

Input Source: D:\OP_Folder\Clients\Eso2008\BMA_A5a\CCLL\COMP_MWPT_MPBT_COMP_071.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **PERFO_012LUP** Sequence: **1**

Defining Origin: 17

File ID: PERFO_012LUP File Type: DEPTH LOG

Producer Name: Schlumberger Product/Version: OP 15C0-309 File Set: 41 File Number: 10 7-MAY-2008 0:11:43

Company Name: Esso Australia Pty Ltd.
Well Name: A-5a
Field Name: Bream A
Tool String: MWP_GUN, MWPT-CA, MWGT-AA
Computations: WELLCAD, BORDYN

Error Summary File: **PERFO_012LUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **PERFO_012LUP** Sequence: **1**

Origin: 17

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-5a	WN
Field Name	Bream A	FN
Rig :	Prod4 / Crane	CLAB, COUN
State :	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	58.4 (deg)	MHD
Elevation of Kelly Bushing	33.5 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	33.5 (m)	EDF
Permanent Datum	M.S.L	PDAT, EPD
Log Measured From	D.F	LMF, APD
Drilling Measured From	D.F	DMF
	Elevation of Permanent Datum 0.0 (m)	
	Above Permanent Datum 33.5 (m)	

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

Job Data

Date as Month-Day-Year	7-May-2008	DATE
Run Number	1 thru 3	RUN
Total Depth - Driller	2810.0 (m)	TDD
Total Depth - Logger	2687.0 (m)	TDL
Bottom Log Interval	2664.8 (m)	BLI
Top Log Interval	2661.3 (m)	TLI
Current Casing Size	3.50 (in)	CSIZ
Casing Depth From	11.7 (m)	CDF
Casing Depth To	2470.3 (m)	CADT
Casing Grade	13CR-80	CASG
Casing Weight	9.20 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	11.7 (m)	BSDF
Bit Size Depth To	2810.0 (m)	BSDT
Date Logger At Bottom	5-May-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	G Wright & O Darby	ENGI
Witness's Name	B White, J Dean	WITN
	Time Logger At Bottom 8:00	
	Logging Unit Location Prod4 / Ausl	

Absent Valued Parameters: SON

Mud Data

Drilling Fluid Type

Maximum Recorded Temperature

Date Logger At Bottom

Production Fluids

208.0 (degF)

208.0 (degF)

5-May-2008

Time Logger At Bottom

8:00

DFT

MRT

MRT1

DLAB, TLAB

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

PVT Data

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

Cement Data

Cement Job Type

Primary

CJT

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

Remarks

Log correlated to ExxonMobil composite supplied with logging program.

Maximum well deviation = 58 degrees at 2810.0 MDKB.

Objective:

RIH with perforating gun, correlate guns on depth to Solar composite log.

Locate gun over perforation interval = 2661.3m – 2664.8m attempt to create a

300 psi underbalance whilst maintaining the gun at the desired depth, record

static bottom hole pres/ temp, perforate, flow the well for 15 mins after

perforation and record flowing pres/ temp.

SBHT = XXX DegF, SBHP = XXXXX Psi / FBHT = XXX DegF, FBHP XXXXX Psi

MPBT Plug

RIH with dummy plug toolstring incorporating GR-CCL ensure access to plug

setting depth. Run MPBT toolstring in hole with a 7" plug set with the plugs

top sealing element at approximately 2677.0m MDKB.

RIH with dump balier toolstring and lightly tag MPBT plug pull up one meter

and release water / cement leaving approximately 1.0m of cement on the plug.

Crew : J Light, A McLeallan

R1

R2

R3

R4

R5

R6

R7

R8

R9

R10

R11

R12

R13

R14

R15

R17

Other Services

None

OS1

Frame Summary File: PERFO_012LUP Sequence: 1						
Origin: 17						
<div>Index Type</div>	<div>Start</div>	<div>Stop</div>	<div>Spacing</div>	<div>Channels</div>	<div>Index Channel</div>	<div>Frame Name</div>
BOREHOLE-DEPTH	2673.10	2603.91 m	-60.0 (0.1 in) up	22	TDEP	60B
	8770.00	8543.00 ft				
BOREHOLE-DEPTH	2673.10	2603.93 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	8770.00	8543.08 ft				

File Header

File: PERFO_013LUP

Sequence: 2

Defining Origin: 24

File ID: PERFO_013LUP File Type: DEPTH LOG

Producer Name: Schlumberger Product/Version: OP 15C0-309 File Set: 41 File Number: 11 7-MAY-2008 0:21:45

Company Name: Esso Australia Pty Ltd.

Well Name: A-5a

Field Name: Bream A

Tool String: MWP_GUN, MWPT-CA, MWGT-AA

Computations: WELLCAD, BORDYN

Error Summary File: PERFO_013LUP Sequence: 2
No errors detected in file.

Well Site Data

File: PERFO_013LUP

Sequence: 2

Origin: 24

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-5a	WN
Field Name	Bream A	FN
Rig :	Prod4 / Crane	CLAB, COUN
State :	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	58.4 (deg)	MHD
Elevation of Kelly Bushing	33.5 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	33.5 (m)	EDF
Permanent Datum	M.S.L	PDAT, EPD
Log Measured From	D.F	LMF, APD
Drilling Measured From	D.F	DMF
	Elevation of Permanent Datum 0.0 (m)	
	Above Permanent Datum 33.5 (m)	

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

Job Data

Date as Month-Day-Year	7-May-2008	DATE
Run Number	1 thru 3	RUN
Total Depth - Driller	2810.0 (m)	TDD
Total Depth - Logger	2687.0 (m)	TDL
Bottom Log Interval	2664.8 (m)	BLI
Top Log Interval	2661.3 (m)	TLI
Current Casing Size	3.50 (in)	CSIZ
Casing Depth From	11.7 (m)	CDF
Casing Depth To	2470.3 (m)	CADT
Casing Grade	13CR-80	CASG
Casing Weight	9.20 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	11.7 (m)	BSDF
Bit Size Depth To	2810.0 (m)	BSDT
Date Logger At Bottom	5-May-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	G Wright & O Darby	ENGI
Witness's Name	B White, J Dean	WITN
	Time Logger At Bottom 8:00	
	Logging Unit Location Prod4 / Ausl	

Absent Valued Parameters: SON

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	208.0 (degF)	MRT
	208.0 (degF)	MRT1
Date Logger At Bottom	5-May-2008	DLAB, TLAB
	Time Logger At Bottom 8:00	

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

PVT Data

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

Cement Data

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

Remarks

Log correlated to ExxonMobil composite supplied with logging program.	R1
Maximum well deviation = 58 degrees at 2810.0 MDKB.	R2
Objective:	R3
RIH with perforating gun, correlate guns on depth to Solar composite log.	R4
Locate gun over perforation interval = 2661.3m - 2664.8m attempt to create a	R5
300 psi underbalance whilst maintaining the gun at the desired depth, record	R6
static bottom hole pres/ temp, perforate, flow the well for 15 mins after	R7
perforation and record flowing pres/ temp.	R8
SBHT = XXX DegF, SBHP = XXXXX Psi / FBHT = XXX DegF, FBHP XXXXX Psi	R9
MPBT Plug	R10
RIH with dummy plug toolstring incorporating GR-CCL ensure access to plug	R11
setting depth. Run MPBT toolstring in hole with a 7" plug set with the plugs	R12
top sealing element at approximately 2677.0m MDKB.	R13
RIH with dump balier toolstring and lightly tag MPBT plug pull up one meter	R14
and release water / cement leaving approximately 1.0m of cement on the plug.	R15
Crew : J Light, A McLeallan	R17

Other Services

None	OS1
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Frame Summary File: PERFO_013LUP Sequence: 2						
Origin: 24						
<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	2671.72 8765.50	2606.80 m 8552.50 ft	-60.0 (0.1 in) up	22	TDEP	60B
BOREHOLE-DEPTH	2671.72 8765.50	2606.83 m 8552.58 ft	-10.0 (0.1 in) up	10	TDEP,1	10B

File Header		File: PERFO_014LTP	Sequence: 3
Defining Origin: 24			
File ID: PERFO_014LTP File Type: STATION			
Producer Name: Schlumberger		Product/Version: OP 15C0-309	File Set: 41
		File Number: 12	7-MAY-2008 0:26:18
Company Name:	Esso Australia Pty Ltd.		
Well Name:	A-5a		
Field Name:	Bream A		
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA		
Computations:	WELLCAD, BORDYN		

Error Summary File: PERFO_014LTP Sequence: 3		
No errors detected in file.		

Well Site Data File: PERFO_014LTP Sequence: 3		
Origin: 24		
Well Data		
Company Name		Esso Australia Pty Ltd. CN
Well Name		A-5a WN
Field Name		Bream A FN
Rig :		Prod4 / Crane CLAB, COUN
State :		Victoria SLAB, STAT
Nation		Australia NATI
Field Location		Gippsland FL
		Basin FL1
		Bass Strait FL2
Longitude		147 46'15"E LONG
Latitude		038 30'04"S LATI
Maximum Hole Deviation		58.4 (deg) MHD
Elevation of Kelly Bushing		33.5 (m) EKB
Elevation of Ground Level		-59.0 (m) EGL
Elevation of Derrick Floor		33.5 (m) EDF
Permanent Datum		M.S.L. PDAT, EPD
Log Measured From		D.F LMF, APD
Drilling Measured From		D.F DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN, SON		
Job Data		
Date as Month-Day-Year		7-May-2008 DATE
Run Number		1 thru 3 RUN
Total Depth - Driller		2810.0 (m) TDD
Total Depth - Logger		2687.0 (m) TDL
Bottom Log Interval		2664.8 (m) BLI
Top Log Interval		2661.3 (m) TLI
Current Casing Size		3.50 (in) CSIZ
Casing Depth From		11.7 (m) CDF
Casing Depth To		2470.3 (m) CADT
Casing Grade		13CR-80 CASG
Casing Weight		9.20 (lbm/ft) CWEI
Bit Size		8.50 (in) BS
Bit Size Depth From		11.7 (m) BSDF

Bit Size Depth To	2810.0 (m)	Time Logger At Bottom	8:00	BSDT
Date Logger At Bottom	5-May-2008	Logging Unit Location	Prod4 / Ausl	DLAB, TLAB
Logging Unit Number	889			LUN, LUL
Engineer's Name	G Wright & O Darby			ENGI
Witness's Name	B White, J Dean			WITN
Absent Valued Parameters: SON				
Mud Data				
Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	208.0 (degF)			MRT
	208.0 (degF)			MRT1
Date Logger At Bottom	5-May-2008	Time Logger At Bottom	8:00	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 composite supplied with logging program.				R1
Maximum well deviation = 58 degrees at 2810.0 MDKB.				R2
Objective:				R3
RIH with perforating gun, correlate guns on depth to Solar composite log.				R4
Locate gun over perforation interval = 2661.3m – 2664.8m attempt to create a				R5
300 psi underbalance whilst maintaining the gun at the desired depth, record				R6
static bottom hole pres/ temp, perforate, flow the well for 15 mins after				R7
perforation and record flowing pres/ temp.				R8
SBHT = XXX DegF, SBHP = XXXXX Psi / FBHT = XXX DegF, FBHP XXXXX Psi				R9
MPBT Plug				R10
RIH with dummy plug toolstring incorporating GR-CCL ensure access to plug				R11
setting depth. Run MPBT toolstring in hole with a 7" plug set with the plugs				R12
top sealing element at approximately 2677.0m MDKB.				R13
RIH with dump balier toolstring and lightly tag MPBT plug pull up one meter				R14
and release water / cement leaving approximately 1.0m of cement on the plug.				R15
Crew : J Light, A McLeallan				R17
Other Services				
None				OS1

Frame Summary File: PERFO_014LTP Sequence: 3						
Origin: 24						
<u>Index Type</u>	<u>Start</u>	<u>Stop</u>	<u>Spacing</u>	<u>Channels</u>	<u>Index Channel</u>	<u>Frame Name</u>
TIME	304.38	1180.38 s	2000.0 (0.5 ms)	7	TIME;2	2000T
TIME	304.38	1180.88 s	1000.0 (0.5 ms)	14	TIME;4	1000T
TIME	304.38	1181.13 s	500.0 (0.5 ms)	4	TIME;5	500T

File Header		File: PERFO_036PUP	Sequence: 4			
Defining Origin: 28						
File ID: PERFO_036PUP						File Type: PLAYBACK
Producer Name: Schlumberger		Product/Version: OP 15C0-309		File Set: 41	File Number: 34	7-MAY-2008 4:03:32
Company Name:		Esso Australia Pty Ltd.				
Well Name:		A-5a				
Field Name:		Bream A				
Tool String:		MWP_GUN, MWPT-CA, MWGT-AA				
Computations:		WELLCAD, BORDYN				

Error Summary File: PERFO_036PUP Sequence: 4		
No errors detected in file.		

Well Site Data File: PERFO_036PUP Sequence: 4		
Origin: 28		
Well Data		
Company Name	Esso Australia Pty Ltd.	CN

Well Name	A-5a		WN
Field Name	Bream A		FN
Rig :	Prod4 / Crane		CLAB, COUN
State :	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Longitude	147 46'15"E		LONG
Latitude	038 30'04"S		LATI
Maximum Hole Deviation	58.4 (deg)		MHD
Elevation of Kelly Bushing	33.5 (m)		EKB
Elevation of Ground Level	-59.0 (m)		EGL
Elevation of Derrick Floor	33.5 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum	0.0 (m)
Log Measured From	D.F	Above Permanent Datum	33.5 (m)
Drilling Measured From	D.F		PDAT, EPD
			LMF, APD
			DMF

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

Job Data

Date as Month-Day-Year	7-May-2008		DATE
Run Number	1 thru 3		RUN
Total Depth – Driller	2810.0 (m)		TDD
Total Depth – Logger	2687.0 (m)		TDL
Bottom Log Interval	2664.8 (m)		BLI
Top Log Interval	2661.3 (m)		TLI
Current Casing Size	3.50 (in)		CSIZ
Casing Depth From	11.7 (m)		CDF
Casing Depth To	2470.3 (m)		CADT
Casing Grade	13CR-80		CASG
Casing Weight	9.20 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	11.7 (m)		BSDF
Bit Size Depth To	2810.0 (m)		BSDT
Date Logger At Bottom	5-May-2008	Time Logger At Bottom	8:00
Logging Unit Number	889	Logging Unit Location	Prod4 / Ausl
Engineer's Name	G Wright & O Darby		DLAB, TLAB
Witness's Name	B White, J Dean		LUN, LUL
			ENGI
			WITN

Absent Valued Parameters: SON

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	208.0 (degF)		MRT
	208.0 (degF)		MRT1
Date Logger At Bottom	5-May-2008	Time Logger At Bottom	8:00
			DLAB, TLAB

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

PVT Data

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

Cement Data

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

Remarks

Log correlated to ExxonMobil composite supplied with logging program.	R1
Maximum well deviation = 58 degrees at 2810.0 MDKB.	R2
Objective:	R3
RIH with perforating gun, correlate guns on depth to Solar composite log.	R4
Locate gun over perforation interval = 2661.3m – 2664.8m attempt to create a	R5
300 psi underbalance whilst maintaining the gun at the desired depth, record	R6
static bottom hole pres/ temp, perforate, flow the well for 15 mins after	R7
perforation and record flowing pres/ temp.	R8
SBHT = XXX DegF, SBHP = XXXXX Psi / FBHT = XXX DegF, FBHP XXXXX Psi	R9
MPBT Plug	R10
RIH with dummy plug toolstring incorporating GR-CCL ensure access to plug	R11
setting depth. Run MPBT toolstring in hole with a 7" plug set with the plugs	R12
top sealing element at approximately 2677.0m MDKB.	R13
RIH with dump balier toolstring and lightly tag MPBT plug pull up one meter	R14
and release water / cement leaving approximately 1.0m of cement on the plug.	R15
Crew : J Light, A McLeallan	R17

Other Services

None	OS1
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Origin: 28

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2696.26 8846.00	2417.37 m 7931.00 ft	-60.0 (0.1 in) up	22	TDEP	60B
BOREHOLE-DEPTH	2696.26 8846.00	2417.39 m 7931.08 ft	-10.0 (0.1 in) up	10	TDEP;1	10B

File Header

File: MPBT_046LUP Sequence: 5

Defining Origin: 91

File ID: MPBT_046LUP File Type: DEPTH LOG

Producer Name: Schlumberger

Product/Version: OP 15C0-309

File Set: 41

File Number: 44

7-MAY-2008 9:16:14

Company Name: Esso Australia Pty Ltd.

Well Name: A-5a

Field Name: Bream A

Tool String: MPEX-AA, MPSU-CA, CCL-I

Computations: WELLCAD, BORDYN

Error Summary

File: MPBT_046LUP Sequence: 5

No errors detected in file.

Well Site Data

File: MPBT_046LUP Sequence: 5

Origin: 91

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-5a	WN
Field Name	Bream A	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	Ausl08509112	SON
Longitude	147 46'15.7"E	LONG
Latitude	038 30'2.5"S	LATI
Maximum Hole Deviation	58.4 (deg)	MHD
Elevation of Kelly Bushing	33.5 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	33.5 (m)	EDF
Permanent Datum	M.S.L	PDAT, EPD
Log Measured From	D.F	LMF, APD
Drilling Measured From	D.F	DMF
	Elevation of Permanent Datum	0.0 (m)
	Above Permanent Datum	33.5 (m)

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

Job Data

Date as Month-Day-Year	7-May-2008	DATE
Run Number	1 thru 5	RUN
Total Depth - Driller	2810.0 (m)	TDD
Total Depth - Logger	2687.0 (m)	TDL
Bottom Log Interval	2664.8 (m)	BLI
Top Log Interval	2661.3 (m)	TLI
Current Casing Size	3.50 (in)	CSIZ
Casing Depth From	11.7 (m)	CDF
Casing Depth To	2470.3 (m)	CADT
Casing Grade	13CR-80	CASG
Casing Weight	9.20 (lbm/ft)	CWEI

Bit Size	8.50 (in)				BS
Bit Size Depth From	11.7 (m)				BSDF
Bit Size Depth To	2810.0 (m)				BSDT
Date Logger At Bottom	7–May–2008	Time Logger At Bottom	8:00		DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	Prod4 / Ausl		LUN, LUL
Engineer's Name	G Wright & O Darby				ENGI
Witness's Name	B White, J Dean				WITN
Service Order Number	Ausl08509112				SON
Mud Data					
Drilling Fluid Type	Production Fluids				DFT
Maximum Recorded Temperature	210.0 (degF)				MRT
	210.0 (degF)				MRT1
Date Logger At Bottom	7–May–2008	Time Logger At Bottom	8:00		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 composite supplied with logging program.					R1
Maximum well deviation = 58 degrees at 2773.0 MDKB.					R2
Objective:					R3
RIH with perforating gun, correlate guns on depth to Solar composite log.					R4
Locate gun over perforation interval = 2661.3m – 2664.8m attempt to create a					R5
300 psi underbalance whilst maintaining the gun at the desired depth, record					R6
static bottom hole pres/ temp, perforate, flow the well for 15 mins after					R7
perforation and record flowing pres/ temp.					R8
SBHT = 209 DegF, SBHP = 2564 Psia/ FBHT = 210 DegF, FBHP 2597 Psia					R9
MPBT Plug					R10
RIH with dummy plug toolstring incorporating GR–CCL ensure access to plug					R11
setting depth. Run MPBT toolstring in hole with a 7" plug set with the plugs					R12
top sealing element at approximately 2677.0m MDKB.					R13
RIH with dump balier toolstring and lightly tag MPBT plug pull up one meter					R14
and release water / cement leaving approximately 1.0m of cement on the plug.					R15
Crew : J Light, A McLellan					R17
Other Services					
None					OS1

Frame Summary	File: MPBT_046LUP	Sequence: 5
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Origin: 91						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE–DEPTH	2646.88	2535.33 m	–60.0 (0.1 in) up	11	TDEP	60B
	8684.00	8318.00 ft				
BOREHOLE–DEPTH	2646.88	2535.35 m	–10.0 (0.1 in) up	7	TDEP;1	10B
	8684.00	8318.08 ft				

File Header	File: MPBT_048LUP	Sequence: 6
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Defining Origin: 91					
File ID: MPBT_048LUP File Type: DEPTH LOG					
Producer Name: Schlumberger		Product/Version: OP 15C0–309	File Set: 41	File Number: 46	7–MAY–2008 9:34:31
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A–5a				
Field Name:	Bream A				
Tool String:	MPEX–AA, MPSU–CA, CCL–I				
Computations:	WELLCAD, BORDYN				

Error Summary	File: MPBT_048LUP	Sequence: 6
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No errors detected in file					
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Well Site DataFile: **MPBT_048LUP** Sequence: **6****Origin: 91****Well Data**

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-5a	WN
Field Name	Bream A	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	AusI08509112	SON
Longitude	147 46'15.7"E	LONG
Latitude	038 30'2.5"S	LATI
Maximum Hole Deviation	58.4 (deg)	MHD
Elevation of Kelly Bushing	33.5 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	33.5 (m)	EDF
Permanent Datum	M.S.L	PDAT, EPD
Log Measured From	D.F	LMF, APD
Drilling Measured From	D.F	DMF
	Elevation of Permanent Datum 0.0 (m)	
	Above Permanent Datum 33.5 (m)	

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

Job Data

Date as Month-Day-Year	7-May-2008	DATE
Run Number	1 thru 5	RUN
Total Depth - Driller	2810.0 (m)	TDD
Total Depth - Logger	2687.0 (m)	TDL
Bottom Log Interval	2664.8 (m)	BLI
Top Log Interval	2661.3 (m)	TLI
Current Casing Size	3.50 (in)	CSIZ
Casing Depth From	11.7 (m)	CDF
Casing Depth To	2470.3 (m)	CADT
Casing Grade	13CR-80	CASG
Casing Weight	9.20 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	11.7 (m)	BSDF
Bit Size Depth To	2810.0 (m)	BSDT
Date Logger At Bottom	7-May-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	G Wright & O Darby	ENGI
Witness's Name	B White, J Dean	WITN
Service Order Number	AusI08509112	SON
	Time Logger At Bottom 8:00	
	Logging Unit Location Prod4 / AusI	

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	210.0 (degF)	MRT
	210.0 (degF)	MRT1
Date Logger At Bottom	7-May-2008	DLAB, TLAB
	Time Logger At Bottom 8:00	

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

PVT Data

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

Cement Data

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

Remarks

Log correlated to ExxonMobil composite supplied with logging program.	R1
Maximum well deviation = 58 degrees at 2773.0 MDKB.	R2
Objective:	R3
RIH with perforating gun, correlate guns on depth to Solar composite log.	R4
Locate gun over perforation interval = 2661.3m - 2664.8m attempt to create a	R5
300 psi underbalance whilst maintaining the gun at the desired depth, record	R6
static bottom hole pres/ temp, perforate, flow the well for 15 mins after	R7
perforation and record flowing pres/ temp.	R8
SBHT = 209 DegF, SBHP = 2564 Psia/ FBHT = 210 DegF, FBHP 2597 Psia	R9
MPBT Plug	R10
RIH with dummy plug toolstring incorporating GR-CCL ensure access to plug	R11
setting depth. Run MPBT toolstring in hole with a 7" plug set with the plugs	R12

Setting depth. Run MPBT toolstring in hole with a 7' plug set with the plugs top sealing element at approximately 2677.0m MDKB. RIH with dump balier toolstring and lightly tag MPBT plug pull up one meter and release water / cement leaving approximately 1.0m of cement on the plug. Crew : J Light, A McLellan							R12 R13 R14 R15 R17
Other Services							
None							OS1
Frame Summary							
File: MPBT_048LUP Sequence: 6							
Origin: 91							
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name	
BOREHOLE-DEPTH	12192.00	11761.93 m	-60.0 (0.1 in) up	11	TDEP	60B	
	40000.00	38589.00 ft					
BOREHOLE-DEPTH	12192.00	11761.95 m	-10.0 (0.1 in) up	4	TDEP;1	10B	
	40000.00	38589.08 ft					
File Header							
File: PERFO_058PUP Sequence: 7							
Defining Origin: 93							
File ID: PERFO_058PUP File Type: PLAYBACK							
Producer Name: Schlumberger Product/Version: OP 15C0-309 File Set: 41 File Number: 56 8-MAY-2008 2:08:16							
Company Name: Esso Australia Pty Ltd.							
Well Name: A-5a							
Field Name: Bream A							
Tool String: SHM_GUN, CCL-L							
Computations: WELLCAD, BORDYN							
Error Summary							
File: PERFO_058PUP Sequence: 7							
No errors detected in file.							
Well Site Data							
File: PERFO_058PUP Sequence: 7							
Origin: 93							
Well Data							
Company Name Esso Australia Pty Ltd. CN							
Well Name A-5a WN							
Field Name Bream A FN							
Rig : Prod4 / Crane CLAB, COUN							
State : Victoria SLAB, STAT							
Nation Australia NATI							
Field Location Gippsland FL							
Basin FL1							
Bass Strait FL2							
Longitude 147 46'15"E LONG							
Latitude 038 30'04"S LATI							
Maximum Hole Deviation 58.4 (deg) MHD							
Elevation of Kelly Bushing 33.5 (m) EKB							
Elevation of Ground Level -59.0 (m) EGL							
Elevation of Derrick Floor 33.5 (m) EDF							
Permanent Datum M.S.L Elevation of Permanent Datum 0.0 (m) PDAT, EPD							
Log Measured From D.F Above Permanent Datum 33.5 (m) LMF, APD							
Drilling Measured From D.F DMF							
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN, SON							
Job Data							
Date as Month-Day-Year 7-May-2008 DATE							
Run Number 1 thru 3 RUN							
Total Depth - Driller 2810.0 (m) TDD							
Total Depth - Logger 2687.0 (m) TDL							
Bottom Log Interval 2664.8 (m) BLI							
Top Log Interval 2661.3 (m) TLI							
Current Casing Size 3.50 (in) CSIZ							
Casing Depth From 11.7 (m) CDF							
Casing Depth To 2470.3 (m) CADT							
Casing Grade 13CR-80 CASG							
Casing Weight 9.20 (lbm/ft) CWEI							
Bit Size 8.50 (in) BS							
Bit Size Depth From 11.7 (m) BSDF							
Bit Size Depth To 2810.0 (m) BSDT							

Bit Size Depth To

Date Logger At Bottom

Logging Unit Number

Engineer's Name

Witness's Name

2810.0 (m)

5-May-2008

889

G Wright & O Darby

B White, J Dean

Time Logger At Bottom

Logging Unit Location

8:00

Prod4 / Ausl

BSD1

DLAB, TLAB

LUN, LUL

ENGI

WITN

Absent Valued Parameters: SON

Mud Data

Drilling Fluid Type

Maximum Recorded Temperature

Date Logger At Bottom

Production Fluids

208.0 (degF)

208.0 (degF)

5-May-2008

Time Logger At Bottom

8:00

DFT

MRT

MRT1

DLAB, TLAB

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

PVT Data

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

Cement Data

Cement Job Type

Primary

CJT

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

Remarks

Log correlated to ExxonMobil composite supplied with logging program.

Maximum well deviation = 58 degrees at 2810.0 MDKB.

Objective:

RIH with perforating gun, correlate guns on depth to Solar composite log.

Locate gun over perforation interval = 2661.3m – 2664.8m attempt to create a

300 psi underbalance whilst maintaining the gun at the desired depth, record

static bottom hole pres/ temp, perforate, flow the well for 15 mins after

perforation and record flowing pres/ temp.

SBHT = XXX DegF, SBHP = XXXXX Psi / FBHT = XXX DegF, FBHP XXXXX Psi

MPBT Plug

RIH with dummy plug toolstring incorporating GR-CCL ensure access to plug

setting depth. Run MPBT toolstring in hole with a 7" plug set with the plugs

top sealing element at approximately 2677.0m MDKB.

RIH with dump balier toolstring and lightly tag MPBT plug pull up one meter

and release water / cement leaving approximately 1.0m of cement on the plug.

Crew : J Light, A McLeallan

R1

R2

R3

R4

R5

R6

R7

R8

R9

R10

R11

R12

R13

R14

R15

R17

Other Services

None

OS1

Frame Summary File: PERFO_058PUP Sequence: 7						
Origin: 93						
<div>Index Type</div>	<div>Start</div>	<div>Stop</div>	<div>Spacing</div>	<div>Channels</div>	<div>Index Channel</div>	<div>Frame Name</div>
BOREHOLE-DEPTH	2666.54	2418.28 m	-60.0 (0.1 in) up	11	TDEP	60B
	8748.50	7934.00 ft				
BOREHOLE-DEPTH	2666.54	2418.31 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	8748.50	7934.08 ft				

File Header

File: PERFO_064LUP Sequence: 8

Defining Origin: 93

File ID: PERFO_064LUP File Type: DEPTH LOG

Producer Name: Schlumberger Product/Version: OP 15C0-309 File Set: 41 File Number: 62 8-MAY-2008 4:06:55

Company Name:

Well Name:

Field Name:

Tool String:

Computations:

Esso Australia Pty Ltd.

A-5a

Bream A

SHM_GUN, CCL-L

WELLCAD, BORDYN

Error Summary

File: PERFO_064LUP Sequence: 8

Well Site Data

File: PERFO_064LUP

Sequence: 8

Origin: 93

Well Data

Company Name	Esso Australia Pty Ltd.		CN
Well Name	A-5a		WN
Field Name	Bream A		FN
Rig :	Prod4 / Crane		CLAB, COUN
State :	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Longitude	147 46'15"E		LONG
Latitude	038 30'04"S		LATI
Maximum Hole Deviation	58.4 (deg)		MHD
Elevation of Kelly Bushing	33.5 (m)		EKB
Elevation of Ground Level	-59.0 (m)		EGL
Elevation of Derrick Floor	33.5 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum	0.0 (m) PDAT, EPD
Log Measured From	D.F	Above Permanent Datum	33.5 (m) LMF, APD
Drilling Measured From	D.F		DMF

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

Job Data

Date as Month-Day-Year	7-May-2008		DATE
Run Number	1 thru 3		RUN
Total Depth - Driller	2810.0 (m)		TDD
Total Depth - Logger	2687.0 (m)		TDL
Bottom Log Interval	2664.8 (m)		BLI
Top Log Interval	2661.3 (m)		TLI
Current Casing Size	3.50 (in)		CSIZ
Casing Depth From	11.7 (m)		CDF
Casing Depth To	2470.3 (m)		CADT
Casing Grade	13CR-80		CASG
Casing Weight	9.20 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	11.7 (m)		BSDF
Bit Size Depth To	2810.0 (m)		BSDT
Date Logger At Bottom	5-May-2008	Time Logger At Bottom	8:00 DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	Prod4 / Ausl LUN, LUL
Engineer's Name	G Wright & O Darby		ENGI
Witness's Name	B White, J Dean		WITN

Absent Valued Parameters: SON

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	208.0 (degF)		MRT
	208.0 (degF)		MRT1
Date Logger At Bottom	5-May-2008	Time Logger At Bottom	8:00 DLAB, TLAB

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

PVT Data

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

Cement Data

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

Remarks

Log correlated to ExxonMobil composite supplied with logging program.	R1
Maximum well deviation = 58 degrees at 2810.0 MDKB.	R2
Objective:	R3
RIH with perforating gun, correlate guns on depth to Solar composite log.	R4
Locate gun over perforation interval = 2661.3m - 2664.8m attempt to create a	R5
300 psi underbalance whilst maintaining the gun at the desired depth, record	R6
static bottom hole pres/ temp, perforate, flow the well for 15 mins after	R7
perforation and record flowing pres/ temp.	R8
SBHT = XXX DegF, SBHP = XXXXX Psi / FBHT = XXX DegF, FBHP XXXXX Psi	R9
MPBT Plug	R10
RIH with dummy plug toolstring incorporating GR-CCL ensure access to plug	R11
setting depth. Run MPBT toolstring in hole with the 7" plug set with the plug	R12

setting depth. Run MPBT toolstring in hole with a 7" plug set with the plugs
top sealing element at approximately 2677.0m MDKB.
RIH with dump balier toolstring and lightly tag MPBT plug pull up one meter
and release water / cement leaving approximately 1.0m of cement on the plug.
Crew : J Light, A McLeallan

R12
R13
R14
R15
R17

Other Services

None OS1

Frame Summary

File: PERFO_064LUP Sequence: 8

Origin: 93

<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	2668.52	2412.49 m	-60.0 (0.1 in) up	11	TDEP	60B
	8755.00	7915.00 ft				
BOREHOLE-DEPTH	2668.52	2412.52 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	8755.00	7915.08 ft				



Verification Listing

Listing Completed: 8-MAY-2008 5:52:55