

Input Source: D:\OP_Folder\Clients\Essso_2009\BMA_A20a\RSTC\COMP_BMA_A20A_RST_COMP_020.DLIS
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 8192
Storage Unit Sequence: 1

File Header File: **RST_PSP_013PUP** Sequence: **1**

Defining Origin: 67

File ID: RST_PSP_013PUP File Type: PLAYBACK

Producer Name: Schlumberger

Product/Version: OP 17C0-154

File Set: 41

File Number: 12

4-NOV-2009 22:43:29

Company Name: Esso Australia Pty Ltd.

Well Name: A-20a

Field Name: Bream A

Tool String: RST-C, PSPT-B

Computations: WELLCAD, BORDYN

Error Summary File: **RST_PSP_013PUP** Sequence: **1**

No errors detected in file.

Well Site Data File: **RST_PSP_013PUP** Sequence: **1**

Origin: 67

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-20a	WN
Field Name	Bream A	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	B297-00019	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	57.0 (deg)	MHD
Elevation of Kelly Bushing	32.8 (m)	EKB
Elevation of Ground Level	-59.0 (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	4-Nov-2009	DATE
Run Number	1	RUN
Total Depth - Driller	2220.0 (m)	TDD
Total Depth - Logger	2222.0 (m)	TDL
Bottom Log Interval	2222.0 (m)	BLI
Top Log Interval	2200.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	12.2 (m)	CDF
Casing Depth To	2321.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	1123.2 (m)	BSDF
Bit Size Depth To	2326.0 (m)	BSDT
Date Logger At Bottom	4-Nov-2009	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert.	ENGI
Witness's Name	B White	WITN
Service Order Number	B297-00019	SON
	Time Logger At Bottom 23:49	
	Logging Unit Location AUSL / PROD 4	

Mud Data

Mud Data		Production Fluids		DFT
Drilling Fluid Type		Maximum Recorded Temperature	210.0 (degF)	MRT
			210.0 (degF)	MRT1
Date Logger At Bottom	4-Nov-2009	Time Logger At Bottom	23:49	DLAB, TLAB
Absent Valued Parameters: DFD, DFV, DFL, DFPB, 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 composite supplied with logging program.				R1
Maximum well deviation = 57deg @ 869.3m MDKB.				R2
Objective: Conduct Static and Flowing RST-C SIGMA Survey over the interval				R3
HUD to 2200m MDKB to determine a perforation interval .				R4
HUD:				R5
SBHT:				R6
SBHP:				R7
FBHT:				R8
FBHP:				R9
All Depth's are MDKB				R16
Crew :A Pratt , G Martin				R17
Other Services				
PowerJet Perforation				OS1
7" Posiset Plug				OS2

Frame Summary		File: RST_PSP_013PUP	Sequence: 1			
Origin: 67						
<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	2223.82	2171.55 m	-60.0 (0.1 in) up	168	TDEP	60B
	7296.00	7124.50 ft				
BOREHOLE-DEPTH	2223.82	2171.73 m	-10.0 (0.1 in) up	7	TDEP,1	10B
	7296.00	7125.08 ft				

File Header		File: RST_PSP_014LUP	Sequence: 2
Defining Origin: 67			
File ID: RST_PSP_014LUP File Type: DEPTH LOG			
Producer Name: Schlumberger		Product/Version: OP 17C0-154	File Set: 41
		File Number: 13	4-NOV-2009 22:51:38
Company Name:	Esso Australia Pty Ltd.		
Well Name:	A-20a		
Field Name:	Bream A		
Tool String:	RST-C, PSPT-E		
Computations:	WELLCAD, BORDYN		

Error Summary		File: RST_PSP_014LUP	Sequence: 2
No errors detected in file.			

Well Site Data		File: RST_PSP_014LUP	Sequence: 2
Origin: 67			

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-20a	WN
Field Name	Bream A	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	B297-00019	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	57.0 (deg)	MHD
Elevation of Kelly Bushing	32.8 (m)	EKB
Elevation of Ground Level	-59.0 (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	4-Nov-2009	DATE
Run Number	1	RUN
Total Depth - Driller	2220.0 (m)	TDD
Total Depth - Logger	2222.0 (m)	TDL
Bottom Log Interval	2222.0 (m)	BLI
Top Log Interval	2200.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	12.2 (m)	CDF
Casing Depth To	2321.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS
Bit Size Depth From	1123.2 (m)	BSDF
Bit Size Depth To	2326.0 (m)	BSDT
Date Logger At Bottom	4-Nov-2009	DLAB, TLAB
Logging Unit Number	889	LUN, LUL
Engineer's Name	S Gilbert.	ENGI
Witness's Name	B White	WITN
Service Order Number	B297-00019	SON
	Time Logger At Bottom 23:49	
	Logging Unit Location AUSL / PROD 4	

Mud Data

Drilling Fluid Type	Production Fluids	DFT
Maximum Recorded Temperature	210.0 (degF)	MRT
	210.0 (degF)	MRT1
Date Logger At Bottom	4-Nov-2009	DLAB, TLAB
	Time Logger At Bottom 23:49	

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 ExxonMobil composite supplied with logging program.	R1
Maximum well deviation = 57deg @ 869.3m MDKB.	R2
Objective: Conduct Static and Flowing RST-C SIGMA Survey over the interval	R3
HUD to 2200m MDKB to determine a perforation interval .	R4
HUD: 2222m MDKB	R5
SBHT: 205.5degf @ 2210m MDKB	R6
SBHP: 2606.46psia @ 2210m MDKB	R7
FBHT:	R8
FBHP:	R9
All Depth's are MDKB	R16
Crew :A Pratt , G Martin	R17

Other Services

PowerJet Perforation	OS1
7" Posiset Plug	OS2

Origin: 67						
<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	2223.36	2184.35 m	-60.0 (0.1 in) up	128	TDEP	60B
	7294.50	7166.50 ft				
BOREHOLE-DEPTH	2223.36	2184.37 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	7294.50	7166.58 ft				

File Header File: **RST_PSP_015LTP** Sequence: **3**

Defining Origin: 67

File ID: RST_PSP_015LTP File Type: STATION
Producer Name: Schlumberger Product/Version: OP 17C0-154 File Set: 41 File Number: 14 4-NOV-2009 23:05:36

Company Name: Esso Australia Pty Ltd.
Well Name: A-20a
Field Name: Bream A
Tool String: RST-C, PSPT-E
Computations: WELLCAD, BORDYN

Error Summary File: **RST_PSP_015LTP** Sequence: **3**

No errors detected in file.

Well Site Data File: **RST_PSP_015LTP** Sequence: **3**

Origin: 67

Well Data

Company Name	Esso Australia Pty Ltd.	CN
Well Name	A-20a	WN
Field Name	Bream A	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	B297-00019	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	57.0 (deg)	MHD
Elevation of Kelly Bushing	32.8 (m)	EKB
Elevation of Ground Level	-59.0 (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	4-Nov-2009	DATE
Run Number	1	RUN
Total Depth - Driller	2220.0 (m)	TDD
Total Depth - Logger	2222.0 (m)	TDL
Bottom Log Interval	2222.0 (m)	BLI
Top Log Interval	2200.0 (m)	TLI
Current Casing Size	7.00 (in)	CSIZ
Casing Depth From	12.2 (m)	CDF
Casing Depth To	2321.0 (m)	CADT
Casing Grade	L-80	CASG
Casing Weight	26.0 (lbm/ft)	CWEI
Bit Size	8.50 (in)	BS

Bit Size Depth From	1123.2 (m)			BSDF
Bit Size Depth To	2326.0 (m)			BSDT
Date Logger At Bottom	4–Nov–2009	Time Logger At Bottom	23:49	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location	AUSL / PROD 4	LUN, LUL
Engineer's Name	S Gilbert.			ENGI
Witness's Name	B White			WITN
Service Order Number	B297–00019			SON
Mud Data				
Drilling Fluid Type	Production Fluids			DFT
Maximum Recorded Temperature	210.0 (degF)			MRT
	210.0 (degF)			MRT1
Date Logger At Bottom	4–Nov–2009	Time Logger At Bottom	23:49	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 composite supplied with logging program.				R1
Maximum well deviation = 57deg @ 869.3m MDKB.				R2
Objective: Conduct Static and Flowing RST–C SIGMA Survey over the interval				R3
HUD to 2200m MDKB to determine a perforation interval .				R4
HUD: 2222m MDKB				R5
SBHT: 205.5degf @ 2210m MDKB				R6
SBHP: 2606.46psia @ 2210m MDKB				R7
FBHT:				R8
FBHP:				R9
All Depth's are MDKB				R16
Crew :A Pratt , G Martin				R17
Other Services				
PowerJet Perforation				OS1
7" Posiset Plug				OS2

Frame Summary		File: RST_PSP_015LTP	Sequence: 3			
Origin: 67						
<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	12639.19	22490.19 s	2000.0 (0.5 ms)	18	TIME;2	2000T
File Header						
File: RST_PSP_019PUP		Sequence: 4				
Defining Origin: 67						
File ID: RST_PSP_019PUP File Type: PLAYBACK						
Producer Name: Schlumberger		Product/Version: OP 17C0–154		File Set: 41		File Number: 18
5–NOV–2009 2:12:48						
Company Name:		Esso Australia Pty Ltd.				
Well Name:		A–20a				
Field Name:		Bream A				
Tool String:		RST–C, PSPT–E				
Computations:		WELLCAD, BORDYN				
Error Summary						
File: RST_PSP_019PUP		Sequence: 4				
No errors detected in file.						

Well Site Data			File: RST_PSP_019PUP	Sequence: 4
Origin: 67				
Well Data				
Company Name	Esso Australia Pty Ltd.			CN
Well Name	A–20a			WN
Field Name	Bream A			FN
Rin:	Crane / Prod 4			CLAB, COJIN

Reg:	Grande / PROD 4	CEAD, COON
State:	Victoria	SLAB, STAT
Nation	Australia	NATI
Field Location	Gippsland	FL
	Basin	FL1
	Bass Strait	FL2
Service Order Number	B297-00019	SON
Longitude	147 46'15"E	LONG
Latitude	038 30'04"S	LATI
Maximum Hole Deviation	57.0 (deg)	MHD
Elevation of Kelly Bushing	32.8 (m)	EKB
Elevation of Ground Level	-59.0 (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	4-Nov-2009		DATE
Run Number	1		RUN
Total Depth - Driller	2220.0 (m)		TDD
Total Depth - Logger	2222.0 (m)		TDL
Bottom Log Interval	2222.0 (m)		BLI
Top Log Interval	2200.0 (m)		TLI
Current Casing Size	7.00 (in)		CSIZ
Casing Depth From	12.2 (m)		CDF
Casing Depth To	2321.0 (m)		CADT
Casing Grade	L-80		CASG
Casing Weight	26.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth From	1123.2 (m)		BSDF
Bit Size Depth To	2326.0 (m)		BSDT
Date Logger At Bottom	4-Nov-2009	Time Logger At Bottom	23:49
Logging Unit Number	889	Logging Unit Location	AUSL / PROD 4
Engineer's Name	S Gilbert.		DLAB, TLAB
Witness's Name	B White		LUN, LUL
Service Order Number	B297-00019		ENGI
			WITN
			SON

Mud Data

Drilling Fluid Type	Production Fluids		DFT
Maximum Recorded Temperature	206.0 (degF)		MRT
	206.0 (degF)		MRT1
Date Logger At Bottom	4-Nov-2009	Time Logger At Bottom	23:49
			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 ExxonMobil composite supplied with logging program.	R1
Maximum well deviation = 57deg @ 869.3m MDKB.	R2
Objective: Conduct Static and Flowing RST-C SIGMA Survey over the interval	R3
HUD to 2200m MDKB to determine a perforation interval .	R4
HUD: 2222m MDKB	R5
SBHT: 205.5degf @ 2210m MDKB	R6
SBHP: 2606.46psia @ 2210m MDKB	R7
FBHT: 206degf @ 2210m MDKB	R8
FBHP: 2614.18psia @ 2210m MDKB	R9
All Depth's are MDKB	R16
Crew :A Pratt , G Martin	R17

Other Services

PowerJet Perforation	OS1
7" Posiset Plug	OS2

Frame Summary File: RST_PSP_019PUP Sequence: 4

Origin: 67

Index Type	Start	Stop	Spacing	Channels	Index Channel	Frame Name
BOREHOLE-DEPTH	2223.06	2185.26 m	-60.0 (0.1 in) up	128	TDEP	60B
	7293.50	7169.50 ft				

BOREHOLE-DEPTH	2223.06	2185.44 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	7293.50	7170.08 ft				



Verification Listing

Listing Completed: 5-NOV-2009 2:21:21