

Input Source: D:\OP_Folder\Clients\Eso2008\FLA_A-21A\GUN\COMP_FL_A21A_COMP_044.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **PERFO_010LUP** Sequence: **1**

Defining Origin: 25

File ID: PERFO_010LUP File Type: DEPTH LOG

Producer Name: Schlumberger Product/Version: OP 15C0-309 File Set: 41 File Number: 9 12-SEP-2008 14:23:34

Company Name: Esso Australia Pty Ltd.
Well Name: A-21A
Field Name: Flounder
Tool String: MWP_GUN, MWPT-CA, MWGT-AA
Computations: WELLCAD

Error Summary File: **PERFO_010LUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **PERFO_010LUP** Sequence: **1**

Origin: 25

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-21A	WN
Field Name	Flounder	FN
Rig:	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl08602236	SON
Longitude	148 26' 17.304" S	LONG
Latitude	038 18' 44.786" E	LATI
Maximum Hole Deviation	60.0 (deg)	MHD
Elevation of Kelly Bushing	40.8 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	40.8 (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	12-Sep-2008	DATE
Run Number	One	RUN
Total Depth - Driller	3337.5 (m)	TDD
Total Depth - Logger	3337.5 (m)	TDL
Bottom Log Interval	3300.0 (m)	BLI
Top Log Interval	3275.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	20.4 (m)	CDF
Casing Depth To	3826.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.88 (in)	BS
Date Logger At Bottom	12-Sep-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	G Wright.	ENGI
Witness's Name	D Madden.	WITN
Service Order Number	Ausl08602236	SON

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	106.0 (degC)	MRT
	106.0 (degC)	MRT1
Date Logger At Bottom	12-Sep-2008	Time Logger At Bottom 14:00
Absent Valued Parameters: DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT2, MRT3, DCS, TCS		
DLAB, TLAB		
PVT Data		
Absent Valued Parameters: ODEN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR		
Cement Data		
Cement Job Type	Primary	CJT
Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA		
Remarks		
Log correlated to Solar log dated 25 Oct 2005, provided by the client.		R1
Objective:		R3
To perforate the well at 3345.2m to 3346.5m MDKB using 2 1/8" Enerjet gun loaded with PowerSpiral charges.		R4
Before perforating, obtain static FBHP and FBHT. After perforating, flow well for 15min to obtain FBHP, FBHT and also for well clean up.		R5
Static: FBHP = 3354psi, FBHT = 106degC		R6
Flowing: FBHP = 3319psi, FBHT = 107degC		R7
r		R8
		R9
		R17
Other Services		
None		OS1
Frame Summary		
File:	PERFO_010LUP	Sequence: 1
Origin: 25		
Index Type	Start	Stop
BOREHOLE-DEPTH	3330.24	3302.51 m
	10926.00	10835.00 ft
		Spacing
		-60.0 (0.1 in) up
		Channels
		22
		Index Channel
		TDEP
		Frame Name
		60B
BOREHOLE-DEPTH	3330.24	3302.53 m
	10926.00	10835.08 ft
		-10.0 (0.1 in) up
		10
		TDEP,1
		10B
File Header		
File:	PERFO_011LUP	Sequence: 2
Defining Origin: 25		
File ID:	PERFO_011LUP	File Type: DEPTH LOG
Producer Name:	Schlumberger	Product/Version: OP 15C0-309
		File Set: 41
		File Number: 10
		12-SEP-2008 14:31:41
Company Name:	Esso Australia Pty Ltd.	
Well Name:	A-21A	
Field Name:	Flounder	
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA	
Computations:	WELLCAD	
Error Summary		
File:	PERFO_011LUP	Sequence: 2
No errors detected in file.		
Well Site Data		
File:	PERFO_011LUP	Sequence: 2
Origin: 25		
Well Data		
Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-21A	WN
Field Name	Flounder	FN
Rig:	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AusI08602236	SON
Longitude	148 26' 17.304" S	LONG
Latitude	038 18' 44.786" E	LATI

Latitude

60.0 (deg)

MHD

Maximum Hole Deviation

40.8 (m)

EKB

Elevation of Kelly Bushing

-93.0 (m)

EGL

Elevation of Ground Level

40.8 (m)

EDF

Elevation of Derrick Floor

M.S.L

PDAT, EPD

Permanent Datum

D.F

LMF, APD

Log Measured From

D.F

DMF

Drilling Measured From

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

Job Data

Date as Month-Day-Year

12-Sep-2008

DATE

Run Number

One

RUN

Total Depth - Driller

3337.5 (m)

TDD

Total Depth - Logger

3337.5 (m)

TDL

Bottom Log Interval

3300.0 (m)

BLI

Top Log Interval

3275.0 (m)

TLI

Current Casing Size

7.63 (in)

CSIZ

Casing Depth From

20.4 (m)

CDF

Casing Depth To

3826.0 (m)

CADT

Casing Grade

L-80

CASG

Casing Weight

29.7 (lbm/ft)

CWEI

Bit Size

9.88 (in)

BS

Date Logger At Bottom

12-Sep-2008

Time Logger At Bottom

14:00

DLAB, TLAB

Logging Unit Number

889

Logging Unit Location

Prod4

LUN, LUL

Engineer's Name

G Wright.

ENGI

Witness's Name

D Madden.

WITN

Service Order Number

Ausl08602236

SON

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type

Production Fluids

DFT

Maximum Recorded Temperature

106.0 (degC)

MRT

106.0 (degC)

MRT1

Date Logger At Bottom

12-Sep-2008

Time Logger At Bottom

14:00

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 Solar log dated 25 Oct 2005, provided by the client.

R1

Objective:

R3

To perforate the well at 3345.2m to 3346.5m MDKB using 2 1/8" Enerjet gun loaded with PowerSpiral charges.

R4

Before perforating, obtain static FBHP and FBHT. After perforating, flow well for 15min to obtain FBHP, FBHT and also for well clean up.

R5

Static: FBHP = 3354psi, FBHT = 106degC

R6

Flowing: FBHP = 3319psi, FBHT = 107degC

R7

r

R8

R9

R17

Other Services

None

OS1

Frame Summary						
File: PERFO_011LUP		Sequence: 2				
Origin: 25						
<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	3324.30	3293.67 m	-60.0 (0.1 in) up	22	TDEP	60B
	10906.50	10806.00 ft				
BOREHOLE-DEPTH	3324.30	3293.69 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	10906.50	10806.08 ft				

File Header

File: PERFO_011LUP

Sequence: 2

File Header		File: PERFO_012LTP	Sequence: 3
Defining Origin: 25			
File ID: PERFO_012LTP File Type: STATION			
Producer Name: Schlumberger		Product/Version: OP 15C0-309	File Set: 41
		File Number: 11	12-SEP-2008 14:34:07
Company Name:	Esso Australia Pty Ltd.		
Well Name:	A-21A		
Field Name:	Flounder		
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA		
Computations:	WELLCAD		

Error Summary	File: PERFO_012LTP	Sequence: 3
No errors detected in file.		

Well Site Data	File: PERFO_012LTP	Sequence: 3
Origin: 25		
Well Data		
Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-21A	WN
Field Name	Flounder	FN
Rig:	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	Ausl08602236	SON
Longitude	148 26' 17.304" S	LONG
Latitude	038 18' 44.786" E	LATI
Maximum Hole Deviation	60.0 (deg)	MHD
Elevation of Kelly Bushing	40.8 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	40.8 (m)	EDF
Permanent Datum	M.S.L	PDAT, EPD
Log Measured From	D.F	LMF, APD (m)
Drilling Measured From	D.F	DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN		

Job Data		
Date as Month-Day-Year	12-Sep-2008	DATE
Run Number	One	RUN
Total Depth - Driller	3337.5 (m)	TDD
Total Depth - Logger	3337.5 (m)	TDL
Bottom Log Interval	3300.0 (m)	BLI
Top Log Interval	3275.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	20.4 (m)	CDF
Casing Depth To	3826.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.88 (in)	BS
Date Logger At Bottom	12-Sep-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	G Wright.	ENGI
Witness's Name	D Madden.	WITN
Service Order Number	Ausl08602236	SON
Absent Valued Parameters: BSDF, BSDT		

Mud Data		
Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	106.0 (degC)	MRT
	106.0 (degC)	MRT1
Date Logger At Bottom	12-Sep-2008	DLAB, TLAB
	Time Logger At Bottom 14:00	
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

Remarks

Log correlated to Solar log dated 25 Oct 2005, provided by the client.	R1
Objective:	R3
To perforate the well at 3345.2m to 3346.5m MDKB using 2 1/8" Enerjet gun loaded with PowerSpiral charges.	R4
Before perforating, obtain static FBHP and FBHT. After perforating, flow well for 15min to obtain FBHP, FBHT and also for well clean up.	R5
Static: FBHP = 3354psi, FBHT = 106degC	R6
Flowing: FBHP = 3319psi, FBHT = 107degC	R7
r	R8
	R9
	R17

Other Services

None	OS1
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Frame Summary File: PERFO_012LTP Sequence: 3

Origin: 25

<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	2413.06	4373.06 s	2000.0 (0.5 ms)	7	TIME;2	2000T
TIME	2413.06	4373.56 s	1000.0 (0.5 ms)	14	TIME;4	1000T
TIME	2413.06	4373.56 s	500.0 (0.5 ms)	4	TIME;5	500T

File Header File: CCL_031LUP Sequence: 4

Defining Origin: 10

File ID: CCL_031LUP	File Type: DEPTH LOG				
Producer Name: Schlumberger	Product/Version: OP 15C0-309	File Set: 41	File Number: 30	13-SEP-2008 11:07:56	
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A-21A				
Field Name:	Flounder				
Tool String:	MPEX-CA, MPSU-CA, CCL-I				
Computations:	WELLCAD				

Error Summary File: CCL_031LUP Sequence: 4

No errors detected in file.

Well Site Data File: CCL_031LUP Sequence: 4

Origin: 10

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-21A	WN
Field Name	Flounder	FN
Rig:	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AUSL08356991	SON
Longitude	148 26' 17.304" S	LONG
Latitude	038 18' 44.786" E	LATI
Maximum Hole Deviation	60.0 (deg)	MHD
Elevation of Kelly Bushing	40.8 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	40.8 (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	12-Sep-2008	DATE
Run Number	One	RUN

Run Number

Total Depth – Driller

Total Depth – Logger

Bottom Log Interval

Top Log Interval

Current Casing Size

Casing Depth From

Casing Depth To

Casing Grade

Casing Weight

Bit Size

Date Logger At Bottom

Logging Unit Number

Engineer's Name

Witness's Name

Service Order Number

3335.0 (m)

3335.0 (m)

3335.0 (m)

3275.0 (m)

7.63 (in)

20.4 (m)

3826.0 (m)

L–80

29.7 (lbm/ft)

9.88 (in)

12–Sep–2008

889

G Wright. S Gilbert

D Madden.

AUSL08356991

Time Logger At Bottom

14:15

Logging Unit Location

Prod4

RON

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

Maximum Recorded Temperature

Date Logger At Bottom

Production Fluids

223.0 (degF)

223.0 (degF)

12–Sep–2008

Time Logger At Bottom

14:15

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 Solar log dated 25 Oct 2005, provided by the client.

Maximum well deviation = 60 degrees at 757m MDKB.

Run one was a 2.5mtr 2 1/8" phased powerjet gun at 6 shots per foot.

Interval perforated was 3224m to 3226.5m MDKB.

SBHP = 3301 psia,SBHT = 220.6 degf.

No noticable change in temperature or pressure after firing the gun.

Run # 2 : Run a 2.13" Dummy Plug to HUD TAGGED @ 3337m MDKB

Run # 3 Set a 7 5/8 Posiset Plug with Top of Seal @ 3330m MDKB

Run's # 4 / 5 : Dump water . Dump approxx .8 m of cement on top of plug .

Plug # 1 @ 3330m MDKB

Top of seal @ 3330m MDKB

CCL to Top of Seal = 7.1m

CCL Stop Depth = 3322.9 m MDKB

Crew : Chris Shiells & Kev Kerr.

r

R1

R2

R3

R4

R5

R6

R7

R8

R9

R10

R11

R12

R13

R14

R17

Other Services

None

OS1

Frame Summary

File: CCL_031LUP

Sequence: 4

Origin: 10

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE–DEPTH	3312.87	3303.57 m	–60.0 (0.1 in) up	7	TDEP	60B
	10869.00	10838.50 ft				
BOREHOLE–DEPTH	3312.87	3303.60 m	–10.0 (0.1 in) up	7	TDEP;1	10B
	10869.00	10838.58 ft				

File Header

File: CCL_032LUP

Sequence: 5

Defining Origin: 10

File ID: CCL_032LUP

File Type: DEPTH LOG

Producer Name: Schlumberger

Product/Version: OP 15C0–309

File Set: 41

File Number: 31

13–SEP–2008 11:13:54

Company Name:

Well Name:

Field Name:

Tool String:

Computations:

Esso Australia Pty Ltd.

A–21A

Flounder

MPEX–CA, MPSU–CA, CCL–I

WELLCAD

No errors detected in file.

Origin: 10

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-21A	WN
Field Name	Flounder	FN
Rig:	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AUSL08356991	SON
Longitude	148 26' 17.304" S	LONG
Latitude	038 18' 44.786" E	LATI
Maximum Hole Deviation	60.0 (deg)	MHD
Elevation of Kelly Bushing	40.8 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	40.8 (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 40.8 (m)		

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

Job Data

Date as Month-Day-Year	12-Sep-2008	DATE
Run Number	One	RUN
Total Depth - Driller	3335.0 (m)	TDD
Total Depth - Logger	3335.0 (m)	TDL
Bottom Log Interval	3335.0 (m)	BLI
Top Log Interval	3275.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	20.4 (m)	CDF
Casing Depth To	3826.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.88 (in)	BS
Date Logger At Bottom	12-Sep-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	G Wright. S Gilbert	ENGI
Witness's Name	D Madden.	WITN
Service Order Number	AUSL08356991	SON
Time Logger At Bottom 14:15		
Logging Unit Location Prod4		

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	223.0 (degF)	MRT
	223.0 (degF)	MRT1
Date Logger At Bottom	12-Sep-2008	DLAB, TLAB
Time Logger At Bottom 14:15		

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 corrlated to Solar log dated 25 Oct 2005, provided by the client.	R1
Maximum well deviation = 60 degrees at 757m MDKB.	R2
Run one was a 2.5mtr 2 1/8" phased powerjet gun at 6 shots per foot.	R3
Interval perforated was 3224m to 3226.5m MDKB.	R4
SBHP = 3301 psia, SBHT = 220.6 degf.	R5
No noticable change in temperature or pressure after firing the gun.	R6
Run # 2 : Run a 2.13" Dummy Plug to HUD TAGGED @ 3337m MDKB	R7
Run # 3 Set a 7 5/8 Posiset Plug with Top of Seal @ 3330m MDKB	R8
Run's # 4 / 5 : Dump water . Dump approxx .8 m of cement on top of plug .	R9
Plug # 1 @ 3330m MDKB	R10

Flag # 1 @ 3330m MDKB	R10
Top of seal @ 3330m MDKB	R11
CCL to Top of Seal = 7.1m	R12
CCL Stop Depth = 3322.9 m MDKB	R13
Crew : Chris Shiells & Kev Kerr.	R14
r	R17
Other Services	
None	OS1

Frame Summary		File: CCL_032LUP	Sequence: 5			
Origin: 10						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	12192.00	11649.46 m	-60.0 (0.1 in) up	7	TDEP	60B
	40000.00	38220.00 ft				
BOREHOLE-DEPTH	12192.00	11649.48 m	-10.0 (0.1 in) up	4	TDEP,1	10B
	40000.00	38220.08 ft				

File Header	File: CCL_033LUP	Sequence: 6
Defining Origin: 10		
File ID: CCL_033LUP	File Type: DEPTH LOG	
Producer Name: Schlumberger	Product/Version: OP 15C0-309	File Set: 41
		File Number: 32
		13-SEP-2008 11:50:24
Company Name:	Esso Australia Pty Ltd.	
Well Name:	A-21A	
Field Name:	Flounder	
Tool String:	MPEX-CA, MPSU-CA, CCL-I	
Computations:	WELLCAD	

Error Summary	File: CCL_033LUP	Sequence: 6
No errors detected in file.		

Well Site Data	File: CCL_033LUP	Sequence: 6
Origin: 10		
Well Data		
Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-21A	WN
Field Name	Flounder	FN
Rig:	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AUSL08356991	SON
Longitude	148 26' 17.304" S	LONG
Latitude	038 18' 44.786" E	LATI
Maximum Hole Deviation	60.0 (deg)	MHD
Elevation of Kelly Bushing	40.8 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	40.8 (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	40.8 (m)
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN		
Job Data		
Date as Month-Day-Year	12-Sep-2008	DATE

Run Number	One			RUN
Total Depth – Driller	3335.0 (m)			TDD
Total Depth – Logger	3335.0 (m)			TDL
Bottom Log Interval	3335.0 (m)			BLI
Top Log Interval	3275.0 (m)			TLI
Current Casing Size	7.63 (in)			CSIZ
Casing Depth From	20.4 (m)			CDF
Casing Depth To	3826.0 (m)			CADT
Casing Grade	L–80			CASG
Casing Weight	29.7 (lbm/ft)			CWEI
Bit Size	9.88 (in)			BS
Date Logger At Bottom	12–Sep–2008	Time Logger At Bottom	14:15	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	Prod4	LUN, LUL
Engineer's Name	G Wright. S Gilbert			ENGI
Witness's Name	D Madden.			WITN
Service Order Number	AUSL08356991			SON

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	223.0 (degF)			MRT
	223.0 (degF)			MRT1
Date Logger At Bottom	12–Sep–2008	Time Logger At Bottom	14:15	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 corrlated to Solar log dated 25 Oct 2005, provided by the client.	R1
Maximum well deviation = 60 degrees at 757m MDKB.	R2
Run one was a 2.5mtr 2 1/8" phased powerjet gun at 6 shots per foot.	R3
Interval perforated was 3224m to 3226.5m MDKB.	R4
SBHP = 3301 psia,SBHT = 220.6 degf.	R5
No noticable change in temperature or pressure after firing the gun.	R6
Run # 2 : Run a 2.13" Dummy Plug to HUD TAGGED @ 3337m MDKB	R7
Run # 3 Set a 7 5/8 Posiset Plug with Top of Seal @ 3330m MDKB	R8
Run's # 4 / 5 : Dump water . Dump approxx .8 m of cement on top of plug .	R9
Plug # 1 @ 3330m MDKB	R10
Top of seal @ 3330m MDKB	R11
CCL to Top of Seal = 7.1m	R12
CCL Stop Depth = 3322.9 m MDKB	R13
Crew : Chris Shiells & Kev Kerr.	R14
r	R17

Other Services

None	OS1
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Frame Summary File: CCL_033LUP Sequence: 6						
Origin: 10						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE–DEPTH	3322.78	3287.88 m	–60.0 (0.1 in) up	7	TDEP	60B
	10901.50	10787.00 ft				
BOREHOLE–DEPTH	3322.78	3287.90 m	–10.0 (0.1 in) up	7	TDEP,1	10B
	10901.50	10787.08 ft				

File Header		File: PERFO_040LUP	Sequence: 7
Defining Origin: 36			
File ID: PERFO_040LUP		File Type: DEPTH LOG	
Producer Name: Schlumberger		Product/Version: OP 15C0–309	File Set: 41
		File Number: 39	13–SEP–2008 14:12:34
Company Name:	Esso Australia Pty Ltd.		
Well Name:	A–21A		
Field Name:	Flounder		
Tool String:	SHM_GUN, CCL–L		
Computations:	WELLCAD		

Error Summary	File: PERFO_040LUP	Sequence: 7
No errors detected in file.		

Well Site Data	File: PERFO_040LUP	Sequence: 7
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Origin: 36

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-21A	WN
Field Name	Flounder	FN
Rig:	Prod 4 / Crane	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AUSL08356991	SON
Longitude	148 26' 17.304" S	LONG
Latitude	038 18' 44.786" E	LATI
Maximum Hole Deviation	60.0 (deg)	MHD
Elevation of Kelly Bushing	40.8 (m)	EKB
Elevation of Ground Level	-93.0 (m)	EGL
Elevation of Derrick Floor	40.8 (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 40.8 (m)	

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

Job Data

Date as Month-Day-Year	12-Sep-2008	DATE
Run Number	One	RUN
Total Depth - Driller	3335.0 (m)	TDD
Total Depth - Logger	3335.0 (m)	TDL
Bottom Log Interval	3335.0 (m)	BLI
Top Log Interval	3275.0 (m)	TLI
Current Casing Size	7.63 (in)	CSIZ
Casing Depth From	20.4 (m)	CDF
Casing Depth To	3826.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	29.7 (lbm/ft)	CWEI
Bit Size	9.88 (in)	BS
Date Logger At Bottom	12-Sep-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	G Wright. S Gilbert	ENGI
Witness's Name	D Madden.	WITN
Service Order Number	AUSL08356991	SON
	Time Logger At Bottom 14:15	
	Logging Unit Location Prod4	

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	223.0 (degF)	MRT
	223.0 (degF)	MRT1
Date Logger At Bottom	12-Sep-2008	DLAB, TLAB
	Time Logger At Bottom 14:15	

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 Solar log dated 25 Oct 2005, provided by the client.	R1
Maximum well deviation = 60 degrees at 757m MDKB.	R2

Run one was a 2.5mtr 2 1/8" phased powerjet gun at 6 shots per foot.	R3
Interval perforated was 3324m to 3326.5m MDKB.	R4
SBHP = 3301 psia,SBHT = 220.6 degf.	R5
No noticable change in temperature or pressure after firing the gun.	R6
Run # 2 : Run a 2.13" Dummy Plug to HUD TAGGED @ 3337m MDKB	R7
Run # 3 Set a 7 5/8 Posiset Plug with Top of Seal @ 3330m MDKB	R8
Run's # 4 / 5 : Dump water . Dump approxx .8 m of cement on top of plug .	R9
Plug # 1 @ 3330m MDKB	R10
Top of seal @ 3330m MDKB	R11
CCL to Top of Seal = 7.1m	R12
CCL Stop Depth = 3322.9 m MDKB	R13
Crew : Chris Shiells & Kev Kerr.	R14
r	R17
Other Services	
None	OS1

Frame Summary		File: PERFO_040LUP	Sequence: 7			
Origin: 36						
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	3321.86	3270.05 m	-60.0 (0.1 in) up	7	TDEP	60B
	10898.50	10728.50 ft				
BOREHOLE-DEPTH	3321.86	3270.07 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	10898.50	10728.58 ft				

File Header		File: PERFO_043LUP	Sequence: 8	
Defining Origin: 36				
File ID: PERFO_043LUP File Type: DEPTH LOG				
Producer Name: Schlumberger		Product/Version: OP 15C0-309	File Set: 41	File Number: 42 13-SEP-2008 16:03:23
Company Name:	Esso Australia Pty Ltd.			
Well Name:	A-21A			
Field Name:	Flounder			
Tool String:	SHM_GUN, CCL-L			
Computations:	WELLCAD			

Error Summary	File: PERFO_043LUP	Sequence: 8
No errors detected in file.		

Well Site Data		File: PERFO_043LUP	Sequence: 8
Origin: 36			
Well Data			
Company Name	Esso Australia Pty Ltd.		CN
Well Name	A-21A		WN
Field Name	Flounder		FN
Rig:	Prod 4 / Crane		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Service Order Number	AUSL08356991		SON
Longitude	148 26' 17.304" S		LONG
Latitude	038 18' 44.786" E		LATI
Maximum Hole Deviation	60.0 (deg)		MHD
Elevation of Kelly Bushing	40.8 (m)		EKB
Elevation of Ground Level	-93.0 (m)		EGL
Elevation of Derrick Floor	40.8 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	D.F	Above Permanent Datum 40.8 (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	12-Sep-2008	DATE
Run Number	One	RUN
Total Depth	3325.0 (m)	TDD

Total Depth – Driller	3335.0 (m)			TDL
Total Depth – Logger	3335.0 (m)			BLI
Bottom Log Interval	3335.0 (m)			TLI
Top Log Interval	3275.0 (m)			CSIZ
Current Casing Size	7.63 (in)			CDF
Casing Depth From	20.4 (m)			CADT
Casing Depth To	3826.0 (m)			CASG
Casing Grade	L–80			CWEI
Casing Weight	29.7 (lbm/ft)			BS
Bit Size	9.88 (in)			DLAB, TLAB
Date Logger At Bottom	12–Sep–2008	Time Logger At Bottom	14:15	LUN, LUL
Logging Unit Number	889	Logging Unit Location	Prod4	ENGI
Engineer's Name	G Wright. S Gilbert			WITN
Witness's Name	D Madden.			SON
Service Order Number	AUSL08356991			

Absent Valued Parameters: BSDF, BSDT

Mud Data

Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	223.0 (degF)			MRT
	223.0 (degF)			MRT1
Date Logger At Bottom	12–Sep–2008	Time Logger At Bottom	14:15	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 Solar log dated 25 Oct 2005, provided by the client.	R1
Maximum well deviation = 60 degrees at 757m MDKB.	R2
Run one was a 2.5mtr 2 1/8" phased powerjet gun at 6 shots per foot.	R3
Interval perforated was 3324m to 3326.5m MDKB.	R4
SBHP = 3301 psia, SBHT = 220.6 degf.	R5
No noticable change in temperature or pressure after firing the gun.	R6
Run # 2 : Run a 2.13" Dummy Plug to HUD TAGGED @ 3337m MDKB	R7
Run # 3 Set a 7 5/8 Posiset Plug with Top of Seal @ 3330m MDKB	R8
Run's # 4 / 5 : Dump water . Dump approxx .8 m of cement on top of plug .	R9
Plug # 1 @ 3330m MDKB	R10
Top of seal @ 3330m MDKB	R11
CCL to Top of Seal = 7.1m	R12
CCL Stop Depth = 3322.9 m MDKB	R13
Crew : Chris Shiells & Kev Kerr.	R14
r	R17

Other Services

None	OS1
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Frame Summary File: PERFO_043LUP Sequence: 8

Origin: 36

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE–DEPTH	3323.08	3273.86 m	–60.0 (0.1 in) up	7	TDEP	60B
	10902.50	10741.00 ft				
BOREHOLE–DEPTH	3323.08	3273.88 m	–10.0 (0.1 in) up	7	TDEP;1	10B
	10902.50	10741.08 ft				



Verification Listing

Listing Completed: 13–SEP–2008 16:13:07