

Input Source: D:\OP_Folder\Clients\Eso2007\BMA_A13a\GUN\COMP_A_13AGUN_COMP_070.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **PERFO_062LUP** Sequence: **1**

Defining Origin: 41

File ID: PERFO_062LUP File Type: DEPTH LOG

Producer Name: Schlumberger

Product/Version: OP 14C0-302

File Set: 41

File Number: 61

22-JUN-2007 12:46:50

Company Name: Esso Australia Pty Ltd.

Well Name: A-13a

Field Name: Bream A

Tool String: SHM_GUN, CCL-L

Computations: WELLCAD

Error Summary File: **PERFO_062LUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **PERFO_062LUP** Sequence: **1**

Origin: 41

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-13a	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	Ausl07328234	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	65.0 (deg)	MHD
Elevation of Kelly Bushing	32.2 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	32.2 (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 32.2 (m)	

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

Job Data

Date as Month-Day-Year	22-Jun-2007	DATE
Run Number	2 thru4	RUN
Total Depth - Driller	2585.0 (m)	TDD
Total Depth - Logger	2585.0 (m)	TDL
Bottom Log Interval	2585.0 (m)	BLI
Top Log Interval	2525.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	2291.6 (m)	CDF
Casing Depth To	2672.0 (m)	CADT
Casing Grade	Vam-Ace	CASG
Casing Weight	12.6 (lbm/ft)	CWEI
Bit Size	6.00 (in)	BS
Date Logger At Bottom	22-Jun-2007	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	G Wright & S Gilbert.	ENGI
Witness's Name	B White & B Robinson.	WITN
Service Order Number	Ausl07328234	SON
	Time Logger At Bottom 12:30	
	Logging Unit Location Prod4 / Ausl	

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	98.3 (degC)	MRT
	98.3 (degC)	MRT1
Date Logger At Bottom	22-Jun-2007	Time Logger At Bottom 12:30
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 = 65 degrees at 1113m MDKB.		R2
Objective:Perforate the well using a 1.5m 2 1/8" 45deg Phased Powerjet gun		R3
over the interval 2573.4m to 2574.9m MDKB. Set a 4.5"HPI Plug with top of seal		R4
@ 2578m MDKB.		R5
Befor Gun- SBHP: 2604 psia,SBHT:209 degf.		R6
After Gun- SBHP:2602 psia,SBHT: 210 degf.		R7
Top Shot @ 2573.4 m MDKB.		R8
CCL to Top Shot = 4.1 mtrs.		R9
CCL Stop Depth = 2569.3 m MDKB.		R10
Top of Seal @ 2578 m MDKB.		R11
CCL to Top of Seal = 10.2 mtrs.		R12
CCL Stop Depth = 2567.8 m MDKB.		R13
First attempt at setting HPI plug failed,ran again on the 22-Jun-2007.		R14
Crew : J Annear,J Light,P Lawrence,K Kerr.		R15
Other Services		
RST-C		OS1
Sigma Survey		OS2

Frame Summary File: PERFO_062LUP Sequence: 1						
Origin: 41						
<u>Index Type</u>	<u>Start</u>	<u>Stop</u>	<u>Spacing</u>	<u>Channels</u>	<u>Index Channel</u>	<u>Frame Name</u>
BOREHOLE-DEPTH	2572.05	2522.37 m	-60.0 (0.1 in) up	7	TDEP	60B
	8438.50	8275.50 ft				
BOREHOLE-DEPTH	2572.05	2522.40 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	8438.50	8275.58 ft				

File Header		File: PERFO_063LUP	Sequence: 2
Defining Origin: 41			
File ID: PERFO_063LUP		File Type: DEPTH LOG	
Producer Name: Schlumberger		Product/Version: OP 14C0-302	File Set: 41
		File Number: 62	22-JUN-2007 12:55:44
Company Name:	Esso Australia Pty Ltd.		
Well Name:	A-13a		
Field Name:	Bream A		
Tool String:	SHM_GUN, CCL-L		
Computations:	WELLCAD		

Error Summary File: PERFO_063LUP Sequence: 2		
No errors detected in file.		

Well Site Data File: PERFO_063LUP Sequence: 2		
Origin: 41		

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-13a	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	Ausl07328234	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	65.0 (deg)	MHD
Elevation of Kelly Bushing	32.2 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	32.2 (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 32.2 (m)	

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

Job Data

Date as Month-Day-Year	22-Jun-2007	DATE
Run Number	2 thru4	RUN
Total Depth - Driller	2585.0 (m)	TDD
Total Depth - Logger	2585.0 (m)	TDL
Bottom Log Interval	2585.0 (m)	BLI
Top Log Interval	2525.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	2291.6 (m)	CDF
Casing Depth To	2672.0 (m)	CADT
Casing Grade	Vam-Ace	CASG
Casing Weight	12.6 (lbm/ft)	CWEI
Bit Size	6.00 (in)	BS
Date Logger At Bottom	22-Jun-2007	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	G Wright & S Gilbert.	ENGI
Witness's Name	B White & B Robinson.	WITN
Service Order Number	Ausl07328234	SON
	Time Logger At Bottom 12:30	
	Logging Unit Location Prod4 / Ausl	

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	98.3 (degC)	MRT
	98.3 (degC)	MRT1
Date Logger At Bottom	22-Jun-2007	DLAB, TLAB
	Time Logger At Bottom 12:30	

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 = 65 degrees at 1113m MDKB.	R2
Objective:Perforate the well using a 1.5m 2 1/8" 45deg Phased Powerjet gun	R3
over the interval 2573.4m to 2574.9m MDKB. Set a 4.5"HPI Plug with top of seal	R4
@ 2578m MDKB.	R5
Before Gun- SBHP: 2604 psia,SBHT:209 degf.	R6
After Gun- SBHP:2602 psia,SBHT: 210 degf.	R7
Top Shot @ 2573.4 m MDKB.	R8
CCL to Top Shot = 4.1 mtrs.	R9
CCL Stop Depth = 2569.3 m MDKB.	R10
Top of Seal @ 2578 m MDKB.	R11
CCL to Top of Seal = 10.2 mtrs.	R12
CCL Stop Depth = 2567.8 m MDKB.	R13
First attempt at setting HPI plug failed,ran again on the 22-Jun-2007.	R14
Crew : J Annear,J Light,P Lawrence,K Kerr.	R15

Other Services

RST-C	OS1
Sigma Survey	OS2

Origin: 41

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2572.36	2535.33 m	-60.0 (0.1 in) up	7	TDEP	60B
	8439.50	8318.00 ft				
BOREHOLE-DEPTH	2572.36	2535.35 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	8439.50	8318.08 ft				

File: PERFO_065LUP Sequence: 3

Defining Origin: 41

File ID: PERFO_065LUP File Type: DEPTH LOG

Producer Name: Schlumberger Product/Version: OP 14C0-302 File Set: 41 File Number: 64 22-JUN-2007 13:24:29

Company Name: Esso Australia Pty Ltd.

Well Name: A-13a

Field Name: Bream A

Tool String: SHM_GUN, CCL-L

Computations: WELLCAD

Error Summary File: **PERFO_065LUP** Sequence: **3**

No errors detected in file.

Well Site Data File: **PERFO_065LUP** Sequence: **3**

Origin: 41

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-13a	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	Ausl07328234	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	65.0 (deg)	MHD
Elevation of Kelly Bushing	32.2 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	32.2 (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	22–Jun–2007	DATE
Run Number	2 thru4	RUN
Total Depth – Driller	2585.0 (m)	TDD
Total Depth – Logger	2585.0 (m)	TDL
Bottom Log Interval	2585.0 (m)	BLI
Top Log Interval	2525.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	2291.6 (m)	CDF
Casing Depth To	2672.0 (m)	CADT
Casing Grade	Vam–Ace	CASG
Casing Weight	12.6 (lbm/ft)	CWEI
Bit Size	6.00 (in)	BS

Absent Valued Parameters: BSDF, BSDF

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	98.3 (degC)	MRT
	98.3 (degC)	MRT1
Date Logger At Bottom	22-Jun-2007	Time Logger At Bottom 12:30
		DLAB, TLAB

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

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

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

Log correlated to ExxonMobil composite supplied with logging program.	R1
Maximum well deviation = 65 degrees at 1113m MDKB.	R2
Objective:Perforate the well using a 1.5m 2 1/8" 45deg Phased Powerjet gun	R3
over the interval 2573.4m to 2574.9m MDKB. Set a 4.5"HPI Plug with top of seal	R4
@ 2578m MDKB.	R5
Before Gun– SBHP: 2604 psia,SBHT:209 degf.	R6
After Gun– SBHP:2602 psia,SBHT: 210 degf.	R7
Top Shot @ 2573.4 m MDKB.	R8
CCL to Top Shot = 4.1 mtrs.	R9
CCL Stop Depth = 2569.3 m MDKB.	R10
Top of Seal @ 2578 m MDKB.	R11
CCL to Top of Seal = 10.2 mtrs.	R12
CCL Stop Depth = 2567.8 m MDKB.	R13
First attempt at setting HPI plug failed,ran again on the 22–Jun–2007.	R14
Crew : J Annear,J Light,P Lawrence,K Kerr.	R15

RST-C	OS1
Sigma Survey	OS2

File: **PERFO_065LUP** Sequence: **3**

<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	2570.23	2516.89 m	-60.0 (0.1 in) up	7	TDEP	60B
	8432.50	8257.50 ft				
BOREHOLE-DEPTH	2570.23	2516.91 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	8432.50	8257.58 ft				

File: **PERFO_032PUP** Sequence: **4**

File ID: PERFO_032PUP File Type: PLAYBACK
 Producer Name: Schlumberger Product/Version: OP 14C0-302 File Set: 41 File Number: 31 20-JUN-2007 10:23:22
 Company Name: Esso Australia Pty Ltd.
 Well Name: A-13a
 Field Name: Bream A
 Tool String: MWP_GUN, MWPT-CA, MWGT-AA
 Computations: WELLCAD, BORDYN

File: **PERFO_032PUP** Sequence: **4**

No errors detected in file.

File: **PERFO 032PUP** Sequence: **4**

Company Name	Ease Australia Pty Ltd	CN
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Company Name	Eso Australia Pty Ltd.	CN
Well Name	A-13a	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	Ausl07328214	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	65.0 (deg)	MHD
Elevation of Kelly Bushing	32.2 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	32.2 (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 32.2 (m)		

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

Job Data

Date as Month–Day–Year	20–Jun–2007		DATE
Run Number	2 – 4		RUN
Total Depth – Driller	2585.0 (m)		TDD
Total Depth – Logger	2585.0 (m)		TDL
Bottom Log Interval	2585.0 (m)		BLI
Top Log Interval	2525.0 (m)		TLI
Current Casing Size	4.50 (in)		CSIZ
Casing Depth From	2291.6 (m)		CDF
Casing Depth To	2672.0 (m)		CADT
Casing Grade	Vam–Ace		CASG
Casing Weight	12.6 (lbm/ft)		CWEI
Bit Size	6.00 (in)		BS
Date Logger At Bottom	20–Jun–2007	Time Logger At Bottom 8:00	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location Prod4 / Ausl	LUN, LUL
Engineer's Name	G Wright & S Gilbert.		ENGI
Witness's Name	B White & B Robinson.		WITN
Service Order Number	Ausl07328214		SON

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	207.0 (degF)		MRT
	207.0 (degF)		MRT1
Date Logger At Bottom	20–Jun–2007	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 = 65 degrees at 1113m MDKB.	R2
Objective:Perforate the well using a 1.5m 2 1/8" 45deg Phased Powerjet gun	R3
over the interval 2573.4m to 2574.9m MDKB. Set a 4.5"HPI Plug with top of seal	R4
@ 2578m MDKB.	R5
Before Gun– SBHP: psia SBHT: degf	R6
After Gun– SBHP: psia SBHT: degf	R7
Top Shot @ m MDKB	R8
CCL to Top Shot = m	R9
CCL Stop Depth = m MDKB	R10
Top of Seal @ m MDKB	R11
CCL to Top of Seal = m	R12
CCL Stop Depth = m MDKB	R13
Crew : J Annear,J Light,P Lawrence,K Kerr.	R15

Other Services

RST–C	OS1
Sigma Survey	OS2

Origin: 2

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2586.53	2520.54 m	-60.0 (0.1 in) up	22	TDEP	60B
	8486.00	8269.50 ft				
BOREHOLE-DEPTH	2586.53	2520.72 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	8486.00	8270.08 ft				

File HeaderFile: **PERFO_026LUP** Sequence: **5****Defining Origin: 37**

File ID: PERFO_026LUP File Type: DEPTH LOG

Producer Name: Schlumberger

Product/Version: OP 14C0-302

File Set: 41

File Number: 25

20-JUN-2007 7:48:46

Company Name: Esso Australia Pty Ltd.

Well Name: A-13a

Field Name: Bream A

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

Computations: WELLCAD, BORDYN

Error SummaryFile: **PERFO_026LUP** Sequence: **5**

No errors detected in file.

Well Site DataFile: **PERFO_026LUP** Sequence: **5****Origin: 37****Well Data**

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-13a	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	Ausl07328214	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	65.0 (deg)	MHD
Elevation of Kelly Bushing	32.2 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	32.2 (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	32.2 (m)

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

Job Data

Date as Month-Day-Year	20-Jun-2007	DATE
Run Number	2 - 4	RUN
Total Depth - Driller	2585.0 (m)	TDD
Total Depth - Logger	2585.0 (m)	TDL
Bottom Log Interval	2585.0 (m)	BLI
Top Log Interval	2525.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	2291.6 (m)	CDF
Casing Depth To	2672.0 (m)	CADT
Casing Grade	Vam-Ace	CASG
Casing Weight	12.6 (lbm/ft)	CWEI

Bit Size	6.00 (in)	Time Logger At Bottom	8:00	BS
Date Logger At Bottom	20–Jun–2007	Logging Unit Location	Prod4 / Ausl	DLAB, TLAB
Logging Unit Number	889			LUN, LUL
Engineer's Name	G Wright & S Gilbert.			ENGI
Witness's Name	B White & B Robinson.			WITN
Service Order Number	Ausl07328214			SON
Absent Valued Parameters: BSDF, BSDT				
Mud Data				
Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	207.0 (degF)			MRT
	207.0 (degF)			MRT1
Date Logger At Bottom	20–Jun–2007	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 = 65 degrees at 1113m MDKB.				R2
Objective:Perforate the well using a 1.5m 2 1/8" 45deg Phased Powerjet gun				R3
over the interval 2573.4m to 2574.9m MDKB. Set a 4.5"HPI Plug with top of seal				R4
@ 2578m MDKB.				R5
Befor Gun– SBHP: psia SBHT: degf				R6
After Gun– SBHP: psia SBHT: degf				R7
Top Shot @ m MDKB				R8
CCL to Top Shot = m				R9
CCL Stop Depth = m MDKB				R10
Top of Seal @ m MDKB				R11
CCL to Top of Seal = m				R12
CCL Stop Depth = m MDKB				R13
Crew : J Annear,J Light,P Lawrence,K Kerr.				R15
Other Services				
RST–C				OS1
Sigma Survey				OS2

Frame Summary File: PERFO_026LUP Sequence: 5						
Origin: 37						
<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	2578.15	2531.82 m	–60.0 (0.1 in) up	22	TDEP	60B
	8458.50	8306.50 ft				
BOREHOLE–DEPTH	2578.15	2531.85 m	–10.0 (0.1 in) up	10	TDEP;1	10B
	8458.50	8306.58 ft				

File Header		File: PERFO_027LUP	Sequence: 6
Defining Origin: 37			
File ID: PERFO_027LUP File Type: DEPTH LOG			
Producer Name: Schlumberger		Product/Version: OP 14C0-302	File Set: 41 File Number: 26 20-JUN-2007 7:57:06
Company Name:	Esso Australia Pty Ltd.		
Well Name:	A-13a		
Field Name:	Bream A		
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA		
Computations:	WELLCAD, BORDYN		

Error Summary File: PERFO_027LUP Sequence: 6		
No errors detected in this file.		

Well Site DataFile: **PERFO_027LUP** Sequence: **6****Origin: 37****Well Data**

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-13a	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	Ausl07328214	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	65.0 (deg)	MHD
Elevation of Kelly Bushing	32.2 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	32.2 (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 32.2 (m)	

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

Job Data

Date as Month-Day-Year	20-Jun-2007	DATE
Run Number	2 - 4	RUN
Total Depth - Driller	2585.0 (m)	TDD
Total Depth - Logger	2585.0 (m)	TDL
Bottom Log Interval	2585.0 (m)	BLI
Top Log Interval	2525.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	2291.6 (m)	CDF
Casing Depth To	2672.0 (m)	CADT
Casing Grade	Vam-Ace	CASG
Casing Weight	12.6 (lbm/ft)	CWEI
Bit Size	6.00 (in)	BS
Date Logger At Bottom	20-Jun-2007	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	G Wright & S Gilbert.	ENGI
Witness's Name	B White & B Robinson.	WITN
Service Order Number	Ausl07328214	SON
	Time Logger At Bottom 8:00	
	Logging Unit Location Prod4 / Ausl	

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	207.0 (degF)	MRT
	207.0 (degF)	MRT1
Date Logger At Bottom	20-Jun-2007	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 = 65 degrees at 1113m MDKB.	R2
Objective: Perforate the well using a 1.5m 2 1/8" 45deg Phased Powerjet gun	R3
over the interval 2573.4m to 2574.9m MDKB. Set a 4.5"HPI Plug with top of seal	R4
@ 2578m MDKB.	R5
Before Gun- SBHP: psia SBHT: degf	R6
After Gun- SBHP: psia SBHT: degf	R7
Top Shot @ m MDKB	R8
CCL to Top Shot = m	R9
CCL Stop Depth = m MDKB	R10
Top of Seal @ m MDKB	R11
CCL to Top of Seal = m	R12

CCL Stop Depth = m MDKB	R13
Crew : J Annear,J Light,P Lawrence,K Kerr.	R15
Other Services	
RST-C	OS1
Sigma Survey	OS2

Frame Summary		File: PERFO_027LUP	Sequence: 6			
Origin: 37						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2576.47	2535.63 m	-60.0 (0.1 in) up	22	TDEP	60B
	8453.00	8319.00 ft				
BOREHOLE-DEPTH	2576.47	2535.66 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	8453.00	8319.08 ft				

File Header	File: PERFO_028LTP	Sequence: 7
Defining Origin: 37		
File ID: PERFO_028LTP	File Type: STATION	
Producer Name: Schlumberger	Product/Version: OP 14C0-302	File Set: 41
		File Number: 27
		20-JUN-2007 7:59:11
Company Name:	Esso Australia Pty Ltd.	
Well Name:	A-13a	
Field Name:	Bream A	
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA	
Computations:	WELLCAD, BORDYN	

Error Summary	File: PERFO_028LTP	Sequence: 7
No errors detected in file.		

Well Site Data	File: PERFO_028LTP	Sequence: 7
Origin: 37		
Well Data		
Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-13a	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	Ausl07328214	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	65.0 (deg)	MHD
Elevation of Kelly Bushing	32.2 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	32.2 (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	20-Jun-2007	DATE
Run Number	2 - 4	RUN
Total Depth - Driller	2585.0 (m)	TDD
Total Depth - Logger	2585.0 (m)	TDL
Bottom Log Interval	2585.0 (m)	BLI
Top Log Interval	2525.0 (m)	TLI
Current Casing Size	4.50 (in)	CSIZ
Casing Depth From	2291.6 (m)	CDF
Casing Depth To	2672.0 (m)	CADT
Casing Grade	Vam-Ace	CASG
Casing Weight	12.6 (lbm/ft)	CWEI
Bit Size	6.00 (in)	BS
Date Logger At Bottom	20-Jun-2007	DLAB, TLAB
	Time Logger At Bottom 8:00	

Logging Unit Number	889	Logging Unit Location	Prod4 / Ausl	LUN, LUL
Engineer's Name	G Wright & S Gilbert.			ENGI
Witness's Name	B White & B Robinson.			WITN
Service Order Number	Ausl07328214			SON
Absent Valued Parameters: BSDF, BSDT				
Mud Data				
Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	207.0 (degF)			MRT
	207.0 (degF)			MRT1
Date Logger At Bottom	20-Jun-2007	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 = 65 degrees at 1113m MDKB.				R2
Objective:Perforate the well using a 1.5m 2 1/8" 45deg Phased Powerjet gun				R3
over the interval 2573.4m to 2574.9m MDKB. Set a 4.5"HPI Plug with top of seal				R4
@ 2578m MDKB.				R5
Before Gun- SBHP: psia SBHT: degf				R6
After Gun- SBHP: psia SBHT: degf				R7
Top Shot @ m MDKB				R8
CCL to Top Shot = m				R9
CCL Stop Depth = m MDKB				R10
Top of Seal @ m MDKB				R11
CCL to Top of Seal = m				R12
CCL Stop Depth = m MDKB				R13
Crew : J Annear,J Light,P Lawrence,K Kerr.				R15
Other Services				
RST-C				OS1
Sigma Survey				OS2

Frame Summary File: PERFO_028LTP Sequence: 7						
Origin: 37						
<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	2220.08	4049.08 s	2000.0 (0.5 ms)	5	TIME;2	2000T
TIME	2220.08	4049.08 s	1000.0 (0.5 ms)	14	TIME;3	1000T
TIME	2220.08	4049.33 s	500.0 (0.5 ms)	4	TIME;4	500T

Schlumberger			Verification Listing	Listing Completed: 22-JUN-2007 14:36:33		
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