

**Input Source:** D:\OP\_Folder\Clients\Eso2008\KFB-8\PFCS\COMP\_KFB\_B8\_PLT\_COMP\_125.DLIS  
**Format:** DLIS  
**Storage Set ID:** Default Storage Set

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

**File Header** File: **FCS\_ILS\_DEFT\_GMS\_102PUP** Sequence: 1

**Defining Origin: 6**

File ID: FCS\_ILS\_DEFT\_GMS\_102PUP File Type: PLAYBACK  
Producer Name: Schlumberger Product/Version: OP 15C0-309 File Set: 41 File Number: 2 6-JUN-2008 10:48:04  
Company Name: Esso Australia Pty Ltd.  
Well Name: B-8  
Field Name: Kingfish B  
Tool String: PFCS-A, PILS-A, DEFT-C2, PGM-C-A, PSPT  
Computations: WELLCAD, SPRI, BORDYN, PLQL

**Error Summary** File: **FCS\_ILS\_DEFT\_GMS\_102PUP** Sequence: 1

No errors detected in file.

**Well Site Data** File: **FCS\_ILS\_DEFT\_GMS\_102PUP** Sequence: 1

**Origin: 6**

**Well Data**

Company Name	Esso Australia Pty Ltd.	CN
Well Name	B-8	WN
Field Name	Kingfish B	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	AUSL08356985	SON
Longitude	148 11'11.96"E	LONG
Latitude	038 35'54.36"S	LATI
Maximum Hole Deviation	49.0 (deg)	MHD
Elevation of Kelly Bushing	28.3 (m)	EKB
Elevation of Ground Level	-78.0 (m)	EGL
Elevation of Derrick Floor	28.3 (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 28.3 (m)	

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

**Job Data**

Date as Month-Day-Year	6-Jun-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2907.0 (m)	TDD
Total Depth - Logger	2905.0 (m)	TDL
Bottom Log Interval	2907.0 (m)	BLI
Top Log Interval	2850.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	11.7 (m)	CDF
Casing Depth To	2919.2 (m)	CADT
Casing Grade	N-80	CASG
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.75 (in)	BS
Date Logger At Bottom	6-Jun-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert	ENGI
Witness's Name	S Gilbert	WITN
Service Order Number	AUSL08356985	SON
	Time Logger At Bottom 8:15	
	Logging Unit Location Prod4 / Crane	

Absent Valued Parameters: BSDF, BSDT

**Mud Data**

Frame Summary						
File: FCS_ILS_DEFT_GMS_102PUP Sequence: 1						
<b>Origin: 6</b>						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2916.78	2864.97 m	-60.0 (0.1 in) up	89	TDEP	60B
	9569.50	9399.50 ft				
BOREHOLE-DEPTH	2916.78	2864.99 m	-10.0 (0.1 in) up	4	TDEP;1	10B
	9569.50	9399.58 ft				

File Header		File: FCS_ILS_DEFT_GMS_103PUP		Sequence: 2	
Defining Origin: 6					
File ID: FCS_ILS_DEFT_GMS_103PUP   File Type: PLAYBACK					
Producer Name: Schlumberger		Product/Version: OP 15C0-309		File Set: 41	File Number: 3
6-JUN-2008 11:07:00					
Company Name:		Esso Australia Pty Ltd.			
Well Name:		B-8			
Field Name:		Kingfish B			
Tool String:		PFCS-A, PILS-A, DEFT-C2, PGMC-A, PSPT			
Computations:		WELLCAD, SPRI, BORDYN, PLQL			

<b>Error Summary</b>		File: <b>FCS_ILS_DEFT_GMS_103PUP</b>	Sequence: <b>2</b>
No errors detected in file.			

Well Site Data

File: FCS\_ILS\_DEFT\_GMS\_103PUP

Sequence: 2

Origin: 6

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	B-8	WN
Field Name	Kingfish B	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	AUSL08356985	SON
Longitude	148 11'11.96"E	LONG
Latitude	038 35'54.36"S	LATI
Maximum Hole Deviation	49.0 (deg)	MHD
Elevation of Kelly Bushing	28.3 (m)	EKB
Elevation of Ground Level	-78.0 (m)	EGL
Elevation of Derrick Floor	28.3 (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	6-Jun-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2907.0 (m)	TDD
Total Depth - Logger	2905.0 (m)	TDL
Bottom Log Interval	2907.0 (m)	BLI
Top Log Interval	2850.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	11.7 (m)	CDF
Casing Depth To	2919.2 (m)	CADT
Casing Grade	N-80	CASG
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.75 (in)	BS
Date Logger At Bottom	6-Jun-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert	ENGI
Witness's Name	S Gilbert	WITN
Service Order Number	AUSL08356985	SON

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	107.2 (degC)	MRT

Date Logger At Bottom

Time Logger At Bottom

8:15

107.2 (degC)

6-Jun-2008

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 = 49 degrees at 1290m MDKB.

Objective: Complete a Static & Flowing PLT/ Dual DEFT Spinner survey over the interval HUD(2907m MDKB) to 2870m MDKB

Making 6 Passes (3 up – 3 down ) as per Exxon Production logging Protocall

HUD:

SBHT: ---- degf SBHP: ---- psia 2890m MDKB stop de

FBHT: ---- degf FBHP: ---- psia 2890m MDKB Stop De

Sticky wellbore during static passes tension up&down 300lbs

Flowing Details:

THP:

THT:

PAP:

Gas lift Rate:

accurate surface flow rate's are N/A due to no test separator.

Schlumberger Crew: Jake Annear , Chris Shiells

R1

R2

R3

R4

R5

R6

R7

R8

R10

R11

R12

R13

R14

R16

R17

Other Services

None

OS1

Channels

File: FCS\_ILS\_DEFT\_GMS\_103PUP

Sequence: 2

Origin: 6

PFCS–A: PSP Flow and caliper Tool

Spacing: –6.0 in

Number of Channels: 22

D1RB DFB1 DFB2 DFB3 DFB4 DFBM DFCHM DFH1 DFH2 DFH3 DFH4 DFHM DFRB DP1S

DP2S DP3S DP4S FBM FHM PFC1 PFC2 RB\_PFCS

DEFT–C2: DEFT\_C Tool

Spacing: –6.0 in

Number of Channels: 22

D1RB2 DDFBM DDFHM DFB5 DFB6 DFB7 DFB8 DFBM2 DFH5 DFH6 DFH7 DFH8 DFHM2 DFRB2

DP5S DP6S DP7S DP8S FBM2 FHM2 PFC12 RPFCX2

PGMC–A: PSP Gradiomanometer Measurement Module

Spacing: –6.0 in

Number of Channels: 9

GPCO GPOP GPPE GTCO GTEP GTOP GTPE UWFD WFDE

PSPT–B: Production Services Logging Platform

Spacing: –6.0 in

Number of Channels: 16

GR MTEP MWFD MWFD\_ROC QGCP QGKF QGKTF QGPF QGTF RGR WPRE WPRE\_TOD7 WTEP

WTGR WTGR\_ROC WTPE

Spacing: –1.0 in

Number of Channels: 2

CCLC CCLD

System and Miscellaneous

Spacing: –6.0 in

Number of Channels: 20

BHPR BS CS CVEL ETIM GTEM RCV1 RCVL RSP1 RSPI SCV1 SCVL SPI1 SPIN

TDEP TENS TIME TOD7\_DL TOJ\_DL WPRE\_TOJ

Spacing: –1.0 in

Number of Channels: 5

IDWD SCD SCDV TDEP;1 TIME;1

Frame Summary

File: FCS\_ILS\_DEFT\_GMS\_103PUP

Sequence: 2

Frame Summary

File: FCS\_ILS\_DEFT\_GMS\_103PUP

Sequence: 2

Origin: 6

<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	2922.27	2852.47 m	-60.0 (0.1 in) up	89	TDEP	60B
	9587.50	9358.50 ft				
BOREHOLE-DEPTH	2922.27	2852.50 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	9587.50	9358.58 ft				

<b>File Header</b>		File: <b>FCS_ILS_DEFT_GMS_104PUP</b>	Sequence: <b>3</b>	
<b>Defining Origin: 6</b>				
File ID: FCS_ILS_DEFT_GMS_104PUP    File Type: PLAYBACK				
Producer Name: Schlumberger		Product/Version: OP 15C0-309	File Set: 41	File Number: 4      6-JUN-2008 11:08:32
Company Name:	Esso Australia Pty Ltd.			
Well Name:	B-8			
Field Name:	Kingfish B			
Tool String:	PFCS-A, PILS-A, DEFT-C2, PGMC-A, PSPT			
Computations:	WELLCAD, SPRI, BORDYN, PLQL			

<b>Error Summary</b>	File: <b>FCS_ILS_DEFT_GMS_104PUP</b>	Sequence: <b>3</b>
No errors detected in file.		

Well Site Data		File: FCS_ILS_DEFT_GMS_104PUP	Sequence: 3
Origin: 6			
Well Data			
Company Name	Esso Australia Pty Ltd.		CN
Well Name	B-8		WN
Field Name	Kingfish B		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	AUSL08356985		SON
Longitude	148 11'11.96"E		LONG
Latitude	038 35'54.36"S		LATI
Maximum Hole Deviation	49.0 (deg)		MHD
Elevation of Kelly Bushing	28.3 (m)		EKB
Elevation of Ground Level	-78.0 (m)		EGL
Elevation of Derrick Floor	28.3 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum 28.3 (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	6-Jun-2008		DATE
Run Number	One		RUN
Total Depth - Driller	2907.0 (m)		TDD
Total Depth - Logger	2905.0 (m)		TDL
Bottom Log Interval	2907.0 (m)		BLI
Top Log Interval	2850.0 (m)		TLI
Current Casing Size	7.63 (in)		CSIZ
Casing Depth From	11.7 (m)		CDF
Casing Depth To	2919.2 (m)		CADT
Casing Grade	N-80		CASG
Casing Weight	29.7 (lbm/ft)		CWEI
Bit Size	9.75 (in)		BS
Date Logger At Bottom	6-Jun-2008	Time Logger At Bottom 8:15	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location Prod4 / Crane	LUN, LUL
Engineer's Name	S Gilbert		ENGI
Witness's Name	S Gilbert		WITN
Service Order Number	AUSL08356985		SON
Absent Valued Parameters: BSDF, BSDT			
Mud Data			
Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	107.2 (degC)		MRT

Maximum Recorded Temperature107.2 (degC)  
Date Logger At Bottom6-Jun-2008

Time Logger At Bottom8:15

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 TypePrimaryCJT

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 = 49 degrees at 1290m MDKB.

Objective: Complete a Static & Flowing PLT/ Dual DEFT Spinner survey over the interval HUD(2907m MDKB) to 2870m MDKB

Making 6 Passes (3 up – 3 down ) as per Exxon Production logging Protocall

HUD:

SBHT: ---- degf SBHP: ---- psia 2890m MDKB stop de

FBHT: ---- degf FBHP: ---- psia 2890m MDKB Stop De

Sticky wellbore during static passes tension up&down 300lbs

Flowing Details:

THP:

THT:

PAP:

Gas lift Rate:

accurate surface flow rate's are N/A due to no test separator.

Schlumberger Crew: Jake Annear , Chris Shiells

R1

R2

R3

R4

R5

R6

R7

R8

R10

R11

R12

R13

R14

R16

R17

Other Services

NoneOS1

Channels

File: FCS\_ILS\_DEFT\_GMS\_104PUP

Sequence: 3

Origin: 6

PFCS–A: PSP Flow and caliper Tool

Spacing: –6.0 in

Number of Channels: 22

D1RB DFB1 DFB2 DFB3 DFB4 DFBM DFCHM DFH1 DFH2 DFH3 DFH4 DFHM DFRB DP1S

DP2S DP3S DP4S FBM FHM PFC1 PFC2 RB\_PFCS

DEFT–C2: DEFT\_C Tool

Spacing: –6.0 in

Number of Channels: 22

D1RB2 DDFBM DDFHM DFB5 DFB6 DFB7 DFB8 DFBM2 DFH5 DFH6 DFH7 DFH8 DFHM2 DFRB2

DP5S DP6S DP7S DP8S FBM2 FHM2 PFC12 RPFCS2

PGMC–A: PSP Gradiomanometer Measurement Module

Spacing: –6.0 in

Number of Channels: 9

GPCO GPOP GPPE GTCO GTEP GTOP GTPE UWFD WFDE

PSPT–B: Production Services Logging Platform

Spacing: –6.0 in

Number of Channels: 16

GR MTEP MWFD MWFD\_ROC QGCP QGKF QGKTF QGPF QGTF RGR WPRE WPRE\_TOD7 WTEP

WTGR WTGR\_ROC WTPE

Spacing: –1.0 in

Number of Channels: 2

CCLC CCLD

System and Miscellaneous

Spacing: –6.0 in

Number of Channels: 20

BHPR BS CS CVEL ETIM GTEM RCV1 RCVL RSP1 RSPI SCV1 SCVL SPI1 SPIN

TDEP TENS TIME TOD7\_DL TOJ\_DL WPRE\_TOJ

Spacing: –1.0 in

Number of Channels: 2

TDEP;1 TIME;1

Frame Summary

File: FCS\_ILS\_DEFT\_GMS\_104PUP

Sequence: 3

Origin: 6

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE–DEPTH	2915.87	2850.34 m	–60.0 (0.1 in) up	89	TDEP	60B
	9566.50	9351.50 ft				
BOREHOLE–DEPTH	2915.87	2850.36 m	–10.0 (0.1 in) up	4	TDEP;1	10B
	9566.50	9351.58 ft				

File Header

File: FCS\_ILS\_DEFT\_GMS\_105PUP

Sequence: 4

Defining Origin: 6

File ID: FCS_ILS_DEFT_GMS_105PUP	File Type: PLAYBACK			
Producer Name: Schlumberger	Product/Version: OP 15C0-309	File Set: 41	File Number: 5	6-JUN-2008 11:09:40
Company Name:	Esso Australia Pty Ltd.			
Well Name:	B-8			
Field Name:	Kingfish B			
Tool String:	PFCS-A, PILS-A, DEFT-C2, PGMC-A, PSPT			
Computations:	WELLCAD, SPRI, BORDYN, PLQL			

Error Summary      File: FCS\_ILS\_DEFT\_GMS\_105PUP      Sequence: 4

No errors detected in file.

Well Site Data      File: FCS\_ILS\_DEFT\_GMS\_105PUP      Sequence: 4

Origin: 6

Well Data

Company Name	Esso Australia Pty Ltd.		CN
Well Name	B-8		WN
Field Name	Kingfish B		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	AUSL08356985		SON
Longitude	148 11'11.96"E		LONG
Latitude	038 35'54.36"S		LATI
Maximum Hole Deviation	49.0 (deg)		MHD
Elevation of Kelly Bushing	28.3 (m)		EKB
Elevation of Ground Level	-78.0 (m)		EGL
Elevation of Derrick Floor	28.3 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum 28.3 (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	6-Jun-2008		DATE
Run Number	One		RUN
Total Depth - Driller	2907.0 (m)		TDD
Total Depth - Logger	2905.0 (m)		TDL
Bottom Log Interval	2907.0 (m)		BLI
Top Log Interval	2850.0 (m)		TLI
Current Casing Size	7.63 (in)		CSIZ
Casing Depth From	11.7 (m)		CDF
Casing Depth To	2919.2 (m)		CADT
Casing Grade	N-80		CASG
Casing Weight	29.7 (lbm/ft)		CWEI
Bit Size	9.75 (in)		BS
Date Logger At Bottom	6-Jun-2008	Time Logger At Bottom 8:15	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location Prod4 / Crane	LUN, LUL
Engineer's Name	S Gilbert		ENGI
Witness's Name	S Gilbert		WITN
Service Order Number	AUSL08356985		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	6-Jun-2008	Time Logger At Bottom 8:15	DLAB, TLAB

PVT Data

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

Cement Data

Cement Job Type Primary CJT

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

Remarks

Log correlated to ExxonMobil Solar composite supplied with program. R1  
Maximum well deviation = 49 degrees at 1290m MDKB. R2  
Objective: Complete a Static & Flowing PLT/ Dual DEFT Spinner survey over the interval HUD(2907m MDKB) to 2870m MDKB R3  
Making 6 Passes (3 up – 3 down ) as per Exxon Production logging Protocall R4  
HUD: R5  
SBHT: ---- degf SBHP: ---- psia 2890m MDKB stop de| R6  
FBHT: ---- degf FBHP: ---- psia 2890m MDKB Stop De R7  
Sticky wellbore during statice passes tension up&down 300lbs R8  
Flowing Details: R10  
THP: R11  
THT: R12  
PAP: R13  
Gas lift Rate: R14  
accurate surface flow rate's are N/A due to no test separator. R16  
Schlumberger Crew: Jake Annear , Chris Shiells R17

Other Services

None OS1

Channels File: FCS\_ILS\_DEFT\_GMS\_105PUP Sequence: 4

Origin: 6

PFCS–A: PSP Flow and caliper Tool

Spacing: –6.0 in Number of Channels: 22  
D1RB DFB1 DFB2 DFB3 DFB4 DFBM DFCHM DFH1 DFH2 DFH3 DFH4 DFHM DFRB DP1S  
DP2S DP3S DP4S FBM FHM PFC1 PFC2 RB\_PFC5

DEFT–C2: DEFT\_C Tool

Spacing: –6.0 in Number of Channels: 22  
D1RB2 DDFBM DDFHM DFB5 DFB6 DFB7 DFB8 DFBM2 DFH5 DFH6 DFH7 DFH8 DFHM2 DFRB2  
DP5S DP6S DP7S DP8S FBM2 FHM2 PFC12 RPFCX2

PGMC–A: PSP Gradiomanometer Measurement Module

Spacing: –6.0 in Number of Channels: 9  
GPCO GPOP GPPE GTCO GTEP GTOP GTPE UWFD WFDE

PSPT–B: Production Services Logging Platform

Spacing: –6.0 in Number of Channels: 16  
GR MTEP MWFD MWFD\_ROC QGCP QGKF QGKTF QGPF QGTF RGR WPRE WPRE\_TOD7 WTEP  
WTGR WTGR\_ROC WTPE

Spacing: –1.0 in Number of Channels: 2  
CCLC CCLD

System and Miscellaneous

Spacing: –6.0 in Number of Channels: 20  
BHPR BS CS CVEL ETIM GTEM RCV1 RCVL RSP1 RSPI SCV1 SCVL SPI1 SPIN  
TDEP TENS TIME TOD7\_DL TOJ\_DL WPRE\_TOJ  
Spacing: –1.0 in Number of Channels: 5  
IDWD SCD SCDV TDEP;1 TIME;1



Origin: 6						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2920.90	2850.03 m	-60.0 (0.1 in) up	89	TDEP	60B
	9583.00	9350.50 ft				
BOREHOLE-DEPTH	2920.90	2850.06 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	9583.00	9350.58 ft				

File Header	File: FCS_ILS_DEFT_GMS_106PUP	Sequence: 5
-------------	-------------------------------	-------------

Defining Origin: 6						
File ID: FCS_ILS_DEFT_GMS_106PUP File Type: PLAYBACK						
Producer Name: Schlumberger		Product/Version: OP 15C0-309	File Set: 41	File Number: 6	6-JUN-2008 11:11:03	
Company Name:	Esso Australia Pty Ltd.					
Well Name:	B-8					
Field Name:	Kingfish B					
Tool String:	PFCS-A, PILS-A, DEFT-C2, PGMC-A, PSPT					
Computations:	WELLCAD, SPRI, BORDYN, PLQL					

Error Summary	File: FCS_ILS_DEFT_GMS_106PUP	Sequence: 5
---------------	-------------------------------	-------------

No errors detected in file.						
-----------------------------	--	--	--	--	--	--

Well Site Data	File: FCS_ILS_DEFT_GMS_106PUP	Sequence: 5
----------------	-------------------------------	-------------

Origin: 6						
Well Data						
Company Name	Esso Australia Pty Ltd.					CN
Well Name	B-8					WN
Field Name	Kingfish B					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	AUSL08356985					SON
Longitude	148 11'11.96"E					LONG
Latitude	038 35'54.36"S					LATI
Maximum Hole Deviation	49.0 (deg)					MHD
Elevation of Kelly Bushing	28.3 (m)					EKB
Elevation of Ground Level	-78.0 (m)					EGL
Elevation of Derrick Floor	28.3 (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	6-Jun-2008					DATE
Run Number	One					RUN
Total Depth - Driller	2907.0 (m)					TDD
Total Depth - Logger	2905.0 (m)					TDL
Bottom Log Interval	2907.0 (m)					BLI
Top Log Interval	2850.0 (m)					TLI
Current Casing Size	7.63 (in)					CSIZ
Casing Depth From	11.7 (m)					CDF
Casing Depth To	2919.2 (m)					CADT
Casing Grade	N-80					CASG
Casing Weight	29.7 (lbm/ft)					CWEI
Bit Size	9.75 (in)					BS
Date Logger At Bottom	6-Jun-2008					DLAB, TLAB
Logging Unit Number	889					LUN, LUL
Engineer's Name	S Gilbert					ENGI
Witness's Name	S Gilbert					WITN
Service Order Number	AUSL08356985					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

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 TypePrimaryCJT

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 = 49 degrees at 1290m MDKB. R2  
Objective: Complete a Static & Flowing PLT/ Dual DEFT Spinner survey over the interval HUD(2907m MDKB) to 2870m MDKB R3  
Making 6 Passes (3 up – 3 down ) as per Exxon Production logging Protocall R4  
HUD: R5  
SBHT: ---- degf SBHP: ---- psia 2890m MDKB stop de R6  
FBHT: ---- degf FBHP: ---- psia 2890m MDKB Stop De R7  
Sticky wellbore during static passes tension up&down 300lbs R8  
Flowing Details: R10  
THP: R11  
THT: R12  
PAP: R13  
Gas lift Rate: R14  
accurate surface flow rate's are N/A due to no test separator. R16  
Schlumberger Crew: Jake Annear , Chris Shiells R17

Other Services

NoneOS1

Channels

File: FCS\_ILS\_DEFT\_GMS\_106PUPSequence: 5

Origin: 6

PFCS–A: PSP Flow and caliper Tool

Spacing: –6.0 inNumber of Channels: 22  
D1RB DFB1 DFB2 DFB3 DFB4 DFBM DFCHM DFH1 DFH2 DFH3 DFH4 DFHM DFRB DP1S  
DP2S DP3S DP4S FBM FHM PFC1 PFC2 RB\_PFCs

DEFT–C2: DEFT\_C Tool

Spacing: –6.0 inNumber of Channels: 22  
D1RB2 DDFBM DDFHM DFB5 DFB6 DFB7 DFB8 DFBM2 DFH5 DFH6 DFH7 DFH8 DFHM2 DFRB2  
DP5S DP6S DP7S DP8S FBM2 FHM2 PFC12 RPFcx2

PGMC–A: PSP Gradiomanometer Measurement Module

Spacing: –6.0 inNumber of Channels: 9  
GPCO GPOP GPPE GTCO GTEP GTOP GTPE UWFD WFDE

PSPT–B: Production Services Logging Platform

Spacing: –6.0 inNumber of Channels: 16  
GR MTEP MWFD MWFD\_ROC QGCP QGKF QGKTF QGPF QGTF RGR WPRE WPRE\_TOD7 WTEP  
WTGR WTGR\_ROC WTPE

Spacing: –1.0 inNumber of Channels: 2  
CCLC CCLD

System and Miscellaneous

Spacing: –6.0 inNumber of Channels: 20  
BHPR BS CS CVEL ETIM GTEM RCV1 RCVL RSP1 RSPI SCV1 SCVL SPI1 SPIN  
TDEP TENS TIME TOD7\_DL TOJ\_DL WPRE\_TOJ

Spacing: –1.0 inNumber of Channels: 2  
TDEP;1 TIME;1

Frame Summary

File: FCS\_ILS\_DEFT\_GMS\_106PUPSequence: 5

Origin: 6

<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	2909.93	2845.46 m	–60.0 (0.1 in) up	89	TDEP	60B
	9547.00	9335.50 ft				
BOREHOLE–DEPTH	2909.93	2845.49 m	–10.0 (0.1 in) up	4	TDEP;1	10B
	9547.00	9335.58 ft				

File Header

File: FCS\_ILS\_DEFT\_GMS\_107PUPSequence: 6

Defining Origin: 6

Company Name: Esso Australia Pty Ltd.

Well Name: B-8

Field Name: Kingfish B

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

Computations: WELLCAD, SPRI, BORDYN, PLQL

**Error Summary**

File: FCS\_ILS\_DEFT\_GMS\_107PUP

Sequence: 6

No errors detected in file.

**Well Site Data**

File: FCS\_ILS\_DEFT\_GMS\_107PUP

Sequence: 6

**Origin: 6****Well Data**

Company Name	Esso Australia Pty Ltd.	CN
Well Name	B-8	WN
Field Name	Kingfish B	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	AUSL08356985	SON
Longitude	148 11'11.96"E	LONG
Latitude	038 35'54.36"S	LATI
Maximum Hole Deviation	49.0 (deg)	MHD
Elevation of Kelly Bushing	28.3 (m)	EKB
Elevation of Ground Level	-78.0 (m)	EGL
Elevation of Derrick Floor	28.3 (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 28.3 (m)

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

**Job Data**

Date as Month-Day-Year	6-Jun-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2907.0 (m)	TDD
Total Depth - Logger	2905.0 (m)	TDL
Bottom Log Interval	2907.0 (m)	BLI
Top Log Interval	2850.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	11.7 (m)	CDF
Casing Depth To	2919.2 (m)	CADT
Casing Grade	N-80	CASG
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.75 (in)	BS
Date Logger At Bottom	6-Jun-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert	ENGI
Witness's Name	S Gilbert	WITN
Service Order Number	AUSL08356985	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	6-Jun-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 = 49 degrees at 1290m MDKB. R2  
Objective: Complete a Static & Flowing PLT/ Dual DEFT Spinner survey over the interval HUD(2907m MDKB) to 2870m MDKB R3  
Making 6 Passes (3 up – 3 down ) as per Exxon Production logging Protocall R4  
HUD: R5  
SBHT: ---- degf SBHP: ---- psia 2890m MDKB stop de R6  
FBHT: ---- degf FBHP: ---- psia 2890m MDKB Stop De R7  
Sticky wellbore during statice passes tension up&down 300lbs R8  
Flowing Details: R10  
THP: R11  
THT: R12  
PAP: R13  
Gas lift Rate: R14  
accurate surface flow rate's are N/A due to no test separator. R16  
Schlumberger Crew: Jake Annear , Chris Shiells R17

Other Services

None OS1

Channels File: FCS\_ILS\_DEFT\_GMS\_107PUP Sequence: 6

Origin: 6

PFCS–A: PSP Flow and caliper Tool

Spacing: –6.0 in Number of Channels: 22  
D1RB DFB1 DFB2 DFB3 DFB4 DFBM DFCHM DFH1 DFH2 DFH3 DFH4 DFHM DFRB DP1S  
DP2S DP3S DP4S FBM FHM PFC1 PFC2 RB\_PFCS

DEFT–C2: DEFT\_C Tool

Spacing: –6.0 in Number of Channels: 22  
D1RB2 DDFBM DDFHM DFB5 DFB6 DFB7 DFB8 DFBM2 DFH5 DFH6 DFH7 DFH8 DFHM2 DFRB2  
DP5S DP6S DP7S DP8S FBM2 FHM2 PFC12 RPFCX2

PGMC–A: PSP Gradiomanometer Measurement Module

Spacing: –6.0 in Number of Channels: 9  
GPCO GPOP GPPE GTCO GTEP GTOP GTPE UWFD WFDE

PSPT–B: Production Services Logging Platform

Spacing: –6.0 in Number of Channels: 16  
GR MTEP MWFD MWFD\_ROC QGCP QGKF QGKTF QGPF QGTF RGR WPRE WPRE\_TOD7 WTEP  
WTGR WTGR\_ROC WTPE  
Spacing: –1.0 in Number of Channels: 2  
CCLC CCLD

System and Miscellaneous

Spacing: –6.0 in Number of Channels: 20  
BHPR BS CS CVEL ETIM GTEM RCV1 RCVL RSP1 RSPI SCV1 SCVL SPI1 SPIN  
TDEP TENS TIME TOD7\_DL TOJ\_DL WPRE\_TOJ  
Spacing: –1.0 in Number of Channels: 5  
IDWD SCD SCDV TDEP;1 TIME;1

Frame Summary File: FCS\_ILS\_DEFT\_GMS\_107PUP Sequence: 6

Origin: 6  
Index Type Start Stop Spacing Channels Index Channel Frame Name

BOREHOLE-DEPTH	2915.26	2853.39 m	-60.0 (0.1 in) up	89	TDEP	60B
	9564.50	9361.50 ft				
BOREHOLE-DEPTH	2915.26	2853.41 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	9564.50	9361.58 ft				

**File Header** File: **FCS\_ILS\_DEFT\_GMS\_108PUP** Sequence: **7**

### Defining Origin: 6

File ID: FCS\_ILS\_DEFT\_GMS\_108PUP File Type: PLAYBACK

Producer Name: Schlumberger

Product/Version: OP 15C0-309

File Set: 41

File Number: 8

6-JUN-2008 11:14:25

Company Name: Esso Australia Pty Ltd.

Well Name: B-8

Field Name: Kingfish B

Tool String: PFCS-A, PILS-A, DEFT-C2, PGM-C-A, PSPT

Computations: WELLCAD, SPRI, BORDYN, PLQL

**Error Summary** File: **FCS\_ILS\_DEFT\_GMS\_108PUP** Sequence: **7**

No errors detected in file.

**Well Site Data** File: **FCS\_ILS\_DEFT\_GMS\_108PUP** Sequence: **7**

### Origin: 6

#### Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	B-8	WN
Field Name	Kingfish B	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	AUSL08356985	SON
Longitude	148 11'11.96"E	LONG
Latitude	038 35'54.36"S	LATI
Maximum Hole Deviation	49.0 (deg)	MHD
Elevation of Kelly Bushing	28.3 (m)	EKB
Elevation of Ground Level	-78.0 (m)	EGL
Elevation of Derrick Floor	28.3 (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 28.3 (m)	

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

#### Job Data

Date as Month-Day-Year	6-Jun-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2907.0 (m)	TDD
Total Depth - Logger	2905.0 (m)	TDL
Bottom Log Interval	2907.0 (m)	BLI
Top Log Interval	2850.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	11.7 (m)	CDF
Casing Depth To	2919.2 (m)	CADT
Casing Grade	N-80	CASG
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.75 (in)	BS
Date Logger At Bottom	6-Jun-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert	ENGI
Witness's Name	S Gilbert	WITN
Service Order Number	AUSL08356985	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	6-Jun-2008	DLAB, TLAB
	Time Logger At Bottom 8:15	

<b>PVT Data</b>	
Absent Valued Parameters: ODEN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR	
<b>Cement Data</b>	
Cement Job Type	PrimaryCJT
Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA	
<b>Remarks</b>	
Log correlated to ExxonMobil Solar composite supplied with program.	R1
Maximum well deviation = 49 degrees at 1290m MDKB.	R2
Objective: Complete a Static & Flowing PLT/ Dual DEFT Spinner survey over the interval HUD(2907m MDKB) to 2870m MDKB	R3
Making 6 Passes (3 up – 3 down ) as per Exxon Production logging Protocall	R4
HUD:	R5
SBHT: ---- degf    SBHP: ---- psia            2890m MDKB stop de	R6
FBHT: ---- degf    FBHP: ---- psia            2890m MDKB Stop De	R7
Sticky wellbore during static passes tension up&down 300lbs	R8
Flowing Details:	R10
THP:	R11
THT:	R12
PAP:	R13
Gas lift Rate:	R14
accurate surface flow rate's are N/A due to no test separator.	R16
Schlumberger Crew: Jake Annear , Chris Shiells	R17
<b>Other Services</b>	
None	OS1

ChannelsFile: FCS\_ILS\_DEFT\_GMS\_108PUPSequence: 7

<b>Origin: 6</b>	
<b>PFCS–A: PSP Flow and caliper Tool</b>	
Spacing: –6.0 in	Number of Channels: 22
D1RB    DFB1    DFB2    DFB3    DFB4    DFBM    DFCHM    DFH1    DFH2    DFH3    DFH4    DFHM    DFRB    DP1S	
DP2S    DP3S    DP4S    FBM    FHM    PFC1    PFC2    RB_PFCS	
<b>DEFT–C2: DEFT_C Tool</b>	
Spacing: –6.0 in	Number of Channels: 22
D1RB2    DDFBM    DDFHM    DFB5    DFB6    DFB7    DFB8    DFBM2    DFH5    DFH6    DFH7    DFH8    DFHM2    DFRB2	
DP5S    DP6S    DP7S    DP8S    FBM2    FHM2    PFC12    RPFCX2	
<b>PGMC–A: PSP Gradiomanometer Measurement Module</b>	
Spacing: –6.0 in	Number of Channels: 9
GPCO    GPOP    GPPE    GTCO    GTEP    GTOP    GTPE    UWFD    WFDE	
<b>PSPT–B: Production Services Logging Platform</b>	
Spacing: –6.0 in	Number of Channels: 16
GR    MTEP    MWFD    MWFD_ROC    QGCP    QGKF    QGKTF    QGPF    QGTF    RGR    WPRE    WPRE_TOD7    WTEP	
WTGR    WTGR_ROC    WTPE	
Spacing: –1.0 in	Number of Channels: 2
CCLC    CCLD	
<b>System and Miscellaneous</b>	
Spacing: –6.0 in	Number of Channels: 20
BHPR    BS    CS    CVEL    ETIM    GTEM    RCV1    RCVL    RSP1    RSPI    SCV1    SCVL    SPI1    SPIN	
TDEP    TENS    TIME    TOD7_DL    TOJ_DL    WPRE_TOJ	
Spacing: –1.0 in	Number of Channels: 2
TDEP;1    TIME;1	

Frame SummaryFile: FCS\_ILS\_DEFT\_GMS\_108PUPSequence: 7

Origin: 6						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2912.06	2849.27 m	-60.0 (0.1 in) up	89	TDEP	60
	9554.00	9348.00 ft				
BOREHOLE-DEPTH	2912.06	2849.30 m	-10.0 (0.1 in) up	4	TDEP;1	10
	9554.00	9348.08 ft				

File HeaderFile: FCS\_ILS\_DEFT\_GMS\_109PUPSequence: 8

<b>Defining Origin: 6</b>	
File ID: FCS_ILS_DEFT_GMS_109PUP File Type: PLAYBACK	

Company Name: Esso Australia Pty Ltd.  
 Well Name: B-8  
 Field Name: Kingfish B  
 Tool String: PFCS-A, PILS-A, DEFT-C2, PGMC-A, PSPT  
 Computations: WELLCAD, SPRI, BORDYN, PLQL

**Error Summary**File: **FCS\_ILS\_DEFT\_GMS\_109PUP**Sequence: **8**

No errors detected in file.

**Well Site Data**File: **FCS\_ILS\_DEFT\_GMS\_109PUP**Sequence: **8****Origin: 6****Well Data**

Company Name	Esso Australia Pty Ltd.		CN
Well Name	B-8		WN
Field Name	Kingfish B		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	AUSL08356985		SON
Longitude	148 11'11.96"E		LONG
Latitude	038 35'54.36"S		LATI
Maximum Hole Deviation	49.0 (deg)		MHD
Elevation of Kelly Bushing	28.3 (m)		EKB
Elevation of Ground Level	-78.0 (m)		EGL
Elevation of Derrick Floor	28.3 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum 28.3 (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	6-Jun-2008		DATE
Run Number	One		RUN
Total Depth - Driller	2907.0 (m)		TDD
Total Depth - Logger	2905.0 (m)		TDL
Bottom Log Interval	2907.0 (m)		BLI
Top Log Interval	2850.0 (m)		TLI
Current Casing Size	7.63 (in)		CSIZ
Casing Depth From	11.7 (m)		CDF
Casing Depth To	2919.2 (m)		CADT
Casing Grade	N-80		CASG
Casing Weight	29.7 (lbm/ft)		CWEI
Bit Size	9.75 (in)		BS
Date Logger At Bottom	6-Jun-2008	Time Logger At Bottom 8:15	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location Prod4 / Crane	LUN, LUL
Engineer's Name	S Gilbert		ENGI
Witness's Name	S Gilbert		WITN
Service Order Number	AUSL08356985		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	6-Jun-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**

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 = 49 degrees at 1290m MDKB.  
Objective: Complete a Static & Flowing PLT/ Dual DEFT Spinner survey over the interval HUD(2907m MDKB) to 2870m MDKB  
Making 6 Passes (3 up – 3 down ) as per Exxon Production logging Protocall  
HUD:  
SBHT: ---- degf    SBHP: ---- psia            2890m MDKB stop de  
FBHT: ---- degf    FBHP: ---- psia            2890m MDKB Stop De  
Sticky wellbore during statice passes tension up&down 300lbs  
Flowing Details:  
THP:  
THT:  
PAP:  
Gas lift Rate:  
accurate surface flow rate's are N/A due to no test separator.  
Schlumberger Crew: Jake Annear , Chris Shiells

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

Other Services

None

OS1

Channels

File: FCS\_ILS\_DEFT\_GMS\_109PUP    Sequence: 8

Origin: 6

PFCS–A: PSP Flow and caliper Tool

Spacing: –6.0 in                      Number of Channels: 22

D1RB    DFB1    DFB2    DFB3    DFB4    DFBM    DFCHM    DFH1    DFH2    DFH3    DFH4    DFHM    DFRB    DP1S  
DP2S    DP3S    DP4S    FBM    FHM    PFC1    PFC2    RB\_PFCS

DEFT–C2: DEFT\_C Tool

Spacing: –6.0 in                      Number of Channels: 22

D1RB2    DDFBM    DDFHM    DFB5    DFB6    DFB7    DFB8    DFBM2    DFH5    DFH6    DFH7    DFH8    DFHM2    DFRB2  
DP5S    DP6S    DP7S    DP8S    FBM2    FHM2    PFC12    RPFCX2

PGMC–A: PSP Gradiomanometer Measurement Module

Spacing: –6.0 in                      Number of Channels: 9

GPCO    GPOP    GPPE    GTCO    GTEP    GTOP    GTPE    UWFD    WFDE

PSPT–B: Production Services Logging Platform

Spacing: –6.0 in                      Number of Channels: 16

GR    MTEP    MWFD    MWFD\_ROC    QGCP    QGKF    QGKTF    QGPF    QGTF    RGR    WPRE    WPRE\_TOD7    WTEP  
WTGR    WTGR\_ROC    WTPE

Spacing: –1.0 in                      Number of Channels: 2

CCLC    CCLD

System and Miscellaneous

Spacing: –6.0 in                      Number of Channels: 20

BHPR    BS    CS    CVEL    ETIM    GTEM    RCV1    RCVL    RSP1    RSPI    SCV1    SCVL    SPI1    SPIN  
TDEP    TENS    TIME    TOD7\_DL    TOJ\_DL    WPRE\_TOJ

Spacing: –1.0 in                      Number of Channels: 5

IDWD    SCD    SCDV    TDEP;1    TIME;1

Frame Summary

File: FCS\_ILS\_DEFT\_GMS\_109PUP    Sequence: 8

Origin: 6

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE–DEPTH	2916.02	2852.78 m	–60.0 (0.1 in) up	89	TDEP	60B
	0567.00	0250.50 ft				



Mud Data			
Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	219.0 (degF)		MRT
	219.0 (degF)		MRT1
Date Logger At Bottom	6-Jun-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			

# **Well 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 = 49 degrees at 1290m MDKB.  
Objective: Complete a Static & Flowing PLT/ Dual DEFT Spinner survey over the interval HUD(2907m MDKB) to 2870m MDKB  
Making 6 Passes (3 up – 3 down ) as per Exxon Production logging Protocol  
HUD:  
SBHT: 217.65 degf SBHP: 3075.58 psia @ 2890m MDKB stop depth  
FBHT: 219.14 degf FBHP: 2865.88 psia @ 2890m MDKB Stop Depth  
Sticky wellbore during static and flowing passes , tension +/- 300lbs while Logging up.  
Flowing Details:  
THP: 1650 KPA  
THT: 80 degc  
PAP: 5000 KPA  
Gas lift Rate: 56 km3 Day  
Choke@ 40%  
Accurate surface flow rate's are not available due to no test separator.Approx 1100 kl/day of Water  
Schlumberger Crew: Jake Annear , Chris Shiells

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

## **Other Services**

None

OS1

## **Channels**

File: FCS\_ILS\_DEFT\_GMS\_112PUP Sequence: 9

### **Origin: 35**

#### **PFCS–A: PSP Flow and caliper Tool**

Spacing: –6.0 in

Number of Channels: 22

D1RB	DFB1	DFB2	DFB3	DFB4	DFBM	DFCHM	DFH1	DFH2	DFH3	DFH4	DFHM	DFRB	DP1S
DP2S	DP3S	DP4S	FBM	FHM	PFC1	PFC2	RB_PFCS						

#### **DEFT–C2: DEFT\_C Tool**

Spacing: –6.0 in

Number of Channels: 22

D1RB2	DDFBM	DDFHM	DFB5	DFB6	DFB7	DFB8	DFBM2	DFH5	DFH6	DFH7	DFH8	DFHM2	DFRB2
DP5S	DP6S	DP7S	DP8S	FBM2	FHM2	PFC12	RPFCX2						

#### **PGMC–A: PSP Gradiomanometer Measurement Module**

Spacing: –6.0 in

Number of Channels: 9

GPCO	GPOP	GPPE	GTCO	GTEP	GTOP	GTPE	UWFD	WFDE
------	------	------	------	------	------	------	------	------

#### **PSPT–B: Production Services Logging Platform**

Spacing: –6.0 in

Number of Channels: 16

GR	MTEP	MWFD	MWFD_ROC	QGCP	QGKF	QGKTF	QGPF	QGTF	RGR	WPRE	WPRE_TOD7	WTPE
WTGR	WTGR_ROC	WTPE										

Spacing: –1.0 in

Number of Channels: 2

CCLC	CCLD
------	------

#### **System and Miscellaneous**

Spacing: –6.0 in

Number of Channels: 20

BHPR	BS	CS	CVEL	ETIM	GTEM	RCV1	RCVL	RSP1	RSPI	SCV1	SCVL	SPI1	SPIN
TDEP	TENS	TIME	TOD7_DL	TOJ_DL	WPRE_TOJ								

Spacing: –1.0 in

Number of Channels: 2

TDEP;1	TIME;1
--------	--------

## **Frame Summary**

File: FCS\_ILS\_DEFT\_GMS\_112PUP Sequence: 9

### **Origin: 35**

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE–DEPTH	2909.93	2869.23 m	–60.0 (0.1 in) up	89	TDEP	60B
	9547.00	9413.50 ft				
BOREHOLE–DEPTH	2909.93	2869.26 m	–10.0 (0.1 in) up	4	TDEP;1	10B
	9547.00	9413.58 ft				

## **File Header**

File: FCS\_ILS\_DEFT\_GMS\_113PUP Sequence: 10

### **Defining Origin: 35**

File ID: FCS\_ILS\_DEFT\_GMS\_113PUP File Type: PLAYBACK

Producer Name: Schlumberger

Product/Version: OP 15C0–309

File Set: 41

File Number: 49

7–JUN–2008 7:38:03

Product Name: Conumberger	Product Version: 01-1000-000	File Set: 11	File Number: 10	File Date: 2008-1-08:00
Company Name:	Esso Australia Pty Ltd.			
Well Name:	B-8			
Field Name:	Kingfish B			
Tool String:	PFCS-A, PILS-A, DEFT-C2, PGMC-A, PSPT			
Computations:	WELLCAD, SPRI, BORDYN, PLQL			

<b>Error Summary</b>	File: <b>FCS_ILS_DEFT_GMS_113PUP</b>	Sequence: <b>10</b>
No errors detected in file.		

<b>Well Site Data</b>	File: <b>FCS_ILS_DEFT_GMS_113PUP</b>	Sequence: <b>10</b>
-----------------------	--------------------------------------	---------------------

## Origin: 35

### Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	B-8	WN
Field Name	Kingfish B	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	AUSL08356985	SON
Longitude	148 11'11.96"E	LONG
Latitude	038 35'54.36"S	LATI
Maximum Hole Deviation	49.0 (deg)	MHD
Elevation of Kelly Bushing	28.3 (m)	EKB
Elevation of Ground Level	-78.0 (m)	EGL
Elevation of Derrick Floor	28.3 (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 28.3 (m)	

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

### Job Data

Date as Month-Day-Year	6-Jun-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2907.0 (m)	TDD
Total Depth - Logger	2907.0 (m)	TDL
Bottom Log Interval	2907.0 (m)	BLI
Top Log Interval	2870.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	11.7 (m)	CDF
Casing Depth To	2919.2 (m)	CADT
Casing Grade	N-80	CASG
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.75 (in)	BS
Date Logger At Bottom	6-Jun-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert	ENGI
Witness's Name	D Madden	WITN
Service Order Number	AUSL08356985	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	219.0 (degF)	MRT
	219.0 (degF)	MRT1
Date Logger At Bottom	6-Jun-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.

Maximum well deviation = 49 degrees at 1290m MDKB.

Objective: Complete a Static &amp; Flowing PLT/ Dual DEFT Spinner survey over the interval HUD(2907m MDKB) to 2870m MDKB

Making 6 Passes (3 up – 3 down ) as per Exxon Production logging Protocol

HUD:

SBHT: 217.65 degf SBHP: 3075.58 psia @ 2890m MDKB stop depth

FBHT: 219.14 degf FBHP: 2865.88 psia @ 2890m MDKB Stop Depth

Sticky wellbore during static and flowing passes , tension +/- 300lbs while Logging up.

Flowing Details:

THP: 1650 KPA

THT: 80 degc

PAP: 5000 KPA

Gas lift Rate: 56 km3 Day

Choke@ 40%

Accurate surface flow rate's are not available due to no test separator.Approx 1100 kl/day of Water

Schlumberger Crew: Jake Annear , Chris Shiells

**Other Services**

None

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

OS1

**Channels**

File: FCS\_ILS\_DEFT\_GMS\_113PUP Sequence: 10

**Origin: 35****PFCS–A: PSP Flow and caliper Tool**

Spacing: –6.0 in

Number of Channels: 22

D1RB	DFB1	DFB2	DFB3	DFB4	DFBM	DFCHM	DFH1	DFH2	DFH3	DFH4	DFHM	DFRB	DP1S
DP2S	DP3S	DP4S	FBM	FHM	PFC1	PFC2	RB_PFC5						

**DEFT–C2: DEFT\_C Tool**

Spacing: –6.0 in

Number of Channels: 22

D1RB2	DDFBM	DDFHM	DFB5	DFB6	DFB7	DFB8	DFBM2	DFH5	DFH6	DFH7	DFH8	DFHM2	DFRB2
DP5S	DP6S	DP7S	DP8S	FBM2	FHM2	PFC12	RPFCX2						

**PGMC–A: PSP Gradiomanometer Measurement Module**

Spacing: –6.0 in

Number of Channels: 9

GPCO	GPOP	GPPE	GTCO	GTEP	GTOP	GTPE	UWFD	WFDE
------	------	------	------	------	------	------	------	------

**PSPT–B: Production Services Logging Platform**

Spacing: –6.0 in

Number of Channels: 16

GR	MTEP	MWFD	MWFD_ROC	QGCP	QGKF	QGKTF	QGPf	QGTF	RGR	WPRE	WPRE_TOD7	WTPE
WTGR	WTGR_ROC	WTPE										

Spacing: –1.0 in

Number of Channels: 2

CCLC	CCLD
------	------

**System and Miscellaneous**

Spacing: –6.0 in

Number of Channels: 20

BHPR	BS	CS	CVEL	ETIM	GTEM	RCV1	RCVL	RSP1	RSP1	SCV1	SCVL	SPI1	SPIN
TDEP	TENS	TIME	TOD7_DL	TOJ_DL	WPRE_TOJ								

Spacing: –1.0 in

Number of Channels: 5

IDWD	SCD	SCDV	TDEP;1	TIME;1
------	-----	------	--------	--------

**Frame Summary**

File: FCS\_ILS\_DEFT\_GMS\_113PUP Sequence: 10

**Origin: 35**

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE–DEPTH	2909.93	2869.39 m	–60.0 (0.1 in) up	89	TDEP	60B
	9547.00	9414.00 ft				
BOREHOLE–DEPTH	2909.93	2869.41 m	–10.0 (0.1 in) up	7	TDEP;1	10B

9547.00

9414.08 ft

**File Header**File: **FCS\_ILS\_DEFT\_GMS\_114PUP**Sequence: **11****Defining Origin: 35**

File ID: FCS\_ILS\_DEFT\_GMS\_114PUP File Type: PLAYBACK

Producer Name: Schlumberger

Product/Version: OP 15C0-309

File Set: 41

File Number: 50

7-JUN-2008 7:39:28

Company Name: Esso Australia Pty Ltd.

Well Name: B-8

Field Name: Kingfish B

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

Computations: WELLCAD, SPRI, BORDYN, PLQL

**Error Summary**File: **FCS\_ILS\_DEFT\_GMS\_114PUP**Sequence: **11**

No errors detected in file.

**Well Site Data**File: **FCS\_ILS\_DEFT\_GMS\_114PUP**Sequence: **11****Origin: 35****Well Data**

Company Name	Esso Australia Pty Ltd.		CN
Well Name	B-8		WN
Field Name	Kingfish B		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	AUSL08356985		SON
Longitude	148 11'11.96"E		LONG
Latitude	038 35'54.36"S		LATI
Maximum Hole Deviation	49.0 (deg)		MHD
Elevation of Kelly Bushing	28.3 (m)		EKB
Elevation of Ground Level	-78.0 (m)		EGL
Elevation of Derrick Floor	28.3 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum 28.3 (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	6-Jun-2008		DATE
Run Number	One		RUN
Total Depth - Driller	2907.0 (m)		TDD
Total Depth - Logger	2907.0 (m)		TDL
Bottom Log Interval	2907.0 (m)		BLI
Top Log Interval	2870.0 (m)		TLI
Current Casing Size	7.63 (in)		CSIZ
Casing Depth From	11.7 (m)		CDF
Casing Depth To	2919.2 (m)		CADT
Casing Grade	N-80		CASG
Casing Weight	29.7 (lbm/ft)		CWEI
Bit Size	9.75 (in)		BS
Date Logger At Bottom	6-Jun-2008	Time Logger At Bottom 8:15	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location Prod4 / Crane	LUN, LUL
Engineer's Name	S Gilbert		ENGI
Witness's Name	D Madden		WITN
Service Order Number	AUSL08356985		SON

Absent Valued Parameters: BSDF, BSDT

**Mud Data**

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	219.0 (degF)		MRT
	219.0 (degF)		MRT1
Date Logger At Bottom	6-Jun-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, IRG, BPP, BPT, SGOR

## CJT

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

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

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

## File: FCS ILS DEFT GMS 114PUP Sequence: 11

<b>Spacing:</b> -6.0 in		<b>Number of Channels:</b> 22											
D1RB	DFB1	DFB2	DFB3	DFB4	DFBM	DFCHM	DFH1	DFH2	DFH3	DFH4	DFHM	DFRB	DP1S
DP2S	DP3S	DP4S	FBM	FHM	PFC1	PFC2	RB	PFC5					

<b>Spacing:</b> -6.0 in		<b>Number of Channels:</b> 22											
D1RB2	DDFBM	DDFHM	DFB5	DFB6	DFB7	DFB8	DFBM2	DFH5	DFH6	DFH7	DFH8	DFHM2	DFRB2
DP5S	DP6S	DP7S	DP8S	FBM2	FHM2	PFC12	RPFCX2						

**Spacing:** -6.0 in      **Number of Channels:** 9

GPCO	GPOP	GPPE	GTCO	GTEP	GTOP	GTPE	UWFD	WFDE
------	------	------	------	------	------	------	------	------

<b>Spacing:</b>		-6.0 in			<b>Number of Channels:</b>		16						
GR	MTEP	MWFD	MWFD_ROC	QGCP	QGKF	QGKTF	QGPf	QGTf	RGR	WPRe	WPRe_TOD7	WTep	
WTGR	WTGR	ROC WTPE											

**Spacing:** -1.0 in      **Number of Channels:** 2  
CCLC      CCLD

<b>Spacing:</b>	-6.0 in	<b>Number of Channels:</b> 20											
BHPR	BS	CS	CVEL	ETIM	GTEM	RCV1	RCVL	RSP1	RSPI	SCV1	SCVL	SPI1	SPIN
TDEP	TENS	TIME	TOD7_DL	TOJ_DL	WPRE_TOJ								
<b>Spacing:</b>	-1.0 in	<b>Number of Channels:</b> 2											
TDEP:1	TIME:1												

## File: FCS ILS DEFT GMS 114PUP Sequence: 11

<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	2909.47 9545.50	2869.23 m 9413.50 ft	-60.0 (0.1 in) up	89	TDEP	60B
BOREHOLE-DEPTH	2909.47 9545.50	2869.26 m 9413.58 ft	-10.0 (0.1 in) up	4	TDEP;1	10B

File: **FCS\_ILS\_DEFT\_GMS\_115PUP** Sequence: **12**

File ID: FCS\_ILS\_DEFT\_GMS\_115PUP File Type: PLAYBACK  
 Producer Name: Schlumberger Product/Version: OP 15C0-309 File Set: 41 File Number: 51 7-JUN-2008 7:40:41  
 Company Name: Esso Australia Pty Ltd.

Well Name: B-8  
Field Name: Kingfish B  
Tool String: PFCS-A, PILS-A, DEFT-C2, PGMC-A, PSPT  
Computations: WELLCAD, SPRI, BORDYN, PLQL

## Error Summary

File: FCS\_ILS\_DEFT\_GMS\_115PUP

Sequence: 12

No errors detected in file.

## Well Site Data

File: FCS\_ILS\_DEFT\_GMS\_115PUP

Sequence: 12

### Origin: 35

#### Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	B-8	WN
Field Name	Kingfish B	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	AUSL08356985	SON
Longitude	148 11'11.96"E	LONG
Latitude	038 35'54.36"S	LATI
Maximum Hole Deviation	49.0 (deg)	MHD
Elevation of Kelly Bushing	28.3 (m)	EKB
Elevation of Ground Level	-78.0 (m)	EGL
Elevation of Derrick Floor	28.3 (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 28.3 (m)

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

#### Job Data

Date as Month-Day-Year	6-Jun-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2907.0 (m)	TDD
Total Depth - Logger	2907.0 (m)	TDL
Bottom Log Interval	2907.0 (m)	BLI
Top Log Interval	2870.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	11.7 (m)	CDF
Casing Depth To	2919.2 (m)	CADT
Casing Grade	N-80	CASG
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.75 (in)	BS
Date Logger At Bottom	6-Jun-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert	ENGI
Witness's Name	D Madden	WITN
Service Order Number	AUSL08356985	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	219.0 (degF)	MRT
	219.0 (degF)	MRT1
Date Logger At Bottom	6-Jun-2008	DLAB, TLAB

Time Logger At Bottom 8:15

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

#### PVT Data

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

#### Cement Data

Cement Job Type	Primary	C.IT
-----------------	---------	------

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 = 49 degrees at 1290m MDKB.  
Objective: Complete a Static & Flowing PLT/ Dual DEFT Spinner survey over the interval HUD(2907m MDKB) to 2870m MDKB  
Making 6 Passes (3 up – 3 down ) as per Exxon Production logging Protocall  
HUD:  
SBHT: 217.65 degf SBHP: 3075.58 psia @ 2890m MDKB stop depth  
FBHT: 219.14 degf FBHP: 2865.88 psia @ 2890m MDKB Stop Depth  
Sticky wellbore during static and flowing passes , tension +/- 300lbs while Logging up.  
Flowing Details:  
THP: 1650 KPA  
THT: 80 degc  
PAP: 5000 KPA  
Gas lift Rate: 56 km3 Day  
Choke@ 40%  
Accurate surface flow rate's are not available due to no test separator.Approx 1100 kl/day of Water  
Schlumberger Crew: Jake Annear , Chris Shiells

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

None OS1

**Channels**

File: FCS\_ILS\_DEFT\_GMS\_115PUP Sequence: 12

**Origin: 35****PFCS–A: PSP Flow and caliper Tool****Spacing:** –6.0 in**Number of Channels:** 22

D1RB	DFB1	DFB2	DFB3	DFB4	DFBM	DFCHM	DFH1	DFH2	DFH3	DFH4	DFHM	DFRB	DP1S
DP2S	DP3S	DP4S	FBM	FHM	PFC1	PFC2	RB_PFCS						

**DEFT–C2: DEFT\_C Tool****Spacing:** –6.0 in**Number of Channels:** 22

D1RB2	DDFBM	DDFHM	DFB5	DFB6	DFB7	DFB8	DFBM2	DFH5	DFH6	DFH7	DFH8	DFHM2	DFRB2
DP5S	DP6S	DP7S	DP8S	FBM2	FHM2	PFC12	RPFCX2						

**PGMC–A: PSP Gradiomanometer Measurement Module****Spacing:** –6.0 in**Number of Channels:** 9

GPCO	GPOP	GPPE	GTCO	GTEP	GTOP	GTPE	UWFD	WFDE
------	------	------	------	------	------	------	------	------

**PSPT–B: Production Services Logging Platform****Spacing:** –6.0 in**Number of Channels:** 16

GR	MTEP	MWFD	MWFD_ROC	QGCP	QGKF	QGKTF	QGPF	QGTF	RGR	WPRE	WPRE_TOD7	WTEP
WTGR	WTGR_ROC	WTPE										

**Spacing:** –1.0 in**Number of Channels:** 2

CCLC	CCLD
------	------

**System and Miscellaneous****Spacing:** –6.0 in**Number of Channels:** 20

BHPR	BS	CS	CVEL	ETIM	GTEM	RCV1	RCVL	RSP1	RSPI	SCV1	SCVL	SPI1	SPIN
TDEP	TENS	TIME	TOD7_DL	TOJ_DL	WPRE_TOJ								

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

IDWD	SCD	SCDV	TDEP;1	TIME;1
------	-----	------	--------	--------

**Frame Summary**

File: FCS\_ILS\_DEFT\_GMS\_115PUP Sequence: 12

**Origin: 35**

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE–DEPTH	2909.93	2869.23 m	–60.0 (0.1 in) up	89	TDEP	60B
	9547.00	9413.50 ft				
BOREHOLE–DEPTH	2909.93	2869.26 m	–10.0 (0.1 in) up	7	TDEP;1	10B
	9547.00	9413.58 ft				



Defining Origin: 35

File ID: FCS\_ILS\_DEFT\_GMS\_116PUP    File Type: PLAYBACK

Producer Name: Schlumberger    Product/Version: OP 15C0-309    File Set: 41    File Number: 52    7-JUN-2008 7:41:43

Company Name: Esso Australia Pty Ltd.

Well Name: B-8

Field Name: Kingfish B

Tool String: PFCS-A, PILS-A, DEFT-C2, PGMCA-A, PSPT

Computations: WELLCAD, SPRI, BORDYN, PLQL

No errors detected in file.

Origin: 35

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	B-8	WN
Field Name	Kingfish B	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	AUSL08356985	SON
Longitude	148 11'11.96"E	LONG
Latitude	038 35'54.36"S	LATI
Maximum Hole Deviation	49.0 (deg)	MHD
Elevation of Kelly Bushing	28.3 (m)	EKB
Elevation of Ground Level	-78.0 (m)	EGL
Elevation of Derrick Floor	28.3 (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	6-Jun-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2907.0 (m)	TDD
Total Depth - Logger	2907.0 (m)	TDL
Bottom Log Interval	2907.0 (m)	BLI
Top Log Interval	2870.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	11.7 (m)	CDF
Casing Depth To	2919.2 (m)	CADT
Casing Grade	N-80	CASG
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.75 (in)	BS
Date Logger At Bottom	6-Jun-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert	ENGI
Witness's Name	D Madden	WITN
Service Order Number	AUSL08356985	SON

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	219.0 (degF)	MRT
	219.0 (degF)	MRT1
Date Logger At Bottom	6-Jun-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

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 = 49 degrees at 1290m MDKB.  
Objective: Complete a Static & Flowing PLT/ Dual DEFT Spinner survey over the interval HUD(2907m MDKB) to 2870m MDKB  
Making 6 Passes (3 up – 3 down ) as per Exxon Production logging Protocol  
HUD:  
SBHT: 217.65 degf SBHP: 3075.58 psia @ 2890m MDKB stop depth  
FBHT: 219.14 degf FBHP: 2865.88 psia @ 2890m MDKB Stop Depth  
Sticky wellbore during static and flowing passes , tension +/- 300lbs while Logging up.  
Flowing Details:  
THP: 1650 KPA  
THT: 80 degc  
PAP: 5000 KPA  
Gas lift Rate: 56 km3 Day  
Choke@ 40%  
Accurate surface flow rate's are not available due to no test separator.Approx 1100 kl/day of Water  
Schlumberger Crew: Jake Annear , Chris Shiells

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

None OS1

**Channels**

File: FCS\_ILS\_DEFT\_GMS\_116PUP Sequence: 13

**Origin: 35****PFCS–A: PSP Flow and caliper Tool****Spacing:** –6.0 in**Number of Channels:** 22

D1RB	DFB1	DFB2	DFB3	DFB4	DFBM	DFCHM	DFH1	DFH2	DFH3	DFH4	DFHM	DFRB	DP1S
DP2S	DP3S	DP4S	FBM	FHM	PFC1	PFC2	RB_PFC5						

**DEFT–C2: DEFT\_C Tool****Spacing:** –6.0 in**Number of Channels:** 22

D1RB2	DDFBM	DDFHM	DFB5	DFB6	DFB7	DFB8	DFBM2	DFH5	DFH6	DFH7	DFH8	DFHM2	DFRB2
DP5S	DP6S	DP7S	DP8S	FBM2	FHM2	PFC12	RPFCX2						

**PGMC–A: PSP Gradiomanometer Measurement Module****Spacing:** –6.0 in**Number of Channels:** 9

GPCO	GPOP	GPPE	GTCO	GTEP	GTOP	GTPE	UWFD	WFDE
------	------	------	------	------	------	------	------	------

**PSPT–B: Production Services Logging Platform****Spacing:** –6.0 in**Number of Channels:** 16

GR	MTEP	MWFD	MWFD_ROC	QGCP	QGKF	QGKTF	QGPF	QGTF	RGR	WPRE	WPRE_TOD7	WTEP
WTGR	WTGR_ROC	WTPE										

**Spacing:** –1.0 in**Number of Channels:** 2

CCLC	CCLD
------	------

**System and Miscellaneous****Spacing:** –6.0 in**Number of Channels:** 20

BHPR	BS	CS	CVEL	ETIM	GTEM	RCV1	RCVL	RSP1	RSPI	SCV1	SCVL	SPI1	SPIN
TDEP	TENS	TIME	TOD7_DL	TOJ_DL	WPRE_TOJ								

**Spacing:** –1.0 in**Number of Channels:** 2

TDEP;1	TIME;1
--------	--------

**Frame Summary**

File: FCS\_ILS\_DEFT\_GMS\_116PUP 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	2909.93	2869.23 m	–60.0 (0.1 in) up	89	TDEP	60B
	9547.00	9413.50 ft				
BOREHOLE–DEPTH	2909.93	2869.26 m	–10.0 (0.1 in) up	4	TDEP;1	10B
	9547.00	9413.58 ft				

**File Header**

File: FCS\_ILS\_DEFT\_GMS\_117PUP Sequence: 14

**Defining Origin: 35**

File ID: FCS\_ILS\_DEFT\_GMS\_117PUP File Type: PLAYBACK

Producer Name: Schlumberger

Product/Version: OP 15C0–309

File Set: 41

File Number: 53

7–JUN–2008 7:50:08

Company Name: Esso Australia Pty Ltd.

Well Name: B–8

Field Name: Kinofish B

**Error Summary** File: **FCS\_ILS\_DEFT\_GMS\_117PUP** Sequence: **14**

No errors detected in file.

**Well Site Data** File: **FCS\_ILS\_DEFT\_GMS\_117PUP** Sequence: **14**

**Origin: 35**

**Well Data**

Company Name	Esso Australia Pty Ltd.	CN
Well Name	B-8	WN
Field Name	Kingfish B	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	AUSL08356985	SON
Longitude	148 11'11.96"E	LONG
Latitude	038 35'54.36"S	LATI
Maximum Hole Deviation	49.0 (deg)	MHD
Elevation of Kelly Bushing	28.3 (m)	EKB
Elevation of Ground Level	-78.0 (m)	EGL
Elevation of Derrick Floor	28.3 (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 28.3 (m)	

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

**Job Data**

Date as Month-Day-Year	6-Jun-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2907.0 (m)	TDD
Total Depth - Logger	2907.0 (m)	TDL
Bottom Log Interval	2907.0 (m)	BLI
Top Log Interval	2870.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	11.7 (m)	CDF
Casing Depth To	2919.2 (m)	CADT
Casing Grade	N-80	CASG
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.75 (in)	BS
Date Logger At Bottom	6-Jun-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert	ENGI
Witness's Name	D Madden	WITN
Service Order Number	AUSL08356985	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	219.0 (degF)	MRT
	219.0 (degF)	MRT1
Date Logger At Bottom	6-Jun-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

<b>Remarks</b>	
Log correlated to ExxonMobil Solar composite supplied with program.	R1
Maximum well deviation = 49 degrees at 1290m MDKB.	R2
Objective: Complete a Static & Flowing PLT/ Dual DEFT Spinner survey over the interval HUD(2907m MDKB) to 2870m MDKB	R3
Making 6 Passes (3 up – 3 down ) as per Exxon Production logging Protocol	R4
HUD:	R5
SBHT: 217.65 degf    SBHP: 3075.58 psia    @    2890m MDKB stop depth	R6
FBHT: 219.14 degf    FBHP: 2865.88 psia    @    2890m MDKB Stop Depth	R7
Sticky wellbore during static and flowing passes , tension +/- 300lbs while Logging up.	R8
Flowing Details:	R10
THP: 1650 KPA	R11
THT: 80 degc	R12
PAP: 5000 KPA	R13
Gas lift Rate: 56 km3 Day	R14
Choke@ 40%	R15
Accurate surface flow rate's are not available due to no test separator.Approx 1100 kl/day of Water	R16
Schlumberger Crew: Jake Annear , Chris Shiells	R17
<b>Other Services</b>	
None	OS1

<b>Channels</b>	File: <b>FCS_ILS_DEFT_GMS_117PUP</b>	Sequence: <b>14</b>
<b>Origin: 35</b>		
<b>PFCS–A: PSP Flow and caliper Tool</b>		
<b>Spacing:</b> –6.0 in <b>Number of Channels:</b> 22		
D1RB    DFB1    DFB2    DFB3    DFB4    DFBM    DFCHM    DFH1    DFH2    DFH3    DFH4    DFHM    DFRB    DP1S		
DP2S    DP3S    DP4S    FBM    FHM    PFC1    PFC2    RB_PFC5		
<b>DEFT–C2: DEFT_C Tool</b>		
<b>Spacing:</b> –6.0 in <b>Number of Channels:</b> 22		
D1RB2   DDFBM   DDFHM   DFB5    DFB6    DFB7    DFB8    DFBM2   DFH5    DFH6    DFH7    DFH8    DFHM2   DFRB2		
DP5S    DP6S    DP7S    DP8S    FBM2    FHM2    PFC12    RPFCX2		
<b>PGMC–A: PSP Gradiomanometer Measurement Module</b>		
<b>Spacing:</b> –6.0 in <b>Number of Channels:</b> 9		
GPCO    GOPP    GPPE    GTCO    GTEP    GTOP    GTPE    UWFD    WFDE		
<b>PSPT–B: Production Services Logging Platform</b>		
<b>Spacing:</b> –6.0 in <b>Number of Channels:</b> 16		
GR       MTEP    MWFD    MWFD_ROC QGCP    QGKF    QGKTF    QGPF    QGTF    RGR    WPRE    WPRE_TOD7 WTEP		
WTGR    WTGR_ROC WTPE		
<b>Spacing:</b> –1.0 in <b>Number of Channels:</b> 2		
CCLC    CCLD		
<b>System and Miscellaneous</b>		
<b>Spacing:</b> –6.0 in <b>Number of Channels:</b> 20		
BHPR    BS       CS       CVEL    ETIM    GTEM    RCV1    RCVL    RSP1    RSPI    SCV1    SCVL    SPI1    SPIN		
TDEP    TENS    TIME    TOD7_DL TOJ_DL    WPRE_TOJ		
<b>Spacing:</b> –1.0 in <b>Number of Channels:</b> 5		
IDWD    SCD    SCDV    TDEP;1    TIME;1		

Frame Summary		File: FCS_ILS_DEFT_GMS_117PUP		Sequence: 14		
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	2909.93	2869.39 m	-60.0 (0.1 in) up	89	TDEP	60B
	9547.00	9414.00 ft				
BOREHOLE-DEPTH	2909.93	2869.41 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	9547.00	9414.08 ft				

<b>File Header</b>	File: <b>FCS_ILS_DEFT_GMS_118PUP</b>	Sequence: <b>15</b>
--------------------	--------------------------------------	---------------------

<b>File Header</b>		File: FCS_ILS_DEFT_GMS_118PUP	Sequence: 15
<b>Defining Origin: 35</b>			
File ID: FCS_ILS_DEFT_GMS_118PUP File Type: PLAYBACK			
Producer Name: Schlumberger		Product/Version: OP 15C0-309	File Set: 41
			File Number: 54
			7-JUN-2008 7:51:08
Company Name:	Esso Australia Pty Ltd.		
Well Name:	B-8		
Field Name:	Kingfish B		
Tool String:	PFCS-A, PILS-A, DEFT-C2, PGMC-A, PSPT		
Computations:	WELLCAD, SPRI, BORDYN, PLQL		

<b>Error Summary</b>	File: FCS_ILS_DEFT_GMS_118PUP	Sequence: 15
No errors detected in file.		

<b>Well Site Data</b>	File: FCS_ILS_DEFT_GMS_118PUP	Sequence: 15
-----------------------	-------------------------------	--------------

<b>Origin: 35</b>			
<b>Well Data</b>			
Company Name	Esso Australia Pty Ltd.		CN
Well Name	B-8		WN
Field Name	Kingfish B		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	AUSL08356985		SON
Longitude	148 11'11.96"E		LONG
Latitude	038 35'54.36"S		LATI
Maximum Hole Deviation	49.0 (deg)		MHD
Elevation of Kelly Bushing	28.3 (m)		EKB
Elevation of Ground Level	-78.0 (m)		EGL
Elevation of Derrick Floor	28.3 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum 28.3 (m)	LMF, APD
Drilling Measured From	D.F		DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN			

<b>Job Data</b>			
Date as Month-Day-Year	6-Jun-2008		DATE
Run Number	One		RUN
Total Depth - Driller	2907.0 (m)		TDD
Total Depth - Logger	2907.0 (m)		TDL
Bottom Log Interval	2907.0 (m)		BLI
Top Log Interval	2870.0 (m)		TLI
Current Casing Size	7.63 (in)		CSIZ
Casing Depth From	11.7 (m)		CDF
Casing Depth To	2919.2 (m)		CADT
Casing Grade	N-80		CASG
Casing Weight	29.7 (lbm/ft)		CWEI
Bit Size	9.75 (in)		BS
Date Logger At Bottom	6-Jun-2008	Time Logger At Bottom 8:15	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location Prod4 / Crane	LUN, LUL
Engineer's Name	S Gilbert		ENGI
Witness's Name	D Madden		WITN
Service Order Number	AUSL08356985		SON
Absent Valued Parameters: BSDF, BSDT			

<b>Mud Data</b>			
Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	219.0 (degF)		MRT
	219.0 (degF)		MRT1
Date Logger At Bottom	6-Jun-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			

<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

**Remarks**

Log correlated to ExxonMobil Solar composite supplied with program.

Maximum well deviation = 49 degrees at 1290m MDKB.

Objective: Complete a Static &amp; Flowing PLT/ Dual DEFT Spinner survey over the interval HUD(2907m MDKB) to 2870m MDKB

Making 6 Passes (3 up – 3 down ) as per Exxon Production logging Protocall

HUD:

SBHT: 217.65 degf SBHP: 3075.58 psia @ 2890m MDKB stop depth

FBHT: 219.14 degf FBHP: 2865.88 psia @ 2890m MDKB Stop Depth

Sticky wellbore during static and flowing passes , tension +/- 300lbs while Logging up.

Flowing Details:

THP: 1650 KPA

THT: 80 degc

PAP: 5000 KPA

Gas lift Rate: 56 km3 Day

Choke@ 40%

Accurate surface flow rate's are not available due to no test separator.Approx 1100 kl/day of Water

Schlumberger Crew: Jake Annear , Chris Shiells

R1

R2

R3

R4

R5

R6

R7

R8

R10

R11

R12

R13

R14

R15

R16

R17

**Other Services**

None

OS1

**Channels**File: **FCS\_ILS\_DEFT\_GMS\_118PUP**Sequence: **15****Origin: 35****PFCS–A: PSP Flow and caliper Tool****Spacing:** –6.0 in**Number of Channels:** 22

D1RB	DFB1	DFB2	DFB3	DFB4	DFBM	DFCHM	DFH1	DFH2	DFH3	DFH4	DFHM	DFRB	DP1S
DP2S	DP3S	DP4S	FBM	FHM	PFC1	PFC2	RB_PFCS						

**DEFT–C2: DEFT\_C Tool****Spacing:** –6.0 in**Number of Channels:** 22

D1RB2	DDFBM	DDFHM	DFB5	DFB6	DFB7	DFB8	DFBM2	DFH5	DFH6	DFH7	DFH8	DFHM2	DFRB2
DP5S	DP6S	DP7S	DP8S	FBM2	FHM2	PFC12	RPFCX2						

**PGMC–A: PSP Gradiomanometer Measurement Module****Spacing:** –6.0 in**Number of Channels:** 9

GPCO	GPOP	GPPE	GTCO	GTEP	GTOP	GTPE	UWFD	WFDE
------	------	------	------	------	------	------	------	------

**PSPT–B: Production Services Logging Platform****Spacing:** –6.0 in**Number of Channels:** 16

GR	MTEP	MWFD	MWFD_ROC	QGCP	QGKF	QGKTF	QGPf	QGTF	RGR	WPRE	WPRES_TOD7	WTPE
WTGR	WTGR_ROC	WTPE										

**Spacing:** –1.0 in**Number of Channels:** 2

CCLC	CCLD
------	------

**System and Miscellaneous****Spacing:** –6.0 in**Number of Channels:** 20

BHPR	BS	CS	CVEL	ETIM	GTEM	RCV1	RCVL	RSP1	RSP1	SCV1	SCVL	SPI1	SPIN
TDEP	TENS	TIME	TOD7_DL	TOJ_DL	WPRES_TOJ								

**Spacing:** –1.0 in**Number of Channels:** 2

TDEP;1	TIME;1
--------	--------

**Frame Summary**File: **FCS\_ILS\_DEFT\_GMS\_118PUP**Sequence: **15****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	2909.93	2869.23 m	–60.0 (0.1 in) up	89	TDEP	60B
	9547.00	9413.50 ft				
BOREHOLE–DEPTH	2909.93	2869.26 m	–10.0 (0.1 in) up	4	TDEP;1	10B
	9547.00	9413.58 ft				

**File Header**File: **FCS\_ILS\_DEFT\_GMS\_119PUP**Sequence: **16****Defining Origin: 35**

File ID: FCS\_ILS\_DEFT\_GMS\_119PUP File Type: PLAYBACK

Producer Name: Schlumberger

Product/Version: OP 15C0–309

File Set: 41

File Number: 55

7–JUN–2008 7:52:14

Company Name: Esso Australia Pty Ltd.

Well Name: B–8

Field Name: Kingfish B

Tool String: PFCS–A, PILS–A, DEFT–C2, PGMC–A, PSPT

Computations: WELLCAD, SPPL, BORDYN, BLOI

**Error Summary**File: **FCS\_ILS\_DEFT\_GMS\_119PUP**Sequence: **16**

No errors detected in file.

**Well Site Data**File: **FCS\_ILS\_DEFT\_GMS\_119PUP**Sequence: **16****Origin: 35****Well Data**

Company Name	Esso Australia Pty Ltd.		CN
Well Name	B-8		WN
Field Name	Kingfish B		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	AUSL08356985		SON
Longitude	148 11'11.96"E		LONG
Latitude	038 35'54.36"S		LATI
Maximum Hole Deviation	49.0 (deg)		MHD
Elevation of Kelly Bushing	28.3 (m)		EKB
Elevation of Ground Level	-78.0 (m)		EGL
Elevation of Derrick Floor	28.3 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum 28.3 (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	6-Jun-2008		DATE
Run Number	One		RUN
Total Depth - Driller	2907.0 (m)		TDD
Total Depth - Logger	2907.0 (m)		TDL
Bottom Log Interval	2907.0 (m)		BLI
Top Log Interval	2870.0 (m)		TLI
Current Casing Size	7.63 (in)		CSIZ
Casing Depth From	11.7 (m)		CDF
Casing Depth To	2919.2 (m)		CADT
Casing Grade	N-80		CASG
Casing Weight	29.7 (lbm/ft)		CWEI
Bit Size	9.75 (in)		BS
Date Logger At Bottom	6-Jun-2008	Time Logger At Bottom 8:15	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location Prod4 / Crane	LUN, LUL
Engineer's Name	S Gilbert		ENGI
Witness's Name	D Madden		WITN
Service Order Number	AUSL08356985		SON

Absent Valued Parameters: BSDF, BSDT

**Mud Data**

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	219.0 (degF)		MRT
	219.0 (degF)		MRT1
Date Logger At Bottom	6-Jun-2008	Time Logger At Bottom 8:15	DLAB, TLAB

Absent Valued Parameters: DFD, DFV, DFL, DFPD, 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 = 49 degrees at 1290m MDKB.  
Objective: Complete a Static & Flowing PLT/ Dual DEFT Spinner survey over the interval HUD(2907m MDKB) to 2870m MDKB  
Making 6 Passes (3 up – 3 down ) as per Exxon Production logging Protocall  
HUD:  
SBHT: 217.65 degf    SBHP: 3075.58 psia    @    2890m MDKB stop depth  
FBHT: 219.14 degf    FBHP: 2865.88 psia    @    2890m MDKB Stop Depth  
Sticky wellbore during static and flowing passes , tension +/- 300lbs while Logging up.  
Flowing Details:  
THP: 1650 KPA  
THT: 80 degc  
PAP: 5000 KPA  
Gas lift Rate: 56 km3 Day  
Choke@ 40%  
Accurate surface flow rate's are not availbe due to no test separator.Approx 1100 kl/day of Water  
Schlumberger Crew: Jake Annear , Chris Shiells

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

**Other Services** \_\_\_\_\_ OS1  
None

**Channels**                      File: **FCS\_ILS\_DEFT\_GMS\_119PUP**      Sequence: **16**

**Origin: 35**

**PFCS–A: PSP Flow and caliper Tool** \_\_\_\_\_  
**Spacing:** –6.0 in                      **Number of Channels:** 22  
D1RB    DFB1    DFB2    DFB3    DFB4    DFBM    DFCHM    DFH1    DFH2    DFH3    DFH4    DFHM    DFRB    DP1S  
DP2S    DP3S    DP4S    FBM    FHM    PFC1    PFC2    RB\_PFC5

**DEFT–C2: DEFT\_C Tool** \_\_\_\_\_  
**Spacing:** –6.0 in                      **Number of Channels:** 22  
D1RB2    DDFBM    DDFHM    DFB5    DFB6    DFB7    DFB8    DFBM2    DFH5    DFH6    DFH7    DFH8    DFHM2    DFRB2  
DP5S    DP6S    DP7S    DP8S    FBM2    FHM2    PFC12    RPFCX2

**PGMC–A: PSP Gradiomanometer Measurement Module** \_\_\_\_\_  
**Spacing:** –6.0 in                      **Number of Channels:** 9  
GPCO    GPOP    GPPE    GTCO    GTEP    GTOP    GTPE    UWFD    WFDE

**PSPT–B: Production Services Logging Platform** \_\_\_\_\_  
**Spacing:** –6.0 in                      **Number of Channels:** 16  
GR    MTEP    MWFD    MWFD\_ROC    QGCP    QGKF    QGKTF    QGPF    QGTF    RGR    WPRE    WPRE\_TOD7    WTEP  
WTGR    WTGR\_ROC    WTPE  
**Spacing:** –1.0 in                      **Number of Channels:** 2  
CCLC    CCLD

**System and Miscellaneous** \_\_\_\_\_  
**Spacing:** –6.0 in                      **Number of Channels:** 20  
BHPR    BS    CS    CVEL    ETIM    GTEM    RCV1    RCVL    RSP1    RSPI    SCV1    SCVL    SPI1    SPIN  
TDEP    TENS    TIME    TOD7\_DL    TOJ\_DL    WPRE\_TOJ  
**Spacing:** –1.0 in                      **Number of Channels:** 5  
IDWD    SCD    SCDV    TDEP;1    TIME;1

**Frame Summary**                      File: **FCS\_ILS\_DEFT\_GMS\_119PUP**      Sequence: **16**

<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	2909.93	2869.39 m	–60.0 (0.1 in) up	89	TDEP	60B
	9547.00	9414.00 ft				
BOREHOLE–DEPTH	2909.93	2869.41 m	–10.0 (0.1 in) up	7	TDEP;1	10B
	9547.00	9414.08 ft				



