

Input Source: D:\users\ideal\fm\Clients\Santos\Jarver-1\LWD003\Jarver-1_DLIS_R4_1947-3062m.dlis
Format: DLIS
Storage Set ID: Default Storage Set

Max Record Length: 16384
Storage Unit Sequence: 1

File Header File: **CDF_LWD003** Sequence: **-1**

Defining Origin: 41

File ID: CDF_LWD003 File Type: CDF-06/11/2008,16:48:33
Producer Name: Schlumberger Product/Version: DlisBrowser ID12_OC_13 File Set: 41 File Number: 15 12-JUN-2008 16:23:00
Company Name: Santos Ltd
Well Name: Jarver-1
Field Name: Sorell Basin
Computations: COMPOSER

Error Summary File: **CDF_LWD003** Sequence: **-1**

No errors detected in file.

Well Site Data File: **CDF_LWD003** Sequence: **-1**

Origin: 41

Well Data

Company Name	Santos Ltd	CN
Well Name	Jarver-1	WN
Field Name	Sorell Basin	FN
Rig:	Ocean Patriot	CLAB, COUN
State:	Tasmania	SLAB, STAT
Field Location	Bass Strait	FL
	X = 770615.1m E	FL1
	Y = 5418350.4m N	FL2
Service Order Number	08ASQ0002	SON
Longitude	144°14'03.19" E	LONG
Latitude	41°20'27.25" S	LATI
Elevation of Kelly Bushing	20.85	EKB
Elevation of Ground Level	-576.8 (m)	EGL
Elevation of Derrick Floor	20.9 (m)	EDF
Permanent Datum	AHD	PDAT, EPD
Log Measured From	Rotary Table	LMF, APD
	Elevation of Permanent Datum 0	
	Above Permanent Datum 20.85	

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

Job Data

Date as Month-Day-Year	01-Jun-2008	DATE
Run Number	4	RUN
Total Depth - Driller	3062	TDD
Bottom Log Interval	3047.1	BLI
Top Log Interval	1942	TLI
Current Casing Size	13.4 (in)	CSIZ
Casing Weight	68.0 (lbm/ft)	CWEI
Bit Size	12.3 (in)	BS
Begin Log Date	02-Jun-2008	DLAB, TLAB
Logging Unit Number	OLU-A3518-1/06	LUN
Engineer's Name	ML/JO/JL	ENGI
Service Order Number	08ASQ0002	SON
	Begin Log Time 08:17	

Absent Valued Parameters: TDL, CDF, CADT, CASG, BSDF, BSDT, LUL, WITN

Mud Data

Drilling Fluid Type	KCL/PHPA/Glycol	DFT
Drilling Fluid Density	10.4	DFD, DFV
Drilling Fluid PH	9.2	DFPH
Mud Sample Source	Flow Line	MSS
Resistivity of Mud Sample	0.0865	RMS, MST
Resistivity of Mud Filtrate Sample	0.0777	RMFS, MFST
Resistivity of Mud Cake Sample	0.1772	RMCS, MCST
Resistivity of Mud - BHT	27.78	RMB
Resistivity of Mud Filtrate - BHT	N/A	RMFB
	Drilling Fluid Viscosity 60	
	Mud Sample Temperature 21.5	
	Mud Filtrate Sample Temperature 21.4	
	Mud Cake Sample Temperature 22.8	

Absent Valued Parameters: DFL, BSAL, MRT, MRT1, MRT2, MRT3

PVT Data

Absent Valued Parameters: BSAL

Other Services

Directional SurveysOS1

Shock and VibrationsOS2

Channels

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System and Miscellaneous

Spacing: 1.20 in		Number of Channels: 5	
Mnemonic	Long Name	Units	Properties
TDEP	6-Inch Frame Depth	0.1 in	CUSTOMER
TICK_ARC_GR	ARC Gamma Ray Samples		CUSTOMER
TICK_ARC_RES	ARC Resistivity Samples		CUSTOMER
TICK_DEN	Density Ticks, 0.1 ft		CUSTOMER
TICK_NEU	Neutron Ticks, 0.1 ft		CUSTOMER

Spacing: 6.00 in		Number of Channels: 200	
Mnemonic	Long Name	Units	Properties
6TIM	6-in. Frame Time	0.5 ms	CUSTOMER
A112	ARC Amplitude R1 from T1 at 2 MHz	mV	CUSTOMER
A114	ARC Amplitude R1 from T1 at 400 KHz	mV	CUSTOMER
A122	ARC Amplitude R1 from T2 at 2 MHz	mV	CUSTOMER
A124	ARC Amplitude R1 from T2 at 400 KHz	mV	CUSTOMER
A132	ARC Amplitude R1 from T3 at 2 MHz	mV	CUSTOMER
A134	ARC Amplitude R1 from T3 at 400 KHz	mV	CUSTOMER
A142	ARC Amplitude R1 from T4 at 2 MHz	mV	CUSTOMER
A144	ARC Amplitude R1 from T4 at 400 KHz	mV	CUSTOMER
A152	ARC Amplitude R1 from T5 at 2 MHz	mV	CUSTOMER
A154	ARC Amplitude R1 from T5 at 400 KHz	mV	CUSTOMER
A16H	ARC Attenuation Resistivity 16-in. at 2 MHz	ohm.m	CUSTOMER
A16H_COND	ARC Attenuation Conductivity 16-in. at 2 MHz	mS/m	CUSTOMER
A16L	ARC Attenuation Resistivity 16-in. at 400 KHz	ohm.m	CUSTOMER
A16L_COND	ARC Attenuation Conductivity 16-in. at 400 KHz	mS/m	CUSTOMER
A212	ARC Amplitude R2 from T1 at 2 MHz	mV	CUSTOMER
A214	ARC Amplitude R2 from T1 at 400 KHz	mV	CUSTOMER
A222	ARC Amplitude R2 from T2 at 2 MHz	mV	CUSTOMER
A224	ARC Amplitude R2 from T2 at 400 KHz	mV	CUSTOMER
A22H	ARC Attenuation Resistivity 22-in. at 2 MHz	ohm.m	CUSTOMER
A22H_COND	ARC Attenuation Conductivity 22-in. at 2 MHz	mS/m	CUSTOMER
A22L	ARC Attenuation Resistivity 22-in. at 400 KHz	ohm.m	CUSTOMER
A22L_COND	ARC Attenuation Conductivity 22-in. at 400 KHz	mS/m	CUSTOMER
A232	ARC Amplitude R2 from T3 at 2 MHz	mV	CUSTOMER
A234	ARC Amplitude R2 from T3 at 400 KHz	mV	CUSTOMER
A242	ARC Amplitude R2 from T4 at 2 MHz	mV	CUSTOMER
A244	ARC Amplitude R2 from T4 at 400 KHz	mV	CUSTOMER
A252	ARC Amplitude R2 from T5 at 2 MHz	mV	CUSTOMER
A254	ARC Amplitude R2 from T5 at 400 KHz	mV	CUSTOMER
A28H	ARC Attenuation Resistivity 28-in. at 2 MHz	ohm.m	CUSTOMER
A28H_COND	ARC Attenuation Conductivity 28-in. at 2 MHz	mS/m	CUSTOMER
A28L	ARC Attenuation Resistivity 28-in. at 400 KHz	ohm.m	CUSTOMER
A28L_COND	ARC Attenuation Conductivity 28-in. at 400 KHz	mS/m	CUSTOMER
A34H	ARC Attenuation Resistivity 34-in. at 2 MHz	ohm.m	CUSTOMER
A34H_COND	ARC Attenuation Conductivity 34-in. at 2 MHz	mS/m	CUSTOMER
A34L	ARC Attenuation Resistivity 34-in. at 400 KHz	ohm.m	CUSTOMER
A34L_COND	ARC Attenuation Conductivity 34-in. at 400 KHz	mS/m	CUSTOMER
A40H	ARC Attenuation Resistivity 40-in. at 2 MHz	ohm.m	CUSTOMER
A40H_COND	ARC Attenuation Conductivity 40-in. at 2 MHz	mS/m	CUSTOMER
A40L	ARC Attenuation Resistivity 40-in. at 400 KHz	ohm.m	CUSTOMER
A40L_COND	ARC Attenuation Conductivity 40-in. at 400 KHz	mS/m	CUSTOMER
ABAM_ARC	ARC Tool Battery Current	mA	CUSTOMER
AGTM	ARC Gamma Ray Time After Bit	s	BASIC
AMP1	Amplitude of Signal #1	Pa	CUSTOMER
AMP2	Amplitude of Signal #2	Pa	CUSTOMER
AMP3	Amplitude of Signal #3	Pa	CUSTOMER
AMP4	Amplitude of Signal #4	Pa	CUSTOMER
ANGA	Quadrant Calibration Angle Used	deg	CUSTOMER
ANGX	Quadrant Calibration Angle	deg	CUSTOMER

ANR4	Angle of Peak from P4DT for Receiver Tadpole Plot	deg	CUSTOMER
ANT1	Angle of Peak from P1DT for Transmitter Tadpole	deg	CUSTOMER
ANT2	Angle of Peak from P2DT for Transmitter Tadpole Plot	deg	CUSTOMER
ANT3	Angle of Peak from P3DT for Transmitter Tadpole Plot	deg	CUSTOMER
ANT4	Angle of Peak from P4DT for Transmitter Tadpole Plot	deg	CUSTOMER
BATV_ARC	ARC Tool Battery Voltage	V	CUSTOMER
BS	Bit Size	in	BASIC
C1RA	Peak Coherence – Receiver Array		Dimension: [16] CUSTOMER
C1TA	Peak Coherence – Transmitter Array		Dimension: [16] CUSTOMER
CHR1	P1CH for Receiver Tadpole		CUSTOMER
CHRA	Coherence at Compressional Peak for the Receiver Array		BASIC
CHT1	P1CH for Transmitter Tadpole		CUSTOMER
CHT2	P2CH for Transmitter Tadpole		CUSTOMER
CHT3	P3CH for Transmitter Tadpole		CUSTOMER
CHT4	P4CH for Transmitter Tadpole		CUSTOMER
CHTA	Coherence at Compressional Peak for the Transmitter Array		BASIC
DMXM	Maximum Deviation in Tool Position for the Transmitter Array	in	CUSTOMER
DPHI	Density Porosity	m3/m3	BASIC
DRHB	Bulk Density Correction, Bottom	g/cm3	BASIC
DRHL	Bulk Density Correction, Left	g/cm3	BASIC
DRHO	Bulk Density Correction	g/cm3	BASIC
DRHR	Bulk Density Correction, Right	g/cm3	BASIC
DRHU	Bulk Density Correction, Up	g/cm3	BASIC
DRMS	Standard Deviation in Tool Position for the Transmitter Array	in	CUSTOMER
DRRT	Bulk Density Rotational Correction	g/cm3	CUSTOMER
DTBC	Delta-T Compressional Borehole Compensated (Depth Derived)	us/ft	BASIC
DTCC	Delta-T Compressional with Coherence Cutoff	us/ft	BASIC
DTDF	Delta-T Compressional Difference between DTRA and DTTA	us/ft	CUSTOMER
DTR1	Converted Angle of P1DT for Receiver Tadpole	deg	CUSTOMER
DTRA	Delta-T Compressional from Receiver Array	us/ft	BASIC
DTT1	Converted Angle of P1DT for Transmitter Tadpole	deg	CUSTOMER
DTT2	Converted Angle of P2DT for Transmitter Tadpole	deg	CUSTOMER
DTT3	Converted Angle of P3DT for Transmitter Tadpole	deg	CUSTOMER
DTT4	Converted Angle of P4DT for Transmitter Tadpole	deg	CUSTOMER
DTTA	Delta-T Compressional from Transmitter Array	us/ft	BASIC
GRHV	ARC Gamma Ray High Voltage	V	CUSTOMER
GR_ARC	ARC Gamma Ray	gAPI	BASIC
GR_ARC_CAL	ARC Calibrated Gamma Ray	gAPI	CUSTOMER
GR_ARC_FILT	ARC Calibrated, Filtered Gamma Ray	gAPI	CUSTOMER
GR_ARC_RAW	ARC Raw Gamma Ray	1/s	CUSTOMER
HEHV	Helium High Voltage	V	CUSTOMER
HORD	Horizontal Hole Diameter	in	BASIC
IBT1_ADN	ADN Battery 1 Current	mA	CUSTOMER
IBT2_ADN	ADN Battery 2 Current	mA	CUSTOMER
IDTF	Integrated DTDF over Depth	us	CUSTOMER
ITTI	Integrated Transit Time	ms	BASIC
LSHV	High Voltage for Long Spacing Loop	V	CUSTOMER
LSW1	Raw Long Spacing Window 1 Count Rate	1/s	CUSTOMER
LSW3	Raw Long Spacing Window 3 Count Rate	1/s	CUSTOMER
LSW5	Raw Long Spacing Window 5 Count Rate	1/s	CUSTOMER
LTBV_ADN	ADN Low Power Tool Bus Voltage	V	CUSTOMER
MNSL	Minimum Labeling Slowness, Compressional	us/ft	CUSTOMER
MXSL	Maximum Labeling Slowness, Compressional	us/ft	CUSTOMER
NPRA	Number of Peaks – Receiver Array		CUSTOMER
NPTA	Number of Peaks – Transmitter Array		CUSTOMER
NWRA	Number of Waveforms used in Receiver Array Computation		CUSTOMER
NWTA	Number of Waveforms used in Transmitter Array Computation		CUSTOMER
P112	ARC Phase R1 from T1 at 2 MHz	deg	CUSTOMER
P114	ARC Phase R1 from T1 at 400 KHz	deg	CUSTOMER
P122	ARC Phase R1 from T2 at 2 MHz	deg	CUSTOMER
P124	ARC Phase R1 from T2 at 400 KHz	deg	CUSTOMER
P132	ARC Phase R1 from T3 at 2 MHz	deg	CUSTOMER
P134	ARC Phase R1 from T3 at 400 KHz	deg	CUSTOMER
P142	ARC Phase R1 from T4 at 2 MHz	deg	CUSTOMER
P144	ARC Phase R1 from T4 at 400 KHz	deg	CUSTOMER
P152	ARC Phase R1 from T5 at 2 MHz	deg	CUSTOMER
P154	ARC Phase R1 from T5 at 400 KHz	deg	CUSTOMER
P16H	ARC Phase-Shift Resistivity 16-in. at 2 MHz	ohm.m	CUSTOMER
P16H_COND	ARC Phase-Shift Conductivity 16-in. at 2 MHz	mS/m	CUSTOMER
P16L	ARC Phase-Shift Resistivity 16-in. at 400 KHz	ohm.m	CUSTOMER
P16L_COND	ARC Phase-Shift Conductivity 16-in. at 400 KHz	mS/m	CUSTOMER
P212	ARC Phase R2 from T1 at 2 MHz	deg	CUSTOMER
P214	ARC Phase R2 from T1 at 400 KHz	deg	CUSTOMER
P222	ARC Phase R2 from T2 at 2 MHz	deg	CUSTOMER

P222	ARC Phase R2 from T2 at 2 MHz	deg	CUSTOMER
P224	ARC Phase R2 from T2 at 400 KHz	deg	CUSTOMER
P22H	ARC Phase-Shift Resistivity 22-in. at 2 MHz	ohm.m	CUSTOMER
P22H_COND	ARC Phase-Shift Conductivity 22-in. at 2 MHz	mS/m	CUSTOMER
P22L	ARC Phase-Shift Resistivity 22-in. at 400 KHz	ohm.m	CUSTOMER
P22L_COND	ARC Phase-Shift Conductivity 22-in. at 400 KHz	mS/m	CUSTOMER
P232	ARC Phase R2 from T3 at 2 MHz	deg	CUSTOMER
P234	ARC Phase R2 from T3 at 400 KHz	deg	CUSTOMER
P242	ARC Phase R2 from T4 at 2 MHz	deg	CUSTOMER
P244	ARC Phase R2 from T4 at 400 KHz	deg	CUSTOMER
P252	ARC Phase R2 from T5 at 2 MHz	deg	CUSTOMER
P254	ARC Phase R2 from T5 at 400 KHz	deg	CUSTOMER
P28H	ARC Phase-Shift Resistivity 28-in. at 2 MHz	ohm.m	CUSTOMER
P28H_COND	ARC Phase-Shift Conductivity 28-in. at 2 MHz	mS/m	CUSTOMER
P28L	ARC Phase-Shift Resistivity 28-in. at 400 KHz	ohm.m	CUSTOMER
P28L_COND	ARC Phase-Shift Conductivity 28-in. at 400 KHz	mS/m	CUSTOMER
P34H	ARC Phase-Shift Resistivity 34-in. at 2 MHz	ohm.m	CUSTOMER
P34H_COND	ARC Phase-Shift Conductivity 34-in. at 2 MHz	mS/m	CUSTOMER
P34L	ARC Phase-Shift Resistivity 34-in. at 400 KHz	ohm.m	CUSTOMER
P34L_COND	ARC Phase-Shift Conductivity 34-in. at 400 KHz	mS/m	CUSTOMER
P40H	ARC Phase-Shift Resistivity 40-in. at 2 MHz	ohm.m	CUSTOMER
P40H_COND	ARC Phase-Shift Conductivity 40-in. at 2 MHz	mS/m	CUSTOMER
P40L	ARC Phase-Shift Resistivity 40-in. at 400 KHz	ohm.m	CUSTOMER
P40L_COND	ARC Phase-Shift Conductivity 40-in. at 400 KHz	mS/m	CUSTOMER
PEB	Photoelectric Factor, Bottom		BASIC
PEF	Photoelectric Factor		BASIC
PEL	Photoelectric Factor, Left		BASIC
PER	Photoelectric Factor, Right		BASIC
PEU	Photoelectric Factor, Up		BASIC
RHOB	Bulk Density	g/cm3	BASIC
RHOL	Long Spacing Bulk Density	g/cm3	CUSTOMER
RHOS	Short Spacing Bulk Density	g/cm3	CUSTOMER
ROBB	Bulk Density, Bottom	g/cm3	BASIC
ROBL	Bulk Density, Left	g/cm3	BASIC
ROBR	Bulk Density, Right	g/cm3	BASIC
ROBU	Bulk Density, Up	g/cm3	BASIC
ROLB	Long Spacing Bulk Density, Bottom	g/cm3	CUSTOMER
ROLL	Long Spacing Bulk Density, Left	g/cm3	CUSTOMER
ROLR	Long Spacing Bulk Density, Right	g/cm3	CUSTOMER
ROLU	Long Spacing Bulk Density, Up	g/cm3	CUSTOMER
ROP5_RM	Rate of Penetration, Averaged over Last 5ft	ft/h	BASIC
ROSB	Short Spacing Bulk Density, Bottom	g/cm3	CUSTOMER
ROSL	Short Spacing Bulk Density, Left	g/cm3	CUSTOMER
ROSR	Short Spacing Bulk Density, Right	g/cm3	CUSTOMER
ROSU	Short Spacing Bulk Density, Up	g/cm3	CUSTOMER
RPM_ADN	ADN Rotational Speed	c/min	CUSTOMER
S1RA	Peak Slowness – Receiver Array		Dimension: [16] CUSTOMER
S1TA	Peak Slowness – Transmitter Array		Dimension: [16] CUSTOMER
SHK1_ADN	ADN Shock Rate, over 50g	1/s	CUSTOMER
SHK1_ARC	ARC Average Tool Shocks	1/s	CUSTOMER
SHK2_ADN	ADN Shock Rate, over 200g	1/s	CUSTOMER
SSHV	High Voltage Output for SS Loop	V	CUSTOMER
SSW1	Raw Short Spacing Window 1 Count Rate	1/s	CUSTOMER
SSW3	Raw Short Spacing Window 3 Count Rate	1/s	CUSTOMER
SSW5	Raw Short Spacing Window 5 Count Rate	1/s	CUSTOMER
STRA	Slowness Time Projection, Receiver Array		Dimension: [240] CUSTOMER
STTA	Slowness Time Projection, Transmitter Array		Dimension: [240] CUSTOMER
T1RA	Peak Time – Receiver Array		Dimension: [16] CUSTOMER
T1TA	Peak Time – Transmitter Array		Dimension: [16] CUSTOMER
TAB_ARC_RES	ARC Resistivity Time After Bit	s	BASIC
TAB_DEN	Density Time After Bit	s	BASIC
TAB_NEU	Neutron Time After Bit	s	BASIC
TDEP;1	0.1-ft Frame Depth	0.1 in	CUSTOMER
TEMP	Temperature	degF	CUSTOMER
TEMP_ARC	ARC Tool Temperature	degC	CUSTOMER
TNPH	Thermal Neutron Porosity (Ratio Method) in Selected Lithology	pu	BASIC
TNPH_UNC	Hole Size Corrected Thermal Neutron Porosity	pu	BASIC
TNRA	Thermal Neutron Ratio		CUSTOMER
TNRA_UNC	Hole Size & Eccentering Corrected Thermal Neutron Ratio		CUSTOMER
TTEM_ADN	ADN Tool Temperature	degC	CUSTOMER
TTBA	Transit Time at Compressional Peak for the Receiver Array	us	CUSTOMER

TTRA	Transit Time at Compressional Peak for the Receiver Array	us	CUSTOMER
TTTA	Transit Time at Compressional Peak for the Transmitter Array	us	CUSTOMER
U	Volumetric Photoelectric Factor		BASIC
UB	Volumetric Photoelectric Factor, Bottom		BASIC
UL	Volumetric Photoelectric Factor, Left		BASIC
UR	Volumetric Photoelectric Factor, Right		BASIC
UU	Volumetric Photoelectric Factor, Up		BASIC
VERD	Vertical Hole Diameter	in	BASIC
Spacing: 2.00 in Number of Channels: 1			
<u>Mnemonic</u>	<u>Long Name</u>	<u>Units</u>	<u>Properties</u>
TDEP;2	6-in. Frame Depth	0.1 in	CUSTOMER

Frame Summary
File: CDF_LWD003
Sequence: -1

Origin: 41						
<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	1803.04	3062.94 m	12.0 (0.1 in) down	5	TDEP	12B
	5915.50	10049.00 ft				
BOREHOLE-DEPTH	1803.04	3062.94 m	60.0 (0.1 in) down	200	TDEP;1	60B
	5915.50	10049.00 ft				
BOREHOLE-DEPTH	1902.56	3030.27 m	20.0 (0.1 in) down	1	TDEP;2	20B
	6242.00	9941.83 ft				