Schlumberger

Verification Listing

Listing Created: 14−AUG−2009 17:28:15

Input Source: D:\OP_Folder\Clients\Esso_2009\FTA_A3\PFCS\COMP_PLT_COMP_108.DLIS
Format: DLIS
Storage Set ID: Default Storage Set
Max Record Length: 8192
Storage Unit Sequence: 1

File Header

File: **FCS_ILS_DEFT_GMS_051PUP** Sequence: **1**

Defining Origin: 12

File ID: FCS_ILS_DEFT_GMS_051PUP File Type: PLAYBACK
Producer Name: Schlumberger Product/Version: OP 17C0−154 File Set: 41 File Number: 49 10−AUG−2009 22:13:11

Company Name:	Esso Australia Pty Ltd
Well Name:	FTA A3
Field Name:	Gippsland Basin
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_051PUP** Sequence: **1**

No errors detected in file.

Well Site Data

File: **FCS_ILS_DEFT_GMS_051PUP** Sequence: **1**

Origin: 12

Well Data

Company Name	Esso Australia Pty Ltd		CN
Well Name	FTA A3		WN
Field Name	Gippsland Basin		FN
Rig:	Prod 4 / Crane		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Bass Strait		FL
	Gippsland Basin		FL1
Longitude	148*16'36.62"E		LONG
Latitude	038*24'31.39"S		LATI
Maximum Hole Deviation	56.9 (deg)		MHD
Elevation of Kelly Bushing	34.5 (m)		EKB
Elevation of Ground Level	−69.0 (m)		EGL
Elevation of Derrick Floor	34.5 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 69.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum −69.0 (m)	LMF, APD
Drilling Measured From	D.F		DMF

Absent Valued Parameters: CN1, CONT, FL2, SECT, TOWN, RANG, APIN, SON

Job Data

Date as Month−Day−Year	9−Aug−2009		DATE
Run Number	1		RUN
Total Depth − Driller	3374.0 (m)		TDD
Bottom Log Interval	3284.0 (m)		BLI
Top Log Interval	3245.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	2287.0 (m)		CDF
Casing Depth To	3372.0 (m)		CADT
Casing Grade	N−80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	2425.8 (m)		BSDF
Bit Size Depth To	3374.0 (m)		BSDT
Date Logger At Bottom	9−Aug−2009		DLAB
Logging Unit Number	889	Logging Unit Location AUSL	LUN, LUL
Engineer's Name	Owen D & Shannon G		ENGI
Witness's Name	DB & JD		WITN

Absent Valued Parameters: TDL, TLAB, SON

Mud Data

Drilling Fluid Type	Production fluids		DFT
Date Logger At Bottom	9−Aug−2009		DLAB

Absent Valued Parameters: DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT, MRT1, MRT2, MRT3, DCS, TCS, 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

Correlated to ExxonMobil Petrophysical composite log provided by cleint	R1
Objective:	R2
Prepare PLT toolstring incorporating pressure, temperture, GR, CCL, dual DEFT	R3
inline and fullbore spinners, RIH correlate GR on depth using composite log	R4
conduct three sets of up and down shut in passes @ 5m/min, 10m/min, 20m/min and	R5
30m/min as per ExxonMobil prodction logging protocol to determine the presents	R6
of cross flow and calibrate spinners.	R7
RIH to HUD start station log, flow well and wait for stabilzation	R8
Conduct three sets of up and down flowing passes @ 5m/min, 10m/min, 20m/min and	R9
30m/min. POOH	R10
−SBHT : XXXpsia, SBHP:XXXDegF	R11
−FBHT: XXXXpsia, FBHT: XXX DegF	R12
Results from test separator during PLT survey:	R14
XXXX Kl/dOil , XXXXX Km3/dGas, XXXXX Water	R15
Crew: John L & Andrew P − Nights, Nathan S & Daniel H − Days	R17

Other Services

2 1/8" EnerJet Perf	OS1
7" MPBT Plug setting	OS2
Cement dump bailers	OS3

Frame Summary

File: **FCS_ILS_DEFT_GMS_051PUP** Sequence: **1**

Origin: 12

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3283.92 m	3219.30 m	−60.0 (0.1 in) up	95	TDEP	60B
	10774.00 ft	10562.00 ft				
BOREHOLE−DEPTH	3283.92 m	3219.48 m	−10.0 (0.1 in) up	7	TDEP;1	10B
	10774.00 ft	10562.58 ft				

File Header

File: **FCS_ILS_DEFT_GMS_055PUP** Sequence: **2**

Defining Origin: 12

File ID: FCS_ILS_DEFT_GMS_055PUP File Type: PLAYBACK
Producer Name: Schlumberger Product/Version: OP 17C0−154 File Set: 41 File Number: 53 10−AUG−2009 22:21:08

Company Name:	Esso Australia Pty Ltd
Well Name:	FTA A3
Field Name:	Gippsland Basin
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_055PUP** Sequence: **2**

No errors detected in file.

Well Site Data

File: **FCS_ILS_DEFT_GMS_055PUP** Sequence: **2**

Origin: 12

Well Data

Company Name	Esso Australia Pty Ltd		CN
Well Name	FTA A3		WN
Field Name	Gippsland Basin		FN
Rig:	Prod 4 / Crane		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Bass Strait		FL
	Gippsland Basin		FL1
Longitude	148*16'36.62"E		LONG
Latitude	038*24'31.39"S		LATI
Maximum Hole Deviation	56.9 (deg)		MHD
Elevation of Kelly Bushing	34.5 (m)		EKB
Elevation of Ground Level	−69.0 (m)		EGL
Elevation of Derrick Floor	34.5 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 69.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum −69.0 (m)	LMF, APD
Drilling Measured From	D.F		DMF

Absent Valued Parameters: CN1, CONT, FL2, SECT, TOWN, RANG, APIN, SON

Job Data

Date as Month−Day−Year	9−Aug−2009		DATE
Run Number	1		RUN
Total Depth − Driller	3374.0 (m)		TDD
Bottom Log Interval	3284.0 (m)		BLI
Top Log Interval	3245.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	2287.0 (m)		CDF
Casing Depth To	3372.0 (m)		CADT
Casing Grade	N−80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	2425.8 (m)		BSDF
Bit Size Depth To	3374.0 (m)		BSDT
Date Logger At Bottom	9−Aug−2009		DLAB
Logging Unit Number	889	Logging Unit Location AUSL	LUN, LUL
Engineer's Name	Owen D & Shannon G		ENGI
Witness's Name	DB & JD		WITN

Absent Valued Parameters: TDL, TLAB, SON

Mud Data

Drilling Fluid Type	Production fluids	DFT
Date Logger At Bottom	9−Aug−2009	DLAB

Absent Valued Parameters: DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT, MRT1, MRT2, MRT3, DCS, TCS, 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

Correlated to ExxonMobil Petrophysical composite log provided by cleint	R1
Objective:	R2
Prepare PLT toolstring incorporating pressure, temperture, GR, CCL, dual DEFT	R3
inline and fullbore spinners, RIH correlate GR on depth using composite log	R4
conduct three sets of up and down shut in passes @ 5m/min, 10m/min, 20m/min and	R5
30m/min as per ExxonMobil prodction logging protocol to determine the presents	R6
of cross flow and calibrate spinners.	R7
RIH to HUD start station log, flow well and wait for stabilzation	R8
Conduct three sets of up and down flowing passes @ 5m/min, 10m/min, 20m/min and	R9
30m/min. POOH	R10
−SBHT : XXXpsia, SBHP:XXXDegF	R11
−FBHT: XXXXpsia, FBHT: XXX DegF	R12
Results from test separator during PLT survey:	R14
XXXX Kl/dOil , XXXXX Km3/dGas, XXXXX Water	R15
Crew: John L & Andrew P − Nights, Nathan S & Daniel H − Days	R17

Other Services

2 1/8" EnerJet Perf	OS1
7" MPBT Plug setting	OS2
Cement dump bailers	OS3

Frame Summary

File: **FCS_ILS_DEFT_GMS_055PUP** Sequence: **2**

Frame Summary File: FCS_ILS_DEFT_GMS_061PUP Sequence: 2

Origin: 12

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3281.48 m 10766.00 ft	3215.94 m 10551.00 ft	−60.0 (0.1 in) up	95	TDEP	60B
BOREHOLE−DEPTH	3281.48 m 10766.00 ft	3216.12 m 10551.58 ft	−10.0 (0.1 in) up	4	TDEP;1	10B

File Header File: **FCS_ILS_DEFT_GMS_061PUP** Sequence: **3**

Defining Origin: 35

File ID: FCS_ILS_DEFT_GMS_061PUP File Type: PLAYBACK
Producer Name: Schlumberger Product/Version: OP 17C0−154 File Set: 41 File Number: 55 14−AUG−2009 2:13:55

Company Name:	Esso Australia Pty Ltd
Well Name:	FTA A3
Field Name:	Gippsland Basin
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_061PUP** Sequence: **3**

No errors detected in file.

Well Site Data File: **FCS_ILS_DEFT_GMS_061PUP** Sequence: **3**

Origin: 35

Well Data

Company Name	Esso Australia Pty Ltd		CN
Well Name	FTA A3		WN
Field Name	Gippsland Basin		FN
Rig:	Prod 4 / Crane		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Bass Strait		FL
	Gippsland Basin		FL1
Longitude	148*16'36.62"E		LONG
Latitude	038*24'31.39"S		LATI
Maximum Hole Deviation	56.9 (deg)		MHD
Elevation of Kelly Bushing	34.5 (m)		EKB
Elevation of Ground Level	−69.0 (m)		EGL
Elevation of Derrick Floor	34.5 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 69.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum −69.0 (m)	LMF, APD
Drilling Measured From	D.F		DMF

Absent Valued Parameters: CN1, CONT, FL2, SECT, TOWN, RANG, APIN, SON

Job Data

Date as Month−Day−Year	10−Aug−2009	DATE
Run Number	1	RUN
Total Depth − Driller	3374.0 (m)	TDD
Total Depth − Logger	3284.0 (m)	TDL
Bottom Log Interval	3284.0 (m)	BLI
Top Log Interval	3245.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	2287.0 (m)	CDF
Casing Depth To	3372.0 (m)	CADT
Casing Grade	N−80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	2425.8 (m)	BSDF
Bit Size Depth To	3374.0 (m)	BSDT

Date Logger At Bottom	10−Aug−2009	Time Logger At Bottom	10:40	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	AUSL	LUN, LUL
Engineer's Name	Owen D & Shannon G			ENGI
Witness's Name	Donald Broomfield , John Digiovanni			WITN

Absent Valued Parameters: SON

Mud Data

Drilling Fluid Type	Production fluids			DFT
Drilling Fluid Density	1.01 (g/cm3)			DFD
Maximum Recorded Temperature	224.0 (degF)			MRT
	224.0 (degF)			MRT1
Date Logger At Bottom	10−Aug−2009	Time Logger At Bottom	10:40	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

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

Remarks

Correlated to ExxonMobil Petrophysical composite log provided by cleint	R1
Objective:	R2
Prepare PLT toolstring incorporating pressure, temperture, GR, CCL, dual DEFT	R3
inline and fullbore spinners, RIH correlate GR on depth using composite log	R4
conduct three sets of up and down shut in passes @ 5m/min, 10m/min, 20m/min and	R5
30m/min as per ExxonMobil prodction logging protocol to determine the presents	R6
of cross flow and calibrate spinners.	R7
RIH to HUD start station log, flow well and wait for stabilzation	R8
Conduct three sets of up and down flowing passes @ 5m/min, 10m/min, 20m/min and	R9
30m/min. POOH	R10
−SBHT : 3303 psia, SBHP: 224 DegF @ 3280m MDKB	R11
−FBHT : 2996 psia, FBHT: 224 DegF @ 3280m MDKB	R12
PLT Tool's became stup on bottom after the 2nd pass , once the tool's came free the logging program was abandoned.	R13
Results from test separator during PLT survey:	R14
XXXX Kl/dOil , XXXXX Km3/dGas, XXXXX Water	R15
Crew: John L & Andrew P − Nights, Nathan S & Daniel H − Days	R17

Other Services

2 1/8" EnerJet Perf	OS1
7" MPBT Plug setting	OS2
Cement dump bailers	OS3

Frame Summary File: **FCS_ILS_DEFT_GMS_061PUP** Sequence: **3**

Origin: 35

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3282.24 m	3224.48 m	−60.0 (0.1 in) up	95	TDEP	60B
	10768.50 ft	10579.00 ft				
BOREHOLE−DEPTH	3282.24 m	3224.50 m	−10.0 (0.1 in) up	4	TDEP;1	10B
	10768.50 ft	10579.08 ft				

File Header File: **FCS_ILS_DEFT_GMS_062PUP** Sequence: **4**

Defining Origin: 35

File ID: FCS_ILS_DEFT_GMS_062PUP File Type: PLAYBACK
Producer Name: Schlumberger Product/Version: OP 17C0−154 File Set: 41 File Number: 56 14−AUG−2009 2:15:25

Company Name:	Esso Australia Pty Ltd
Well Name:	FTA A3
Field Name:	Gippsland Basin
Tool String:	PFCS−A, PILS−A, DEFT−C2, PGMC−A/B, PSPT−A
Computations:	WELLCAD, SPRI, BORDYN, PLQL

Error Summary File: **FCS_ILS_DEFT_GMS_062PUP** Sequence: **4**

No errors detected in file.

Well Site Data File: **FCS_ILS_DEFT_GMS_062PUP** Sequence: **4**

Origin: 35

Well Data

Company Name	Esso Australia Pty Ltd		CN
Well Name	FTA A3		WN
Field Name	Gippsland Basin		FN
Rig:	Prod 4 / Crane		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Bass Strait		FL
	Gippsland Basin		FL1
Longitude	148*16'36.62"E		LONG
Latitude	038*24'31.39"S		LATI
Maximum Hole Deviation	56.9 (deg)		MHD
Elevation of Kelly Bushing	34.5 (m)		EKB
Elevation of Ground Level	−69.0 (m)		EGL
Elevation of Derrick Floor	34.5 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 69.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum −69.0 (m)	LMF, APD
Drilling Measured From	D.F		DMF

Absent Valued Parameters: CN1, CONT, FL2, SECT, TOWN, RANG, APIN, SON

Job Data

Date as Month−Day−Year	10−Aug−2009		DATE
Run Number	1		RUN
Total Depth − Driller	3374.0 (m)		TDD
Total Depth − Logger	3284.0 (m)		TDL
Bottom Log Interval	3284.0 (m)		BLI
Top Log Interval	3245.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	2287.0 (m)		CDF
Casing Depth To	3372.0 (m)		CADT
Casing Grade	N−80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	2425.8 (m)		BSDF
Bit Size Depth To	3374.0 (m)		BSDT
Date Logger At Bottom	10−Aug−2009	Time Logger At Bottom 10:40	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location AUSL	LUN, LUL
Engineer's Name	Owen D & Shannon G		ENGI
Witness's Name	Donald Broomfield , John Digiovanni		WITN

Absent Valued Parameters: SON

Mud Data

Drilling Fluid Type	Production fluids		DFT
Drilling Fluid Density	1.01 (g/cm3)		DFD
Maximum Recorded Temperature	224.0 (degF)		MRT
	224.0 (degF)		MRT1
Date Logger At Bottom	10−Aug−2009	Time Logger At Bottom 10:40	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

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

Remarks

Correlated to ExxonMobil Petrophysical composite log provided by cleint	R1
Objective:	R2
Prepare PLT toolstring incorporating pressure, temperture, GR, CCL, dual DEFT	R3
inline and fullbore spinners, RIH correlate GR on depth using composite log	R4
conduct three sets of up and down shut in passes @ 5m/min, 10m/min, 20m/min and	R5

conduct three sets of up and down shut in passes @ 5m/min, 10m/min, 20m/min and R5
30m/min as per ExxonMobil prodction logging protocol to determine the presents R6
of cross flow and calibrate spinners. R7
RIH to HUD start station log, flow well and wait for stabilzation R8
Conduct three sets of up and down flowing passes @ 5m/min, 10m/min, 20m/min and R9
30m/min. POOH R10
−SBHT : 3303 psia, SBHP: 224 DegF @ 3280m MDKB R11
−FBHT : 2996 psia, FBHT: 224 DegF @ 3280m MDKB R12
PLT Tool's became stup on bottom after the 2nd pass , once the tool's came free the logging program was abandoned. R13
Results from test separator during PLT survey: R14
XXXX Kl/dOil , XXXXX Km3/dGas, XXXXX Water R15
Crew: John L & Andrew P − Nights, Nathan S & Daniel H − Days R17

Other Services

2 1/8" EnerJet Perf OS1
7" MPBT Plug setting OS2
Cement dump bailers OS3

Frame Summary

File: **FCS_ILS_DEFT_GMS_062PUP** Sequence: **4**

Origin: 35

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3284.98 m	3196.44 m	−60.0 (0.1 in) up	95	TDEP	60B
	10777.50 ft	10487.00 ft				
BOREHOLE−DEPTH	3284.98 m	3196.46 m	−10.0 (0.1 in) up	7	TDEP;1	10B
	10777.50 ft	10487.08 ft				

File Header

File: **FCS_ILS_DEFT_GMS_063PUP** Sequence: **5**

Defining Origin: 35

File ID: FCS_ILS_DEFT_GMS_063PUP File Type: PLAYBACK
Producer Name: Schlumberger Product/Version: OP 17C0−154 File Set: 41 File Number: 57 14−AUG−2009 2:16:39

Company Name: Esso Australia Pty Ltd
Well Name: FTA A3
Field Name: Gippsland Basin
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_063PUP** Sequence: **5**

No errors detected in file.

Well Site Data

File: **FCS_ILS_DEFT_GMS_063PUP** Sequence: **5**

Origin: 35

Well Data

Company Name	Esso Australia Pty Ltd		CN
Well Name	FTA A3		WN
Field Name	Gippsland Basin		FN
Rig:	Prod 4 / Crane		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Bass Strait		FL
	Gippsland Basin		FL1
Longitude	148*16'36.62"E		LONG
Latitude	038*24'31.39"S		LATI
Maximum Hole Deviation	56.9 (deg)		MHD
Elevation of Kelly Bushing	34.5 (m)		EKB
Elevation of Ground Level	−69.0 (m)		EGL
Elevation of Derrick Floor	34.5 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 69.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum −69.0 (m)	LMF, APD
Drilling Measured From	D.F		DMF

Absent Valued Parameters: CN1, CONT, FL2, SECT, TOWN, RANG, APIN, SON

Job Data

Date as Month−Day−Year	10−Aug−2009	DATE
Run Number	1	RUN
Total Depth − Driller	3374.0 (m)	TDD

Total Depth − Logger	3284.0 (m)			TDL
Bottom Log Interval	3284.0 (m)			BLI
Top Log Interval	3245.0 (m)			TLI
Current Casing Size	7.00 (in)			CSIZ
Casing Depth From	2287.0 (m)			CDF
Casing Depth To	3372.0 (m)			CADT
Casing Grade	N−80			CASG
Casing Weight	26.0 (lbm/ft)			CWEI
Bit Size	8.50 (in)			BS
Bit Size Depth From	2425.8 (m)			BSDF
Bit Size Depth To	3374.0 (m)			BSDT
Date Logger At Bottom	10−Aug−2009	Time Logger At Bottom 10:40		DLAB, TLAB
Logging Unit Number	889	Logging Unit Location AUSL		LUN, LUL
Engineer's Name	Owen D & Shannon G			ENGI
Witness's Name	Donald Broomfield , John Digiovanni			WITN

Absent Valued Parameters: SON

Mud Data

Drilling Fluid Type	Production fluids			DFT
Drilling Fluid Density	1.01 (g/cm3)			DFD
Maximum Recorded Temperature	224.0 (degF)			MRT
	224.0 (degF)			MRT1
Date Logger At Bottom	10−Aug−2009	Time Logger At Bottom 10:40		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

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

Remarks

Correlated to ExxonMobil Petrophysical composite log provided by cleint	R1
Objective:	R2
Prepare PLT toolstring incorporating pressure, temperture, GR, CCL, dual DEFT	R3
inline and fullbore spinners, RIH correlate GR on depth using composite log	R4
conduct three sets of up and down shut in passes @ 5m/min, 10m/min, 20m/min and	R5
30m/min as per ExxonMobil prodction logging protocol to determine the presents	R6
of cross flow and calibrate spinners.	R7
RIH to HUD start station log, flow well and wait for stabilzation	R8
Conduct three sets of up and down flowing passes @ 5m/min, 10m/min, 20m/min and	R9
30m/min. POOH	R10
−SBHT : 3303 psia, SBHP: 224 DegF @ 3280m MDKB	R11
−FBHT : 2996 psia, FBHT: 224 DegF @ 3280m MDKB	R12
PLT Tool's became stup on bottom after the 2nd pass , once the tool's came free the logging program was abandoned.	R13
Results from test separator during PLT survey:	R14
XXXX Kl/dOil , XXXXX Km3/dGas, XXXXX Water	R15
Crew: John L & Andrew P − Nights, Nathan S & Daniel H − Days	R17

Other Services

2 1/8" EnerJet Perf	OS1
7" MPBT Plug setting	OS2
Cement dump bailers	OS3

Frame Summary File: **FCS_ILS_DEFT_GMS_063PUP** Sequence: **5**

Origin: 35

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3282.39 m	3193.85 m	−60.0 (0.1 in) up	95	TDEP	60B
	10769.00 ft	10478.50 ft				
BOREHOLE−DEPTH	3282.39 m	3193.87 m	−10.0 (0.1 in) up	4	TDEP;1	10B
	10769.00 ft	10478.58 ft				

File Header File: **FCS_ILS_DEFT_GMS_064PUP** Sequence: **6**

Defining Origin: 35

File ID: FCS_ILS_DEFT_GMS_064PUP File Type: PLAYBACK
Producer Name: Schlumberger Product/Version: OP 17C0−154 File Set: 41 File Number: 58 14−AUG−2009 2:18:53

Company Name: Esso Australia Pty Ltd
Well Name: FTA A3
Field Name: Gippsland Basin
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_064PUP** Sequence: **6**

No errors detected in file.

Well Site Data File: **FCS_ILS_DEFT_GMS_064PUP** Sequence: **6**

Origin: 35

Well Data

Company Name	Esso Australia Pty Ltd		CN
Well Name	FTA A3		WN
Field Name	Gippsland Basin		FN
Rig:	Prod 4 / Crane		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Bass Strait		FL
	Gippsland Basin		FL1
Longitude	148*16'36.62"E		LONG
Latitude	038*24'31.39"S		LATI
Maximum Hole Deviation	56.9 (deg)		MHD
Elevation of Kelly Bushing	34.5 (m)		EKB
Elevation of Ground Level	−69.0 (m)		EGL
Elevation of Derrick Floor	34.5 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 69.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum −69.0 (m)	LMF, APD
Drilling Measured From	D.F		DMF

Absent Valued Parameters: CN1, CONT, FL2, SECT, TOWN, RANG, APIN, SON

Job Data

Date as Month−Day−Year	10−Aug−2009		DATE
Run Number	1		RUN
Total Depth − Driller	3374.0 (m)		TDD
Total Depth − Logger	3284.0 (m)		TDL
Bottom Log Interval	3284.0 (m)		BLI
Top Log Interval	3245.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	2287.0 (m)		CDF
Casing Depth To	3372.0 (m)		CADT
Casing Grade	N−80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	2425.8 (m)		BSDF
Bit Size Depth To	3374.0 (m)		BSDT
Date Logger At Bottom	10−Aug−2009	Time Logger At Bottom 10:40	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location AUSL	LUN, LUL
Engineer's Name	Owen D & Shannon G		ENGI
Witness's Name	Donald Broomfield , John Digiovanni		WITN

Absent Valued Parameters: SON

Mud Data

Drilling Fluid Type	Production fluids		DFT
Drilling Fluid Density	1.01 (g/cm3)		DFD
Maximum Recorded Temperature	224.0 (degF)		MRT
	224.0 (degF)		MRT1
Date Logger At Bottom	10−Aug−2009	Time Logger At Bottom 10:40	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

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

Remarks

Remarks

Correlated to ExxonMobil Petrophysical composite log provided by cleint	R1
Objective:	R2
Prepare PLT toolstring incorporating pressure, temperture, GR, CCL, dual DEFT	R3
inline and fullbore spinners, RIH correlate GR on depth using composite log	R4
conduct three sets of up and down shut in passes @ 5m/min, 10m/min, 20m/min and	R5
30m/min as per ExxonMobil prodction logging protocol to determine the presents	R6
of cross flow and calibrate spinners.	R7
RIH to HUD start station log, flow well and wait for stabilzation	R8
Conduct three sets of up and down flowing passes @ 5m/min, 10m/min, 20m/min and	R9
30m/min. POOH	R10
−SBHT : 3303 psia, SBHP: 224 DegF @ 3280m MDKB	R11
−FBHT : 2996 psia, FBHT: 224 DegF @ 3280m MDKB	R12
PLT Tool's became stup on bottom after the 2nd pass , once the tool's came free the logging program was abandoned.	R13
Results from test separator during PLT survey:	R14
XXXX Kl/dOil , XXXXX Km3/dGas, XXXXX Water	R15
Crew: John L & Andrew P − Nights, Nathan S & Daniel H − Days	R17

Other Services

2 1/8" EnerJet Perf	OS1
7" MPBT Plug setting	OS2
Cement dump bailers	OS3

Frame Summary

File: **FCS_ILS_DEFT_GMS_064PUP** Sequence: **6**

Origin: 35

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3282.39 m	3193.85 m	−60.0 (0.1 in) up	95	TDEP	60B
	10769.00 ft	10478.50 ft				
BOREHOLE−DEPTH	3282.39 m	3193.87 m	−10.0 (0.1 in) up	4	TDEP;1	10B
	10769.00 ft	10478.58 ft				

File Header

File: **FCS_ILS_DEFT_GMS_065PUP** Sequence: **7**

Defining Origin: 35

File ID: FCS_ILS_DEFT_GMS_065PUP File Type: PLAYBACK
Producer Name: Schlumberger Product/Version: OP 17C0−154 File Set: 41 File Number: 59 14−AUG−2009 2:19:59

Company Name:	Esso Australia Pty Ltd
Well Name:	FTA A3
Field Name:	Gippsland Basin
Tool String:	PFCS−A, PILS−A, DEFT−C2, PGMC−A/B, PSPT−A
Computations:	WELLCAD, SPRI, BORDYN, PLQL

Error Summary

File: **FCS_ILS_DEFT_GMS_065PUP** Sequence: **7**

No errors detected in file.

Well Site Data

File: **FCS_ILS_DEFT_GMS_065PUP** Sequence: **7**

Origin: 35

Well Data

Company Name	Esso Australia Pty Ltd			CN
Well Name	FTA A3			WN
Field Name	Gippsland Basin			FN
Rig:	Prod 4 / Crane			CLAB, COUN
State:	Victoria			SLAB, STAT
Nation	Australia			NATI
Field Location	Bass Strait			FL
	Gippsland Basin			FL1
Longitude	148*16'36.62"E			LONG
Latitude	038*24'31.39"S			LATI
Maximum Hole Deviation	56.9 (deg)			MHD
Elevation of Kelly Bushing	34.5 (m)			EKB
Elevation of Ground Level	−69.0 (m)			EGL
Elevation of Derrick Floor	34.5 (m)			EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum	69.0 (m)	PDAT, EPD

Log Measured From	D.F	Above Permanent Datum	−69.0 (m)	LMF, APD
Drilling Measured From	D.F			DMF

Absent Valued Parameters: CN1, CONT, FL2, SECT, TOWN, RANG, APIN, SON

Job Data

Date as Month−Day−Year	10−Aug−2009			DATE
Run Number	1			RUN
Total Depth − Driller	3374.0 (m)			TDD
Total Depth − Logger	3284.0 (m)			TDL
Bottom Log Interval	3284.0 (m)			BLI
Top Log Interval	3245.0 (m)			TLI
Current Casing Size	7.00 (in)			CSIZ
Casing Depth From	2287.0 (m)			CDF
Casing Depth To	3372.0 (m)			CADT
Casing Grade	N−80			CASG
Casing Weight	26.0 (lbm/ft)			CWEI
Bit Size	8.50 (in)			BS
Bit Size Depth From	2425.8 (m)			BSDF
Bit Size Depth To	3374.0 (m)			BSDT
Date Logger At Bottom	10−Aug−2009	Time Logger At Bottom	10:40	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	AUSL	LUN, LUL
Engineer's Name	Owen D & Shannon G			ENGI
Witness's Name	Donald Broomfield , John Digiovanni			WITN

Absent Valued Parameters: SON

Mud Data

Drilling Fluid Type	Production fluids			DFT
Drilling Fluid Density	1.01 (g/cm3)			DFD
Maximum Recorded Temperature	224.0 (degF)			MRT
	224.0 (degF)			MRT1
Date Logger At Bottom	10−Aug−2009	Time Logger At Bottom	10:40	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

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

Remarks

Correlated to ExxonMobil Petrophysical composite log provided by cleint	R1
Objective:	R2
Prepare PLT toolstring incorporating pressure, temperture, GR, CCL, dual DEFT	R3
inline and fullbore spinners, RIH correlate GR on depth using composite log	R4
conduct three sets of up and down shut in passes @ 5m/min, 10m/min, 20m/min and	R5
30m/min as per ExxonMobil prodction logging protocol to determine the presents	R6
of cross flow and calibrate spinners.	R7
RIH to HUD start station log, flow well and wait for stabilzation	R8
Conduct three sets of up and down flowing passes @ 5m/min, 10m/min, 20m/min and	R9
30m/min. POOH	R10
−SBHT : 3303 psia, SBHP: 224 DegF @ 3280m MDKB	R11
−FBHT : 2996 psia, FBHT: 224 DegF @ 3280m MDKB	R12
PLT Tool's became stup on bottom after the 2nd pass , once the tool's came free the logging program was abandoned.	R13
Results from test separator during PLT survey:	R14
XXXX Kl/dOil , XXXXX Km3/dGas, XXXXX Water	R15
Crew: John L & Andrew P − Nights, Nathan S & Daniel H − Days	R17

Other Services

2 1/8" EnerJet Perf	OS1
7" MPBT Plug setting	OS2
Cement dump bailers	OS3

Frame Summary File: **FCS_ILS_DEFT_GMS_065PUP** Sequence: **7**

Origin: 35

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3284.68 m	3219.45 m	−60.0 (0.1 in) up	95	TDEP	60B
	10776.50	10562.50 ft				
BOREHOLE−DEPTH	3284.68 m	3219.48 m	−10.0 (0.1 in) up	7	TDEP;1	10B
	10776.50	10562.58 ft				

File Header File: **FCS_ILS_DEFT_GMS_066PUP** Sequence: **8**

Defining Origin: 35

File ID: FCS_ILS_DEFT_GMS_066PUP File Type: PLAYBACK
Producer Name: Schlumberger Product/Version: OP 17C0−154 File Set: 41 File Number: 60 14−AUG−2009 2:20:47

Company Name: Esso Australia Pty Ltd
Well Name: FTA A3
Field Name: Gippsland Basin
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_066PUP** Sequence: **8**

No errors detected in file.

Well Site Data File: **FCS_ILS_DEFT_GMS_066PUP** Sequence: **8**

Origin: 35

Well Data

Company Name	Esso Australia Pty Ltd		CN
Well Name	FTA A3		WN
Field Name	Gippsland Basin		FN
Rig:	Prod 4 / Crane		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Bass Strait		FL
	Gippsland Basin		FL1
Longitude	148*16'36.62"E		LONG
Latitude	038*24'31.39"S		LATI
Maximum Hole Deviation	56.9 (deg)		MHD
Elevation of Kelly Bushing	34.5 (m)		EKB
Elevation of Ground Level	−69.0 (m)		EGL
Elevation of Derrick Floor	34.5 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 69.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum −69.0 (m)	LMF, APD
Drilling Measured From	D.F		DMF

Absent Valued Parameters: CN1, CONT, FL2, SECT, TOWN, RANG, APIN, SON

Job Data

Date as Month−Day−Year	10−Aug−2009		DATE
Run Number	1		RUN
Total Depth − Driller	3374.0 (m)		TDD
Total Depth − Logger	3284.0 (m)		TDL
Bottom Log Interval	3284.0 (m)		BLI
Top Log Interval	3245.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	2287.0 (m)		CDF
Casing Depth To	3372.0 (m)		CADT
Casing Grade	N−80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	2425.8 (m)		BSDF
Bit Size Depth To	3374.0 (m)		BSDT
Date Logger At Bottom	10−Aug−2009	Time Logger At Bottom 10:40	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location AUSL	LUN, LUL
Engineer's Name	Owen D & Shannon G		ENGI
Witness's Name	Donald Broomfield , John Digiovanni		WITN

Absent Valued Parameters: SON

Mud Data

Drilling Fluid Type	Production fluids		DFT

Drilling Fluid Density	1.01 (g/cm3)			DFD
Maximum Recorded Temperature	224.0 (degF)			MRT
	224.0 (degF)			MRT1
Date Logger At Bottom	10−Aug−2009	Time Logger At Bottom	10:40	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

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

Remarks

Correlated to ExxonMobil Petrophysical composite log provided by cleint	R1
Objective:	R2
Prepare PLT toolstring incorporating pressure, temperture, GR, CCL, dual DEFT	R3
inline and fullbore spinners, RIH correlate GR on depth using composite log	R4
conduct three sets of up and down shut in passes @ 5m/min, 10m/min, 20m/min and	R5
30m/min as per ExxonMobil prodction logging protocol to determine the presents	R6
of cross flow and calibrate spinners.	R7
RIH to HUD start station log, flow well and wait for stabilzation	R8
Conduct three sets of up and down flowing passes @ 5m/min, 10m/min, 20m/min and	R9
30m/min. POOH	R10
−SBHT : 3303 psia, SBHP: 224 DegF @ 3280m MDKB	R11
−FBHT : 2996 psia, FBHT: 224 DegF @ 3280m MDKB	R12
PLT Tool's became stup on bottom after the 2nd pass , once the tool's came free the logging program was abandoned.	R13
Results from test separator during PLT survey:	R14
XXXX Kl/dOil , XXXXX Km3/dGas, XXXXX Water	R15
Crew: John L & Andrew P − Nights, Nathan S & Daniel H − Days	R17

Other Services

2 1/8" EnerJet Perf	OS1
7" MPBT Plug setting	OS2
Cement dump bailers	OS3

Frame Summary File: **FCS_ILS_DEFT_GMS_066PUP** Sequence: **8**

Origin: 35

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3282.54 m	3216.71 m	−60.0 (0.1 in) up	95	TDEP	60B
	10769.50 ft	10553.50 ft				
BOREHOLE−DEPTH	3282.54 m	3216.73 m	−10.0 (0.1 in) up	4	TDEP;1	10B
	10769.50 ft	10553.58 ft				

File Header File: **FCS_ILS_DEFT_GMS_067PUP** Sequence: **9**

Defining Origin: 35

File ID: FCS_ILS_DEFT_GMS_067PUP File Type: PLAYBACK
Producer Name: Schlumberger Product/Version: OP 17C0−154 File Set: 41 File Number: 61 14−AUG−2009 2:21:28

Company Name:	Esso Australia Pty Ltd
Well Name:	FTA A3
Field Name:	Gippsland Basin
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_067PUP** Sequence: **9**

No errors detected in file.

Well Site Data File: **FCS_ILS_DEFT_GMS_067PUP** Sequence: **9**

Origin: 35

Well Data

Company Name	Esso Australia Pty Ltd	CN
Well Name	FTA A3	WN
Field Name	Gippsland Basin	FN
Rig:	Prod 4 / Crane	CLAB, COUN

State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Bass Strait		FL
	Gippsland Basin		FL1
Longitude	148*16'36.62"E		LONG
Latitude	038*24'31.39"S		LATI
Maximum Hole Deviation	56.9 (deg)		MHD
Elevation of Kelly Bushing	34.5 (m)		EKB
Elevation of Ground Level	−69.0 (m)		EGL
Elevation of Derrick Floor	34.5 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 69.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum −69.0 (m)	LMF, APD
Drilling Measured From	D.F		DMF

Absent Valued Parameters: CN1, CONT, FL2, SECT, TOWN, RANG, APIN, SON

Job Data

Date as Month−Day−Year	10−Aug−2009		DATE
Run Number	1		RUN
Total Depth − Driller	3374.0 (m)		TDD
Total Depth − Logger	3284.0 (m)		TDL
Bottom Log Interval	3284.0 (m)		BLI
Top Log Interval	3245.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	2287.0 (m)		CDF
Casing Depth To	3372.0 (m)		CADT
Casing Grade	N−80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	2425.8 (m)		BSDF
Bit Size Depth To	3374.0 (m)		BSDT
Date Logger At Bottom	10−Aug−2009	Time Logger At Bottom 10:40	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location AUSL	LUN, LUL
Engineer's Name	Owen D & Shannon G		ENGI
Witness's Name	Donald Broomfield , John Digiovanni		WITN

Absent Valued Parameters: SON

Mud Data

Drilling Fluid Type	Production fluids		DFT
Drilling Fluid Density	1.01 (g/cm3)		DFD
Maximum Recorded Temperature	224.0 (degF)		MRT
	224.0 (degF)		MRT1
Date Logger At Bottom	10−Aug−2009	Time Logger At Bottom 10:40	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

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

Remarks

Correlated to ExxonMobil Petrophysical composite log provided by cleint	R1
Objective:	R2
Prepare PLT toolstring incorporating pressure, temperture, GR, CCL, dual DEFT	R3
inline and fullbore spinners, RIH correlate GR on depth using composite log	R4
conduct three sets of up and down shut in passes @ 5m/min, 10m/min, 20m/min and	R5
30m/min as per ExxonMobil prodction logging protocol to determine the presents	R6
of cross flow and calibrate spinners.	R7
RIH to HUD start station log, flow well and wait for stabilzation	R8
Conduct three sets of up and down flowing passes @ 5m/min, 10m/min, 20m/min and	R9
30m/min. POOH	R10
−SBHT : 3303 psia, SBHP: 224 DegF @ 3280m MDKB	R11
−FBHT : 2996 psia, FBHT: 224 DegF @ 3280m MDKB	R12
PLT Tool's became stup on bottom after the 2nd pass , once the tool's came free the logging program was abandoned.	R13
Results from test separator during PLT survey:	R14
XXXX Kl/dOil , XXXXX Km3/dGas, XXXXX Water	R15
Crew: John L & Andrew P − Nights, Nathan S & Daniel H − Days	R17

Other Services

2 1/8" EnerJet Perf	OS1
7" MPBT Plug setting	OS2
Cement dump bailers	OS3

Frame Summary

File: **FCS_ILS_DEFT_GMS_067PUP** Sequence: **9**

Origin: 35

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3284.83 m 10777.00 ft	3227.07 m 10587.50 ft	−60.0 (0.1 in) up	95	TDEP	60B
BOREHOLE−DEPTH	3284.83 m 10777.00 ft	3227.10 m 10587.58 ft	−10.0 (0.1 in) up	7	TDEP;1	10B

File Header

File: **FCS_ILS_DEFT_GMS_068PUP** Sequence: **10**

Defining Origin: 35

File ID: FCS_ILS_DEFT_GMS_068PUP File Type: PLAYBACK
Producer Name: Schlumberger Product/Version: OP 17C0−154 File Set: 41 File Number: 62 14−AUG−2009 2:22:29

Company Name: Esso Australia Pty Ltd
Well Name: FTA A3
Field Name: Gippsland Basin
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_068PUP** Sequence: **10**

No errors detected in file.

Well Site Data

File: **FCS_ILS_DEFT_GMS_068PUP** Sequence: **10**

Origin: 35

Well Data

Company Name	Esso Australia Pty Ltd		CN
Well Name	FTA A3		WN
Field Name	Gippsland Basin		FN
Rig:	Prod 4 / Crane		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Bass Strait		FL
	Gippsland Basin		FL1
Longitude	148*16'36.62"E		LONG
Latitude	038*24'31.39"S		LATI
Maximum Hole Deviation	56.9 (deg)		MHD
Elevation of Kelly Bushing	34.5 (m)		EKB
Elevation of Ground Level	−69.0 (m)		EGL
Elevation of Derrick Floor	34.5 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 69.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum −69.0 (m)	LMF, APD
Drilling Measured From	D.F		DMF

Absent Valued Parameters: CN1, CONT, FL2, SECT, TOWN, RANG, APIN, SON

Job Data

Date as Month−Day−Year	10−Aug−2009		DATE
Run Number	1		RUN
Total Depth − Driller	3374.0 (m)		TDD
Total Depth − Logger	3284.0 (m)		TDL
Bottom Log Interval	3284.0 (m)		BLI
Top Log Interval	3245.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	2287.0 (m)		CDF
Casing Depth To	3372.0 (m)		CADT
Casing Grade	N−80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	2425.8 (m)		BSDF
Bit Size Depth To	3374.0 (m)		BSDT
Date Logger At Bottom	10−Aug−2009	Time Logger At Bottom 10:40	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location AUSL	LUN, LUL
Engineer's Name	Owen D & Shannon G		ENGI

Engineer's Name	Owen D & Shannon G	ENGI
Witness's Name	Donald Broomfield , John Digiovanni	WITN

Absent Valued Parameters: SON

Mud Data

Drilling Fluid Type	Production fluids		DFT
Drilling Fluid Density	1.01 (g/cm3)		DFD
Maximum Recorded Temperature	224.0 (degF)		MRT
	224.0 (degF)		MRT1
Date Logger At Bottom	10−Aug−2009	Time Logger At Bottom 10:40	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

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

Remarks

Correlated to ExxonMobil Petrophysical composite log provided by cleint	R1
Objective:	R2
Prepare PLT toolstring incorporating pressure, temperture, GR, CCL, dual DEFT	R3
inline and fullbore spinners, RIH correlate GR on depth using composite log	R4
conduct three sets of up and down shut in passes @ 5m/min, 10m/min, 20m/min and	R5
30m/min as per ExxonMobil prodction logging protocol to determine the presents	R6
of cross flow and calibrate spinners.	R7
RIH to HUD start station log, flow well and wait for stabilzation	R8
Conduct three sets of up and down flowing passes @ 5m/min, 10m/min, 20m/min and	R9
30m/min. POOH	R10
−SBHT : 3303 psia, SBHP: 224 DegF @ 3280m MDKB	R11
−FBHT : 2996 psia, FBHT: 224 DegF @ 3280m MDKB	R12
PLT Tool's became stup on bottom after the 2nd pass , once the tool's came free the logging program was abandoned.	R13
Results from test separator during PLT survey:	R14
XXXX Kl/dOil , XXXXX Km3/dGas, XXXXX Water	R15
Crew: John L & Andrew P − Nights, Nathan S & Daniel H − Days	R17

Other Services

2 1/8" EnerJet Perf	OS1
7" MPBT Plug setting	OS2
Cement dump bailers	OS3

Frame Summary

File: **FCS_ILS_DEFT_GMS_068PUP** Sequence: **10**

Origin: 35

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3282.39 m	3224.33 m	−60.0 (0.1 in) up	95	TDEP	60B
	10769.00 ft	10578.50 ft				
BOREHOLE−DEPTH	3282.39 m	3224.35 m	−10.0 (0.1 in) up	4	TDEP;1	10B
	10769.00 ft	10578.58 ft				

File Header

File: **FCS_ILS_DEFT_GMS_069PUP** Sequence: **11**

Defining Origin: 35

File ID: FCS_ILS_DEFT_GMS_069PUP File Type: PLAYBACK
Producer Name: Schlumberger Product/Version: OP 17C0−154 File Set: 41 File Number: 63 14−AUG−2009 2:23:00

Company Name:	Esso Australia Pty Ltd
Well Name:	FTA A3
Field Name:	Gippsland Basin
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_069PUP** Sequence: **11**

No errors detected in file.

Well Site Data

File: **FCS_ILS_DEFT_GMS_069PUP** Sequence: **11**

Origin: 35

Well Data

Company Name	Esso Australia Pty Ltd			CN
Well Name	FTA A3			WN
Field Name	Gippsland Basin			FN
Rig:	Prod 4 / Crane			CLAB, COUN
State:	Victoria			SLAB, STAT
Nation	Australia			NATI
Field Location	Bass Strait			FL
	Gippsland Basin			FL1
Longitude	148*16'36.62"E			LONG
Latitude	038*24'31.39"S			LATI
Maximum Hole Deviation	56.9 (deg)			MHD
Elevation of Kelly Bushing	34.5 (m)			EKB
Elevation of Ground Level	−69.0 (m)			EGL
Elevation of Derrick Floor	34.5 (m)			EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum	69.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum	−69.0 (m)	LMF, APD
Drilling Measured From	D.F			DMF

Absent Valued Parameters: CN1, CONT, FL2, SECT, TOWN, RANG, APIN, SON

Job Data

Date as Month−Day−Year	10−Aug−2009			DATE
Run Number	1			RUN
Total Depth − Driller	3374.0 (m)			TDD
Total Depth − Logger	3284.0 (m)			TDL
Bottom Log Interval	3284.0 (m)			BLI
Top Log Interval	3245.0 (m)			TLI
Current Casing Size	7.00 (in)			CSIZ
Casing Depth From	2287.0 (m)			CDF
Casing Depth To	3372.0 (m)			CADT
Casing Grade	N−80			CASG
Casing Weight	26.0 (lbm/ft)			CWEI
Bit Size	8.50 (in)			BS
Bit Size Depth From	2425.8 (m)			BSDF
Bit Size Depth To	3374.0 (m)			BSDT
Date Logger At Bottom	10−Aug−2009	Time Logger At Bottom	10:40	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	AUSL	LUN, LUL
Engineer's Name	Owen D & Shannon G			ENGI
Witness's Name	Donald Broomfield , John Digiovanni			WITN

Absent Valued Parameters: SON

Mud Data

Drilling Fluid Type	Production fluids			DFT
Drilling Fluid Density	1.01 (g/cm3)			DFD
Maximum Recorded Temperature	224.0 (degF)			MRT
	224.0 (degF)			MRT1
Date Logger At Bottom	10−Aug−2009	Time Logger At Bottom	10:40	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

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

Remarks

Correlated to ExxonMobil Petrophysical composite log provided by cleint	R1
Objective:	R2
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30m/min as per ExxonMobil prodction logging protocol to determine the presents	R6
of cross flow and calibrate spinners.	R7
RIH to HUD start station log, flow well and wait for stabilzation	R8
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30m/min. POOH	R10
−SBHT : 3303 psia, SBHP: 224 DegF @ 3280m MDKB	R11
−FBHT : 2996 psia, FBHT: 224 DegF @ 3280m MDKB	R12
PLT Tool's became stup on bottom after the 2nd pass , once the tool's came free the logging program was abandoned.	R13
Results from test separator during PLT survey:	R14
XXXX Kl/dOil , XXXXX Km3/dGas, XXXXX Water	R15
Crew: John L & Andrew P – Nights, Nathan S & Daniel H – Days	R17

Crew: John L & Andrew T Nights, Nathan S & Daniel H Days R17

Other Services

2 1/8" EnerJet Perf	OS1
7" MPBT Plug setting	OS2
Cement dump bailers	OS3

Frame Summary

File: **FCS_ILS_DEFT_GMS_069PUP** Sequence: **11**

Origin: 35

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	3284.52 m 10776.00 ft	3226.00 m 10584.00 ft	−60.0 (0.1 in) up	95	TDEP	60B
BOREHOLE−DEPTH	3284.52 m 10776.00 ft	3226.03 m 10584.08 ft	−10.0 (0.1 in) up	7	TDEP;1	10B

Schlumberger

Verification Listing

Listing Completed: 14−AUG−2009 17:28:17