

**Input Source:** D:\OP\_Folder\Clients\Eso2007\BMA\_A2a\GUN\COMP\_BMA\_A2A\_COMP\_041.DLIS  
**Format:** DLIS  
**Storage Set ID:** Default Storage Set

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

**File Header** File: **RST\_PSP\_008PUP** Sequence: **1**

**Defining Origin: 35**

File ID: RST\_PSP\_008PUP File Type: PLAYBACK

Producer Name: Schlumberger

Product/Version: OP 14C0-302

File Set: 41

File Number: 7

20-SEP-2007 9:19:36

Company Name: Esso Australia Pty Ltd.

Well Name: A-2a

Field Name: Bream A

Tool String: RST-C, PSPT-B

Computations: WELLCAD, BORDYN

**Error Summary** File: **RST\_PSP\_008PUP** Sequence: **1**

No errors detected in file.

**Well Site Data** File: **RST\_PSP\_008PUP** Sequence: **1**

**Origin: 35**

**Well Data**

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-2a	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	Ausl07484978	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	49.0 (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	20-Sep-2007	DATE
Run Number	One	RUN
Total Depth - Driller	2385.0 (m)	TDD
Total Depth - Logger	0.0 (m)	TDL
Bottom Log Interval	0.0 (m)	BLI
Top Log Interval	2275.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	12.9 (m)	CDF
Casing Depth To	2468.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Date Logger At Bottom	20-Sep-2007	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert.	ENGI
Witness's Name	G Rimmer	WITN
Service Order Number	Ausl07484978	SON
	Time Logger At Bottom 16:05	
	Logging Unit Location Prod4 / Ausl	

Absent Valued Parameters: BSDF, BSDT

**Mud Data**

Drilling Fluid Type

Maximum Recorded Temperature

Date Logger At Bottom

Production Fluids

208.0 (degF)

208.0 (degF)

20-Sep-2007

Time Logger At Bottom

16:05

DFT

MRT

MRT1

DLAB, TLAB

Absent Valued Parameters: DFD, DFV, DFL, DFPF, 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 = 49 degrees at 1270 MDKB.

Objective: Conduct RST Sigma survey from HUD to 2292m MDKB making 2 Passes

@ 900ft/hr with the well shut in . Perforate the well over the interval

\_\_\_\_\_m to \_\_\_\_\_m MDKB using a 2 1/8" 45deg Phased Powerjet Gun . Set 7"

HPI plug with top of seal @ 2364m MDKB.

Before Gun SBHP:\_\_\_\_\_psia SBHT:\_\_\_\_\_degf HUD\_\_\_\_\_m MDKB

After Gun SBHP:\_\_\_\_\_psia SBHT:\_\_\_\_\_degf

SLB Crew: A Hall, C Shiells

R1

R2

R3

R4

R5

R6

R7

R8

R17

Other Services

None

OS1

Frame Summary						
File: RST_PSP_008PUP		Sequence: 1				
Origin: 35						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2368.30	2274.72 m	-60.0 (0.1 in) up	162	TDEP	60B
	7770.00	7463.00 ft				
BOREHOLE-DEPTH	2368.30	2274.90 m	-10.0 (0.1 in) up	7	TDEP,1	10B
	7770.00	7463.58 ft				

File Header

File: RST\_PSP\_009LUP

Sequence: 2

Defining Origin: 35

File ID: RST\_PSP\_009LUP

File Type: DEPTH LOG

Producer Name: Schlumberger

Product/Version: OP 14C0-302

File Set: 41

File Number: 8

20-SEP-2007 9:28:37

Company Name: Esso Australia Pty Ltd.

Well Name: A-2a

Field Name: Bream A

Tool String: RST-C, PSPT-E

Computations: WELLCAD, BORDYN

Error Summary		
File: RST_PSP_009LUP		Sequence: 2
No errors detected in file.		

Well Site Data

File: RST\_PSP\_009LUP

Sequence: 2

Origin: 35

Well Data

Company Name

Esso Australia Pty Ltd.

CN

Well Name

A-2a

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

AusI07484978

SON

Longitude

147 46'15"E

LONG

Latitude

038 30'04"S

LATI

Latitude

038 30 04 S

Maximum Hole Deviation

49.0 (deg)

Elevation of Kelly Bushing

33.5 (m)

Elevation of Ground Level

-59.0 (m)

Elevation of Derrick Floor

33.5 (m)

Permanent Datum

M.S.L

Log Measured From

D.F

Drilling Measured From

D.F

Elevation of Permanent Datum

0.0 (m)

Above Permanent Datum

33.5 (m)

MHD

EKB

EGL

EDF

PDAT, EPD

LMF, APD

DMF

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

Job Data

Date as Month-Day-Year

20-Sep-2007

Run Number

One

Total Depth - Driller

2385.0 (m)

Total Depth - Logger

2363.0 (m)

Bottom Log Interval

2363.0 (m)

Top Log Interval

2275.0 (m)

Current Casing Size

7.00 (in)

Casing Depth From

12.9 (m)

Casing Depth To

2468.0 (m)

Casing Grade

L-80

Casing Weight

26.0 (lbm/ft)

Bit Size

8.50 (in)

Date Logger At Bottom

20-Sep-2007

Logging Unit Number

889

Engineer's Name

S Gilbert.

Witness's Name

G Rimmer

Service Order Number

Ausl07484978

DATE

RUN

TDD

TDL

BLI

TLI

CSIZ

CDF

CADT

CASG

CWEI

BS

DLAB, TLAB

LUN, LUL

ENGI

WITN

SON

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type

Production Fluids

Maximum Recorded Temperature

208.0 (degF)

208.0 (degF)

Date Logger At Bottom

20-Sep-2007

Time Logger At Bottom

9:23

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 = 49 degrees at 1270 MDKB.

Objective: Conduct RST Sigma survey from HUD to 2292m MDKB making 2 Passes

@ 900ft/hr with the well shut in . Perforate the well over the interval

\_\_\_\_ m to \_\_\_\_ m MDKB using a 2 1/8" 45deg Phased Powerjet Gun . Set 7"

HPI plug with top of seal @ 2364m MDKB.

Before Gun SBHP:\_\_\_\_psia SBHT:\_\_\_\_degf HUD\_\_\_\_ m MDKB

After Gun SBHP:\_\_\_\_psia SBHT:\_\_\_\_degf

SLB Crew: A Hall, C Shiells

R1

R2

R3

R4

R5

R6

R7

R8

R17

Other Services

None

OS1

Frame Summary    File: RST_PSP_009LUP    Sequence: 2						
Origin: 35						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2366.31	2282.49 m	-60.0 (0.1 in) up	121	TDEP	60B
	7763.50	7488.50 ft				
BOREHOLE-DEPTH	2366.31	2282.52 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	7763.50	7488.58 ft				

File Header

File: RST\_PSP\_010LUP    Sequence: 2

File Header		File: RST_PSP_010LUP	Sequence: 3
<b>Defining Origin: 35</b>			
File ID: RST_PSP_010LUP File Type: DEPTH LOG			
Producer Name: Schlumberger		Product/Version: OP 14C0-302	File Set: 41
			File Number: 9
			20-SEP-2007 9:52:27
Company Name:	Esso Australia Pty Ltd.		
Well Name:	A-2a		
Field Name:	Bream A		
Tool String:	RST-C, PSPT-E		
Computations:	WELLCAD, BORDYN		

<b>Error Summary</b>	File: RST_PSP_010LUP	Sequence: 3
No errors detected in file.		

<b>Well Site Data</b>	File: RST_PSP_010LUP	Sequence: 3
<b>Origin: 35</b>		
<b>Well Data</b>		
Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-2a	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	Ausl07484978	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	49.0 (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		

<b>Job Data</b>		
Date as Month-Day-Year	20-Sep-2007	DATE
Run Number	One	RUN
Total Depth - Driller	2385.0 (m)	TDD
Total Depth - Logger	2363.0 (m)	TDL
Bottom Log Interval	2363.0 (m)	BLI
Top Log Interval	2275.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	12.9 (m)	CDF
Casing Depth To	2468.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Date Logger At Bottom	20-Sep-2007	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert.	ENGI
Witness's Name	G Rimmer	WITN
Service Order Number	Ausl07484978	SON
	Time Logger At Bottom 9:23	
	Logging Unit Location Prod4 / Ausl	
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	20-Sep-2007	DLAB, TLAB
	Time Logger At Bottom 9:23	
Absent Valued Parameters: DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT2, MRT3, DCS, TCS		

<b>PVT Data</b>		
Absent Valued Parameters: ODEN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR		
<b>Cement Data</b>		
Cement Job Type	Primary	CJT

Remarks

Log correlated to ExxonMobil composite supplied with logging program.	R1
Maximum well deviation = 49 degrees at 1270 MDKB.	R2
Objective: Conduct RST Sigma survey from HUD to 2292m MDKB making 2 Passes	R3
@ 900ft/hr with the well shut in . Perforate the well over the interval	R4
____ m to ____ m MDKB using a 2 1/8" 45deg Phased Powerjet Gun . Set 7"	R5
HPI plug with top of seal @ 2364m MDKB.	R6
Befor Gun SBHP:____psia SBHT:____degf HUD____ m MDKB	R7
After Gun SBHP:____psia SBHT:____degf	R8
SLB Crew: A Hall, C Shiells	R17

Other Services

None	OS1
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Frame Summary File: RST\_PSP\_010LUP Sequence: 3

Origin: 35

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2366.62	2278.84 m	-60.0 (0.1 in) up	121	TDEP	60B
	7764.50	7476.50 ft				
BOREHOLE-DEPTH	2366.62	2278.86 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	7764.50	7476.58 ft				

File Header File: PERFO\_020LUP Sequence: 4

Defining Origin: 99

File ID: PERFO_020LUP	File Type: DEPTH LOG				
Producer Name: Schlumberger	Product/Version: OP 14C0-302	File Set: 41	File Number: 19	21-SEP-2007	7:56:18
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A-2a				
Field Name:	Bream A				
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA				
Computations:	WELLCAD, BORDYN				

Error Summary File: PERFO\_020LUP Sequence: 4

No errors detected in file.

Well Site Data File: PERFO\_020LUP Sequence: 4

Origin: 99

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-2a	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	Ausl07484978	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	49.0 (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	20-Sep-2007	DATE
Run Number	One	RUN

Run Number	One			RUN
Total Depth – Driller	2385.0 (m)			TDD
Total Depth – Logger	2363.0 (m)			TDL
Bottom Log Interval	2363.0 (m)			BLI
Top Log Interval	2275.0 (m)			TLI
Current Casing Size	7.00 (in)			CSIZ
Casing Depth From	12.9 (m)			CDF
Casing Depth To	2468.0 (m)			CADT
Casing Grade	L–80			CASG
Casing Weight	26.0 (lbm/ft)			CWEI
Bit Size	8.50 (in)			BS
Date Logger At Bottom	20–Sep–2007	Time Logger At Bottom	9:23	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	Prod4 / Ausl	LUN, LUL
Engineer's Name	S Gilbert.			ENGI
Witness's Name	G Rimmer			WITN
Service Order Number	Ausl07484978			SON

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	20–Sep–2007	Time Logger At Bottom	9:23	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 = 49 degrees at 1270 MDKB.	R2
Objective: Conduct RST Sigma survey from HUD to 2292m MDKB making 2 Passes	R3
@ 900ft/hr with the well shut in . Perforate the well over the interval	R4
2353.3 m to 2355.6m MDKB using a 2 1/8" 45deg Phased Powerjet Gun . Set 7"	R5
HPI plug with top of seal @ 2358m MDKB.	R6
Befor Gun SBHP: 2612 psia SBHT: 207 degf HUD 2363 m MDKB	R7
After Gun SBHP: ____ psia SBHT: ____ degf	R8
Gun#1 6 CCL couldn't be logged due to limited Space .	R9
Top Shot @ 2353.3m MDKB	R10
CCL to Top Shot : 4.2 m	R11
CCL Stop Depth : 2349.1m MDKB	R12
7" Plug	R13
Top of Seal @ 2358m MDKB	R14
CCL to Top of Seal : 11.5m	R15
CCL Stop Depth : 2346.5m MDKB	R16
SLB Crew: A Hall, C Shiells	R17

Other Services

None	OS1
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Frame Summary		File: PERFO_020LUP		Sequence: 4		
Origin: 99						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2350.47	2303.83 m	-60.0 (0.1 in) up	22	TDEP	60B
	7711.50	7558.50 ft				
BOREHOLE-DEPTH	2350.47	2303.86 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	7711.50	7558.58 ft				

File Header	File: PERFO_021LUP	Sequence: 5
Defining Origin: 99		
File ID: PERFO_021LUP	File Type: DEPTH LOG	
Producer Name: Schlumberger	Product/Version: OP 14C0–302	File Set: 41
		File Number: 20
		21–SEP–2007 8:05:00
Company Name:	Esso Australia Pty Ltd.	
Well Name:	A–2a	
Field Name:	Bream A	
Tool String:	MWP_GUN, MWPT–CA, MWGT–A^	
Computations:	WELLCAD, BORDYN	

Well Site DataFile: PERFO\_021LUPSequence: 5

Origin: 99

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-2a	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	Ausl07484978	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	49.0 (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	20-Sep-2007	DATE
Run Number	One	RUN
Total Depth - Driller	2385.0 (m)	TDD
Total Depth - Logger	2363.0 (m)	TDL
Bottom Log Interval	2363.0 (m)	BLI
Top Log Interval	2275.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	12.9 (m)	CDF
Casing Depth To	2468.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Date Logger At Bottom	20-Sep-2007	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert.	ENGI
Witness's Name	G Rimmer	WITN
Service Order Number	Ausl07484978	SON
	Time Logger At Bottom 9:23	
	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	20-Sep-2007	DLAB, TLAB
	Time Logger At Bottom 9:23	

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 = 49 degrees at 1270 MDKB.	R2
Objective: Conduct RST Sigma survey from HUD to 2292m MDKB making 2 Passes	R3
@ 900ft/hr with the well shut in . Perforate the well over the interval	R4
2353.3 m to 2355.6m MDKB using a 2 1/8" 45deg Phased Powerjet Gun . Set 7"	R5
HPI plug with top of seal @ 2358m MDKB.	R6
Before Gun SBHP: 2612 psia SBHT: 207 degf HUD 2363 m MDKB	R7
After Gun SBHP: ____ psia SBHT: ____ degf	R8
Gun#1 6 CCL couldn't be logged due to limited Space	R9

Curr#1	R9
Top Shot @ 2353.3m MDKB	R10
CCL to Top Shot : 4.2 m	R11
CCL Stop Depth : 2349.1m MDKB	R12
7" Plug	R13
Top of Seal @ 2358m MDKB	R14
CCL to Top of Seal : 11.5m	R15
CCL Stop Depth : 2346.5m MDKB	R16
SLB Crew: A Hall, C Shiells	R17
Other Services	
None	OS1

Frame Summary		File: PERFO_021LUP		Sequence: 5		
Origin: 99						
<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	2355.04	2290.11 m	-60.0 (0.1 in) up	22	TDEP	60B
	7726.50	7513.50 ft				
BOREHOLE-DEPTH	2355.04	2290.14 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	7726.50	7513.58 ft				

File Header	File: PERFO_022LTP	Sequence: 6
Defining Origin: 99		
File ID: PERFO_022LTP	File Type: STATION	
Producer Name: Schlumberger	Product/Version: OP 14C0-302	File Set: 41
		File Number: 21
		21-SEP-2007 8:08:50
Company Name:	Esso Australia Pty Ltd.	
Well Name:	A-2a	
Field Name:	Bream A	
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA	
Computations:	WELLCAD, BORDYN	

Error Summary	File: PERFO_022LTP	Sequence: 6
No errors detected in file.		

Well Site Data	File: PERFO_022LTP	Sequence: 6
Origin: 99		
Well Data		
Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-2a	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	Ausl07484978	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	49.0 (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		
Job Data		
Date as Month-Day-Year	20-Sep-2007	DATE



Run Number	One			RUN
Total Depth – Driller	2385.0 (m)			TDD
Total Depth – Logger	2363.0 (m)			TDL
Bottom Log Interval	2363.0 (m)			BLI
Top Log Interval	2275.0 (m)			TLI
Current Casing Size	7.00 (in)			CSIZ
Casing Depth From	12.9 (m)			CDF
Casing Depth To	2468.0 (m)			CADT
Casing Grade	L–80			CASG
Casing Weight	26.0 (lbm/ft)			CWEI
Bit Size	8.50 (in)			BS
Date Logger At Bottom	20–Sep–2007	Time Logger At Bottom	9:23	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	Prod4 / Ausl	LUN, LUL
Engineer's Name	S Gilbert.			ENGI
Witness's Name	G Rimmer			WITN
Service Order Number	Ausl07484978			SON

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	20–Sep–2007	Time Logger At Bottom	9:23	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 = 49 degrees at 1270 MDKB.	R2
Objective: Conduct RST Sigma survey from HUD to 2292m MDKB making 2 Passes	R3
@ 900ft/hr with the well shut in . Perforate the well over the interval	R4
2353.3 m to 2355.6m MDKB using a 2 1/8" 45deg Phased Powerjet Gun . Set 7"	R5
HPI plug with top of seal @ 2358m MDKB.	R6
Befor Gun SBHP: 2612 psia SBHT: 207 degf HUD 2363 m MDKB	R7
After Gun SBHP: ____ psia SBHT: ____ degf	R8
Gun#1 6 CCL couldn't be logged due to limited Space .	R9
Top Shot @ 2353.3m MDKB	R10
CCL to Top Shot : 4.2 m	R11
CCL Stop Depth : 2349.1m MDKB	R12
7" Plug	R13
Top of Seal @ 2358m MDKB	R14
CCL to Top of Seal : 11.5m	R15
CCL Stop Depth : 2346.5m MDKB	R16
SLB Crew: A Hall, C Shiells	R17

Other Services

None	OS1
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Frame Summary	File: PERFO_022LTP	Sequence: 6
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Origin: 99						
<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	2636.82	3331.82 s	2000.0 (0.5 ms)	5	TIME;2	2000T
TIME	2636.82	3331.82 s	1000.0 (0.5 ms)	14	TIME;3	1000T
TIME	2636.82	3332.07 s	500.0 (0.5 ms)	4	TIME;4	500T

File Header	File: PERFO_026LUP	Sequence: 7
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Defining Origin: 127						
File ID: PERFO_026LUP	File Type: DEPTH LOG					
Producer Name: Schlumberger	Product/Version: OP 14C0–302	File Set: 41	File Number: 25	21–SEP–2007 10:07:08		
Company Name:	Esso Australia Pty Ltd.					
Well Name:	A–2a					
Field Name:	Bream A					
Tool String:	MWPT–CA, MWGT–AA					
Computations:	WELLCAD, BORDYN					

<b>Error Summary</b>	File: <b>PERFO_026LUP</b>	Sequence: <b>7</b>
No errors detected in file.		

<b>Well Site Data</b>	File: <b>PERFO_026LUP</b>	Sequence: <b>7</b>
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## Origin: 127

### Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-2a	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	Ausl07484978	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	49.0 (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	20-Sep-2007	DATE
Run Number	One	RUN
Total Depth - Driller	2385.0 (m)	TDD
Total Depth - Logger	2363.0 (m)	TDL
Bottom Log Interval	2363.0 (m)	BLI
Top Log Interval	2275.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	12.9 (m)	CDF
Casing Depth To	2468.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Date Logger At Bottom	20-Sep-2007	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert.	ENGI
Witness's Name	G Rimmer	WITN
Service Order Number	Ausl07484978	SON
	Time Logger At Bottom 9:23	
	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	20-Sep-2007	DLAB, TLAB
	Time Logger At Bottom 9:23	

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 = 49 degrees at 1270 MDKB.	R2

Objective: Conduct RST Sigma survey from HUD to 2292m MDKB making 2 Passes	R3
@ 900ft/hr with the well shut in . Perforate the well over the interval	R4
2353.3 m to 2355.6m MDKB using a 2 1/8" 45deg Phased Powerjet Gun . Set 7"	R5
HPI plug with top of seal @ 2358m MDKB.	R6
Before Gun SBHP: 2596 psia SBHT: 208 degf HUD 2363 m MDKB	R7
After Gun SBHP: 2605 psia SBHT: 210 degf	R8
Gun#1 6 CCL couldn't be logged due to limited Space .	R9
Top Shot @ 2353.3m MDKB	R10
CCL to Top Shot : 4.2 m	R11
CCL Stop Depth : 2349.1m MDKB	R12
7" Plug	R13
Top of Seal @ 2358m MDKB	R14
CCL to Top of Seal : 11.5m	R15
CCL Stop Depth : 2346.5m MDKB	R16
SLB Crew: A Hall, C Shiells	R17
Other Services	
None	OS1

Frame Summary File: PERFO_026LUP Sequence: 7						
Origin: 127						
<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	2364.64	2246.38 m	-60.0 (0.1 in) up	22	TDEP	60B
	7758.00	7370.00 ft				
BOREHOLE-DEPTH	2364.64	2246.40 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	7758.00	7370.08 ft				

File Header File: PERFO_037LUP Sequence: 8						
Defining Origin: 77						
File ID: PERFO_037LUP File Type: DEPTH LOG						
Producer Name: Schlumberger Product/Version: OP 14C0-302 File Set: 41 File Number: 36 21-SEP-2007 14:32:26						
Company Name: Esso Australia Pty Ltd.						
Well Name: A-2a						
Field Name: Bream A						
Tool String: SHM_GUN, CCL-L						
Computations: WELLCAD						

Error Summary File: PERFO_037LUP Sequence: 8		
No errors detected in file.		

Well Site Data File: PERFO_037LUP Sequence: 8		
Origin: 77		
Well Data		
Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-2a	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	AusI07484978	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	49.0 (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		
Job Data		
Date as Month-Day-Year	20-Sep-2007	DATE
Run Number	One	RUN

Run Number	One			RUN
Total Depth – Driller	2385.0 (m)			TDD
Total Depth – Logger	2363.0 (m)			TDL
Bottom Log Interval	2363.0 (m)			BLI
Top Log Interval	2275.0 (m)			TLI
Current Casing Size	7.00 (in)			CSIZ
Casing Depth From	12.9 (m)			CDF
Casing Depth To	2468.0 (m)			CADT
Casing Grade	L–80			CASG
Casing Weight	26.0 (lbm/ft)			CWEI
Bit Size	8.50 (in)			BS
Date Logger At Bottom	20–Sep–2007	Time Logger At Bottom	9:23	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	Prod4 / Ausl	LUN, LUL
Engineer's Name	S Gilbert.			ENGI
Witness's Name	G Rimmer			WITN
Service Order Number	Ausl07484978			SON

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	20–Sep–2007	Time Logger At Bottom	9:23	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 = 49 degrees at 1270 MDKB.	R2
Objective: Conduct RST Sigma survey from HUD to 2292m MDKB making 2 Passes	R3
@ 900ft/hr with the well shut in . Perforate the well over the interval	R4
2353.3 m to 2355.6m MDKB using a 2 1/8" 45deg Phased Powerjet Gun . Set 7"	R5
HPI plug with top of seal @ 2358m MDKB.	R6
Before Gun SBHP: 2596 psia SBHT: 208 degf HUD 2363 m MDKB	R7
After Gun SBHP: 2605 psia SBHT: 210 degf	R8
Gun#1 6 CCL couldn't be logged due to limited Space .	R9
Top Shot @ 2353.3m MDKB	R10
CCL to Top Shot : 4.2 m	R11
CCL Stop Depth : 2349.1m MDKB	R12
7" Plug	R13
Top of Seal @ 2358m MDKB	R14
CCL to Top of Seal : 11.5m	R15
CCL Stop Depth : 2346.5m MDKB	R16
SLB Crew: A Hall, C Shiells	R17

Other Services

None	OS1
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Frame Summary File: PERFO_037LUP Sequence: 8						
Origin: 77						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE–DEPTH	2326.08	2298.80 m	–60.0 (0.1 in) up	7	TDEP	60B
	7631.50	7542.00 ft				
BOREHOLE–DEPTH	2326.08	2298.83 m	–10.0 (0.1 in) up	7	TDEP;1	10B
	7631.50	7542.08 ft				

File Header	File: PERFO_038LUP	Sequence: 9
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Defining Origin: 77
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Company Name: Esso Australia Pty Ltd.

Well Name: A-2a

Field Name: Bream A

Tool String: SHM\_GUN, CCL-L

Computations: WELLCAD

**Error Summary** File: **PERFO\_038LUP** Sequence: **9**

No errors detected in file.

**Well Site Data** File: **PERFO\_038LUP** Sequence: **9****Origin: 77****Well Data**

Company Name	Esso Australia Pty Ltd.		CN
Well Name	A-2a		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	Ausl07484978		SON
Longitude	147 46'15"E		LONG
Latitude	038 30'04"S		LATI
Maximum Hole Deviation	49.0 (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

**Job Data**

Date as Month-Day-Year	20-Sep-2007		DATE
Run Number	One		RUN
Total Depth - Driller	2385.0 (m)		TDD
Total Depth - Logger	2363.0 (m)		TDL
Bottom Log Interval	2363.0 (m)		BLI
Top Log Interval	2275.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	12.9 (m)		CDF
Casing Depth To	2468.0 (m)		CADT
Casing Grade	L-80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Date Logger At Bottom	20-Sep-2007	Time Logger At Bottom 9:23	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location Prod4 / Ausl	LUN, LUL
Engineer's Name	S Gilbert.		ENGI
Witness's Name	G Rimmer		WITN
Service Order Number	Ausl07484978		SON

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	20-Sep-2007	Time Logger At Bottom 9:23	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 = 49 degrees at 1270 MDKB.  
Objective: Conduct RST Sigma survey from HUD to 2292m MDKB making 2 Passes  
@ 900ft/hr with the well shut in . Perforate the well over the interval  
2353.3 m to 2355.6m MDKB using a 2 1/8" 45deg Phased Powerjet Gun . Set 7"  
HPI plug with top of seal @ 2358m MDKB.  
Befor Gun SBHP: 2596 psia SBHT: 208 degf HUD 2363 m MDKB  
After Gun SBHP: 2605 psia SBHT: 210 degf  
Gun#1 6 CCL couldn't be logged due to limited Space .  
Top Shot @ 2353.3m MDKB  
CCL to Top Shot : 4.2 m  
CCL Stop Depth : 2349.1m MDKB  
7" Plug  
Top of Seal @ 2358m MDKB  
CCL to Top of Seal : 11.5m  
CCL Stop Depth : 2346.5m MDKB  
SLB Crew: A Hall, C Shiells

R2  
R3  
R4  
R5  
R6  
R7  
R8  
R9  
R10  
R11  
R12  
R13  
R14  
R15  
R16  
R17

### Other Services

None OS1

## Frame Summary File: PERFO\_038LUP Sequence: 9

### Origin: 77

<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	2349.40 7708.00	2299.72 m 7545.00 ft	-60.0 (0.1 in) up	7	TDEP	60B
BOREHOLE-DEPTH	2349.40 7708.00	2299.74 m 7545.08 ft	-10.0 (0.1 in) up	7	TDEP;1	10B



## Verification Listing

Listing Completed: 21-SEP-2007 15:20:55