48	
Company Name:	Esso Australia Pty Ltd				
Well Name:	A-23				
Field Name:	Mackerel				
Tool String:	PFCS-A, PILS-A, DEFT-C2, PGMc-A/B, PSPT-A				
Computations:	WELLCAD, SPRI, BORDYN, PLQL				

<b>Error Summary</b>	File: <b>FCS_ILS_DEFT_GMS_063PUP</b>	Sequence: <b>12</b>
No errors detected in file.		

<b>Well Site Data</b>	File: <b>FCS_ILS_DEFT_GMS_063PUP</b>	Sequence: <b>12</b>
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Origin: 35

Well Data

Company Name	Esso Australia Pty Ltd	CN
Well Name	A-23	WN
Field Name	Mackerel	FN
Rig :	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl	SON
Longitude	140 20' 33.955"E	LONG
Latitude	038 28' 44.7719"S	LATI
Maximum Hole Deviation	33.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	MSL	PDAT, EPD
Log Measured From	DF	LMF, APD
Drilling Measured From	DF	DMF
	Elevation of Permanent Datum 39.5 (m)	
	Above Permanent Datum -39.5 (m)	

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

Job Data

Date as Month-Day-Year	26-Jul-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2732.0 (m)	TDD
Total Depth - Logger	2650.0 (m)	TDL
Bottom Log Interval	2595.0 (m)	BLI
Top Log Interval	2625.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	21.7 (m)	CDF
Casing Depth To	2707.4 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.78 (in)	BS
Bit Size Depth From	21.0 (m)	BSDF
Bit Size Depth To	2732.0 (m)	BSDT
Date Logger At Bottom	26-Jul-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	Gordon Wright	ENGI
Witness's Name	Barrie White	WITN
Service Order Number	Ausl	SON
	Time Logger At Bottom 10:54	
	Logging Unit Location AUSL / Prod4	

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Drilling Fluid Density	1.000 (g/cm3)	DFD
Maximum Recorded Temperature	103.9 (degC)	MRT
	103.9 (degC)	MRT1
Date Logger At Bottom	26-Jul-2008	DLAB, TLAB
	Time Logger At Bottom 10:54	

Absent Valued Parameters: DVF, 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 provided by client.	R1
Maximum well deviation = 33 Degrees @ 2518.0m MDKB	R2
Dual deft, PLT survey conducted from 2595.0m to 2625.0m MDKB	R3
4 static and 4 flowing passes logged at differing speeds.	R4

SBHP = XXXX.XPsia, SBHT = XXX.XDegF	R5
FBHP = XXXX.XPsia, FBHT = XXX.X DegF	R6
Well test results during XXmin test :	R7
Total fluids = XX.X kl/d.	R8
Gas lift in = XXX Km3/d, Gas out = XXX km3/d	R9
Choke at 100%, Pap XXX kpa, Tha XXX Kpa, Tsp XXX Kpa.	R10
Psp XXX Kpa, Flt XXX DegC, Tst XXX DegC.	R11
Crew	R15
LJ & CS	R16
Other Services	
None	OS1

Frame Summary		File: FCS_ILS_DEFT_GMS_063PUP		Sequence: 12		
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	2654.20	2590.50 m	-60.0 (0.1 in) up	89	TDEP	60B
	8708.00	8499.00 ft				
BOREHOLE-DEPTH	2654.20	2590.52 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	8708.00	8499.08 ft				

File Header	File: FCS_ILS_DEFT_GMS_064PUP	Sequence: 13
Defining Origin: 35		
File ID: FCS_ILS_DEFT_GMS_064PUP	File Type: PLAYBACK	
Producer Name: Schlumberger	Product/Version: OP 15C0-309	File Set: 41
		File Number: 41
		30-JUL-2008 18:53:38
Company Name:	Esso Australia Pty Ltd	
Well Name:	A-23	
Field Name:	Mackerel	
Tool String:	PFCS-A, PILS-A, DEFT-C2, PGMCA-B, PSPT-A	
Computations:	WELLCAD, SPRI, BORDYN, PLQL	

Error Summary	File: FCS_ILS_DEFT_GMS_064PUP	Sequence: 13
No errors detected in file.		

Well Site Data	File: FCS_ILS_DEFT_GMS_064PUP	Sequence: 13
Origin: 35		
Well Data		
Company Name	Esso Australia Pty Ltd	CN
Well Name	A-23	WN
Field Name	Mackerel	FN
Rig :	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl	SON
Longitude	140 20' 33.955"E	LONG
Latitude	038 28' 44.7719"S	LATI
Maximum Hole Deviation	33.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	MSL	PDAT, EPD
Log Measured From	DF	LMF, APD
Drilling Measured From	DF	DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN		
Job Data		
Date as Month-Day-Year	26-Jul-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2732.0 (m)	TDD
Total Depth - Logger	2650.0 (m)	TDL
Bottom Log Interval	2595.0 (m)	BLI
Top Log Interval	2625.0 (m)	TLI

Current Casing Size	7.63 (in)			CSIZ
Casing Depth From	21.7 (m)			CDF
Casing Depth To	2707.4 (m)			CADT
Casing Grade	L-80			CASG
Casing Weight	29.7 (lbm/ft)			CWEI
Bit Size	9.78 (in)			BS
Bit Size Depth From	21.0 (m)			BSDF
Bit Size Depth To	2732.0 (m)			BSDT
Date Logger At Bottom	26-Jul-2008	Time Logger At Bottom	10:54	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	AUSL / Prod4	LUN, LUL
Engineer's Name	Gordon Wright			ENGI
Witness's Name	Barrie White			WITN
Service Order Number	Ausl			SON
<b>Mud Data</b>				
Drilling Fluid Type	Production Fluids			DFT
Drilling Fluid Density	1.000 (g/cm3)			DFD
Maximum Recorded Temperature	103.9 (degC)			MRT
	103.9 (degC)			MRT1
Date Logger At Bottom	26-Jul-2008	Time Logger At Bottom	10:54	DLAB, TLAB
Absent Valued Parameters: 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 provided by client.				R1
Maximum well deviation = 33 Degrees @ 2518.0m MDKB				R2
Dual deft, PLT survey conducted from 2595.0m to 2625.0m MDKB				R3
4 static and 4 flowing passes logged at differing speeds.				R4
SBHP = XXXX.XPsia, SBHT = XXX.XDegF				R5
FBHP = XXXX.XPsia, FBHT = XXX.X DegF				R6
Well test results during XXmin test :				R7
Total fluids = XX.X kl/d.				R8
Gas lift in = XXX Km3/d, Gas out = XXX km3/d				R9
Choke at 100%, Pap XXX kpa, Tha XXX Kpa, Tsp XXX Kpa.				R10
Psp XXX Kpa, Flt XXX DegC, Tst XXX DegC.				R11
Crew				R15
LJ & CS				R16
<b>Other Services</b>				
None				OS1

Frame Summary						
File: FCS_ILS_DEFT_GMS_064PUP		Sequence: 13				
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	2657.55	2580.59 m	-60.0 (0.1 in) up	89	TDEP	60B
	8719.00	8466.50 ft				
BOREHOLE-DEPTH	2657.55	2580.61 m	-10.0 (0.1 in) up	4	TDEP;1	10B
	8719.00	8466.58 ft				

File Header		File: FCS_ILS_DEFT_GMS_065PUP		Sequence: 14	
Defining Origin: 35					
File ID: FCS_ILS_DEFT_GMS_065PUP File Type: PLAYBACK					
Producer Name: Schlumberger		Product/Version: OP 15C0-309		File Set: 41	File Number: 42
Company Name: Esso Australia Pty Ltd				30-JUL-2008 18:54:34	

Well Name:	A-23
Field Name:	Mackerel
Tool String:	PFCS-A, PILS-A, DEFT-C2, PGMC-A/B, PSPT-A
Computations:	WELLCAD, SPRI, BORDYN, PLQL

Error Summary

File: FCS\_ILS\_DEFT\_GMS\_065PUP

Sequence: 14

No errors detected in file.

Well Site Data

File: FCS\_ILS\_DEFT\_GMS\_065PUP

Sequence: 14

Origin: 35

Well Data

Company Name	Esso Australia Pty Ltd		CN
Well Name	A-23		WN
Field Name	Mackerel		FN
Rig :	Prod 4 / Crane		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Service Order Number	Ausl		SON
Longitude	140 20' 33.955"E		LONG
Latitude	038 28' 44.7719"S		LATI
Maximum Hole Deviation	33.0 (deg)		MHD
Elevation of Kelly Bushing	39.5 (m)		EKB
Elevation of Ground Level	-93.0 (m)		EGL
Elevation of Derrick Floor	39.5 (m)		EDF
Permanent Datum	MSL	Elevation of Permanent Datum 39.5 (m)	PDAT, EPD
Log Measured From	DF	Above Permanent Datum -39.5 (m)	LMF, APD
Drilling Measured From	DF		DMF

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

Job Data

Date as Month-Day-Year	26-Jul-2008		DATE
Run Number	One		RUN
Total Depth - Driller	2732.0 (m)		TDD
Total Depth - Logger	2650.0 (m)		TDL
Bottom Log Interval	2595.0 (m)		BLI
Top Log Interval	2625.0 (m)		TLI
Current Casing Size	7.63 (in)		CSIZ
Casing Depth From	21.7 (m)		CDF
Casing Depth To	2707.4 (m)		CADT
Casing Grade	L-80		CASG
Casing Weight	29.7 (lbm/ft)		CWEI
Bit Size	9.78 (in)		BS
Bit Size Depth From	21.0 (m)		BSDF
Bit Size Depth To	2732.0 (m)		BSDT
Date Logger At Bottom	26-Jul-2008	Time Logger At Bottom 10:54	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location AUSL / Prod4	LUN, LUL
Engineer's Name	Gordon Wright		ENGI
Witness's Name	Barrie White		WITN
Service Order Number	Ausl		SON

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Drilling Fluid Density	1.000 (g/cm3)		DFD
Maximum Recorded Temperature	103.9 (degC)		MRT
	103.9 (degC)		MRT1
Date Logger At Bottom	26-Jul-2008	Time Logger At Bottom 10:54	DLAB, TLAB

Absent Valued Parameters: 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 provided by client.		R1
Maximum well deviation = 33 Degrees @ 2518.0m MDKB		R2
Dual deft, PLT survey conducted from 2595.0m to 2625.0m MDKB		R3

4 static and 4 flowing passes logged at differing speeds.	R4
SBHP = XXXX.XPsia, SBHT = XXX.XDegF	R5
FBHP = XXXX.XPsia, FBHT = XXX.X DegF	R6
Well test results during XXmin test :	R7
Total fluids = XX.X kl/d.	R8
Gas lift in = XXX Km3/d, Gas out = XXX km3/d	R9
Choke at 100%, Pap XXX kpa, Tha XXX Kpa, Tsp XXX Kpa.	R10
Psp XXX Kpa, Flt XXX DegC, Tst XXX DegC.	R11
Crew	R15
LJ & CS	R16
<b>Other Services</b>	
None	OS1

<b>Frame Summary</b>	File: <b>FCS_ILS_DEFT_GMS_065PUP</b>	Sequence: <b>14</b>
<b>Origin: 35</b>		
<div><div>Index Type</div><div>BOREHOLE-DEPTH</div></div>	<div><div>Start</div><div>2659.38 8725.00</div></div> <div><div>Stop</div><div>2592.32 m 8505.00 ft</div></div> <div><div>Spacing</div><div>-60.0 (0.1 in) up</div></div> <div><div>Channels</div><div>89</div></div> <div><div>Index Channel</div><div>TDEP</div></div> <div><div>Frame Name</div><div>60B</div></div>	
<div><div>BOREHOLE-DEPTH</div></div>	<div><div>2659.38 8725.00</div></div> <div><div>2592.35 m 8505.08 ft</div></div> <div><div>-10.0 (0.1 in) up</div></div> <div><div>7</div></div> <div><div>TDEP;1</div></div> <div><div>10B</div></div>	

<b>File Header</b>	File: <b>FCS_ILS_DEFT_GMS_066PUP</b>	Sequence: <b>15</b>
<b>Defining Origin: 35</b>		
File ID: FCS_ILS_DEFT_GMS_066PUP	File Type: PLAYBACK	
Producer Name: Schlumberger	Product/Version: OP 15C0-309	File Set: 41
		File Number: 43
		30-JUL-2008 18:55:27
Company Name:	Esso Australia Pty Ltd	
Well Name:	A-23	
Field Name:	Mackerel	
Tool String:	PFCS-A, PILS-A, DEFT-C2, PGMC-A/B, PSPT-A	
Computations:	WELLCAD, SPRI, BORDYN, PLQL	

<b>Error Summary</b>	File: <b>FCS_ILS_DEFT_GMS_066PUP</b>	Sequence: <b>15</b>
No errors detected in file.		

<b>Well Site Data</b>	File: <b>FCS_ILS_DEFT_GMS_066PUP</b>	Sequence: <b>15</b>
<b>Origin: 35</b>		
<b>Well Data</b>		
Company Name	Esso Australia Pty Ltd	CN
Well Name	A-23	WN
Field Name	Mackerel	FN
Rig :	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl	SON
Longitude	140 20' 33.955"E	LONG
Latitude	038 28' 44.7719"S	LATI
Maximum Hole Deviation	33.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	MSL	PDAT, EPD
Log Measured From	DF	LMF, APD
Drilling Measured From	DF	DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN		

Date as Month-Day-Year	26-Jul-2008		DATE
Run Number	One		RUN
Total Depth – Driller	2732.0 (m)		TDD
Total Depth – Logger	2650.0 (m)		TDL
Bottom Log Interval	2595.0 (m)		BLI
Top Log Interval	2625.0 (m)		TLI
Current Casing Size	7.63 (in)		CSIZ
Casing Depth From	21.7 (m)		CDF
Casing Depth To	2707.4 (m)		CADT
Casing Grade	L-80		CASG
Casing Weight	29.7 (lbm/ft)		CWEI
Bit Size	9.78 (in)		BS
Bit Size Depth From	21.0 (m)		BSDF
Bit Size Depth To	2732.0 (m)		BSDT
Date Logger At Bottom	26-Jul-2008	Time Logger At Bottom 10:54	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location AUSL / Prod4	LUN, LUL
Engineer's Name	Gordon Wright		ENGI
Witness's Name	Barrie White		WITN
Service Order Number	Ausl		SON

Drilling Fluid Type	Production Fluids	DFT
Drilling Fluid Density	1.000 (g/cm3)	DFD
Maximum Recorded Temperature	103.9 (degC)	MRT
	103.9 (degC)	MRT1
Date Logger At Bottom	26-Jul-2008	Time Logger At Bottom 10:54
		DLAB, TLAB

Absent Valued Parameters: ODN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR

Cement Job Type	Primary	CJT
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Log correlated to ExxonMobil solar composite provided by client.	R1
Maximum well deviation = 33 Degrees @ 2518.0m MDKB	R2
Dual deft, PLT survey conducted from 2595.0m to 2625.0m MDKB	R3
4 static and 4 flowing passes logged at differing speeds.	R4
SBHP = XXXX.XPsia, SBHT = XXX.XDegF	R5
FBHP = XXXX.XPsia, FBHT = XXX.X DegF	R6
Well test results during XXmin test :	R7
Total fluids = XX.X kl/d.	R8
Gas lift in = XXX Km3/d, Gas out = XXX km3/d	R9
Choke at 100%, Pap XXX kpa, Tha XXX Kpa, Tsp XXX Kpa.	R10
Psp XXX Kpa, Flt XXX DegC, Tst XXX DegC.	R11
Crew	R15
LJ & CS	R16

None	OS1
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<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	2654.81 8710.00	2589.73 m 8496.50 ft	-60.0 (0.1 in) up	89	TDEP	60B
BOREHOLE-DEPTH	2654.81 8710.00	2589.76 m 8496.58 ft	-10.0 (0.1 in) up	7	TDEP;1	10B

Company Name: Esso Australia Pty Ltd  
Well Name: A-23  
Field Name: Mackereel

Error Summary	File: FCS_ILS_DEFT_GMS_141PUP	Sequence: 16
No errors detected in file.		

Well Site Data	File: FCS_ILS_DEFT_GMS_141PUP	Sequence: 16
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Origin: 37		
Well Data		
Company Name	Esso Australia Pty Ltd	CN
Well Name	A-23	WN
Field Name	Mackerel	FN
Rig :	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl 08509130	SON
Longitude	140 20' 33.955"E	LONG
Latitude	038 28' 44.7719"S	LATI
Maximum Hole Deviation	33.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	MSL	PDAT, EPD
Log Measured From	DF	LMF, APD
Drilling Measured From	DF	DMF
Elevation of Permanent Datum 39.5 (m)		
Above Permanent Datum -39.5 (m)		
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN		

Job Data		
Date as Month-Day-Year	30-Jul-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2732.0 (m)	TDD
Total Depth - Logger	2667.0 (m)	TDL
Bottom Log Interval	2595.0 (m)	BLI
Top Log Interval	2625.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	21.7 (m)	CDF
Casing Depth To	2707.4 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.78 (in)	BS
Bit Size Depth From	21.0 (m)	BSDF
Bit Size Depth To	2732.0 (m)	BSDT
Date Logger At Bottom	26-Jul-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	Gordon Wright	ENGI
Witness's Name	Barrie White	WITN
Service Order Number	Ausl 08509130	SON
Time Logger At Bottom 10:54		
Logging Unit Location AUSL / Prod4		

Mud Data		
Drilling Fluid Type	Production Fluids	DFT
Drilling Fluid Density	1.000 (g/cm3)	DFD
Maximum Recorded Temperature	103.9 (degC)	MRT
	103.9 (degC)	MRT1
Date Logger At Bottom	26-Jul-2008	DLAB, TLAB
Time Logger At Bottom 10:54		
Absent Valued Parameters: 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 ExxonMobil solar composite provided by client.		R1
Maximum well deviation = 33 Degrees @ 2518.0m MDKB		R2
Dual deft, PLT survey conducted from 2595.0m to 2625.0m MDKB		R3
4 static and 4 flowing passes logged at differing speeds.		R4
SRHP = 3300.0Psia SRHT = 222DegF		R5

R6  
R7  
R8  
R9  
R10  
R15  
R16

## OS1

OS1

## Sequence: 16

<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	2627.22 8619.50	2583.64 m 8476.50 ft	-60.0 (0.1 in) up	102	TDEP	60B
BOREHOLE-DEPTH	2627.22 8619.50	2583.66 m 8476.58 ft	-10.0 (0.1 in) up	4	TDEP;1	10B

## Sequence: 17

## 30-JUL-2008 11:41:06

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## Sequence: 17

No errors detected in file.

## Sequence: 17

Company Name	Esso Australia Pty Ltd	CN
Well Name	A-23	WN
Field Name	Mackerel	FN
Rig :	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl	SON
Longitude	140 20' 33.955"E	LONG
Latitude	038 28' 44.7719"S	LATI
Maximum Hole Deviation	33.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	MSL	PDAT, EPD
Log Measured From	DF	LMF, APD
Drilling Measured From	DF	DMF

Job Data

Date as Month–Day–Year	26–Jul–2008		DATE
Run Number	One		RUN
Total Depth – Driller	2732.0 (m)		TDD
Total Depth – Logger	2650.0 (m)		TDL
Bottom Log Interval	2595.0 (m)		BLI
Top Log Interval	2625.0 (m)		TLI
Current Casing Size	7.63 (in)		CSIZ
Casing Depth From	21.7 (m)		CDF
Casing Depth To	2707.4 (m)		CADT
Casing Grade	L–80		CASG
Casing Weight	29.7 (lbm/ft)		CWEI
Bit Size	9.78 (in)		BS
Bit Size Depth From	21.0 (m)		BSDF
Bit Size Depth To	2732.0 (m)		BSDT
Date Logger At Bottom	26–Jul–2008	Time Logger At Bottom	10:54
Logging Unit Number	889	Logging Unit Location	AUSL / Prod4
Engineer's Name	Gordon Wright		DLAB, TLAB
Witness's Name	Barrie White		LUN, LUL
Service Order Number	Ausl		ENGI
			WITN
			SON

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Drilling Fluid Density	1.000 (g/cm3)		DFD
Maximum Recorded Temperature	103.9 (degC)		MRT
	103.9 (degC)		MRT1
Date Logger At Bottom	26–Jul–2008	Time Logger At Bottom	10:54
			DLAB, TLAB

Absent Valued Parameters: 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 provided by client.	R1
Maximum well deviation = 33 Degrees @ 2518.0m MDKB	R2
Dual deft, PLT survey conducted from 2595.0m to 2625.0m MDKB	R3
4 static and 4 flowing passes logged at differing speeds.	R4
SBHP = XXXX.XPsia, SBHT = XXX.XDegF	R5
FBHP = XXXX.XPsia, FBHT = XXX.X DegF	R6
Well test results during XXmin test :	R7
Total fluids = XX.X kl/d.	R8
Gas lift in = XXX Km3/d, Gas out = XXX km3/d	R9
Choke at 100%, Pap XXX kpa, Tha XXX Kpa, Tsp XXX Kpa.	R10
Psp XXX Kpa, Flt XXX DegC, Tst XXX DegC.	R11
Crew	R15
LJ & CS	R16

Other Services

None	OS1
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Frame Summary      File: FCS\_ILS\_DEFT\_GMS\_044LTP      Sequence: 17

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>
TIME	2529.52	22727.52 s	2000.0 (0.5 ms)	78	TIME;4	2000T

File Header      File: FCS\_ILS\_DEFT\_GMS\_053LTP      Sequence: 18

Defining Origin: 35

File ID: FCS_ILS_DEFT_GMS_053LTP	File Type: STATION				
Producer Name: Schlumberger	Product/Version: OP 15C0–309	File Set: 41	File Number: 35	30–JUL–2008 17:53:37	
Company Name:	Esso Australia Pty Ltd				
Well Name:	A–23				
Field Name:	Mackerel				
Tool String:	PFCS–A, PILS–A, DEFT–C2, PGMC–A/B, PSPT–A				
Computations:	WELLCAD, SPRI, BORDYN, PLQL				

<b>Error Summary</b>	File: <b>FCS_ILS_DEFT_GMS_053LTP</b>	Sequence: <b>18</b>
No errors detected in file.		

<b>Well Site Data</b>	File: <b>FCS_ILS_DEFT_GMS_053LTP</b>	Sequence: <b>18</b>
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Origin: 35

Well Data

Company Name	Esso Australia Pty Ltd	CN
Well Name	A-23	WN
Field Name	Mackerel	FN
Rig :	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl	SON
Longitude	140 20' 33.955"E	LONG
Latitude	038 28' 44.7719"S	LATI
Maximum Hole Deviation	33.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	MSL	PDAT, EPD
Log Measured From	DF	LMF, APD
Drilling Measured From	DF	DMF
	Elevation of Permanent Datum 39.5 (m)	
	Above Permanent Datum -39.5 (m)	

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

Job Data

Date as Month-Day-Year	26-Jul-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2732.0 (m)	TDD
Total Depth - Logger	2650.0 (m)	TDL
Bottom Log Interval	2595.0 (m)	BLI
Top Log Interval	2625.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	21.7 (m)	CDF
Casing Depth To	2707.4 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.78 (in)	BS
Bit Size Depth From	21.0 (m)	BSDF
Bit Size Depth To	2732.0 (m)	BSDT
Date Logger At Bottom	26-Jul-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	Gordon Wright	ENGI
Witness's Name	Barrie White	WITN
Service Order Number	Ausl	SON
	Time Logger At Bottom 10:54	
	Logging Unit Location AUSL / Prod4	

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Drilling Fluid Density	1.000 (g/cm3)	DFD
Maximum Recorded Temperature	103.9 (degC)	MRT
	103.9 (degC)	MRT1
Date Logger At Bottom	26-Jul-2008	DLAB, TLAB
	Time Logger At Bottom 10:54	

Absent Valued Parameters: 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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Remarks

Log correlated to ExxonMobil solar composite provided by client.	R1
Maximum well deviation = 33 Degrees @ 2518.0m MDKB	R2
Dual deft, PLT survey conducted from 2595.0m to 2625.0m MDKB	R3
4 static and 4 flowing passes logged at differing speeds.	R4
SBHP = XXXX.XPsia, SBHT = XXX.XDegF	R5
FBHP = XXXX.XPsia, FBHT = XXX.X DegF	R6
Well test results during XXmin test :	R7
Total fluids = XX.X kl/d.	R8
Gas lift in = XXX Km3/d, Gas out = XXX km3/d	R9
Choke at 100%, Pap XXX kpa, Tha XXX Kpa, Tsp XXX Kpa.	R10
Psp XXX Kpa, Flt XXX DegC, Tst XXX DegC.	R11
Crew	R15
LJ & CS	R16

Other Services

None	OS1
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Frame Summary      File: FCS\_ILS\_DEFT\_GMS\_053LTP      Sequence: 18

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>
TIME	24943.01	25187.01 s	2000.0 (0.5 ms)	78	TIME;4	2000T

File Header      File: FCS\_ILS\_DEFT\_GMS\_054LTP      Sequence: 19

Defining Origin: 35

File ID: FCS_ILS_DEFT_GMS_054LTP	File Type: STATION			
Producer Name: Schlumberger	Product/Version: OP 15C0-309	File Set: 41	File Number: 36	30-JUL-2008 17:59:24
Company Name:	Esso Australia Pty Ltd			
Well Name:	A-23			
Field Name:	Mackerel			
Tool String:	PFCS-A, PILS-A, DEFT-C2, PGMC-A/B, PSPT-A			
Computations:	WELLCAD, SPRI, BORDYN, PLQL			

Error Summary      File: FCS\_ILS\_DEFT\_GMS\_054LTP      Sequence: 19

No errors detected in file.

Well Site Data      File: FCS\_ILS\_DEFT\_GMS\_054LTP      Sequence: 19

Origin: 35

Well Data

Company Name	Esso Australia Pty Ltd		CN
Well Name	A-23		WN
Field Name	Mackerel		FN
Rig :	Prod 4 / Crane		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Service Order Number	Ausl		SON
Longitude	140 20' 33.955"E		LONG
Latitude	038 28' 44.7719"S		LATI
Maximum Hole Deviation	33.0 (deg)		MHD
Elevation of Kelly Bushing	39.5 (m)		EKB
Elevation of Ground Level	-93.0 (m)		EGL
Elevation of Derrick Floor	39.5 (m)		EDF
Permanent Datum	MSL	Elevation of Permanent Datum 39.5 (m)	PDAT, EPD
Log Measured From	DF	Above Permanent Datum -39.5 (m)	LMF, APD
Drilling Measured From	DF		DMF

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

Job Data

Date as Month-Day-Year	26-Jul-2008	DATE
Run Number	One	RUN
Total Depth, Drill	2720.0 (m)	TDD

Total Depth – Driller	2732.0 (m)			TDL
Total Depth – Logger	2650.0 (m)			BLI
Bottom Log Interval	2595.0 (m)			TLI
Top Log Interval	2625.0 (m)			CSIZ
Current Casing Size	7.63 (in)			CDF
Casing Depth From	21.7 (m)			CADT
Casing Depth To	2707.4 (m)			CASG
Casing Grade	L–80			CWEI
Casing Weight	29.7 (lbm/ft)			BS
Bit Size	9.78 (in)			BSDF
Bit Size Depth From	21.0 (m)			BSDT
Bit Size Depth To	2732.0 (m)			DLAB, TLAB
Date Logger At Bottom	26–Jul–2008	Time Logger At Bottom	10:54	LUN, LUL
Logging Unit Number	889	Logging Unit Location	AUSL / Prod4	ENGI
Engineer's Name	Gordon Wright			WITN
Witness's Name	Barrie White			SON
Service Order Number	Ausl			

Mud Data

Drilling Fluid Type	Production Fluids			DFT
Drilling Fluid Density	1.000 (g/cm3)			DFD
Maximum Recorded Temperature	103.9 (degC)			MRT
	103.9 (degC)			MRT1
Date Logger At Bottom	26–Jul–2008	Time Logger At Bottom	10:54	DLAB, TLAB

Absent Valued Parameters: 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 provided by client.	R1
Maximum well deviation = 33 Degrees @ 2518.0m MDKB	R2
Dual deft, PLT survey conducted from 2595.0m to 2625.0m MDKB	R3
4 static and 4 flowing passes logged at differing speeds.	R4
SBHP = XXXX.XPsia, SBHT = XXX.XDegF	R5
FBHP = XXXX.XPsia, FBHT = XXX.X DegF	R6
Well test results during XXmin test :	R7
Total fluids = XX.X kl/d.	R8
Gas lift in = XXX Km3/d, Gas out = XXX km3/d	R9
Choke at 100%, Pap XXX kpa, Tha XXX Kpa, Tsp XXX Kpa.	R10
Psp XXX Kpa, Flt XXX DegC, Tst XXX DegC.	R11
Crew	R15
LJ & CS	R16

Other Services

None	OS1
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Frame Summary      File: FCS\_ILS\_DEFT\_GMS\_054LTP      Sequence: 19

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>
TIME	25254.66	25479.66 s	2000.0 (0.5 ms)	78	TIME;4	2000T



Verification Listing

Listing Completed: 31–JUL–2008 17:05:46