

Input Source: D:\OP_Folder\Clients\Ess02008\MKA_A-11b\PFCS\COMP_A_11B_PLT_COMP_099.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header

File: **FCS_ILS_DEFT_GMS_081PUP** Sequence: 1

Defining Origin: 119

File ID: FCS_ILS_DEFT_GMS_081PUP File Type: PLAYBACK
Producer Name: Schlumberger Product/Version: OP 15C0-309 File Set: 41 File Number: 73 29-JUL-2008 10:56:54
Company Name: Esso Australia Pty Ltd.
Well Name: A-11b
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_081PUP** Sequence: 1

No errors detected in file.

Well Site Data

File: **FCS_ILS_DEFT_GMS_081PUP** Sequence: 1

Origin: 119**Well Data**

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-11b	WN
Field Name	Mackerel	FN
Rig :	Prod4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl08509129	SON
Longitude	148 20'34.038852"E	LONG
Latitude	038 28'44.748624"S	LATI
Maximum Hole Deviation	60.0 (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	M.S.L	PDAT, EPD
Log Measured From	D.F	LMF, APD
Drilling Measured From	D.F	DMF
	Elevation of Permanent Datum 0.0 (m)	
	Above Permanent Datum 39.5 (m)	

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

Job Data

Date as Month-Day-Year	28-Jul-2008	DATE
Run Number	1 & 2	RUN
Total Depth - Driller	3174.0 (m)	TDD
Total Depth - Logger	3110.0 (m)	TDL
Bottom Log Interval	2990.0 (m)	BLI
Top Log Interval	3080.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	20.2 (m)	CDF
Casing Depth To	3235.2 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.4 (lbm/ft)	CWEI
Bit Size	9.88 (in)	BS
Date Logger At Bottom	28-Jul-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	G Wright, O Darby.	ENGI
Witness's Name	B White.	WITN
Service Order Number	Ausl08509129	SON
	Time Logger At Bottom 12:30	
	Logging Unit Location Prod4 / Crane	

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type

Maximum Recorded Temperature

Date Logger At Bottom

Production Fluids

103.9 (degC)

103.9 (degC)

28-Jul-2008

Time Logger At Bottom

12:30

DFT

MRT

MRT1

DLAB, TLAB

Absent Valued Parameters: DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT2, MRT3, DCS, TCS

PVT Data

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

Cement Data

Cement Job Type

Primary

CJT

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

Remarks

Log correlated to ExxonMobil Solar composite supplied with program.

Maximum well deviation = 60 degrees at 1260m MDKB.

Dual Deft,PLT survey logged from 3080m MDKB to 2990m MDKB.

Static and flowing data recorded.

Crew : John Light & Chris Shiells.

R1

R2

R3

R4

R15

Other Services

None

OS1

Frame Summary File: FCS_ILS_DEFT_GMS_081PUP Sequence: 1						
Origin: 119						
<div>Index Type</div>	<div>Start</div>	<div>Stop</div>	<div>Spacing</div>	<div>Channels</div>	<div>Index Channel</div>	<div>Frame Name</div>
BOREHOLE-DEPTH	3094.48	2980.79 m	-60.0 (0.1 in) up	89	TDEP	60B
	10152.50	9779.50 ft				
BOREHOLE-DEPTH	3094.48	2980.82 m	-10.0 (0.1 in) up	4	TDEP;1	10B
	10152.50	9779.58 ft				

File Header

File: FCS_ILS_DEFT_GMS_096PUP

Sequence: 2

Defining Origin: 119

File ID: FCS_ILS_DEFT_GMS_096PUP

File Type: PLAYBACK

Producer Name: Schlumberger

Product/Version: OP 15C0-309

File Set: 41

File Number: 87

29-JUL-2008 15:09:38

Company Name:

Esso Australia Pty Ltd.

Well Name:

A-11b

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_096PUP Sequence: 2		
No errors detected in file.		

Well Site Data

File: FCS_ILS_DEFT_GMS_096PUP

Sequence: 2

Origin: 119

Well Data

Company Name

Well Name

Field Name

Rig :

State:

Nation

Field Location

Service Order Number

Longitude

Latitude

Esso Australia Pty Ltd.

A-11b

Mackerel

Prod4 / Crane

Victoria

Australia

Gippsland

Basin

Bass Strait

Ausl08509129

148 20'34.038852"E

038 28'44.718624"S

CN

WN

FN

CLAB, COUN

SLAB, STAT

NATI

FL

FL1

FL2

SON

LONG

LATI

Latitude	030 20 44.740024 S			LAT
Maximum Hole Deviation	60.0 (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	M.S.L	Elevation of Permanent Datum	0.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum	39.5 (m)	LMF, APD
Drilling Measured From	D.F			DMF

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

Job Data

Date as Month–Day–Year	28–Jul–2008			DATE
Run Number	1 & 2			RUN
Total Depth – Driller	3174.0 (m)			TDD
Total Depth – Logger	3110.0 (m)			TDL
Bottom Log Interval	2990.0 (m)			BLI
Top Log Interval	3080.0 (m)			TLI
Current Casing Size	7.63 (in)			CSIZ
Casing Depth From	20.2 (m)			CDF
Casing Depth To	3235.2 (m)			CADT
Casing Grade	L–80			CASG
Casing Weight	26.4 (lbm/ft)			CWEI
Bit Size	9.88 (in)			BS
Bit Size Depth From	0.0 (m)			BSDF
Bit Size Depth To	3247.0 (m)			BSDT
Date Logger At Bottom	28–Jul–2008	Time Logger At Bottom	12:30	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	Prod4 / Crane	LUN, LUL
Engineer's Name	G Wright,O Darby.			ENGI
Witness's Name	B White.			WITN
Service Order Number	AusI08509129			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	28–Jul–2008	Time Logger At Bottom	12:30	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 supplied with program.	R1
Maximum well deviation = 60 degrees at 1260m MDKB.	R2
Dual Deft,PLT survey logged from 3080m MDKB to 2990m MDKB.	R3
Static and flowing data recorded.	R4
4 static and 2 flowing passes logged at differing speeds.	R5
SBHP= 3326 Pisa, SBHT = 220 DegF	R6
Well test results during 45 minute test :	R7
Total fluids 34.1kl/d, 99% water – 1% oil production registered	R8
Gas lift in = 35 Km3/d, Gas out = 7.7 Km3/d	R9
Choke at 100%, pap 9030kpa, thp 1150kpa, tsp 1100kpa.	R10
Psp 1050kpa, flt 87 DegC, tst 82 DegC	R11
FBHP= 3284Psia, FBHT = 219 DegF.	R12
Perforations 2992.5–2999.5m MDKB	R13
& 3060.5– 3064.5m MDKB	R14
Only two flowing passes were conducted due the upper perforations close	R15
approximatey to the EOT.	R16
Crew : John Light & Chris Shiells	R17

Other Services

None	OS1
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Frame Summary File: FCS_ILS_DEFT_GMS_096PUP Sequence: 2

Origin: 119

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE–DEPTH	3079.85	2975.46 m	–60.0 (0.1 in) up	102	TDEP	60B
	10104.50	9762.00 ft				
BOREHOLE–DEPTH	3079.85	2975.48 m	–10.0 (0.1 in) up	7	TDEP;1	10B
	10104.50	9762.08 ft				

Defining Origin: 41				
File ID: FCS_ILS_DEFT_GMS_031PUP File Type: PLAYBACK				
Producer Name: Schlumberger		Product/Version: OP 15C0-309	File Set: 41	File Number: 26
27-JUL-2008 12:46:14				
Company Name: Esso Australia Pty Ltd.				
Well Name: A-11b				
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_031PUP	Sequence: 3
No errors detected in file.		

Origin: 41				
Well Data				
Company Name		Esso Australia Pty Ltd.		CN
Well Name		A-11b		WN
Field Name		Mackerel		FN
Rig :		Prod4 / Crane		CLAB, COUN
State:		Victoria		SLAB, STAT
Nation		Australia		NATI
Field Location		Gippsland		FL
		Basin		FL1
		Bass Strait		FL2
Service Order Number		Ausl08509127		SON
Longitude		148 20'34.038852"E		LONG
Latitude		038 28'44.748624"S		LATI
Maximum Hole Deviation		60.0 (deg)		MHD
Elevation of Kelly Bushing		39.5 (m)		EKB
Elevation of Ground Level		-79.0 (m)		EGL
Elevation of Derrick Floor		39.5 (m)		EDF
Permanent Datum		M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From		D.F	Above Permanent Datum 39.5 (m)	LMF, APD
Drilling Measured From		D.F		DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN				
Job Data				
Date as Month-Day-Year		15-Jul-2008		DATE
Run Number		One		RUN
Total Depth - Driller		3174.0 (m)		TDD
Total Depth - Logger		3172.0 (m)		TDL
Bottom Log Interval		2990.0 (m)		BLI
Top Log Interval		3080.0 (m)		TLI
Current Casing Size		7.63 (in)		CSIZ
Casing Depth From		20.2 (m)		CDF
Casing Depth To		3235.2 (m)		CADT
Casing Grade		L-80		CASG
Casing Weight		26.4 (lbm/ft)		CWEI
Bit Size		9.88 (in)		BS
Date Logger At Bottom		15-Jul-2008	Time Logger At Bottom 8:15	DLAB, TLAB
Logging Unit Number		889	Logging Unit Location Prod4 / Crane	LUN, LUL
Engineer's Name		G Wright.		ENGI
Witness's Name		G Rimmer.		WITN
Service Order Number		Ausl08509127		SON

Service Order Number		AUSI00309127		SON	
Absent Valued Parameters: BSDF, BSDT					
Mud Data					
Drilling Fluid Type	Production Fluids			DFT	
Maximum Recorded Temperature	107.2 (degC)			MRT	
	107.2 (degC)			MRT1	
Date Logger At Bottom	15-Jul-2008		Time Logger At Bottom	8:15	
DLAB, TLAB					
Absent Valued Parameters: DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT2, MRT3, DCS, TCS					
PVT Data					
Absent Valued Parameters: ODEN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR					
Cement Data					
Cement Job Type	Primary				CJT
Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA					
Remarks					
Log correlated to ExxonMobil Solar composite supplied with program.					R1
Maximum well deviation = 60 degrees at 1260m MDKB.					R2
Dual Deft,PLT survey logged from 3080m MDKB to 2990m MDKB.					R3
Static and flowing data recorded.					R4
SBHP @ HUD = psia.					R6
FBHP @ HUD = psia.					R7
SBHT = degf,FBHT = degf.					R8
Crew : Jake Annear & Chris Shiells.					R15
Other Services					
None					OS1

Frame Summary		File: FCS_ILS_DEFT_GMS_031PUP		Sequence: 3		
Origin: 41						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	3118.87	2984.75 m	-60.0 (0.1 in) up	89	TDEP	60B
	10232.50	9792.50 ft				
BOREHOLE-DEPTH	3118.87	2984.93 m	-10.0 (0.1 in) up	4	TDEP;1	10B
	10232.50	9793.08 ft				

File Header		File: FCS_ILS_DEFT_GMS_036PUP		Sequence: 4		
Defining Origin: 41						
File ID: FCS_ILS_DEFT_GMS_036PUP File Type: PLAYBACK						
Producer Name: Schlumberger		Product/Version: OP 15C0-309		File Set: 41	File Number: 31	27-JUL-2008 13:02:08
Company Name:	Esso Australia Pty Ltd.					
Well Name:	A-11b					
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_036PUP		Sequence: 4	
No errors detected in file.					

Well Site Data		File: FCS_ILS_DEFT_GMS_036PUP		Sequence: 4	
Origin: 41					
Well Data					
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A-11b				
Field Name:	Mackerel				
Tool String:	PFCS-A, PILS-A, DEFT-C2, PGMC-A/B, PSPT-A				
Computations:	WELLCAD, SPRI, BORDYN, PLQL				

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-11b	WN
Field Name	Mackerel	FN
Rig :	Prod4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl08509127	SON
Longitude	148 20'34.038852"E	LONG
Latitude	038 28'44.748624"S	LATI
Maximum Hole Deviation	60.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-79.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	M.S.L	PDAT, EPD
Log Measured From	D.F	LMF, APD
Drilling Measured From	D.F	DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN		
Job Data		
Date as Month-Day-Year	15-Jul-2008	DATE
Run Number	One	RUN
Total Depth - Driller	3174.0 (m)	TDD
Total Depth - Logger	3172.0 (m)	TDL
Bottom Log Interval	2990.0 (m)	BLI
Top Log Interval	3080.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	20.2 (m)	CDF
Casing Depth To	3235.2 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.4 (lbm/ft)	CWEI
Bit Size	9.88 (in)	BS
Date Logger At Bottom	15-Jul-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	G Wright.	ENGI
Witness's Name	G Rimmer.	WITN
Service Order Number	Ausl08509127	SON
Absent Valued Parameters: BSDF, BSDT		
Mud Data		
Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	107.2 (degC)	MRT
	107.2 (degC)	MRT1
Date Logger At Bottom	15-Jul-2008	DLAB, TLAB
	Time Logger At Bottom 8:15	
Absent Valued Parameters: DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT2, MRT3, DCS, TCS		
PVT Data		
Absent Valued Parameters: ODEN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR		
Cement Data		
Cement Job Type	Primary	CJT
Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA		
Remarks		
Log correlated to ExxonMobil Solar composite supplied with program.		R1
Maximum well deviation = 60 degrees at 1260m MDKB.		R2
Dual Deft,PLT survey logged from 3080m MDKB to 2990m MDKB.		R3
Static and flowing data recorded.		R4
SBHP @ HUD = psia.		R6
FBHP @ HUD = psia.		R7
SBHT = degf,FBHT = degf.		R8
Crew : Jake Annear & Chris Shiells.		R15
Other Services		
None		OS1

Frame Summary
 File: FCS_ILS_DEFT_GMS_036PUP
 Sequence: 4

Origin: 41

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	3123.13	2967.69 m	-60.0 (0.1 in) up	89	TDEP	60B
	10246.50	9736.50 ft				
BOREHOLE-DEPTH	3123.13	2967.86 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	10246.50	9736.50 ft				

File Header		File: FCS_ILS_DEFT_GMS_033PUP	Sequence: 5
Defining Origin: 41			
File ID: FCS_ILS_DEFT_GMS_033PUP File Type: PLAYBACK			
Producer Name: Schlumberger		Product/Version: OP 15C0-309	File Set: 41
			File Number: 28
			27-JUL-2008 12:53:24
Company Name: Esso Australia Pty Ltd.			
Well Name: A-11b			
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_033PUP	Sequence: 5
No errors detected in file.			

Well Site Data		File: FCS_ILS_DEFT_GMS_033PUP	Sequence: 5
Origin: 41			
Well Data			
Company Name		Esso Australia Pty Ltd.	CN
Well Name		A-11b	WN
Field Name		Mackerel	FN
Rig :		Prod4 / Crane	CLAB, COUN
State:		Victoria	SLAB, STAT
Nation		Australia	NATI
Field Location		Gippsland	FL
		Basin	FL1
		Bass Strait	FL2
Service Order Number		Ausl08509127	SON
Longitude		148 20'34.038852"E	LONG
Latitude		038 28'44.748624"S	LATI
Maximum Hole Deviation		60.0 (deg)	MHD
Elevation of Kelly Bushing		39.5 (m)	EKB
Elevation of Ground Level		-79.0 (m)	EGL
Elevation of Derrick Floor		39.5 (m)	EDF
Permanent Datum		M.S.L	PDAT, EPD
Log Measured From		D.F	LMF, APD
Drilling Measured From		D.F	DMF
		Elevation of Permanent Datum 0.0 (m)	
		Above Permanent Datum 39.5 (m)	
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN			

Job Data			
Date as Month-Day-Year		15-Jul-2008	DATE
Run Number		One	RUN
Total Depth - Driller		3174.0 (m)	TDD
Total Depth - Logger		3172.0 (m)	TDL
Bottom Log Interval		2990.0 (m)	BLI
Top Log Interval		3080.0 (m)	TLI
Current Casing Size		7.63 (in)	CSIZ
Casing Depth From		20.2 (m)	CDF
Casing Depth To		3235.2 (m)	CADT
Casing Grade		L-80	CASG
Casing Weight		26.4 (lbm/ft)	CWEI
Bit Size		9.88 (in)	BS
Date Logger At Bottom		15-Jul-2008	DLAB, TLAB
Logging Unit Number		889	LUN, LUL
Engineer's Name		G Wright.	ENGI
Witness's Name		G Rimmer.	WITN
Service Order Number		Ausl08509127	SON
		Time Logger At Bottom 8:15	
		Logging Unit Location Prod4 / Crane	
Absent Valued Parameters: BSDF, BSDT			

Mud Data			
Drilling Fluid Type		Production Fluids	DFT
Maximum Recorded Temperature		107.2 (degC)	MRT
		107.2 (degC)	MRT1
Date Logger At Bottom		15-Jul-2008	DLAB, TLAB
		Time Logger At Bottom 8:15	

PVT Data

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

Cement Data

Cement Job Type Primary CJT

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

Remarks

Log correlated to ExxonMobil Solar composite supplied with program. R1
Maximum well deviation = 60 degrees at 1260m MDKB. R2
Dual Deft,PLT survey logged from 3080m MDKB to 2990m MDKB. R3
Static and flowing data recorded. R4
SBHP @ HUD = psia. R6
FBHP @ HUD = psia. R7
SBHT = degf,FBHT = degf. R8
Crew : Jake Annear & Chris Shiells. R15

Other Services

None OS1

Frame Summary File: FCS_ILS_DEFT_GMS_033PUP Sequence: 5

Origin: 41						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	3105.76	2957.47 m	-60.0 (0.1 in) up	89	TDEP	60B
	10189.50	9703.00 ft				
BOREHOLE-DEPTH	3105.76	2957.65 m	-10.0 (0.1 in) up	4	TDEP,1	10B
	10189.50	9703.58 ft				

File Header File: FCS_ILS_DEFT_GMS_035PUP Sequence: 6

Defining Origin: 41

File ID: FCS_ILS_DEFT_GMS_035PUP File Type: PLAYBACK
Producer Name: Schlumberger Product/Version: OP 15C0-309 File Set: 41 File Number: 30 27-JUL-2008 12:58:30
Company Name: Esso Australia Pty Ltd.
Well Name: A-11b
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_035PUP Sequence: 6

No errors detected in file.

Well Site Data File: FCS_ILS_DEFT_GMS_035PUP Sequence: 6

Origin: 41

Well Data

Company Name Esso Australia Pty Ltd. CN
Well Name A-11b WN
Field Name Mackerel FN
Rig : Prod4 / Crane CLAB, COUN
State: Victoria SLAB, STAT
Nation Australia NATI
Field Location Gippsland FL
Basin FL1
Bass Strait FL2
Service Order Number Ausl08509127 SON
Longitude 148 20'34.038852"E LONG
Latitude 038 28'44.748624"S LATI
Maximum Hole Deviation 60.0 (deg) MHD

Error Summary	File: FCS_ILS_DEFT_GMS_038PUP	Sequence: 7
No errors detected in file.		

Well Site Data	File: FCS_ILS_DEFT_GMS_038PUP	Sequence: 7
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Origin: 41		
Well Data		
Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-11b	WN
Field Name	Mackerel	FN
Rig :	Prod4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl08509127	SON
Longitude	148 20'34.038852"E	LONG
Latitude	038 28'44.748624"S	LATI
Maximum Hole Deviation	60.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-79.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	M.S.L	PDAT, EPD
Log Measured From	D.F	LMF, APD
Drilling Measured From	D.F	DMF
Elevation of Permanent Datum 0.0 (m)		
Above Permanent Datum 39.5 (m)		
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN		

Job Data		
Date as Month-Day-Year	15-Jul-2008	DATE
Run Number	One	RUN
Total Depth - Driller	3174.0 (m)	TDD
Total Depth - Logger	3172.0 (m)	TDL
Bottom Log Interval	2990.0 (m)	BLI
Top Log Interval	3080.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	20.2 (m)	CDF
Casing Depth To	3235.2 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.4 (lbm/ft)	CWEI
Bit Size	9.88 (in)	BS
Date Logger At Bottom	15-Jul-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	G Wright.	ENGI
Witness's Name	G Rimmer.	WITN
Service Order Number	Ausl08509127	SON
Time Logger At Bottom 8:15		
Logging Unit Location Prod4 / Crane		
Absent Valued Parameters: BSDF, BSDT		

Mud Data		
Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	107.2 (degC)	MRT
	107.2 (degC)	MRT1
Date Logger At Bottom	15-Jul-2008	DLAB, TLAB
Time Logger At Bottom 8:15		
Absent Valued Parameters: DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT2, MRT3, DCS, TCS		

PVT Data		
Absent Valued Parameters: ODEN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR		

Cement Data		
Cement Job Type	Primary	CJT
Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA		

Remarks		
Log correlated to ExxonMobil Solar composite supplied with program.		R1
Maximum well deviation = 60 degrees at 1260m MDKB.		R2

Dual Deft,PLT survey logged from 3080m MDKB to 2990m MDKB.	R3
Static and flowing data recorded.	R4
SBHP @ HUD = psia.	R6
FBHP @ HUD = psia.	R7
SBHT = degf,FBHT = degf.	R8
Crew : Jake Annear & Chris Shiells.	R15
Other Services	
None	OS1

Frame Summary		File: FCS_ILS_DEFT_GMS_038PUP		Sequence: 7		
Origin: 41						
<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	3123.29	2966.01 m	-60.0 (0.1 in) up	89	TDEP	60B
	10247.00	9731.00 ft				
BOREHOLE-DEPTH	3123.29	2966.19 m	-10.0 (0.1 in) up	4	TDEP;1	10B
	10247.00	9731.58 ft				

File Header	File: FCS_ILS_DEFT_GMS_039PUP	Sequence: 8			
Defining Origin: 41					
File ID: FCS_ILS_DEFT_GMS_039PUP File Type: PLAYBACK					
Producer Name: Schlumberger		Product/Version: OP 15C0-309	File Set: 41	File Number: 34	27-JUL-2008 13:12:06
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A-11b				
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_039PUP	Sequence: 8
No errors detected in file.		

Well Site Data	File: FCS_ILS_DEFT_GMS_039PUP	Sequence: 8
Origin: 41		
Well Data		
Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-11b	WN
Field Name	Mackerel	FN
Rig :	Prod4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl08509127	SON
Longitude	148 20'34.038852"E	LONG
Latitude	038 28'44.748624"S	LATI
Maximum Hole Deviation	60.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-79.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	M.S.L	PDAT, EPD
Log Measured From	D.F	LMF, APD
Drilling Measured From	D.F	DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN		

Job Data		
Date as Month-Day-Year	15-Jul-2008	DATE
Run Number	One	RUN
Total Depth	3174.0 (m)	TDD

Total Depth – Driller	3174.0 (m)			TDL
Total Depth – Logger	3172.0 (m)			BLI
Bottom Log Interval	2990.0 (m)			TLI
Top Log Interval	3080.0 (m)			CSIZ
Current Casing Size	7.63 (in)			CDF
Casing Depth From	20.2 (m)			CADT
Casing Depth To	3235.2 (m)			CASG
Casing Grade	L–80			CWEI
Casing Weight	26.4 (lbm/ft)			BS
Bit Size	9.88 (in)			DLAB, TLAB
Date Logger At Bottom	15–Jul–2008	Time Logger At Bottom	8:15	LUN, LUL
Logging Unit Number	889	Logging Unit Location	Prod4 / Crane	ENGI
Engineer's Name	G Wright.			WITN
Witness's Name	G Rimmer.			SON
Service Order Number	Ausl08509127			

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	107.2 (degC)			MRT
	107.2 (degC)			MRT1
Date Logger At Bottom	15–Jul–2008	Time Logger At Bottom	8:15	DLAB, TLAB

Absent Valued Parameters: DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT2, MRT3, DCS, TCS

PVT Data

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

Cement Data

Cement Job Type	Primary			CJT
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Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA

Remarks

Log correlated to ExxonMobil Solar composite supplied with program.	R1
Maximum well deviation = 60 degrees at 1260m MDKB.	R2
Dual Deft,PLT survey logged from 3080m MDKB to 2990m MDKB.	R3
Static and flowing data recorded.	R4
SBHP @ HUD = psia.	R6
FBHP @ HUD = psia.	R7
SBHT = degf,FBHT = degf.	R8
Crew : Jake Annear & Chris Shiells.	R15

Other Services

None	OS1
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Frame Summary File: FCS_ILS_DEFT_GMS_039PUP Sequence: 8						
Origin: 41						
<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	3125.11	2975.91 m	–60.0 (0.1 in) up	89	TDEP	60B
	10253.00	9763.50 ft				
BOREHOLE–DEPTH	3125.11	2976.09 m	–10.0 (0.1 in) up	7	TDEP,1	10B
	10253.00	9764.08 ft				

File Header File: FCS_ILS_DEFT_GMS_041PUP Sequence: 9				
Defining Origin: 41				
File ID: FCS_ILS_DEFT_GMS_041PUP File Type: PLAYBACK				
Producer Name: Schlumberger		Product/Version: OP 15C0–309	File Set: 41	File Number: 36 27–JUL–2008 13:14:19
Company Name: Esso Australia Pty Ltd.				
Well Name: A–11b				
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_041PUP Sequence: 9		
No errors detected in file.		

Origin: 41

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-11b	WN
Field Name	Mackerel	FN
Rig :	Prod4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl08509127	SON
Longitude	148 20'34.038852"E	LONG
Latitude	038 28'44.748624"S	LATI
Maximum Hole Deviation	60.0 (deg)	MHD
Elevation of Kelly Bushing	39.5 (m)	EKB
Elevation of Ground Level	-79.0 (m)	EGL
Elevation of Derrick Floor	39.5 (m)	EDF
Permanent Datum	M.S.L	PDAT, EPD
Log Measured From	D.F	LMF, APD
Drilling Measured From	D.F	DMF
	Elevation of Permanent Datum 0.0 (m)	
	Above Permanent Datum 39.5 (m)	

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

Job Data

Date as Month-Day-Year	15-Jul-2008	DATE
Run Number	One	RUN
Total Depth - Driller	3174.0 (m)	TDD
Total Depth - Logger	3172.0 (m)	TDL
Bottom Log Interval	2990.0 (m)	BLI
Top Log Interval	3080.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	20.2 (m)	CDF
Casing Depth To	3235.2 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.4 (lbm/ft)	CWEI
Bit Size	9.88 (in)	BS
Date Logger At Bottom	15-Jul-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	G Wright.	ENGI
Witness's Name	G Rimmer.	WITN
Service Order Number	Ausl08509127	SON
	Time Logger At Bottom 8:15	
	Logging Unit Location Prod4 / Crane	

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	107.2 (degC)	MRT
	107.2 (degC)	MRT1
Date Logger At Bottom	15-Jul-2008	DLAB, TLAB
	Time Logger At Bottom 8:15	

Absent Valued Parameters: DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT2, MRT3, DCS, TCS

PVT Data

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

Cement Data

Cement Job Type	Primary	CJT
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Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA

Remarks

Log correlated to ExxonMobil Solar composite supplied with program.	R1
Maximum well deviation = 60 degrees at 1260m MDKB.	R2
Dual Deft,PLT survey logged from 3080m MDKB to 2990m MDKB.	R3
Static and flowing data recorded.	R4
SBHP @ HUD = psia.	R6
FBHP @ HUD = psia.	R7
SBHT = degf,FBHT = degf.	R8
Crew : Jake Annear & Chris Shiells.	R15

Other Services

None	OS1
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Frame Summary

File: FCS_ILS_DEFT_GMS_041PUP

Sequence: 9

Origin: 41						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	3138.37	2974.39 m	-60.0 (0.1 in) up	89	TDEP	60B
	10296.50	9758.50 ft				
BOREHOLE-DEPTH	3138.37	2974.57 m	-10.0 (0.1 in) up	4	TDEP;1	10B
	10296.50	9759.08 ft				

File Header

File: FCS_ILS_DEFT_GMS_042PUP

Sequence: 10

Defining Origin: 41					
File ID: FCS_ILS_DEFT_GMS_042PUP File Type: PLAYBACK					
Producer Name: Schlumberger		Product/Version: OP 15C0-309	File Set: 41	File Number: 37	27-JUL-2008 13:15:38
Company Name: Esso Australia Pty Ltd.					
Well Name: A-11b					
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_042PUP

Sequence: 10

No errors detected in file.

Well Site Data

File: FCS_ILS_DEFT_GMS_042PUP

Sequence: 10

Origin: 41			
Well Data			
Company Name	Esso Australia Pty Ltd.		CN
Well Name	A-11b		WN
Field Name	Mackerel		FN
Rig :	Prod4 / Crane		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Service Order Number	Ausl08509127		SON
Longitude	148 20'34.038852"E		LONG
Latitude	038 28'44.748624"S		LATI
Maximum Hole Deviation	60.0 (deg)		MHD
Elevation of Kelly Bushing	39.5 (m)		EKB
Elevation of Ground Level	-79.0 (m)		EGL
Elevation of Derrick Floor	39.5 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum 39.5 (m)	LMF, APD
Drilling Measured From	D.F		DMF

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

Job Data			
Date as Month-Day-Year	15-Jul-2008		DATE
Run Number	One		RUN
Total Depth - Driller	3174.0 (m)		TDD
Total Depth - Logger	3172.0 (m)		TDL
Bottom Log Interval	2990.0 (m)		BLI
Top Log Interval	3080.0 (m)		TLI
Current Casing Size	7.63 (in)		CSIZ
Casing Depth From	20.2 (m)		CDF
Casing Depth To	3235.2 (m)		CADT
Casing Grade	L-80		CASG
Casing Weight	26.4 (lbm/ft)		CWEI
Bit Size	9.88 (in)		BS
Date Logger At Bottom	15-Jul-2008	Time Logger At Bottom 8:15	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location Prod4 / Crane	LUN, LUL
Engineer's Name	G. Wright		ENGI

Engineer's Name
Witness's Name
Service Order Number

C Wright
G Rimmer.
Ausl08509127

ENCR
WITN
SON

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	107.2 (degC)	MRT
	107.2 (degC)	MRT1
Date Logger At Bottom	15-Jul-2008	Time Logger At Bottom 8:15
		DLAB, TLAB

Absent Valued Parameters: DFD, 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 supplied with program.	R1
Maximum well deviation = 60 degrees at 1260m MDKB.	R2
Dual Deft,PLT survey logged from 3080m MDKB to 2990m MDKB.	R3
Static and flowing data recorded.	R4
SBHP @ HUD = psia.	R6
FBHP @ HUD = psia.	R7
SBHT = degf,FBHT = degf.	R8
Crew : Jake Annear & Chris Shiells.	R15

Other Services

None	OS1
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Frame Summary File: **FCS_ILS_DEFT_GMS_042PUP** Sequence: **10**

Origin: 41

<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	3140.05	2979.42 m	-60.0 (0.1 in) up	89	TDEP	60B
	10302.00	9775.00 ft				
BOREHOLE-DEPTH	3140.05	2979.60 m	-10.0 (0.1 in) up	7	TDEP,1	10B
	10302.00	9775.58 ft				



Verification Listing

Listing Completed: 29-JUL-2008 16:06:26