

**Input Source:** D:\OP\_Folder\Clients\Eso2008\_OP16\HLA\_A5B\GUN\COMP\_HLA\_A5B\_COMP\_061.DLIS  
**Format:** DLIS  
**Storage Set ID:** Default Storage Set

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

**File Header** File: **FCS\_ILS\_PSP\_019PUP** Sequence: **1**

**Defining Origin: 110**

File ID: FCS\_ILS\_PSP\_019PUP File Type: PLAYBACK

Producer Name: Schlumberger

Product/Version: OP 16C0-147

File Set: 41

File Number: 18

27-DEC-2008 12:20:37

Company Name: Esso Australia Pty Ltd.

Well Name: A-5B

Field Name: Halibut

Tool String: PFCS-A, PILS-A, PSPT-I

Computations: WELLCAD, SPRI, BORDYN, PLQL

**Error Summary** File: **FCS\_ILS\_PSP\_019PUP** Sequence: **1**

No errors detected in file.

**Well Site Data** File: **FCS\_ILS\_PSP\_019PUP** Sequence: **1**

**Origin: 110**

**Well Data**

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-5B	WN
Field Name	Halibut	FN
Rig:	Crane / Prod 4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AXWT-00095	SON
Longitude	148°19' 07.62"E	LONG
Latitude	38°24' 20.36"S	LATI
Maximum Hole Deviation	42.0 (deg)	MHD
Elevation of Kelly Bushing	29.5 (m)	EKB
Elevation of Ground Level	-73.0 (m)	EGL
Elevation of Derrick Floor	29.5 (m)	EDF
Permanent Datum	M.S.L	PDAT, EPD
Log Measured From	K.B	LMF, APD
Drilling Measured From	K.B	DMF
	Elevation of Permanent Datum	0.0 (m)
	Above Permanent Datum	29.5 (m)

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

**Job Data**

Date as Month-Day-Year	27-Dec-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2968.0 (m)	TDD
Total Depth - Logger	2936.0 (m)	TDL
Bottom Log Interval	2936.0 (m)	BLI
Top Log Interval	2815.0 (m)	TLI
Current Casing Size	2.88 (in)	CSIZ
Casing Depth From	12.4 (m)	CDF
Casing Depth To	2965.0 (m)	CADT
Casing Grade	13CR-80	CASG
Casing Weight	6.40 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	567.0 (m)	BSDF
Bit Size Depth To	3004.0 (m)	BSDT
Date Logger At Bottom	27-Dec-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert	ENGI
Witness's Name	D Madden	WITN
Service Order Number	AXWT-00095	SON
	Time Logger At Bottom	7:25
	Logging Unit Location	Prod 4 / AUSL

**Mud Data**

Mud Data		DFT	
Drilling Fluid Type	Production Fluids	MRT	
Maximum Recorded Temperature	228.0 (degF)	MRT1	
	228.0 (degF)	DLAB, TLAB	
Date Logger At Bottom	27-Dec-2008	Time Logger At Bottom	7:25
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 Composite log supplied with logging program.			R1
Maximum well deviation = 42 deg @ 1119m MDKB.			R2
Objectives: Conduct Static and Flowing Spinner Survey between the Packers @ 2855m and 2816m MDKB to determine			R3
the exact location of suspected hole's in the Blast Joints . Run Drift for OWEN Tubing Patch . Set OWEN Tubing Patch .			R4
Perforate the Well over the interval 2935m to 2936m MDBK using a 1m 1 11/16" PowerSpiral Gun .			R5
.			R7
Schlumberger Crew: J Light , C Shiells			R16
Other Services			
None			OS1

Frame Summary		File: FCS_ILS_PSP_019PUP	Sequence: 1			
Origin: 110						
<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	2888.59	2794.41 m	-60.0 (0.1 in) up	58	TDEP	60B
	9477.00	9168.00 ft				
BOREHOLE-DEPTH	2888.59	2794.43 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	9477.00	9168.08 ft				

<b>File Header</b>		File: FCS_ILS_PSP_024PUP	Sequence: 2
<b>Defining Origin: 110</b>			
File ID: FCS_ILS_PSP_024PUP File Type: PLAYBACK			
Producer Name: Schlumberger		Product/Version: OP 16C0-147	File Set: 41
		File Number: 23	27-DEC-2008 13:19:04
Company Name:	Esso Australia Pty Ltd.		
Well Name:	A-5B		
Field Name:	Halibut		
Tool String:	PFCS-A, PILS-A, PSPT-I		
Computations:	WELLCAD, SPRI, BORDYN, PLQL		

<b>Error Summary</b>		File: FCS_ILS_PSP_024PUP	Sequence: 2
No errors detected in file.			

<b>Well Site Data</b>		File: FCS_ILS_PSP_024PUP	Sequence: 2
<b>Origin: 110</b>			
<b>Well Data</b>			
Company Name	Esso Australia Pty Ltd.	CN	
Well Name	A-5B	WN	
Field Name	Halibut	FN	
Rig:	Crane / Prod 4	CLAB, COUN	
State:	Victoria	SLAB, STAT	
Nation	Australia	NATI	
Field Location	Gippsland	FL	
	Basin	FL1	
	Bass Strait	FL2	
Service Order Number	AXWT-00095	SON	
Longitude	148°19' 07.62"E	LONG	
Latitude	38°24' 20.36"S	LATI	

Latitude	38.24	20.30				LAT
Maximum Hole Deviation	42.0 (deg)					MHD
Elevation of Kelly Bushing	29.5 (m)					EKB
Elevation of Ground Level	-73.0 (m)					EGL
Elevation of Derrick Floor	29.5 (m)					EDF
Permanent Datum	M.S.L		Elevation of Permanent Datum	0.0 (m)		PDAT, EPD
Log Measured From	K.B		Above Permanent Datum	29.5 (m)		LMF, APD
Drilling Measured From	K.B					DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN						
<b>Job Data</b>						
Date as Month-Day-Year	27-Dec-2008					DATE
Run Number	One					RUN
Total Depth - Driller	2968.0 (m)					TDD
Total Depth - Logger	2936.0 (m)					TDL
Bottom Log Interval	2936.0 (m)					BLI
Top Log Interval	2815.0 (m)					TLI
Current Casing Size	2.88 (in)					CSIZ
Casing Depth From	12.4 (m)					CDF
Casing Depth To	2965.0 (m)					CADT
Casing Grade	13CR-80					CASG
Casing Weight	6.40 (lbm/ft)					CWEI
Bit Size	8.50 (in)					BS
Bit Size Depth From	567.0 (m)					BSDF
Bit Size Depth To	3004.0 (m)					BSDT
Date Logger At Bottom	27-Dec-2008		Time Logger At Bottom	7:25		DLAB, TLAB
Logging Unit Number	889		Logging Unit Location	Prod 4 / AUSL		LUN, LUL
Engineer's Name	S Gilbert					ENGI
Witness's Name	D Madden					WITN
Service Order Number	AXWT-00095					SON
<b>Mud Data</b>						
Drilling Fluid Type	Production Fluids					DFT
Maximum Recorded Temperature	228.0 (degF)					MRT
	228.0 (degF)					MRT1
Date Logger At Bottom	27-Dec-2008		Time Logger At Bottom	7:25		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 Solar Composite log supplied with logging program.						R1
Maximum well deviation = 42 deg @ 1119m MDKB.						R2
Objetives: Conduct Static and Flowing Spinner Survey between the Packers @ 2855m and 2816m MDKB to determine						R3
the exact location of suspected hole's in the Blast Joints . Run Drift for OWEN Tubing Patch . Set OWEN Tubing Patch .						R4
Perforate the Well over the interval 2935m to 2936m MDBK using a 1m 1 11/16" PowerSpiral Gun .						R5
.						R7
Schlumberger Crew: J Light , C Shiells						R16
<b>Other Services</b>						
None						OS1

Frame Summary		File: FCS_ILS_PSP_024PUP	Sequence: 2			
Origin: 110						
<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	2898.80	2788.16 m	-60.0 (0.1 in) up	58	TDEP	60B
	9510.50	9147.50 ft				
BOREHOLE-DEPTH	2898.80	2788.18 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	9510.50	9147.58 ft				

<b>File Header</b>						
File: FCS_ILS_PSP_024PUP		Sequence: 2				

File Header

File: FCS\_ILS\_PSP\_027PUP

Sequence: 3

Defining Origin: 110

File ID: FCS\_ILS\_PSP\_027PUP

File Type: PLAYBACK

Producer Name: Schlumberger

Product/Version: OP 16C0-147

File Set: 41

File Number: 25

27-DEC-2008 13:23:42

Company Name: Esso Australia Pty Ltd.

Well Name: A-5B

Field Name: Halibut

Tool String: PFCS-A, PILS-A, PSPT-I

Computations: WELLCAD, SPRI, BORDYN, PLQL

Error Summary		File: FCS_ILS_PSP_027PUP	Sequence: 3
No errors detected in file.			

Well Site Data		File: FCS_ILS_PSP_027PUP	Sequence: 3
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Origin: 110			
Well Data			
Company Name	Esso Australia Pty Ltd.		CN
Well Name	A-5B		WN
Field Name	Halibut		FN
Rig:	Crane / Prod 4		CLAB, COUN
State:	Victoria		SLAB, STAT
Nation	Australia		NATI
Field Location	Gippsland		FL
	Basin		FL1
	Bass Strait		FL2
Service Order Number	AXWT-00095		SON
Longitude	148°19' 07.62"E		LONG
Latitude	38°24' 20.36"S		LATI
Maximum Hole Deviation	42.0 (deg)		MHD
Elevation of Kelly Bushing	29.5 (m)		EKB
Elevation of Ground Level	-73.0 (m)		EGL
Elevation of Derrick Floor	29.5 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	K.B	Above Permanent Datum 29.5 (m)	LMF, APD
Drilling Measured From	K.B		DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN			

Job Data			
Date as Month-Day-Year	27-Dec-2008		DATE
Run Number	One		RUN
Total Depth - Driller	2968.0 (m)		TDD
Total Depth - Logger	2936.0 (m)		TDL
Bottom Log Interval	2936.0 (m)		BLI
Top Log Interval	2815.0 (m)		TLI
Current Casing Size	2.88 (in)		CSIZ
Casing Depth From	12.4 (m)		CDF
Casing Depth To	2965.0 (m)		CADT
Casing Grade	13CR-80		CASG
Casing Weight	6.40 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	567.0 (m)		BSDF
Bit Size Depth To	3004.0 (m)		BSDT
Date Logger At Bottom	27-Dec-2008	Time Logger At Bottom 7:25	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location Prod 4 / AUSL	LUN, LUL
Engineer's Name	S Gilbert		ENGI
Witness's Name	D Madden		WITN
Service Order Number	AXWT-00095		SON

Mud Data			
Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	228.0 (degF)		MRT
	228.0 (degF)		MRT1
Date Logger At Bottom	27-Dec-2008	Time Logger At Bottom 7:25	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

Remarks

Log correlated to Solar Composite log supplied with logging program.  
Maximum well deviation = 42 deg @ 1119m MDKB.  
Objectives: Conduct Static and Flowing Spinner Survey between the Packers @ 2855m and 2816m MDKB to determine the exact location of suspected hole's in the Blast Joints . Run Drift for OWEN Tubing Patch . Set OWEN Tubing Patch .  
Perforate the Well over the interval 2935m to 2936m MDBK using a 1m 1 11/16" PowerSpiral Gun .  
.  
Schlumberger Crew: J Light , C Shiells

R1  
R2  
R3  
R4  
R5  
R7  
R16

Other Services

None

OS1

Frame Summary      File: FCS\_ILS\_PSP\_027PUP      Sequence: 3

Origin: 110

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2886.61	2784.50 m	-60.0 (0.1 in) up	58	TDEP	60B
	9470.50	9135.50 ft				
BOREHOLE-DEPTH	2886.61	2784.53 m	-10.0 (0.1 in) up	4	TDEP;1	10B
	9470.50	9135.58 ft				

File Header      File: PERFO\_033PUP      Sequence: 4

Defining Origin: 55

File ID: PERFO\_033PUP    File Type: PLAYBACK  
Producer Name: Schlumberger      Product/Version: OP 16C0-147      File Set: 41      File Number: 31      27-DEC-2008 16:46:12  
Company Name:    Esso Australia Pty Ltd.  
Well Name:        A-5B  
Field Name:        Halibut  
Tool String:       SHM\_GUN-OWEN TUBING PATCH, CCL-L  
Computations:    WELLCAD

Error Summary      File: PERFO\_033PUP      Sequence: 4

No errors detected in file.

Well Site Data      File: PERFO\_033PUP      Sequence: 4

Origin: 55

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-5B	WN
Field Name	Halibut	FN
Rig:	Crane / Prod 4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
		SON
Service Order Number	AXWT-00095	LONG
Longitude	148°19' 07.62"E	LATI
Latitude	38°24' 20.36"S	MHD
Maximum Hole Deviation	42.0 (deg)	EKB
Elevation of Kelly Bushing	29.5 (m)	EGL
Elevation of Ground Level	-73.0 (m)	EDF
Elevation of Derrick Floor	29.5 (m)	PDAT, EPD
Permanent Datum	M.S.L	LMF, APD DMF
Log Measured From	K.B	
Drilling Measured From	K.B	

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

Job Data

Date as Month-Day-Year      27-Dec-2008  
Run Number                      One

DATE  
RUN

Run Number	One				RUN
Total Depth – Driller	2968.0 (m)				TDD
Total Depth – Logger	2936.0 (m)				TDL
Bottom Log Interval	2936.0 (m)				BLI
Top Log Interval	2815.0 (m)				TLI
Current Casing Size	2.88 (in)				CSIZ
Casing Depth From	12.4 (m)				CDF
Casing Depth To	2965.0 (m)				CADT
Casing Grade	13CR–80				CASG
Casing Weight	6.40 (lbm/ft)				CWEI
Bit Size	8.50 (in)				BS
Bit Size Depth From	567.0 (m)				BSDF
Bit Size Depth To	3004.0 (m)				BSDT
Date Logger At Bottom	27–Dec–2008	Time Logger At Bottom	7:25		DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	Prod 4 / AUSL		LUN, LUL
Engineer's Name	S Gilbert				ENGI
Witness's Name	D Madden				WITN
Service Order Number	AXWT–00095				SON
<b>Mud Data</b>					
Drilling Fluid Type	Production Fluids				DFT
Maximum Recorded Temperature	228.0 (degF)				MRT
	228.0 (degF)				MRT1
Date Logger At Bottom	27–Dec–2008	Time Logger At Bottom	7:25		DLAB, TLAB
Absent Valued Parameters: DFD, DFV, DFL, DFP, 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 Solar Composite log supplied with logging program.					R1
Maximum well deviation = 42 deg @ 1119m MDKB.					R2
Objetives: Conduct Static and Flowing Spinner Survey between the Packers @ 2855m and 2816m MDKB to determine					R3
the exact location of suspected hole's in the Blast Joints . Run Drift for OWEN Tubing Patch . Set OWEN Tubing Patch .					R4
Perforate the Well over the interval 2935m to 2936m MDBK using a 1m 1 11/16" PowerSpiral Gun .					R5
HUD: not tagged with Logging tools					R6
Hole detected in tubing between 2844m and 2846m MDKB .					R7
Tubing Patch Correlated to CCL on Spinner Survey .					R8
Schlumberger Crew: J Light , C Shiells					R17
<b>Other Services</b>					
None					OS1

<b>Frame Summary</b>							File: <b>PERFO_033PUP</b>	Sequence: <b>4</b>
<b>Origin: 55</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	2853.39	2778.40 m	-60.0 (0.1 in) up	7	TDEP	60B		
	9361.50	9115.50 ft						
BOREHOLE-DEPTH	2853.39	2778.43 m	-10.0 (0.1 in) up	7	TDEP;1	10B		
	9361.50	9115.58 ft						

<b>File Header</b>							File: <b>PERFO_041LUP</b>	Sequence: <b>5</b>
<b>Defining Origin: 107</b>								
File ID: PERFO_041LUP							File Type: DEPTH LOG	
Producer Name: Schlumberger		Product/Version: OP 16C0-147			File Set: 41	File Number: 39	28-DEC-2008 8:36:05	
Company Name:	Esso Australia Pty Ltd.							
Well Name:	A-5B							
Field Name:	Halibut							
Tool String:	SHM_GUN, CCL-L							
Computations:	WELLCAD							

Well Site DataFile: PERFO\_041LUPSequence: 5

Origin: 107

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-5B	WN
Field Name	Halibut	FN
Rig:	Crane / Prod 4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AXWT-00095	SON
Longitude	148°19' 07.62"E	LONG
Latitude	38°24' 20.36"S	LATI
Maximum Hole Deviation	42.0 (deg)	MHD
Elevation of Kelly Bushing	29.5 (m)	EKB
Elevation of Ground Level	-73.0 (m)	EGL
Elevation of Derrick Floor	29.5 (m)	EDF
Permanent Datum	M.S.L	PDAT, EPD
Log Measured From	K.B	LMF, APD
Drilling Measured From	K.B	DMF
Elevation of Permanent Datum 0.0 (m)		
Above Permanent Datum 29.5 (m)		

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

Job Data

Date as Month-Day-Year	27-Dec-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2968.0 (m)	TDD
Total Depth - Logger	2936.0 (m)	TDL
Bottom Log Interval	2936.0 (m)	BLI
Top Log Interval	2815.0 (m)	TLI
Current Casing Size	2.88 (in)	CSIZ
Casing Depth From	12.4 (m)	CDF
Casing Depth To	2965.0 (m)	CADT
Casing Grade	13CR-80	CASG
Casing Weight	6.40 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	567.0 (m)	BSDF
Bit Size Depth To	3004.0 (m)	BSDT
Date Logger At Bottom	27-Dec-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert	ENGI
Witness's Name	D Madden	WITN
Service Order Number	AXWT-00095	SON
Time Logger At Bottom 7:25		
Logging Unit Location Prod 4 / AUSL		

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	228.0 (degF)	MRT
	228.0 (degF)	MRT1
Date Logger At Bottom	27-Dec-2008	DLAB, TLAB
Time Logger At Bottom 7:25		

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 Composite log supplied with logging program.	R1
Maximum well deviation = 42 deg @ 1119m MDKB.	R2
Objetives: Conduct Static and Flowing Spinner Survey between the Packers @ 2855m and 2816m MDKB to determine the exact location of suspected hole's in the Blast Joints . Run Drift for OWEN Tubing Patch . Set OWEN Tubing Patch .	R3
Perforate the Well over the interval 2935m to 2936m MDBK using a 1m 1 11/16" PowerSpiral Gun .	R4
HUD: not tagged with Logging tools	R5
Hole detected in tubing between 2844m and 2846m MDKB .	R6
Tubing Patch Correlated to CCL on Spinner Survey .	R7
Tubing Patch top of Seal to be set @ 2841.3m to 2847.8m MDKB	R8
	R9

CCL to Top of Seal = 3.78 m	R10
CCL Stop Depth = 2837.52 m MDKB .	R11
Perforation Top Shot @ 2935m	R13
CCL to Top Shot = m	R14
CCL Stop Depth = m MDKB	R15
Schlumberger Crew: J Light , C Shiells	R17
<b>Other Services</b>	
None	OS1

<b>Frame Summary</b>	File: <b>PERFO_041LUP</b>	Sequence: <b>5</b>
<b>Origin: 107</b>		
<div><div>Index Type</div><div>BOREHOLE-DEPTH</div></div>	<div><div>Start</div><div>2830.98 9288.00</div></div> <div><div>Stop</div><div>2797.15 m 9177.00 ft</div></div> <div><div>Spacing</div><div>-60.0 (0.1 in) up</div></div> <div><div>Channels</div><div>7</div></div> <div><div>Index Channel</div><div>TDEP</div></div> <div><div>Frame Name</div><div>60B</div></div>	
<div><div>BOREHOLE-DEPTH</div></div>	<div><div>2830.98 9288.00</div></div> <div><div>2797.18 m 9177.08 ft</div></div> <div><div>-10.0 (0.1 in) up</div></div> <div><div>7</div></div> <div><div>TDEP,1</div></div> <div><div>10B</div></div>	

<b>File Header</b>	File: <b>PERFO_042LUP</b>	Sequence: <b>6</b>
<b>Defining Origin: 107</b>		
File ID: PERFO_042LUP	File Type: DEPTH LOG	
Producer Name: Schlumberger	Product/Version: OP 16C0-147	File Set: 41
		File Number: 40
		28-DEC-2008 8:43:34
Company Name:	Esso Australia Pty Ltd.	
Well Name:	A-5B	
Field Name:	Halibut	
Tool String:	SHM_GUN, CCL-L	
Computations:	WELLCAD	

<b>Error Summary</b>	File: <b>PERFO_042LUP</b>	Sequence: <b>6</b>
No errors detected in file.		

<b>Well Site Data</b>	File: <b>PERFO_042LUP</b>	Sequence: <b>6</b>
<b>Origin: 107</b>		
<b>Well Data</b>		
Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-5B	WN
Field Name	Halibut	FN
Rig:	Crane / Prod 4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AXWT-00095	SON
Longitude	148°19' 07.62"E	LONG
Latitude	38°24' 20.36"S	LATI
Maximum Hole Deviation	42.0 (deg)	MHD
Elevation of Kelly Bushing	29.5 (m)	EKB
Elevation of Ground Level	-73.0 (m)	EGL
Elevation of Derrick Floor	29.5 (m)	EDF
Permanent Datum	M.S.L	PDAT, EPD
Log Measured From	K.B	LMF, APD
Drilling Measured From	K.B	DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN		
<b>Job Data</b>		
Date as Month-Day-Year	27-Dec-2008	DATE



Run Number	One			RUN
Total Depth – Driller	2968.0 (m)			TDD
Total Depth – Logger	2936.0 (m)			TDL
Bottom Log Interval	2936.0 (m)			BLI
Top Log Interval	2815.0 (m)			TLI
Current Casing Size	2.88 (in)			CSIZ
Casing Depth From	12.4 (m)			CDF
Casing Depth To	2965.0 (m)			CADT
Casing Grade	13CR-80			CASG
Casing Weight	6.40 (lbm/ft)			CWEI
Bit Size	8.50 (in)			BS
Bit Size Depth From	567.0 (m)			BPDF
Bit Size Depth To	3004.0 (m)			BSDT
Date Logger At Bottom	27-Dec-2008	Time Logger At Bottom	7:25	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	Prod 4 / AUSL	LUN, LUL
Engineer's Name	S Gilbert			ENGI
Witness's Name	D Madden			WITN
Service Order Number	AXWT-00095			SON

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	228.0 (degF)	MRT
	228.0 (degF)	MRT1
Date Logger At Bottom	27-Dec-2008	Time Logger At Bottom 7:25
		DLAB, TLAB

## PVT Data

## Cement Data

### Remarks

**Frame Summary**      File: **PERFO\_042LUP**      Sequence: **6**

<b>Error Summary</b>	File: <b>PERFO_053LUP</b>	Sequence: <b>7</b>
No errors detected in file.		

<b>Well Site Data</b>	File: <b>PERFO_053LUP</b>	Sequence: <b>7</b>
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### Origin: 13

#### Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-5B	WN
Field Name	Halibut	FN
Rig:	Crane / Prod 4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AXWT-00095	SON
Longitude	148°19' 07.62"E	LONG
Latitude	38°24' 20.36"S	LATI
Maximum Hole Deviation	42.0 (deg)	MHD
Elevation of Kelly Bushing	29.5 (m)	EKB
Elevation of Ground Level	-73.0 (m)	EGL
Elevation of Derrick Floor	29.5 (m)	EDF
Permanent Datum	M.S.L	PDAT, EPD
Log Measured From	K.B	LMF, APD
Drilling Measured From	K.B	DMF
Elevation of Permanent Datum 0.0 (m)		
Above Permanent Datum 29.5 (m)		

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

#### Job Data

Date as Month-Day-Year	27-Dec-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2968.0 (m)	TDD
Total Depth - Logger	2936.0 (m)	TDL
Bottom Log Interval	2936.0 (m)	BLI
Top Log Interval	2815.0 (m)	TLI
Current Casing Size	2.88 (in)	CSIZ
Casing Depth From	12.4 (m)	CDF
Casing Depth To	2965.0 (m)	CADT
Casing Grade	13CR-80	CASG
Casing Weight	6.40 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	567.0 (m)	BSDF
Bit Size Depth To	3004.0 (m)	BSDT
Date Logger At Bottom	27-Dec-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert	ENGI
Witness's Name	D Madden	WITN
Service Order Number	AXWT-00095	SON
Time Logger At Bottom 7:25		
Logging Unit Location Prod 4 / AUSL		

#### Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	223.0 (degF)	MRT
	223.0 (degF)	MRT1
Date Logger At Bottom	27-Dec-2008	DLAB, TLAB
Time Logger At Bottom 7:25		

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 Composite log supplied with logging program.	R1
Minimum depth of penetration 12.4 m @ 14.4 m MDKB	R2

Maximum well deviation = 42 deg @ 1119m MDKB.	R2
Objectives: Conduct Static and Flowing Spinner Survey between the Packers @ 2855m and 2816m MDKB to determine the exact location of suspected hole's in the Blast Joints . Run Drift for OWEN Tubing Patch . Set OWEN Tubing Patch . Perforate the Well over the interval 2935m to 2936m MDBK using a 1m 1 11/16" PowerSpiral Gun .	R3
HUD: not tagged with Logging tools	R4
Hole detected in tubing between 2844m and 2846m MDKB .	R5
Tubing Patch Correlated to CCL on Spinner Survey .	R6
Tubing Patch top of Seal to be set @ 2841.3m to 2847.8m MDKB	R7
CCL to Top of Seal = 3.78 m	R8
CCL Stop Depth = 2837.52 m MDKB .	R9
Perforation Top Shot @ 2935m	R10
CCL to Top Shot = 4.2m	R11
CCL Stop Depth = 2930.8 m MDKB	R13
Before Shot SBHP:____ psia SBHT: ____Degf After Shot SBHP:____psia SBHT:____Degf	R14
Schlumberger Crew: J Light , C Shiells	R15
	R16
	R17
<b>Other Services</b>	
None	OS1

Frame Summary						
File: PERFO_053LUP		Sequence: 7				
Origin: 13						
<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	2955.19	2913.89 m	-60.0 (0.1 in) up	22	TDEP	60B
	9695.50	9560.00 ft				
BOREHOLE-DEPTH	2955.19	2913.91 m	-10.0 (0.1 in) up	10	TDEP;1	10B
	9695.50	9560.08 ft				

<b>File Header</b>	File: <b>PERFO_057LUP</b>	Sequence: <b>8</b>
<b>Defining Origin: 13</b>		
File ID: PERFO_057LUP File Type: DEPTH LOG		
Producer Name: Schlumberger	Product/Version: OP 16C0-147	File Set: 41 File Number: 55 29-DEC-2008 13:09:49
Company Name:	Esso Australia Pty Ltd.	
Well Name:	A-5B	
Field Name:	Halibut	
Tool String:	MWP_GUN, MWPT-CA, MWGT-AA	
Computations:	WELLCAD, BORDYN	

<b>Error Summary</b>	File: <b>PERFO_057LUP</b>	Sequence: <b>8</b>
No errors detected in file.		

<b>Well Site Data</b>	File: <b>PERFO_057LUP</b>	Sequence: <b>8</b>
<b>Origin: 13</b>		
<b>Well Data</b>		
Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-5B	WN
Field Name	Halibut	FN
Rig:	Crane / Prod 4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AXWT-00095	SON
Longitude	148°19' 07.62"E	LONG
Latitude	38°24' 20.36"S	LATI
Maximum Hole Deviation	42.0 (deg)	MHD
Elevation of Kelly Bushing	29.5 (m)	EKB
Elevation of Ground Level	-73.0 (m)	EGL
Elevation of Derrick Floor	29.5 (m)	EDF
Permanent Datum	M.S.L	PDAT, EPD
Log Measured From	K.B	LMF, APD
Drilling Measured From	K.B	DMF
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN		
<b>Job Data</b>		
Date as Month-Day-Year	27-Dec-2008	DATE
Run Number	One	RUN

Total Depth – Driller	2968.0 (m)			TDD
Total Depth – Logger	2936.0 (m)			TDL
Bottom Log Interval	2936.0 (m)			BLI
Top Log Interval	2815.0 (m)			TLI
Current Casing Size	2.88 (in)			CSIZ
Casing Depth From	12.4 (m)			CDF
Casing Depth To	2965.0 (m)			CADT
Casing Grade	13CR–80			CASG
Casing Weight	6.40 (lbm/ft)			CWEI
Bit Size	8.50 (in)			BS
Bit Size Depth From	567.0 (m)			BSDF
Bit Size Depth To	3004.0 (m)			BSDT
Date Logger At Bottom	27–Dec–2008	Time Logger At Bottom	7:25	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	Prod 4 / AUSL	LUN, LUL
Engineer's Name	S Gilbert			ENGI
Witness's Name	D Madden			WITN
Service Order Number	AXWT–00095			SON

Mud Data

Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	223.0 (degF)			MRT
	223.0 (degF)			MRT1
Date Logger At Bottom	27–Dec–2008	Time Logger At Bottom	7:25	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 Job Type	Primary			CJT
Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA				

Remarks

Log correlated to Solar Composite log supplied with logging program.	R1
Maximum well deviation = 42 deg @ 1119m MDKB.	R2
Objetives: Conduct Static and Flowing Spinner Survey between the Packers @ 2855m and 2816m MDKB to determine the exact location of suspected hole's in the Blast Joints . Run Drift for OWEN Tubing Patch . Set OWEN Tubing Patch .	R3
Perforate the Well over the interval 2935m to 2936m MDBK using a 1m 1 11/16" PowerSpiral Gun .	R4
HUD: not tagged with Logging tools	R5
Hole detected in tubing between 2844m and 2846m MDKB .	R6
Tubing Patch Correlated to CCL on Spinner Survey .	R7
Tubing Patch top of Seal to be set @ 2841.3m to 2847.8m MDKB	R8
CCL to Top of Seal = 3.78 m	R9
CCL Stop Depth = 2837.52 m MDKB .	R10
Perforation Top Shot @ 2935m	R11
CCL to Top Shot = 4.2m	R13
CCL Stop Depth = 2930.8 m MDKB	R14
Before Shot SBHP:____ psia SBHT: ____Degf After Shot SBHP:____psia SBHT:____Degf	R15
Schlumberger Crew: J Light , C Shiells	R16
	R17

Other Services

None	OS1
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Frame Summary File: PERFO_057LUP Sequence: 8						
Origin: 13						
<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	2955.19	2891.18 m	–60.0 (0.1 in) up	22	TDEP	60B
	9695.50	9485.50 ft				
BOREHOLE–DEPTH	2955.19	2891.21 m	–10.0 (0.1 in) up	10	TDEP;1	10B
	9695.50	9485.58 ft				

File Header File: PERFO_058LTP Sequence: 9		
Defining Origin: 13		

Company Name: Esso Australia Pty Ltd.  
Well Name: A-5B  
Field Name: Halibut  
Tool String: MWP\_GUN, MWPT-CA, MWGT-AA  
Computations: WELLCAD, BORDYN

**Error Summary** File: **PERFO\_058LTP** Sequence: **9**

No errors detected in file.

**Well Site Data** File: **PERFO\_058LTP** Sequence: **9**

**Origin: 13**

**Well Data**

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-5B	WN
Field Name	Halibut	FN
Rig:	Crane / Prod 4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	AXWT-00095	SON
Longitude	148°19' 07.62"E	LONG
Latitude	38°24' 20.36"S	LATI
Maximum Hole Deviation	42.0 (deg)	MHD
Elevation of Kelly Bushing	29.5 (m)	EKB
Elevation of Ground Level	-73.0 (m)	EGL
Elevation of Derrick Floor	29.5 (m)	EDF
Permanent Datum	M.S.L	PDAT, EPD
Log Measured From	K.B	LMF, APD
Drilling Measured From	K.B	DMF
	Elevation of Permanent Datum	0.0 (m)
	Above Permanent Datum	29.5 (m)

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

**Job Data**

Date as Month-Day-Year	27-Dec-2008	DATE
Run Number	One	RUN
Total Depth - Driller	2968.0 (m)	TDD
Total Depth - Logger	2936.0 (m)	TDL
Bottom Log Interval	2936.0 (m)	BLI
Top Log Interval	2815.0 (m)	TLI
Current Casing Size	2.88 (in)	CSIZ
Casing Depth From	12.4 (m)	CDF
Casing Depth To	2965.0 (m)	CADT
Casing Grade	13CR-80	CASG
Casing Weight	6.40 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	567.0 (m)	BSDF
Bit Size Depth To	3004.0 (m)	BSDT
Date Logger At Bottom	27-Dec-2008	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert	ENGI
Witness's Name	D Madden	WITN
Service Order Number	AXWT-00095	SON
	Time Logger At Bottom	7:25
	Logging Unit Location	Prod 4 / AUSL

**Mud Data**

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	223.0 (degF)	MRT
	223.0 (degF)	MRT1
Date Logger At Bottom	27-Dec-2008	DLAB, TLAB
	Time Logger At Bottom	7:25

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 Composite log supplied with logging program

Log correlated to Solar Composite log supplied with logging program.

Maximum well deviation = 42 deg @ 1119m MDKB.

Objetives: Conduct Static and Flowing Spinner Survey between the Packers @ 2855m and 2816m MDKB to determine the exact location of suspected hole's in the Blast Joints . Run Drift for OWEN Tubing Patch . Set OWEN Tubing Patch . Perforate the Well over the interval 2935m to 2936m MDBK using a 1m 1 11/16" PowerSpiral Gun .

HUD: not tagged with Logging tools

Hole detected in tubing between 2844m and 2846m MDKB .

Tubing Patch Correlated to CCL on Spinner Survey .

Tubing Patch top of Seal to be set @ 2841.3m to 2847.8m MDKB

CCL to Top of Seal = 3.78 m

CCL Stop Depth = 2837.52 m MDKB .

Perforation Top Shot @ 2935m

CCL to Top Shot = 4.2m

CCL Stop Depth = 2930.8 m MDKB

Before Shot SBHP:\_\_\_\_psia SBHT: \_\_\_\_Degf After Shot SBHP:\_\_\_\_psia SBHT:\_\_\_\_Degf

Schlumberger Crew: J Light , C Shiells

## Other Services

None

R1  
R2  
R3  
R4  
R5  
R6  
R7  
R8  
R9  
R10  
R11  
R13  
R14  
R15  
R16  
R17

OS1

## Frame Summary File: PERFO\_058LTP Sequence: 9

### Origin: 13

<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	18157.68	19204.68 s	2000.0 (0.5 ms)	7	TIME;2	2000T
TIME	18157.68	19204.68 s	1000.0 (0.5 ms)	14	TIME;4	1000T
TIME	18157.68	19204.68 s	500.0 (0.5 ms)	4	TIME;5	500T



## Verification Listing

Listing Completed: 29-DEC-2008 14:07:56