

**Input Source:** D:\OP\_Folder\Clients\Eso2007\BMA\_A1a\GUN\COMP\_A1AGUN\_COMP\_042.DLIS  
**Format:** DLIS  
**Storage Set ID:** Default Storage Set

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

**File Header** File: **PERFO\_017LUP** Sequence: **1**

**Defining Origin: 38**

File ID: PERFO\_017LUP File Type: DEPTH LOG

Producer Name: Schlumberger

Product/Version: OP 14C0-302

File Set: 41

File Number: 16

24-JUN-2007 3:01:34

Company Name: Esso Australia Pty Ltd.

Well Name: A-1a

Field Name: Bream A

Tool String: MWP\_GUN, MWPT-CA, MWGT-AA

Computations: WELLCAD, BORDYN

**Error Summary** File: **PERFO\_017LUP** Sequence: **1**

No errors detected in file.

**Well Site Data** File: **PERFO\_017LUP** Sequence: **1**

**Origin: 38**

**Well Data**

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-1a	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	Ausl07484935	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	44.0 (deg)	MHD
Elevation of Kelly Bushing	32.8 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	32.8 (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 32.8 (m)	

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

**Job Data**

Date as Month-Day-Year	24-Jun-2007	DATE
Run Number	1 thru 3	RUN
Total Depth - Driller	2221.0 (m)	TDD
Total Depth - Logger	0.0 (m)	TDL
Bottom Log Interval	2210.0 (m)	BLI
Top Log Interval	2100.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	11.1 (m)	CDF
Casing Depth To	2287.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Date Logger At Bottom	24-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	Ausl07484935	SON
	Time Logger At Bottom 12:00	
	Logging Unit Location Prod4 / Ausl	

Absent Valued Parameters: BSDF, BSDT

**Mud Data**

Drilling Fluid Type

Maximum Recorded Temperature

Date Logger At Bottom

Production Fluids

0.0 (degF)

0.0 (degF)

24-Jun-2007

Time Logger At Bottom

12:00

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 = 44 degrees at 1500m MDKB.

Objective:Perforate the well using a 2.8m 2 1/8" 45deg Phased Powerjet gun over the interval 2183.2m to 2186m MDKB. Set a 7"HPI Plug with top of seal @ 2192m MDKB.

Befor Gun- SBHP: psia SBHT: degf

After Gun- SBHP: psia SBHT: degf

Top Shot @ 2183.2m MDKB

CCL to Top Shot = 3.7m

CCL Stop Depth = 2179.5m MDKB

Top of Seal @ m MDKB

CCL to Top of Seal = m

CCL Stop Depth = m MDKB

Crew : J Annear,J Light,P Lawrence,K Kerr.

R1

R2

R3

R4

R5

R6

R7

R8

R9

R10

R11

R12

R13

R15

Other Services

None

OS1

Frame Summary						
File: PERFO_017LUP Sequence: 1						
Origin: 38						
<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	2188.62	2149.30 m	-60.0 (0.1 in) up	22	TDEP	60B
	7180.50	7051.50 ft				
BOREHOLE-DEPTH	2188.62	2149.32 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	7180.50	7051.58 ft				

File Header

File: PERFO\_018LUP

Sequence: 2

Defining Origin: 38

File ID: PERFO\_018LUP File Type: DEPTH LOG

Producer Name: Schlumberger

Product/Version: OP 14C0-302

File Set: 41

File Number: 17

24-JUN-2007 3:11:34

Company Name: Esso Australia Pty Ltd.

Well Name: A-1a

Field Name: Bream A

Tool String: MWP\_GUN, MWPT-CA, MWGT-AA

Computations: WELLCAD, BORDYN

Error Summary		
File: PERFO_018LUP Sequence: 2		
No errors detected in file.		

Well Site Data

File: PERFO\_018LUP

Sequence: 2

Origin: 38

## Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-1a	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	Ausl07484935	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	44.0 (deg)	MHD
Elevation of Kelly Bushing	32.8 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	32.8 (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 32.8 (m)		

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

## Job Data

Date as Month-Day-Year	24-Jun-2007	DATE
Run Number	1 thru 3	RUN
Total Depth - Driller	2221.0 (m)	TDD
Total Depth - Logger	0.0 (m)	TDL
Bottom Log Interval	2210.0 (m)	BLI
Top Log Interval	2100.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	11.1 (m)	CDF
Casing Depth To	2287.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Date Logger At Bottom	24-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	Ausl07484935	SON
Time Logger At Bottom 12:00		
Logging Unit Location Prod4 / Ausl		

Absent Valued Parameters: BSDF, BSDT

## Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	0.0 (degF)	MRT
	0.0 (degF)	MRT1
Date Logger At Bottom	24-Jun-2007	DLAB, TLAB
Time Logger At Bottom 12:00		

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 = 44 degrees at 1500m MDKB.	R2
Objective: Perforate the well using a 2.8m 2 1/8" 45deg Phased Powerjet gun	R3
over the interval 2183.2m to 2186m MDKB. Set a 7"HPI Plug with top of seal	R4
@ 2192m MDKB.	R5
Before Gun- SBHP: psia SBHT: degf	R6
After Gun- SBHP: psia SBHT: degf	R7
Top Shot @ 2183.2m MDKB	R8
CCL to Top Shot = 3.7m	R9
CCL Stop Depth = 2179.5m 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

None	OS1
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Frame Summary		File: PERFO_018LUP		Sequence: 2		
Origin: 38						
<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	2186.33	2141.22 m	-60.0 (0.1 in) up	22	TDEP	60B
	7173.00	7025.00 ft				
BOREHOLE-DEPTH	2186.33	2141.25 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	7173.00	7025.08 ft				

File Header		File: PERFO_019LTP		Sequence: 3	
Defining Origin: 38					
File ID: PERFO_019LTP    File Type: STATION					
Producer Name: Schlumberger		Product/Version: OP 14C0-302		File Set: 41	File Number: 18    24-JUN-2007 3:13:29
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A-1a				
Field Name:	Bream A				
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA				
Computations:	WELLCAD, BORDYN				

Error Summary	File: PERFO_019LTP	Sequence: 3
No errors detected in file.		

Well Site Data		File: PERFO_019LTP	Sequence: 3
Origin: 38			
Well Data			
Company Name	Esso Australia Pty Ltd.		CN
Well Name	A-1a		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	Ausl07484935		SON
Longitude	147 46'15"E		LONG
Latitude	038 30'04"S		LATI
Maximum Hole Deviation	44.0 (deg)		MHD
Elevation of Kelly Bushing	32.8 (m)		EKB
Elevation of Ground Level	-59.0 (m)		EGL
Elevation of Derrick Floor	32.8 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum 32.8 (m)	LMF, APD
Drilling Measured From	D.F		DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN			
Job Data			
Date as Month-Day-Year	24-Jun-2007		DATE
Run Number	1 thru 3		RUN
Total Depth - Driller	2221.0 (m)		TDD
Total Depth - Logger	0.0 (m)		TDL
Bottom Log Interval	2210.0 (m)		BLI
Top Log Interval	2100.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	11.1 (m)		CDF
Casing Depth To	2287.0 (m)		CADT
Casing Grade	L-80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS

Date Logger At Bottom24-Jun-2007Time Logger At Bottom12:00DLAB, TLAB

Logging Unit Number889Logging Unit LocationProd4 / AuslLUN, LUL

Engineer's NameG Wright & S Gilbert.ENGI

Witness's NameB White & B Robinson.WITN

Service Order NumberAusl07484935SON

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid TypeProduction FluidsDFT

Maximum Recorded Temperature0.0 (degF)MRT

0.0 (degF)MRT1

Date Logger At Bottom24-Jun-2007Time Logger At Bottom12:00DLAB, TLAB

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

PVT Data

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

Cement Data

Cement Job TypePrimaryCJT

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

Remarks

Log correlated to ExxonMobil composite supplied with logging program.R1

Maximum well deviation = 44 degrees at 1500m MDKB.R2

Objective:Perforate the well using a 2.8m 2 1/8" 45deg Phased Powerjet gunR3

over the interval 2183.2m to 2186m MDKB. Set a 7"HPI Plug with top of sealR4

@ 2192m MDKB.R5

Befor Gun- SBHP: psia SBHT: degfR6

After Gun- SBHP: psia SBHT: degfR7

Top Shot @ 2183.2m MDKB.R8

CCL to Top Shot = 3.7mR9

CCL Stop Depth = 2179.5m MDKB.R10

Top of Seal @ m MDKB.R11

CCL to Top of Seal = mR12

CCL Stop Depth = m MDKB.R13

Crew : J Annear,J Light,P Lawrence,K Kerr.R15

Other Services

NoneOS1

Frame Summary      File: PERFO_019LTP      Sequence: 3						
Origin: 38						
<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	3389.09	5174.09 s	2000.0 (0.5 ms)	5	TIME;2	2000T
TIME	3389.09	5174.09 s	1000.0 (0.5 ms)	14	TIME;3	1000T
TIME	3389.09	5174.09 s	500.0 (0.5 ms)	4	TIME;4	500T

File Header

File: PERFO\_026PUP      Sequence: 4

Defining Origin: 35

File ID: PERFO\_026PUP    File Type: PLAYBACK

Producer Name: Schlumberger      Product/Version: OP 14C0-302      File Set: 41      File Number: 25      24-JUN-2007 5:17:00

Company Name:    Esso Australia Pty Ltd.

Well Name:        A-1a

Field Name:       Bream A

Tool String:      MWPT-CA, MWGT-AA

Computations:    WELLCAD, BORDYN

Error Summary      File: PERFO_026PUP      Sequence: 4	
No errors detected in file.	

Well Site Data

File: PERFO\_026PUP      Sequence: 4

Origin: 35

Well Data

Company NameEsso Australia Pty Ltd.CN

Well Name	A-1a	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	Ausl07484935	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	44.0 (deg)	MHD
Elevation of Kelly Bushing	32.8 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	32.8 (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	32.8 (m)

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

Job Data

Date as Month-Day-Year	24-Jun-2007	DATE
Run Number	1 thru 3	RUN
Total Depth - Driller	2221.0 (m)	TDD
Total Depth - Logger	0.0 (m)	TDL
Bottom Log Interval	2210.0 (m)	BLI
Top Log Interval	2100.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	11.1 (m)	CDF
Casing Depth To	2287.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Date Logger At Bottom	24-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	Ausl07484935	SON
	Time Logger At Bottom	12:00
	Logging Unit Location	Prod4 / Ausl

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	0.0 (degF)	MRT
	0.0 (degF)	MRT1
Date Logger At Bottom	24-Jun-2007	DLAB, TLAB
	Time Logger At Bottom	12:00

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 = 44 degrees at 1500m MDKB.	R2
Objective:Perforate the well using a 2.8m 2 1/8" 45deg Phased Powerjet gun	R3
over the interval 2183.2m to 2186m MDKB. Set a 7"HPI Plug with top of seal	R4
@ 2192m MDKB.	R5
Befor Gun- SBHP:2624 psia SBHT: 207 degf	R6
After Gun- SBHP:2624 psia SBHT: 208 degf	R7
Top Shot @ 2183.2m MDKB	R8
CCL to Top Shot = 3.7m	R9
CCL Stop Depth = 2179.5m 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

None	OS1
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<b>Origin: 35</b>						
<u>Index Type</u>	<u>Start</u>	<u>Stop</u>	<u>Spacing</u>	<u>Channels</u>	<u>Index Channel</u>	<u>Frame Name</u>
BOREHOLE-DEPTH	2217.57 7275.50	2119.88 m 6955.00 ft	-60.0 (0.1 in) up	22	TDEP	60B
BOREHOLE-DEPTH	2217.57 7275.50	2120.06 m 6955.58 ft	-10.0 (0.1 in) up	10	TDEP,1	10B

<b>File Header</b>	File: <b>PERFO_034LUP</b>	Sequence: <b>5</b>
<b>Defining Origin: 1</b>		
File ID: PERFO_034LUP File Type: DEPTH LOG		
Producer Name: Schlumberger	Product/Version: OP 14C0-302	File Set: 41 File Number: 33 24-JUN-2007 7:37:55
Company Name:	Esso Australia Pty Ltd.	
Well Name:	A-1a	
Field Name:	Bream A	
Tool String:	SHM_GUN, CCL-L	
Computations:	WELLCAD	

<b>Error Summary</b>	File: <b>PERFO_034LUP</b>	Sequence: <b>5</b>
No errors detected in file.		

<b>Well Site Data</b>	File: <b>PERFO_034LUP</b>	Sequence: <b>5</b>
<b>Origin: 1</b>		
<b>Well Data</b>		
Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-1a	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	Ausl07484935	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	44.0 (deg)	MHD
Elevation of Kelly Bushing	32.8 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	32.8 (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 32.8 (m)	

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

<b>Job Data</b>		
Date as Month-Day-Year	24-Jun-2007	DATE
Run Number	1 thru 3	RUN
Total Depth - Driller	2219.0 (m)	TDD
Total Depth - Logger	2218.5 (m)	TDL
Bottom Log Interval	2219.0 (m)	BLI
Top Log Interval	2125.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	11.1 (m)	CDF
Casing Depth To	2287.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI

Bit Size	8.50 (in)	Time Logger At Bottom	2:30	BS
Date Logger At Bottom	24-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	Ausl07484935			SON
Absent Valued Parameters: BSDF, BSDT				
<b>Mud Data</b>				
Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	208.0 (degF)			MRT
	208.0 (degF)			MRT1
Date Logger At Bottom	24-Jun-2007	Time Logger At Bottom	2:30	DLAB, TLAB
Absent Valued Parameters: DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT2, MRT3, DCS, TCS				
<b>PVT Data</b>				
Absent Valued Parameters: ODEN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR				
<b>Cement Data</b>				
Cement Job Type	Primary			CJT
Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA				
<b>Remarks</b>				
Log correlated to ExxonMobil composite supplied with logging program.				R1
Maximum well deviation = 44 degrees at 1500m MDKB.				R2
Objective:Perforate the well using a 2.8m 2 1/8" 45deg Phased Powerjet gun				R3
over the interval 2183.2m to 2186m MDKB. Set a 7"HPI Plug with top of seal				R4
@ 2192m MDKB.				R5
Before Gun- SBHP:2624 psia SBHT: 207 degf				R6
After Gun- SBHP:2624 psia SBHT: 208 degf				R7
Top Shot @ 2183.2m MDKB				R8
CCL to Top Shot = 3.7m				R9
CCL Stop Depth = 2179.5m MDKB				R10
Top of Seal @ 2192 m MDKB.				R11
CCL to Top of Seal = 10 m.				R12
CCL Stop Depth = 2182 m MDKB.				R13
Crew : J Annear,J Light,P Lawrence,K Kerr.				R15
<b>Other Services</b>				
None				OS1

<b>Frame Summary</b> File: <b>PERFO_034LUP</b> Sequence: <b>5</b>						
<b>Origin: 1</b>						
<u>Index Type</u>	<u>Start</u>	<u>Stop</u>	<u>Spacing</u>	<u>Channels</u>	<u>Index Channel</u>	<u>Frame Name</u>
BOREHOLE-DEPTH	2205.38	2151.89 m	-60.0 (0.1 in) up	7	TDEP	60B
	7235.50	7060.00 ft				
BOREHOLE-DEPTH	2205.38	2151.91 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	7235.50	7060.08 ft				

File Header		File: PERFO_035LUP	Sequence: 6
Defining Origin: 1			
File ID: PERFO_035LUP		File Type: DEPTH LOG	
Producer Name: Schlumberger		Product/Version: OP 14C0-302	File Set: 41
		File Number: 34	24-JUN-2007 7:44:49
Company Name:	Esso Australia Pty Ltd.		
Well Name:	A-1a		
Field Name:	Bream A		
Tool String:	SHM_GUN, CCL-L		
Computations:	WELLCAD		

<b>Error Summary</b> File: <b>PERFO_035LUP</b> Sequence: <b>6</b>		
No errors detected in this file.		



**Well Site Data**File: **PERFO\_035LUP** Sequence: **6****Origin: 1****Well Data**

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-1a	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	Ausl07484935	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	44.0 (deg)	MHD
Elevation of Kelly Bushing	32.8 (m)	EKB
Elevation of Ground Level	-59.0 (m)	EGL
Elevation of Derrick Floor	32.8 (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 32.8 (m)	

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

**Job Data**

Date as Month-Day-Year	24-Jun-2007	DATE
Run Number	1 thru 3	RUN
Total Depth - Driller	2219.0 (m)	TDD
Total Depth - Logger	2218.5 (m)	TDL
Bottom Log Interval	2219.0 (m)	BLI
Top Log Interval	2125.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	11.1 (m)	CDF
Casing Depth To	2287.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Date Logger At Bottom	24-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	Ausl07484935	SON
	Time Logger At Bottom 2:30	
	Logging Unit Location Prod4 / Ausl	

Absent Valued Parameters: BSDF, BSDT

**Mud Data**

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	208.0 (degF)	MRT
	208.0 (degF)	MRT1
Date Logger At Bottom	24-Jun-2007	DLAB, TLAB
	Time Logger At Bottom 2:30	

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 = 44 degrees at 1500m MDKB.	R2
Objective: Perforate the well using a 2.8m 2 1/8" 45deg Phased Powerjet gun	R3
over the interval 2183.2m to 2186m MDKB. Set a 7"HPI Plug with top of seal	R4
@ 2192m MDKB.	R5
Before Gun- SBHP:2624 psia SBHT: 207 degf	R6
After Gun- SBHP:2624 psia SBHT: 208 degf	R7
Top Shot @ 2183.2m MDKB	R8
CCL to Top Shot = 3.7m	R9
CCL Stop Depth = 2179.5m MDKB	R10
Top of Seal @ 2192 m MDKB.	R11
CCL to Top of Seal = 10 m.	R12

Frame Summary      File: PERFO_035LUP      Sequence: 6						
Origin: 1						
<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	2207.36	2164.69 m	-60.0 (0.1 in) up	7	TDEP	60B
	7242.00	7102.00 ft				
BOREHOLE-DEPTH	2207.36	2164.72 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	7242.00	7102.08 ft				

File Header		File: PERFO_037LUP		Sequence: 7	
Defining Origin: 1					
File ID: PERFO_037LUP		File Type: DEPTH LOG			
Producer Name: Schlumberger		Product/Version: OP 14C0-302		File Set: 41	File Number: 36
		24-JUN-2007 7:57:11			
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A-1a				
Field Name:	Bream A				
Tool String:	SHM_GUN, CCL-L				
Computations:	WELLCAD				

Error Summary      File: PERFO_037LUP      Sequence: 7						
No errors detected in file.						

Well Site Data			File: PERFO_037LUP	Sequence: 7
Origin: 1				
Well Data				
Company Name	Esso Australia Pty Ltd.			CN
Well Name	A-1a			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	Ausl07484935			SON
Longitude	147 46'15"E			LONG
Latitude	038 30'04"S			LATI
Maximum Hole Deviation	44.0 (deg)			MHD
Elevation of Kelly Bushing	32.8 (m)			EKB
Elevation of Ground Level	-59.0 (m)			EGL
Elevation of Derrick Floor	32.8 (m)			EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum	0.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum	32.8 (m)	LMF, APD
Drilling Measured From	D.F			DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN				
Job Data				
Date as Month-Day-Year	24-Jun-2007			DATE
Run Number	1 thru 3			RUN
Total Depth - Driller	2219.0 (m)			TDD
Total Depth - Logger	2218.5 (m)			TDL
Bottom Log Interval	2219.0 (m)			BLI
Top Log Interval	2125.0 (m)			TLI
Current Casing Size	7.00 (in)			CSIZ
Casing Depth From	11.1 (m)			CDF
Casing Depth To	2287.0 (m)			CADT
Casing Grade	L-80			CASG
Casing Weight	26.0 (lbm/ft)			CWEI
Bit Size	8.50 (in)			BS
Date Logger At Bottom	24-Jun-2007	Time Logger At Bottom	2:30	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	Ausl07484935			SON
Absent Valued Parameters: BSDF, BSDT				
<b>Mud Data</b>				
Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	208.0 (degF)			MRT
	208.0 (degF)			MRT1
Date Logger At Bottom	24-Jun-2007	Time Logger At Bottom	2:30	DLAB, TLAB
Absent Valued Parameters: DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT2, MRT3, DCS, TCS				
<b>PVT Data</b>				
Absent Valued Parameters: ODEN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR				
<b>Cement Data</b>				
Cement Job Type	Primary			CJT
Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA				
<b>Remarks</b>				
Log correlated to ExxonMobil composite supplied with logging program.				R1
Maximum well deviation = 44 degrees at 1500m MDKB.				R2
Objective: Perforate the well using a 2.8m 2 1/8" 45deg Phased Powerjet gun				R3
over the interval 2183.2m to 2186m MDKB. Set a 7"HPI Plug with top of seal				R4
@ 2192m MDKB.				R5
Before Gun- SBHP:2624 psia SBHT: 207 degf				R6
After Gun- SBHP:2624 psia SBHT: 208 degf				R7
Top Shot @ 2183.2m MDKB				R8
CCL to Top Shot = 3.7m				R9
CCL Stop Depth = 2179.5m MDKB				R10
Top of Seal @ 2192 m MDKB.				R11
CCL to Top of Seal = 10 m.				R12
CCL Stop Depth = 2182 m MDKB.				R13
Crew : J Annear,J Light,P Lawrence,K Kerr.				R15
<b>Other Services</b>				
None				OS1

<b>Frame Summary</b>	File: PERFO_037LUP	Sequence: 7
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<b>Origin: 1</b>						
<u>Index Type</u>	<u>Start</u>	<u>Stop</u>	<u>Spacing</u>	<u>Channels</u>	<u>Index Channel</u>	<u>Frame Name</u>
BOREHOLE-DEPTH	2184.35	2149.60 m	-60.0 (0.1 in) up	7	TDEP	60B
	7166.50	7052.50 ft				
BOREHOLE-DEPTH	2184.35	2149.63 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	7166.50	7052.58 ft				