Schlumberger Verification Listing

Listing Created: 15−MAR−2008 16:08:37
Version: 15C0−309

Input Source: D:\OP_Folder\Clients\Esso2008\BMB_B14\GUN\COMP_BMB_B14_PERFO_052.DLIS
Format: DLIS
Storage Set ID: Default Storage Set
Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **PERFO_024LUP** Sequence: **1**

Defining Origin: 112

File ID: PERFO_024LUP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 15C0−309 File Set: 41 File Number: 22 15−MAR−2008 10:17:48

Company Name: Esso Australia Pty Ltd.
Well Name: B−14
Field Name: Bream B
Tool String: MWP_GUN, MWPT−CA, MWGT−A
Computations: WELLCAD, BORDYN

Error Summary File: **PERFO_024LUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **PERFO_024LUP** Sequence: **1**

Origin: 112

Well Data

Company Name	Esso Australia Pty Ltd.		CN
Well Name	B−14		WN
Field Name	Bream B		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	AUSL08356984		SON
Longitude	148*06'15.37E		LONG
Latitude	038*35'40.34S		LATI
Maximum Hole Deviation	32.0 (deg)		MHD
Elevation of Kelly Bushing	41.7 (m)		EKB
Elevation of Ground Level	41.7 (m)		EGL
Elevation of Derrick Floor	−61.0 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	K.B	Above Permanent Datum 41.7 (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	15−Mar−2008		DATE
Run Number	1		RUN
Total Depth − Driller	2165.0 (m)		TDD
Total Depth − Logger	2165.0 (m)		TDL
Bottom Log Interval	2165.0 (m)		BLI
Top Log Interval	2100.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	20.0 (m)		CDF
Casing Depth To	2297.0 (m)		CADT
Casing Grade	L−80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.00 (in)		BS
Bit Size Depth From	712.0 (m)		BSDF
Bit Size Depth To	2300.0 (m)		BSDT
Date Logger At Bottom	15−Mar−2008	Time Logger At Bottom 12:40	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location Prod 4 / AUSL	LUN, LUL
Engineer's Name	S Gilbert		ENGI
Witness's Name	B White		WITN
Service Order Number	AUSL08356984		SON

Mud Data

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	212.0 (degF)		MRT
	212.0 (degF)		MRT1
Date Logger At Bottom	15−Mar−2008	Time Logger At Bottom 12:40	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 Solar Composite Log supplied with logging program.	R1
Objectives: Perorate the well over the interval 2143m to 2146.2m using a 2 1/8" 45deg phased Powerjet gun.	R2
Set 7" Posiset Plug with Top of Seal @ 2155m MDKB to isolate the existing perforations	R3
Maximum Well Deviation = 32 deg @ 902m MDKB	R4
HUD: 2165m MDKB	R5
Befor Gun − SBHP:−−−− psai SBHT:−−− d	R6
After Gun − SBHP:−−−− psia SBHT:−−− d	R7
Gun#1	R8
Top Shot @ 2143m MDKB	R9
CCL to Top Shot = 3.3 m	R10
CCL Stop Depth = 2139.7 m MDKB	R11
Plug Top of Seal @ 2155m MDKB	R12
CCL to Top of Seal = 7m	R13
CCL Stop Depth = 2148m MDKB	R14
CCL to Bottom of Dump Bailer = 12 m	R16
Schlumberger crews:J Annaer. C Shiells	R17

Other Services

RST−C SIGMA Survey	OS1

Frame Summary File: **PERFO_024LUP** Sequence: **1**

Origin: 112

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	2150.97 m	2122.32 m	−60.0 (0.1 in) up	22	TDEP	60B
	7057.00 ft	6963.00 ft				
BOREHOLE−DEPTH	2150.97 m	2122.35 m	−10.0 (0.1 in) up	10	TDEP;1	10B
	7057.00 ft	6963.08 ft				

File Header File: **PERFO_026LUP** Sequence: **2**

Defining Origin: 112

File ID: PERFO_026LUP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 15C0−309 File Set: 41 File Number: 24 15−MAR−2008 10:26:03

Company Name:	Esso Australia Pty Ltd.
Well Name:	B−14
Field Name:	Bream B
Tool String:	MWP_GUN, MWPT−CA, MWGT−AA
Computations:	WELLCAD, BORDYN

Error Summary File: **PERFO_026LUP** Sequence: **2**

No errors detected in file.

Well Site Data File: **PERFO_026LUP** Sequence: **2**

Origin: 112

Well Data

Company Name	Esso Australia Pty Ltd.		CN
Well Name	B−14		WN
Field Name	Bream B		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	AUSL08356984		SON
Longitude	148*06'15.37E		LONG
Latitude	038*35'40.34S		LATI
Maximum Hole Deviation	32.0 (deg)		MHD
Elevation of Kelly Bushing	41.7 (m)		EKB
Elevation of Ground Level	41.7 (m)		EGL
Elevation of Derrick Floor	−61.0 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	K.B	Above Permanent Datum 41.7 (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	15−Mar−2008		DATE
Run Number	1		RUN
Total Depth − Driller	2165.0 (m)		TDD
Total Depth − Logger	2165.0 (m)		TDL
Bottom Log Interval	2165.0 (m)		BLI
Top Log Interval	2100.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	20.0 (m)		CDF
Casing Depth To	2297.0 (m)		CADT
Casing Grade	L−80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.00 (in)		BS
Bit Size Depth From	712.0 (m)		BSDF
Bit Size Depth To	2300.0 (m)		BSDT
Date Logger At Bottom	15−Mar−2008	Time Logger At Bottom 12:40	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location Prod 4 / AUSL	LUN, LUL
Engineer's Name	S Gilbert		ENGI
Witness's Name	B White		WITN
Service Order Number	AUSL08356984		SON

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	212.0 (degF)		MRT
	212.0 (degF)		MRT1
Date Logger At Bottom	15−Mar−2008	Time Logger At Bottom 12:40	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 Solar Composite Log supplied with logging program.	R1
Objectives: Perorate the well over the interval 2143m to 2146.2m using a 2 1/8" 45deg phased Powerjet gun.	R2
Set 7" Posiset Plug with Top of Seal @ 2155m MDKB to isolate the existing perforations	R3
Maximum Well Deviation = 32 deg @ 902m MDKB	R4
HUD: 2165m MDKB	R5
Befor Gun − SBHP:−−−− psai SBHT:−−− d	R6
After Gun − SBHP:−−−− psia SBHT:−−− d	R7
Gun#1	R8
Top Shot @ 2143m MDKB	R9
CCL to Top Shot = 3.3 m	R10
CCL Stop Depth = 2139.7 m MDKB	R11
Plug Top of Seal @ 2155m MDKB	R12
CCL to Top of Seal = 7m	R13
CCL Stop Depth = 2148m MDKB	R14
CCL to Bottom of Dump Bailer = 12 m	R16
Schlumberger crews:J Annaer. C Shiells	R17

Other Services

RST−C SIGMA Survey OS1

Frame Summary File: **PERFO_026LUP** Sequence: **2**

Origin: 112

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	2151.89 m	2116.53 m	−60.0 (0.1 in) up	22	TDEP	60B
	7060.00 ft	6944.00 ft				
BOREHOLE−DEPTH	2151.89 m	2116.56 m	−10.0 (0.1 in) up	10	TDEP;1	10B
	7060.00 ft	6944.08 ft				

File Header File: **PERFO_027LTP** Sequence: **3**

Defining Origin: 112

File ID: PERFO_027LTP File Type: STATION
Producer Name: Schlumberger Product/Version: OP 15C0−309 File Set: 41 File Number: 25 15−MAR−2008 10:28:02

Company Name: Esso Australia Pty Ltd.
Well Name: B−14
Field Name: Bream B
Tool String: MWP_GUN, MWPT−CA, MWGT−AA
Computations: WELLCAD, BORDYN

Error Summary File: **PERFO_027LTP** Sequence: **3**

No errors detected in file.

Well Site Data File: **PERFO_027LTP** Sequence: **3**

Origin: 112

Well Data

Company Name	Esso Australia Pty Ltd.		CN
Well Name	B−14		WN
Field Name	Bream B		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	AUSL08356984		SON
Longitude	148*06'15.37E		LONG
Latitude	038*35'40.34S		LATI
Maximum Hole Deviation	32.0 (deg)		MHD
Elevation of Kelly Bushing	41.7 (m)		EKB
Elevation of Ground Level	41.7 (m)		EGL
Elevation of Derrick Floor	−61.0 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	K.B	Above Permanent Datum 41.7 (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	15−Mar−2008	DATE
Run Number	1	RUN
Total Depth − Driller	2165.0 (m)	TDD
Total Depth − Logger	2165.0 (m)	TDL
Bottom Log Interval	2165.0 (m)	BLI
Top Log Interval	2100.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	20.0 (m)	CDF
Casing Depth To	2297.0 (m)	CADT
Casing Grade	L−80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.00 (in)	BS

Bit Size Depth From	712.0 (m)			BSDF
Bit Size Depth To	2300.0 (m)			BSDT
Date Logger At Bottom	15−Mar−2008	Time Logger At Bottom	12:40	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	Prod 4 / AUSL	LUN, LUL
Engineer's Name	S Gilbert			ENGI
Witness's Name	B White			WITN
Service Order Number	AUSL08356984			SON

Mud Data

Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	212.0 (degF)			MRT
	212.0 (degF)			MRT1
Date Logger At Bottom	15−Mar−2008	Time Logger At Bottom	12:40	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 Solar Composite Log supplied with logging program.	R1
Objectives: Perorate the well over the interval 2143m to 2146.2m using a 2 1/8" 45deg phased Powerjet gun.	R2
Set 7" Posiset Plug with Top of Seal @ 2155m MDKB to isolate the existing perforations	R3
Maximum Well Deviation = 32 deg @ 902m MDKB	R4
HUD: 2165m MDKB	R5
Befor Gun − SBHP:−−−− psai SBHT:−−− d	R6
After Gun − SBHP:−−−− psia SBHT:−−− d	R7
Gun#1	R8
Top Shot @ 2143m MDKB	R9
CCL to Top Shot = 3.3 m	R10
CCL Stop Depth = 2139.7 m MDKB	R11
Plug Top of Seal @ 2155m MDKB	R12
CCL to Top of Seal = 7m	R13
CCL Stop Depth = 2148m MDKB	R14
CCL to Bottom of Dump Bailer = 12 m	R16
Schlumberger crews:J Annaer. C Shiells	R17

Other Services

RST−C SIGMA Survey	OS1

Frame Summary File: **PERFO_027LTP** Sequence: **3**

Origin: 112

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
TIME	1679.42	2084.42 s	2000.0 (0.5 ms)	7	TIME;2	2000T
TIME	1679.42	2084.92 s	1000.0 (0.5 ms)	14	TIME;4	1000T
TIME	1679.42	2084.92 s	500.0 (0.5 ms)	4	TIME;5	500T

File Header File: **MPBT_037LUP** Sequence: **4**

Defining Origin: 40

File ID: MPBT_037LUP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 15C0−309 File Set: 41 File Number: 35 15−MAR−2008 12:10:20

Company Name:	Esso Australia Pty Ltd.
Well Name:	B−14
Field Name:	Bream B
Tool String:	MPEX−BA, MPSU−CA, CCL−I
Computations:	WELLCAD

Error Summary File: **MPBT_037LUP** Sequence: **4**

No errors detected in file.

Well Site Data File: **MPBT_037LUP** Sequence: **4**

Origin: 40

Well Data

Company Name	Esso Australia Pty Ltd	CN

Company Name	Esso Australia Pty Ltd.		CN
Well Name	B−14		WN
Field Name	Bream B		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	AUSL08356984		SON
Longitude	148*06'15.37E		LONG
Latitude	038*35'40.34S		LATI
Maximum Hole Deviation	32.0 (deg)		MHD
Elevation of Kelly Bushing	41.7 (m)		EKB
Elevation of Ground Level	41.7 (m)		EGL
Elevation of Derrick Floor	−61.0 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	K.B	Above Permanent Datum 41.7 (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	15−Mar−2008		DATE
Run Number	1		RUN
Total Depth − Driller	2165.0 (m)		TDD
Total Depth − Logger	2165.0 (m)		TDL
Bottom Log Interval	2155.0 (m)		BLI
Top Log Interval	2100.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	20.0 (m)		CDF
Casing Depth To	2297.0 (m)		CADT
Casing Grade	L−80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.00 (in)		BS
Bit Size Depth From	712.0 (m)		BSDF
Bit Size Depth To	2300.0 (m)		BSDT
Date Logger At Bottom	15−Mar−2008	Time Logger At Bottom 12:40	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location Prod 4 / AUSL	LUN, LUL
Engineer's Name	S Gilbert		ENGI
Witness's Name	B White		WITN
Service Order Number	AUSL08356984		SON

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	214.0 (degF)		MRT
	214.0 (degF)		MRT1
Date Logger At Bottom	15−Mar−2008	Time Logger At Bottom 12:40	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 Solar Composite Log supplied with logging program.	R1
Objectives: Perorate the well over the interval 2143m to 2146.2m using a 2 1/8" 45deg phased Powerjet gun.	R2
Set 7" Posiset Plug with Top of Seal @ 2155m MDKB to isolate the existing perforations	R3
Maximum Well Deviation = 32 deg @ 902m MDKB	R4
HUD: 2165m MDKB	R5
Befor Gun − SBHP:2611.4 psai SBHT: 213.6 degf	R6
After Gun − SBHP:1618.6 psia SBHT:213.25 dgef	R7
Gun#1	R8
Top Shot @ 2143m MDKB	R9
CCL to Top Shot = 3.3 m	R10
CCL Stop Depth = 2139.7 m MDKB	R11
Plug Top of Seal @ 2155m MDKB	R12
CCL to Top of Seal = 7m	R13
CCL Stop Depth = 2148m MDKB	R14
Plug Correlated to RST log CCL .	R15
CCL to Bottom of Dump Bailer = 12 m	R16
Schlumberger crews:J Annaer. C Shiells	R17

Other Services

RST−C SIGMA Survey	OS1

Frame Summary File: **MPBT_037LUP** Sequence: **4**

Origin: 40

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	2139.70 m	2118.06 m	−60.0 (0.1 in) up	7	TDEP	60B
	7020.00 ft	6949.00 ft				
BOREHOLE−DEPTH	2139.70 m	2118.08 m	−10.0 (0.1 in) up	7	TDEP;1	10B
	7020.00 ft	6949.08 ft				

File Header File: **MPBT_040LUP** Sequence: **5**

Defining Origin: 29

File ID: MPBT_040LUP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 15C0−309 File Set: 41 File Number: 38 15−MAR−2008 12:39:47

Company Name: Esso Australia Pty Ltd.
Well Name: B−14
Field Name: Bream B
Tool String: MPEX−BA, MPSU−CA, CCL−I
Computations: WELLCAD

Error Summary File: **MPBT_040LUP** Sequence: **5**

No errors detected in file.

Well Site Data File: **MPBT_040LUP** Sequence: **5**

Origin: 29

Well Data

Company Name	Esso Australia Pty Ltd.		CN
Well Name	B−14		WN
Field Name	Bream B		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	AUSL08356984		SON
Longitude	148*06'15.37E		LONG
Latitude	038*35'40.34S		LATI
Maximum Hole Deviation	32.0 (deg)		MHD
Elevation of Kelly Bushing	41.7 (m)		EKB
Elevation of Ground Level	41.7 (m)		EGL
Elevation of Derrick Floor	−61.0 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	K.B	Above Permanent Datum 41.7 (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	15−Mar−2008	DATE
Run Number	1	RUN
Total Depth − Driller	2165.0 (m)	TDD
Total Depth − Logger	2165.0 (m)	TDL
Bottom Log Interval	2155.0 (m)	BLI
Top Log Interval	2100.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	20.0 (m)	CDF
Casing Depth To	2297.0 (m)	CADT
Casing Grade	L−80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI

Bit Size	8.00 (in)			BS
Bit Size Depth From	712.0 (m)			BSDF
Bit Size Depth To	2300.0 (m)			BSDT
Date Logger At Bottom	15−Mar−2008	Time Logger At Bottom	12:40	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	Prod 4 / AUSL	LUN, LUL
Engineer's Name	S Gilbert			ENGI
Witness's Name	B White			WITN
Service Order Number	AUSL08356984			SON

Mud Data

Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	214.0 (degF)			MRT
	214.0 (degF)			MRT1
Date Logger At Bottom	15−Mar−2008	Time Logger At Bottom	12:40	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 Solar Composite Log supplied with logging program.	R1
Objectives: Perorate the well over the interval 2143m to 2146.2m using a 2 1/8" 45deg phased Powerjet gun.	R2
Set 7" Posiset Plug with Top of Seal @ 2155m MDKB to isolate the existing perforations	R3
Maximum Well Deviation = 32 deg @ 902m MDKB	R4
HUD: 2165m MDKB	R5
Befor Gun − SBHP:2611.4 psai SBHT: 213.6 degf	R6
After Gun − SBHP:1618.6 psia SBHT:213.25 dgef	R7
Gun#1	R8
Top Shot @ 2143m MDKB	R9
CCL to Top Shot = 3.3 m	R10
CCL Stop Depth = 2139.7 m MDKB	R11
Plug Top of Seal @ 2155m MDKB	R12
CCL to Top of Seal = 7m	R13
CCL Stop Depth = 2148m MDKB	R14
Plug Correlated to RST log CCL .	R15
CCL to Bottom of Dump Bailer = 12 m	R16
Schlumberger crews:J Annaer. C Shiells	R17

Other Services

RST−C SIGMA Survey	OS1

Frame Summary File: **MPBT_040LUP** Sequence: **5**

Origin: 29

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	12192.00 m	11878.36 m	−60.0 (0.1 in) up	7	TDEP	60B
	40000.00 ft	38971.00 ft				
BOREHOLE−DEPTH	12192.00 m	11878.39 m	−10.0 (0.1 in) up	4	TDEP;1	10B
	40000.00 ft	38971.08 ft				

File Header File: **MPBT_041LUP** Sequence: **6**

Defining Origin: 29

File ID: MPBT_041LUP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 15C0−309 File Set: 41 File Number: 39 15−MAR−2008 13:01:32

Company Name:	Esso Australia Pty Ltd.
Well Name:	B−14
Field Name:	Bream B
Tool String:	MPEX−BA, MPSU−CA, CCL−I
Computations:	WELLCAD

Error Summary File: **MPBT_041LUP** Sequence: **6**

No errors detected in file

No errors detected in file.

Well Site Data File: **MPBT_041LUP** Sequence: **6**

Origin: 29

Well Data

Company Name	Esso Australia Pty Ltd.		CN
Well Name	B−14		WN
Field Name	Bream B		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	AUSL08356984		SON
Longitude	148*06'15.37E		LONG
Latitude	038*35'40.34S		LATI
Maximum Hole Deviation	32.0 (deg)		MHD
Elevation of Kelly Bushing	41.7 (m)		EKB
Elevation of Ground Level	41.7 (m)		EGL
Elevation of Derrick Floor	−61.0 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	K.B	Above Permanent Datum 41.7 (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	15−Mar−2008		DATE
Run Number	1		RUN
Total Depth − Driller	2165.0 (m)		TDD
Total Depth − Logger	2165.0 (m)		TDL
Bottom Log Interval	2155.0 (m)		BLI
Top Log Interval	2100.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	20.0 (m)		CDF
Casing Depth To	2297.0 (m)		CADT
Casing Grade	L−80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.00 (in)		BS
Bit Size Depth From	712.0 (m)		BSDF
Bit Size Depth To	2300.0 (m)		BSDT
Date Logger At Bottom	15−Mar−2008	Time Logger At Bottom 12:40	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location Prod 4 / AUSL	LUN, LUL
Engineer's Name	S Gilbert		ENGI
Witness's Name	B White		WITN
Service Order Number	AUSL08356984		SON

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	214.0 (degF)		MRT
	214.0 (degF)		MRT1
Date Logger At Bottom	15−Mar−2008	Time Logger At Bottom 12:40	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 Solar Composite Log supplied with logging program.	R1
Objectives: Perorate the well over the interval 2143m to 2146.2m using a 2 1/8" 45deg phased Powerjet gun.	R2
Set 7" Posiset Plug with Top of Seal @ 2155m MDKB to isolate the existing perforations	R3
Maximum Well Deviation = 32 deg @ 902m MDKB	R4
HUD: 2165m MDKB	R5
Befor Gun − SBHP:2611.4 psai SBHT: 213.6 degf	R6
After Gun − SBHP:1618.6 psia SBHT:213.25 dgef	R7
Gun#1	R8
Top Shot @ 2143m MDKB	R9
CCL to Top Shot = 3.3 m	R10
CCL Stop Depth = 2139.7 m MDKB	R11
Plug Top of Seal @ 2155m MDKB	R12

Plug Top of Seal @ 2135m MDKB R12
CCL to Top of Seal = 7m R13
CCL Stop Depth = 2148m MDKB R14
Plug Correlated to RST log CCL . R15
CCL to Bottom of Dump Bailer = 12 m R16
Schlumberger crews:J Annaer. C Shiells R17

Other Services

RST−C SIGMA Survey OS1

Frame Summary File: **MPBT_041LUP** Sequence: **6**

Origin: 29

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	2147.93 m 7047.00 ft	2110.13 m 6923.00 ft	−60.0 (0.1 in) up	7	TDEP	60B
BOREHOLE−DEPTH	2147.93 m 7047.00 ft	2110.00 m 6922.58 ft	−10.0 (0.1 in) up	7	TDEP;1	10B

File Header File: **PERFO_047LUP** Sequence: **7**

Defining Origin: 101

File ID: PERFO_047LUP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 15C0−309 File Set: 41 File Number: 45 15−MAR−2008 14:41:47

Company Name: Esso Australia Pty Ltd.
Well Name: B−14
Field Name: Bream B
Tool String: SHM_GUN, CCL−L
Computations: WELLCAD

Error Summary File: **PERFO_047LUP** Sequence: **7**

No errors detected in file.

Well Site Data File: **PERFO_047LUP** Sequence: **7**

Origin: 101

Well Data

Company Name	Esso Australia Pty Ltd.		CN
Well Name	B−14		WN
Field Name	Bream B		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	AUSL08356984		SON
Longitude	148*06'15.37E		LONG
Latitude	038*35'40.34S		LATI
Maximum Hole Deviation	32.0 (deg)		MHD
Elevation of Kelly Bushing	41.7 (m)		EKB
Elevation of Ground Level	41.7 (m)		EGL
Elevation of Derrick Floor	−61.0 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	K.B	Above Permanent Datum 41.7 (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	15−Mar−2008			DATE
Run Number	1			RUN
Total Depth − Driller	2165.0 (m)			TDD
Total Depth − Logger	2165.0 (m)			TDL
Bottom Log Interval	2155.0 (m)			BLI
Top Log Interval	2100.0 (m)			TLI
Current Casing Size	7.00 (in)			CSIZ
Casing Depth From	20.0 (m)			CDF
Casing Depth To	2297.0 (m)			CADT
Casing Grade	L−80			CASG
Casing Weight	26.0 (lbm/ft)			CWEI
Bit Size	8.00 (in)			BS
Bit Size Depth From	712.0 (m)			BSDF
Bit Size Depth To	2300.0 (m)			BSDT
Date Logger At Bottom	15−Mar−2008	Time Logger At Bottom 12:40		DLAB, TLAB
Logging Unit Number	889	Logging Unit Location Prod 4 / AUSL		LUN, LUL
Engineer's Name	S Gilbert			ENGI
Witness's Name	B White			WITN
Service Order Number	AUSL08356984			SON

Mud Data

Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	214.0 (degF)			MRT
	214.0 (degF)			MRT1
Date Logger At Bottom	15−Mar−2008	Time Logger At Bottom 12:40		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 Solar Composite Log supplied with logging program.	R1
Objectives: Perorate the well over the interval 2143m to 2146.2m using a 2 1/8" 45deg phased Powerjet gun.	R2
Set 7" Posiset Plug with Top of Seal @ 2155m MDKB to isolate the existing perforations	R3
Maximum Well Deviation = 32 deg @ 902m MDKB	R4
HUD: 2165m MDKB	R5
Befor Gun − SBHP:2611.4 psai SBHT: 213.6 degf	R6
After Gun − SBHP:1618.6 psia SBHT:213.25 dgef	R7
Gun#1	R8
Top Shot @ 2143m MDKB	R9
CCL to Top Shot = 3.3 m	R10
CCL Stop Depth = 2139.7 m MDKB	R11
Plug Top of Seal @ 2155m MDKB	R12
CCL to Top of Seal = 7m	R13
CCL Stop Depth = 2148m MDKB	R14
Plug Correlated to RST log CCL .	R15
CCL to Bottom of Dump Bailer = 12 m	R16
Schlumberger crews:J Annaer. C Shiells	R17

Other Services

RST−C SIGMA Survey	OS1

Frame Summary File: **PERFO_047LUP** Sequence: **7**

Origin: 101

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	2144.42 m	2110.13 m	−60.0 (0.1 in) up	7	TDEP	60B
	7035.50 ft	6923.00 ft				
BOREHOLE−DEPTH	2144.42 m	2110.00 m	−10.0 (0.1 in) up	7	TDEP;1	10B
	7035.50 ft	6922.58 ft				

File Header File: **PERFO_050LUP** Sequence: **8**

Defining Origin: 101

File ID: PERFO_050LUP File Type: DEPTH LOG
Producer Name: Schlumberger Product/Version: OP 15C0−309 File Set: 41 File Number: 48 15−MAR−2008 15:43:22

Company Name: Esso Australia Pty Ltd.
Well Name: B−14
Field Name: Bream B
Tool String: SHM_GUN, CCL−L
Computations: WELLCAD

Error Summary File: **PERFO_050LUP** Sequence: **8**

No errors detected in file.

Well Site Data File: **PERFO_050LUP** Sequence: **8**

Origin: 101

Well Data

Company Name	Esso Australia Pty Ltd.		CN
Well Name	B−14		WN
Field Name	Bream B		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	AUSL08356984		SON
Longitude	148*06'15.37E		LONG
Latitude	038*35'40.34S		LATI
Maximum Hole Deviation	32.0 (deg)		MHD
Elevation of Kelly Bushing	41.7 (m)		EKB
Elevation of Ground Level	41.7 (m)		EGL
Elevation of Derrick Floor	−61.0 (m)		EDF
Permanent Datum	M.S.L	Elevation of Permanent Datum 0.0 (m)	PDAT, EPD
Log Measured From	K.B	Above Permanent Datum 41.7 (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	15−Mar−2008		DATE
Run Number	1		RUN
Total Depth − Driller	2165.0 (m)		TDD
Total Depth − Logger	2165.0 (m)		TDL
Bottom Log Interval	2155.0 (m)		BLI
Top Log Interval	2100.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	20.0 (m)		CDF
Casing Depth To	2297.0 (m)		CADT
Casing Grade	L−80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.00 (in)		BS
Bit Size Depth From	712.0 (m)		BSDF
Bit Size Depth To	2300.0 (m)		BSDT
Date Logger At Bottom	15−Mar−2008	Time Logger At Bottom 12:40	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location Prod 4 / AUSL	LUN, LUL
Engineer's Name	S Gilbert		ENGI
Witness's Name	B White		WITN
Service Order Number	AUSL08356984		SON

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	214.0 (degF)		MRT
	214.0 (degF)		MRT1
Date Logger At Bottom	15−Mar−2008	Time Logger At Bottom 12:40	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 Solar Composite Log supplied with logging program. P1

Log correlated to ExxonMobil Solar Composite Log supplied with logging program.	R1
Objectives: Perorate the well over the interval 2143m to 2146.2m using a 2 1/8" 45deg phased Powerjet gun.	R2
Set 7" Posiset Plug with Top of Seal @ 2155m MDKB to isolate the existing perforations	R3
Maximum Well Deviation = 32 deg @ 902m MDKB	R4
HUD: 2165m MDKB	R5
Befor Gun − SBHP:2611.4 psai SBHT: 213.6 degf	R6
After Gun − SBHP:1618.6 psia SBHT:213.25 dgef	R7
Gun#1	R8
Top Shot @ 2143m MDKB	R9
CCL to Top Shot = 3.3 m	R10
CCL Stop Depth = 2139.7 m MDKB	R11
Plug Top of Seal @ 2155m MDKB	R12
CCL to Top of Seal = 7m	R13
CCL Stop Depth = 2148m MDKB	R14
Plug Correlated to RST log CCL .	R15
CCL to Bottom of Dump Bailer = 12 m	R16
Schlumberger crews:J Annaer. C Shiells	R17

Other Services

RST−C SIGMA Survey	OS1

Frame Summary

File: **PERFO_050LUP** Sequence: **8**

Origin: 101

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE−DEPTH	2144.42 m 7035.50 ft	2107.54 m 6914.50 ft	−60.0 (0.1 in) up	7	TDEP	60B
BOREHOLE−DEPTH	2144.42 m 7035.50 ft	2107.56 m 6914.58 ft	−10.0 (0.1 in) up	7	TDEP;1	10B

Schlumberger

Verification Listing

Listing Completed: 15−MAR−2008 16:08:38