

# Schlumberger Verification Listing

Listing Created: 19-MAR-2010  
14:28:35

**Input Source:** COBIA\_A19A\_7in\_RST-SigmaPass-2\_4U\_18Mar10\_010PUC.DLIS

**Format:** DLIS

**Storage Set ID:** Default Storage Set

**Max Record Length:** 8192

**Storage Unit Sequence:** 1

File Header		File:	Sequence: 10
<b>Defining Origin: 41</b>			
File ID: RST_PSP_010PUC	File Type: PLAYBACK		
Producer Name: Schlumberger	Product/Version: OP 17C0-154	File Set: 41	File Number: 35
			18-MAR-2010 19:53:51
Company Name:	Esso Australia Pty. Ltd.		
Well Name:	COBIA A19A		
Field Name:	HALIBUT		
Tool String:	RST-C, PSPT		
Computations:	WELLCAD		
Well Site Data		File:	Sequence: 10
<b>Origin: 41</b>			
<b>Well Data</b>			
Company Name	Esso Australia Pty. Ltd.		CN
Well Name	COBIA A19A		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
Longitude	148 18' 28.3"E		LONG
Latitude	38 27' 03.5" S		LATI
Maximum Hole Deviation	48.000 (deg)		MHD
Elevation of Kelly Bushing	40.990 (m)		EKB
Elevation of Ground Level	-79.000 (m)		EGL
Elevation of Derrick Floor	40.990 (m)		EDF
Permanent Datum	M.S.L.	Elevation of Permanent Datum 40.990 (m)	PDAT, EPD
Log Measured From	K.B.	Above Permanent Datum - 40.990 (m)	LMF, APD
Drilling Measured From	K.B.		DMF

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

**Job Data**

Date as Month-Day-Year	18-Mar-2010		DATE
Run Number	1		RUN
Total Depth - Driller	3200.0 (m)		TDD
Total Depth - Logger	3114.0 (m)		TDL
Bottom Log Interval	3110.0 (m)		BLI
Top Log Interval	3010.0 (m)		TLI
Current Casing Size	7.000 (in)		CSIZ
Casing Depth From	20.700 (m)		CDF
Casing Depth To	3196.0 (m)		CADT
Casing Grade	L-80		CASG
Casing Weight	35.200 (lbm/ft)		CWEI
Bit Size	8.500 (in)		BS
Bit Size Depth From	597.00 (m)		BSDF
Bit Size Depth To	3200.0 (m)		BSDT
Date Logger At Bottom	18-Mar-2010	Time Logger At Bottom 16:20	DLAB, TLAB
Logging Unit Number	889	Logging Unit Location AUSL	LUN, LUL
Engineer's Name	C. Rowand / W. MacKenzie		ENGI
Witness's Name	D. Madden		WITN

Absent Valued Parameters: SON

**Mud Data**

Drilling Fluid Type	Production Fluid		DFT
Maximum Recorded Temperature	106.00 (degC)		MRT
	106.00 (degC)		MRT1
Date Logger At Bottom	18-Mar-2010	Time Logger At Bottom 16:20	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**

1. Log Objective: Complete 2 x static RST-C (Sigma) surveys over the interval 3160 - 3020m	R1
2. Log correlated to Solar Composite Log provided by client	R2
3. Logged background GR/CCL log from 3106.0 - 3010m at 1800ft/hr	R3
4. Logged two shut-in Sigma passes from 3110.0 - 3010m at 900ft/hr	R4
5. HUD was tagged at 3114.0m	R5

6. All depths are MDKB

R6

Logging Parameters:

R8

MATR: Sandstone, CSIZ: 7", CWEI: 26lb/ft, BS: 8.5", BSAL: UNKNOWN

R9

CWEI zoned from 3091 - 3010 from 26lb/ft to 35.2lb/ft

R10

Encountered drilling fluid at HUD (3114.0m). HUD was sticky resulting in varying tags

R12

Estimated TOC at 3153 according to client, but did not RIH further at client request

R13

**Other Services**

None

OS1

**Channels****File:****RST\_PSP\_010PUC****Sequence: 10****Origin: 41****RST-C: Reservoir Saturation Pro Tool C****Spacing: -6.0 in****Number of Channels: 100**

ABFD	ABND	AFFD	AFND	AIRB_DIAG	AQTF	AQTM
BADL	BADL_DIAG	BSAL	BSALOPT_DIAG	BSAL_DIAG	BSAL_SIG	BSAL_TDTL
BSFL_DIAG	BS_DIAG	CIRF	CIRF_FIL	CIRN	CIRN_FIL	CRFI
CRNI	CRRA	CRRR	CSID_DIAG	CSIZ_DIAG	CWEI_DIAG	DFPC_DIAG
DFPC_DIAG	TDTL	DLMT_SIGM_PRST	DSIG	FBAC	FBEF	FDSP
FDSU	FSPA	FSPB	FSPC	GBFD	GBND	GFFD
GFND	INFD	INFD_FIL	INFD_TDTL	INND	INND_FIL	IRAT
IRAT_FIL	MATR_DIAG	NBAC	NBEF	NDSP	NDSU	NSPA
NSPB	NSPC	RDIX	RSCF_RST	RSCN_RST	SBFA	SBFA_FIL
SBFA_SIG	SBHF	SBHN	SBNA	SBNA_FIL	SBNA_SIG	SFFA
SFFA_FIL	SFFA_SIG	SFFC	SFFD	SFNA	SFNA_FIL	SFNA_SIG
SFNC	SFND	SIBF	SIBF_SIG	SIBH_SIG	SIBH_TDTL	SIGC_TDTL
SIGM	SIGM_SIG	SIGM_SIG_TDTL	SIGM_TDTL	TPHI	TPHI_SIG	TRAT
TRAT_FIL	TRAT_SIG	TSCF	TSCF_FIL	TSCF_TDTL	TSCN	TSCN_FIL
TSCN_TDTL	WINR_RST	WINR_TDTL				

**PSPT: Production Services Logging Platform****Spacing: -6.0 in****Number of Channels: 2**

GR RGR

**Spacing: -1.0 in****Number of Channels: 2**

CCLC CCLD

**System and Miscellaneous****Spacing: -6.0 in****Number of Channels: 12**

BHPR	BS	CS	CVEL	ETIM	GTEM	TDEP
TENS	TIME	TOD7_DL	TOJ_DL	WPRE_TOJ		

**Spacing: -1.0 in****Number of Channels: 5**

IDWD SCD SCDV TDEP;1 TIME;1

**Frame  
Summary****File:****RST\_PSP\_010PUC****Sequence: 10****Origin: 41**Index TypeStartStopSpacingChannelsIndex ChannelFrame  
Name

BOREHOLE-DEPTH	3118.87	3004.41 m	-60.0 (0.1 in) up	114	TDEP	60B
	10232.50	9857.00 ft				
BOREHOLE-DEPTH	3118.87	3004.59 m	-10.0 (0.1 in) up	7	TDEP;1	10B
	10232.50	9857.58 ft				

**Error  
Summary****File:**  
**RST\_PSP\_010PUC** **Sequence: 10**

No errors detected in file.

**Schlumberger Verification Listing****Listing Completed: 19-MAR-2010**  
**14:28:35**