

Input Source: D:\OP_Folder\Clients\Essso_2009\BMA_A4b\RSTC\COMP_RST_COMP_034.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **RST_PSP_018PUP** Sequence: **1**

Defining Origin: 14

File ID: RST_PSP_018PUP File Type: PLAYBACK

Producer Name: Schlumberger

Product/Version: OP 17C0-154

File Set: 41

File Number: 17

12-NOV-2009 21:03:15

Company Name: Esso Australia Pty Ltd.

Well Name: A-4b

Field Name: Bream A

Tool String: RST-C, PSPT-B

Computations: WELLCAD, BORDYN

Error Summary File: **RST_PSP_018PUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **RST_PSP_018PUP** Sequence: **1**

Origin: 14

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-4b	WN
Field Name	Bream A	FN
Rig :	Prod4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	B69I-00012	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'4"S	LATI
Maximum Hole Deviation	62.9 (deg)	MHD
Elevation of Kelly Bushing	32.8 (m)	EKB
Elevation of Ground Level	-69.0 (m)	EGL
Elevation of Derrick Floor	32.8 (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	32.8 (m)

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

Job Data

Date as Month-Day-Year	12-Nov-2009	DATE
Run Number	One	RUN
Total Depth - Driller	2845.0 (m)	TDD
Total Depth - Logger	2759.0 (m)	TDL
Bottom Log Interval	2759.0 (m)	BLI
Top Log Interval	2720.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	152.0 (m)	CDF
Casing Depth To	2832.0 (m)	CADT
Casing Grade	N-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	9.38 (in)	BS
Bit Size Depth From	1447.0 (m)	BSDF
Bit Size Depth To	2845.0 (m)	BSDT
Date Logger At Bottom	12-Nov-2009	DLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	O Darby	ENGI
Witness's Name	G Rimmer	WITN
Service Order Number	B69I-00012	SON
	Logging Unit Location	AUSL

Absent Valued Parameters: TLAP

Absent Valued Parameters: TLAB		
Mud Data		
Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	206.0 (degF)	MRT
	206.0 (degF)	MRT1
Date Logger At Bottom	12–Nov–2009	DLAB
Absent Valued Parameters: DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT2, MRT3, DCS, TCS, 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 ExxonMobil petrophysical analysis composite provided by client		R1
Maximum well deviation = 62.9Deg @ 1330m MDKB, Average 42.8Deg		R2
Objective:		R4
Perform 2 static and 2 flowing passes with RST in SIGMA mode over the interval		R5
HUD to 2720m MDKB to determine perforation interval .		R6
HUD :		R8
SBHT		R9
SBHP:		R10
FBHT:		R11
FBHP:		R12
Crew:		R16
D Halstead & G Martin		R17
Other Services		
MWPT , MPBT & DB		OS1

Frame Summary File: RST_PSP_018PUP Sequence: 1						
Origin: 14						
<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	2758.29	2686.35 m	–60.0 (0.1 in) up	168	TDEP	60B
	9049.50	8813.50 ft				
BOREHOLE–DEPTH	2758.29	2686.53 m	–10.0 (0.1 in) up	7	TDEP;1	10B
	9049.50	8814.08 ft				

File Header		File: RST_PSP_022PUP	Sequence: 2
Defining Origin: 14			
File ID: RST_PSP_022PUP File Type: PLAYBACK			
Producer Name: Schlumberger		Product/Version: OP 17C0–154	File Set: 41 File Number: 21 12–NOV–2009 21:29:18
Company Name:	Esso Australia Pty Ltd.		
Well Name:	A–4b		
Field Name:	Bream A		
Tool String:	RST–C, PSPT–E		
Computations:	WELLCAD, BORDYN		

Error Summary File: RST_PSP_022PUP Sequence: 2	
No errors detected in file.	

Well Site Data File: RST_PSP_022PUP Sequence: 2	
Origin: 14	

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-4b	WN
Field Name	Bream A	FN
Rig :	Prod4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	B69I-00012	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'4"S	LATI
Maximum Hole Deviation	62.9 (deg)	MHD
Elevation of Kelly Bushing	32.8 (m)	EKB
Elevation of Ground Level	-69.0 (m)	EGL
Elevation of Derrick Floor	32.8 (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 32.8 (m)		

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

Job Data

Date as Month-Day-Year	12-Nov-2009	DATE
Run Number	One	RUN
Total Depth - Driller	2845.0 (m)	TDD
Total Depth - Logger	2759.0 (m)	TDL
Bottom Log Interval	2759.0 (m)	BLI
Top Log Interval	2720.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	152.0 (m)	CDF
Casing Depth To	2832.0 (m)	CADT
Casing Grade	N-80	CASG
Casing Weight	38.6 (lbm/ft)	CWEI
Bit Size	9.38 (in)	BS
Bit Size Depth From	1447.0 (m)	BSDF
Bit Size Depth To	2845.0 (m)	BSDT
Date Logger At Bottom	12-Nov-2009	DLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	O Darby	ENGI
Witness's Name	G Rimmer	WITN
Service Order Number	B69I-00012	SON
Logging Unit Location AUSL		

Absent Valued Parameters: TLAB

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	206.0 (degF)	MRT
	206.0 (degF)	MRT1
Date Logger At Bottom	12-Nov-2009	DLAB

Absent Valued Parameters: DFD, DFV, DFL, DFP, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT2, MRT3, DCS, TCS, TLAB

PVT Data

Absent Valued Parameters: ODEN, BSAL, GGRA, BO, BW, IBG, BPP, BPT, SGOR

Cement Data

Cement Job Type	Primary	CJT
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Absent Valued Parameters: CTOP, CASN, LCMT, LCVO, CDEN, CWLO, CADD, TCTY, TCV, TCDE, TCWL, TCA

Remarks

Log correlated to ExxonMobil petrophysical analysis composite provided by client	R1
Maximum well deviation = 62.9Deg @ 1330m MDKB, Average 42.8Deg	R2
Objective:	R4
Perform 2 static and 2 flowing passes with RST in SIGMA mode over the interval	R5
HUD to 2720m MDKB to determine perforation interval .	R6
HUD :	R8
SBHT	R9
SBHP:	R10
FBHT:	R11
FBHP:	R12
Crew:	R16
D Halstead & G Martin	R17

Other Services

MWPT , MPBT & DB	OS1
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Frame Summary		File: RST_PSP_022PUP		Sequence: 2		
Origin: 14						
<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	2758.14	2714.40 m	-60.0 (0.1 in) up	128	TDEP	60B
	9049.00	8905.50 ft				
BOREHOLE-DEPTH	2758.14	2714.57 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	9049.00	8906.08 ft				

File Header		File: RST_PSP_024LUP		Sequence: 3	
Defining Origin: 14					
File ID: RST_PSP_024LUP File Type: DEPTH LOG					
Producer Name: Schlumberger		Product/Version: OP 17C0-154		File Set: 41	
				File Number: 23	
				12-NOV-2009 21:33:07	
Company Name:		Esso Australia Pty Ltd.			
Well Name:		A-4b			
Field Name:		Bream A			
Tool String:		RST-C, PSPT-E			
Computations:		WELLCAD, BORDYN			

File Header		File: RST_PSP_024LUP		Sequence: 3	
Defining Origin: 14					
File ID: RST_PSP_024LUP File Type: DEPTH LOG					
Producer Name: Schlumberger		Product/Version: OP 17C0-154		File Set: 41	File Number: 23 12-NOV-2009 21:33:07
Company Name:	Esso Australia Pty Ltd.				
Well Name:	A-4b				
Field Name:	Bream A				
Tool String:	RST-C, PSPT-E				
Computations:	WELLCAD, BORDYN				

Error Summary	File: RST_PSP_024LUP	Sequence: 3
No errors detected in file.		

Well Site Data

File: RST_PSP_024LUP

Sequence: 3

Origin: 14

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-4b	WN
Field Name	Bream A	FN
Rig :	Prod4	CLAB, COUN
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	B69I-00012	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'4"S	LATI
Maximum Hole Deviation	62.9 (deg)	MHD
Elevation of Kelly Bushing	32.8 (m)	EKB
Elevation of Ground Level	-69.0 (m)	EGL
Elevation of Derrick Floor	32.8 (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 32.8 (m)

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

Job Data

Date as Month-Day-Year	12-Nov-2009	DATE
Run Number	One	RUN
Total Depth - Driller	2845.0 (m)	TDD
Total Depth - Logger	2759.0 (m)	TDL
Bottom Log Interval	2759.0 (m)	BLI
Top Log Interval	2720.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	152.0 (m)	CDF
Casing Depth To	2832.0 (m)	CADT
Casing Grade	N-80	CASG
Casing Weight	38.6 (lbm/ft)	CWEI
Bit Size	9.38 (in)	BS

Bit Size Depth From	1447.0 (m)		BSDF
Bit Size Depth To	2845.0 (m)		BSDT
Date Logger At Bottom	12–Nov–2009		DLAB
Logging Unit Number	889	Logging Unit Location	AUSL
Engineer's Name	O Darby		LUN, LUL
Witness's Name	G Rimmer		ENGI
Service Order Number	B69I–00012		WITN
			SON
Absent Valued Parameters: TLAB			
Mud Data			
Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	206.0 (degF)		MRT
	206.0 (degF)		MRT1
Date Logger At Bottom	12–Nov–2009		DLAB
Absent Valued Parameters: DFD, DFV, DFL, DFPH, BSAL, MSS, RMS, MST, RMFS, MFST, RMCS, MCST, RMB, RMFB, MRT2, MRT3, DCS, TCS, 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 ExxonMobil petrophysical analysis composite provided by client			R1
Maximum well deviation = 62.9Deg @ 1330m MDKB, Average 42.8Deg			R2
Objective:			R4
Perform 2 static and 2 flowing passes with RST in SIGMA mode over the interval			R5
HUD to 2720m MDKB to determine perforation interval .			R6
HUD :			R8
SBHT			R9
SBHP:			R10
FBHT:			R11
FBHP:			R12
Crew:			R16
D Halstead & G Martin			R17
Other Services			
MWPT , MPBT & DB			OS1

Frame Summary File: RST_PSP_024LUP Sequence: 3						
Origin: 14						
<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	2758.14	2708.15 m	–60.0 (0.1 in) up	128	TDEP	60B
	9049.00	8885.00 ft				
BOREHOLE–DEPTH	2758.14	2708.17 m	–10.0 (0.1 in) up	7	TDEP;1	10B
	9049.00	8885.08 ft				

File Header		File: RST_PSP_033PUP	Sequence: 4
Defining Origin: 14			
File ID: RST_PSP_033PUP File Type: PLAYBACK			
Producer Name: Schlumberger		Product/Version: OP 17C0-154	File Set: 41
		File Number: 32	13-NOV-2009 0:39:54
Company Name:	Esso Australia Pty Ltd.		
Well Name:	A-4b		
Field Name:	Bream A		
Tool String:	RST-C, PSPT-E		
Computations:	WELLCAD, BORDYN		

Error Summary File: RST_PSP_033PUP Sequence: 4						
No errors detected in file.						

Well Site Data File: RST_PSP_033PUP Sequence: 4						
Origin: 14						
Well Data						
Company Name	Esso Australia Pty Ltd.					
Well Name	A–4b					
Field Name	Bream A					
Tool String	RST–C, PSPT–E					
Computations	WELLCAD, BORDYN					

Company Name		Esso Australia Pty Ltd.		CN
Well Name		A-4b		WN
Field Name		Bream A		FN
Rig :		Prod4		CLAB, COUN
State:		Victoria		SLAB, STAT
Nation		Australia		NATI
Field Location		Gippsland		FL
		Basin		FL1
		Bass Strait		FL2
		B69I-00012		SON
		147 46'15"E		LONG
Service Order Number				LATI
Longitude				MHD
Latitude		038 30'4"S		EKB
Maximum Hole Deviation		62.9 (deg)		EGL
Elevation of Kelly Bushing		32.8 (m)		EDF
Elevation of Ground Level		-59.0 (m)		PDAT, EPD
Elevation of Derrick Floor		32.8 (m)		LMF, APD
Permanent Datum		M.S.L		DMF
Log Measured From		D.F		
Drilling Measured From		D.F		
Absent Valued Parameters: CN1, CONT, SECT, TOWN, RANG, APIN				
Job Data				
Date as Month-Day-Year		12-Nov-2009		DATE
Run Number		One		RUN
Total Depth - Driller		2845.0 (m)		TDD
Total Depth - Logger		2755.6 (m)		TDL
Bottom Log Interval		2755.6 (m)		BLI
Top Log Interval		2720.0 (m)		TLI
Current Casing Size		7.00 (in)		CSIZ
Casing Depth From		152.0 (m)		CDF
Casing Depth To		2832.0 (m)		CADT
Casing Grade		N-80		CASG
Casing Weight		38.6 (lbm/ft)		CWEI
Bit Size		9.38 (in)		BS
Bit Size Depth From		1447.0 (m)		BSDF
Bit Size Depth To		2845.0 (m)		BSDT
Date Logger At Bottom		12-Nov-2009	Time Logger At Bottom 0:11	DLAB, TLAB
Logging Unit Number		889	Logging Unit Location AUSL	LUN, LUL
Engineer's Name		O Darby		ENGI
Witness's Name		G Rimmer		WITN
Service Order Number		B69I-00012		SON
Mud Data				
Drilling Fluid Type		Production Fluids		DFT
Maximum Recorded Temperature		202.0 (degF)		MRT
		202.0 (degF)		MRT1
Date Logger At Bottom		12-Nov-2009	Time Logger At Bottom 0:11	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 petrophysical analysis composite provided by client				R1
Maximum well deviation = 62.9Deg @ 1330m MDKB, Average 42.8Deg				R2
Objective:				R4
Perform 2 static with RST in SIGMA mode over the interval				R5
HUD to 2720m MDKB to determine perforation interval .				R6
HUD : 2755.6m MDKB				R8
SBHT: 202 DegF				R9
SBHP: 2618 Psi				R10
Crew:				R16
D Halstead & G Martin				R17
Other Services				
MWPT , MPBT & DB				OS1

Frame Summary
File: RST_PSP_033PUP
Sequence: 4

Origin: 14								
Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name		
BOREHOLE-DEPTH	2758.14	2714.40 m	-60.0 (0.1 in) up	128	TDEP	60B		

	9049.00	8905.50 ft				
BOREHOLE-DEPTH	2758.14	2714.57 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	9049.00	8906.08 ft				

 **Verification Listing**

Listing Completed: 13-NOV-2009 0:47:39