

Input Source: D:\OP_Folder\Clients\Ess02008_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

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

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. 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_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
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)	

Job Data

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

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, DFP, 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
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 .	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
Schlumberger Crew: J Light , C Shiells	R8
	R17

Other Services

None	OS1
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Frame Summary File: PERFO_033PUP Sequence: 4

Origin: 55

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
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				

File Header File: PERFO_041LUP Sequence: 5

Defining Origin: 107

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

No errors detected in file.

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
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 .	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
 CCL Stop Depth = 2837.52 m MDKB .
 Perforation Top Shot @ 2935m
 CCL to Top Shot = m
 CCL Stop Depth = m MDKB
 Schlumberger Crew: J Light , C Shiells

R10
 R11
 R13
 R14
 R15
 R17

Other Services

None OS1

Frame Summary File: **PERFO_041LUP** Sequence: **5**

Origin: 107

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2830.98	2797.15 m	-60.0 (0.1 in) up	7	TDEP	60B
	9288.00	9177.00 ft				
BOREHOLE-DEPTH	2830.98	2797.18 m	-10.0 (0.1 in) up	7	TDEP,1	10B
	9288.00	9177.08 ft				

File Header File: **PERFO_042LUP** Sequence: **6**

Defining Origin: 107

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

Error Summary File: **PERFO_042LUP** Sequence: **6**

No errors detected in file.

Well Site Data File: **PERFO_042LUP** Sequence: **6**

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	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
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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
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 .	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 = m	R12
CCL Stop Depth = m MDKB	R13
Schlumberger Crew: J Light , C Shiells	R14
	R15
	R16

Other Services

None	OS1
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Frame Summary File: PERFO_042LUP Sequence: 6

Origin: 107

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2847.44	2796.24 m	-60.0 (0.1 in) up	7	TDEP	60B
	9342.00	9174.00 ft				
BOREHOLE-DEPTH	2847.44	2796.11 m	-10.0 (0.1 in) up	7	TDEP,1	10B
	9342.00	9173.58 ft				

File Header File: PERFO_053LUP Sequence: 7

Defining Origin: 13

File ID: PERFO_053LUP	File Type: DEPTH LOG			
Producer Name: Schlumberger	Product/Version: OP 16C0-147	File Set: 41	File Number: 51	29-DEC-2008 9:13:45
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_053LUP Sequence: 7

No errors detected in file.

Well Site Data

File: PERFO_053LUP Sequence: 7

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, DFP, 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.
 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 .
 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

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

Other Services

None OS1

Frame Summary File: **PERFO_053LUP** Sequence: **7**

Origin: 13

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
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				

File Header File: **PERFO_057LUP** Sequence: **8**

Defining Origin: 13

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

Error Summary File: **PERFO_057LUP** Sequence: **8**

No errors detected in file.

Well Site Data File: **PERFO_057LUP** Sequence: **8**

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	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 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
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	R12
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

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	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	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 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

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

Other Services

None

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