

# Schlumberger

**Company: Santos Ltd**

## 12.25 in. Section

# Netherby-1

Field: Otway

**Rig: Ocean Patriot**

State:

# Victoria

<b>VISION Service</b> <b>1:200 True Vertical Depth</b> <b>Recorded Mode Log</b>			
<b>Rig:</b> Ocean Patriot <b>Field:</b> Otway <b>Location:</b> Otway Basin <b>Well:</b> Netherby-1 <b>Company:</b> Santos Ltd	<b>Location</b> <table border="1"> <tr> <td> <b>Total depth:</b> 1875.0 m  <b>Spud date:</b> 15-July-08  <b>Runs:</b> 2 To 4  <b>Permanent datum:</b> Mean Sea Level  <b>Log measured from:</b> Drill Floor  <b>Depth reference:</b> Driller's Depth           </td> <td> <b>Elevation</b>  <b>K.B.</b> Top Drive  <b>G.L.</b> -66.1 m  <b>D.F.</b> 20.8 m  <b>Elev.:</b> 0.0 m           </td> </tr> </table>	<b>Total depth:</b> 1875.0 m <b>Spud date:</b> 15-July-08 <b>Runs:</b> 2 To 4 <b>Permanent datum:</b> Mean Sea Level <b>Log measured from:</b> Drill Floor <b>Depth reference:</b> Driller's Depth	<b>Elevation</b> <b>K.B.</b> Top Drive <b>G.L.</b> -66.1 m <b>D.F.</b> 20.8 m <b>Elev.:</b> 0.0 m
<b>Total depth:</b> 1875.0 m <b>Spud date:</b> 15-July-08 <b>Runs:</b> 2 To 4 <b>Permanent datum:</b> Mean Sea Level <b>Log measured from:</b> Drill Floor <b>Depth reference:</b> Driller's Depth	<b>Elevation</b> <b>K.B.</b> Top Drive <b>G.L.</b> -66.1 m <b>D.F.</b> 20.8 m <b>Elev.:</b> 0.0 m		
<b>Job Number:</b> X = E 642,694.06 m <b>08ASQ0003</b> Y = N 5,717,438.49 m	<b>Longitude</b> <b>Latitude</b> <b>E 142° 38' 25.745"S 38° 40' 48.578"</b>		

Depth logged:	1750.0 m To 1852.4 m	Mag decl:	10.777 deg.	Other services:
Date logged:	21-Jul-08 To 31-Jul-08	Mag dip:	-69.86 deg.	See Remarks

Bore hole record			Casing record			
Hole size	from	to	Size	Density	from	to
36.0 in.	88.0 m	130.9 m	30.0 in.	310.0 lbm/lm	88.0 m	130.9 m
17.5 in.	130.9 m	647.5 m	13.375 in.	223.0 lbm/lm	88.0 m	642.0 m
12.25 in.	647.5 m	1875.0 m				
Mud record			Borehole deviation record			
Type	from	to	Min	Max	from	to
Sea Water	88.0 m	969.0 m	0.34 deg.	0.94 deg.	130.9 m	647.5 m
KCl/HPA/Glycol	969.0 m	1875.0 m	0.52 deg.	35.39 deg.	647.5 m	1875.0 m

Surface equipment	Software record
-------------------	-----------------

Unit	A3518-1/06	IDEAL wis	ID13_OC_08	
------	------------	-----------	------------	--

Depth system	Geolograph+GTE+CLT	SPM	HSPM13_0c_03	
--------------	--------------------	-----	--------------	--

	LWD	See Remarks	
--	-----	-------------	--

	MWD	See Remarks	

## Bit Run Summary

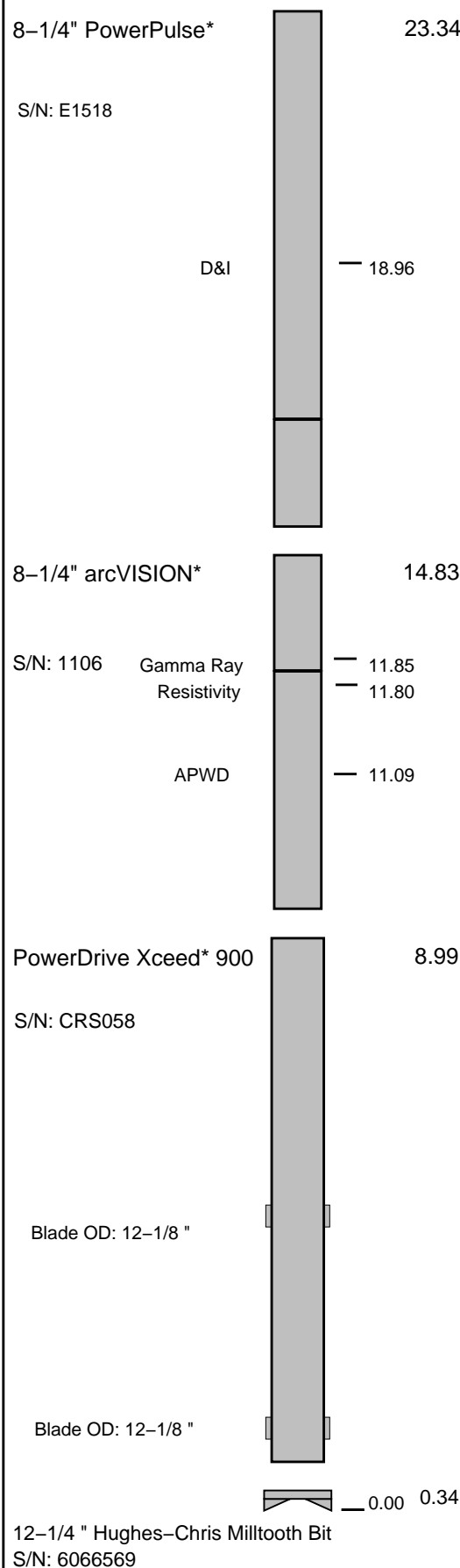
Run number		2	3	4						
Bit size	in	12.25	12.25	12.25						
Bit start depth	m	647.5	1421.0	1870.0						
Bit end depth	m	1421.0	1870.0	1875.0						
Top interval logged	m	642.0	1409.9	1750.0						
Bottom interval logged	m	1409.9	1859.0	1838.0						
Begin log: time		06:00	21:45	12:00						
Begin log: date		21-Jul-08	23-Jul-08	30-Jul-08						
End log: time		16:05	23:10	23:00						
End log: date		23-Jul-08	24-Jul-08	31-Jul-08						
<b>Mud data</b>										
Depth	m	1421.0	1870.0	1875						
Type		KCl/Glycol	KCl/Glycol	KCl/Glycol						
Mud weight	ppg	9.4	11.0	11.0						
Solids	%	8.20	10.75	10.75						
Chlorides	mg/L	47000	48000	45000						
Rm	ohm.m@°C	0.098@19.5	0.110@21.6	0.1285@15.4						
Rmf	ohm.m@°C	0.095@20.0	0.087@21.7	0.1054@15.2						
Rmc	ohm.m@°C	0.100@20.1	0.129@21.6	0.1490@15.6						

Potassium	%	4.723	4.513	4.356						
<b>Environmental data</b>										
<b>GR</b>										
Mud weight	ppg	9.4	11.0	11.0						
Bit size	in	12.25	12.25	12.25						
<b>Resistivity</b>										
<b>Neutron porosity</b>										
Hole Size	in	12.25	12.25	12.25						
Mud weight	ppg	9.4	11.0	11.0						
Temperature	°C	56	77	77						
Mud salinity	ppk	n/a	n/a	72.75						
Formation salinity	n/a	n/a	n/a	n/a						
Recording rate 1	SEC	6	6	6 (ARC)						
Recording rate 2	SEC	n/a	n/a	5 (SADN)						
Filtering GR		3 Points	3 Points	3 Points						
Filtering density		n/a	n/a	3 Points						
Filtering Neutron		n/a	n/a	3 Points						
Company representative		C. Roots	N. Peri							
Anadrill personnel		J. Oldridge	Z. Rudd	A. Kohli	A. Stroud	A. Partono				

<p style="text-align: center;"><b>DISCLAIMER</b></p> <p>THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE OF AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.</p>		
<b>OTHER SERVICES FOR RUN2</b> Directional Drilling Direction Surveys Shock & Vibrations APWD	<b>OTHER SERVICES FOR RUN3</b> Directional Drilling Direction Surveys Shock & Vibrations APWD	<b>OTHER SERVICES FOR RUN4</b> Directional Drilling Direction Surveys Shock & Vibrations APWD
<b>REMARKS: RUN NUMBER 2</b> Depth is referenced to Driller's Depth  Gamma Ray is corrected for mud weight, bit size, tool collar size and potassium content in mud.  Resistivity is borehole compensated and environmentally corrected for bit size, mud resistivity and temperature.  POOH to change bit	<b>REMARKS: RUN NUMBER 3</b> Depth is referenced to Driller's Depth  Gamma Ray is corrected for mud weight, bit size, tool collar size and potassium content in mud.  Resistivity is borehole compensated and environmentally corrected for bit size, mud resistivity and temperature.  POOH at Well TD	<b>REMARKS: RUN NUMBER 4</b> Depth is referenced to Driller's Depth  Gamma Ray is corrected for mud weight, bit size, tool collar size and potassium content in mud.  Resistivity is borehole compensated and environmentally corrected for bit size, mud resistivity and temperature.  Thermal neutron porosity (TNPH) is corrected for bit size, temperature, mud salinity and mud hydrogen index (a factor of mud weight, mud pressure, and mud temperature).  Neutron porosity is calculated using a limestone matrix density of 2.71 gg/cm3.  Reamed down from 1750–1870m to relog.  Drilled from 1870–1875m .  POOH at completion of logging.

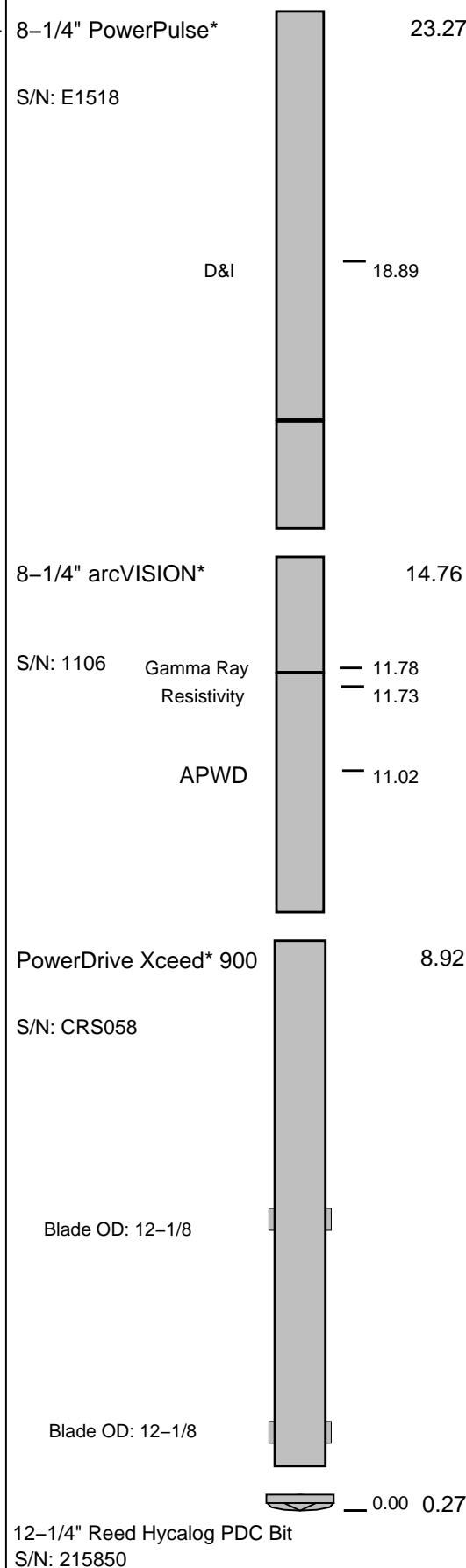
EQUIPMENT DESCRIPTION		
RUN2	RUN3	RUN4
DOWNHOLE EQUIPMENT	DOWNHOLE EQUIPMENT	DOWNHOLE EQUIPMENT

## DOWNHOLE EQUIPMENT



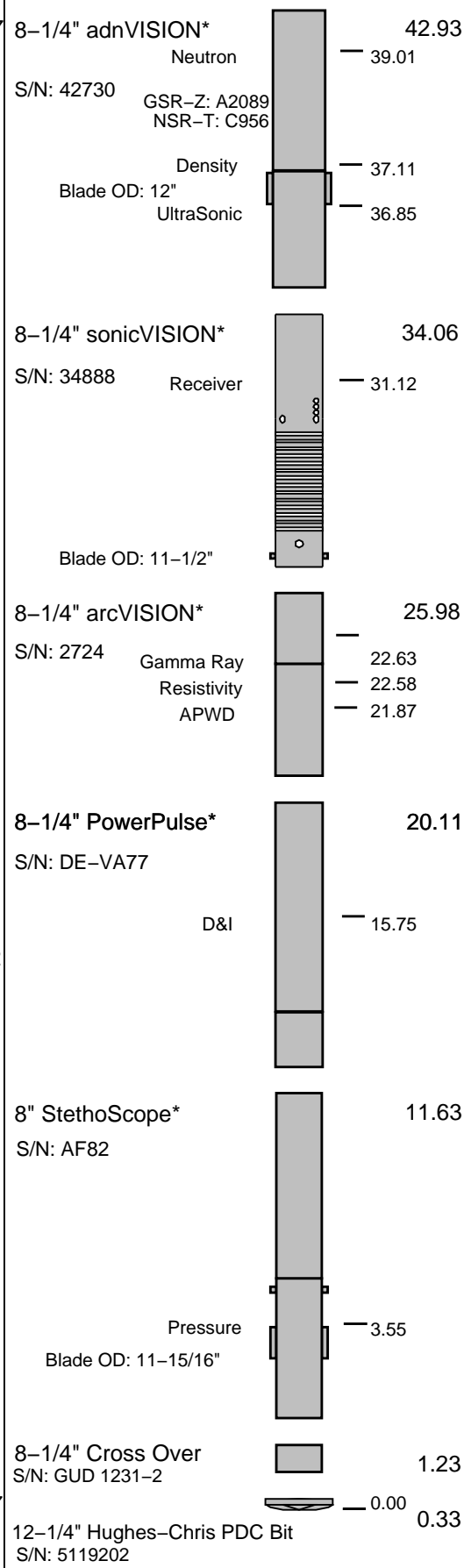
Maximum string diameter 12.25 in.  
All lengths in Meters

## DOWNHOLE EQUIPMENT



Maximum string diameter 12.25 in.  
All lengths in Meters

## DOWNHOLE EQUIPMENT



Maximum string diameter 12.25 in.  
All lengths in Meters

Variable Name	Variable Description	Run Name & Value			
	Run Number		2	3	4
	General Information				
BHT_RM	Bottom Hole Temperature (RM)	DEGC	56.000	77.000	63.000
BSAL_RM	Mud Salinity (RM)	PPK	0.000	0.000	72.750
BS_RM	Bit Size (RM)	IN	12.250	12.250	12.250
COEF_M	User Defined FEXP in Clean Sand	----	1.650	1.650	1.650
C_WS	Overpressure correction to Sw and M	----	1.000	1.000	1.000
FEXP	Formation Factor Exponent (RM)	----	2.000	2.000	2.000
FNUM	Formation Factor Enumerator (RM)	----	1.000	1.000	1.000
FPHI_RM	Formation Factor Porosity Source (RM)	----	XPLOT	XPLOT	XPLOT
MST_RM	Mud Sample temperature (RM)	DEGC	19.500	21.600	15.400
MW_RM	Mud Weight (RM)	LB/G	9.400	11.000	11.100
OBMF_RM	Oil Based Mud (RM)	----	NO	NO	NO
RHOF_RM	Mud Filtrate Density (RM)	G/C3	1.000	1.000	1.000
RHOM_RM	Matrix density (RM)	G/C3	2.710	2.710	2.710
RMS_RM	Resistivity of Mud Sample (RM)	OHMM	0.098	0.110	0.128
RWA_COMP_M	Rwa computation model				
RWA_DEN_AD	Rwa Density Input ADN				
RWA_DEN_CD	Rwa Density Input CDN				
RWA_DEN_IN	Rwa Density Input				
RWA_FORM_M	Rwa computation formation model				
RWA_RES_IN	Rwa computation resistivity input				
RWS_RM	Resistivity of Connate Water (RM)	OHMM	1.000	1.000	1.000
SHT_RM	Ground Level Temperature (Mud-Line When Offshore ) (RM)	DEGC	10.000	10.000	10.000
TD_RM	Total Measured Depth (RM)	M	1421.000	1870.000	1875.000
TWS_RM	Temperature of Connate Water (RM)	DEGC	23.889	23.889	23.889
VF_ILLI	Fraction of illite in shales	----	0.500	0.500	0.500
VF_KAOL	Fraction of kaolinite in shales	----	0.500	0.500	0.500
VF_MONT	Fraction of montmorillonite in shales	----	0.000	0.000	0.000
XPDM_RM	Cross plot density porosity multiplier	----	0.675	0.675	0.675
XPNM_RM	Cross plot neutron porosity multiplier	----	0.325	0.325	0.325
	ARC				
A12A	ARC Air Cal Attenuation From T1 at 2 MHz	DB	8.020	8.020	8.267
A14A	ARC Air Cal Attenuation From T1 at 400 KHz	DB	7.994	7.994	8.197
A22A	ARC Air Cal Attenuation From T2 at 2 MHz	DB	6.677	6.677	6.374
A24A	ARC Air Cal Attenuation From T2 at 400 KHz	DB	6.710	6.710	6.450
A32A	ARC Air Cal Attenuation From T3 at 2 MHz	DB	4.724	4.724	4.991
A34A	ARC Air Cal Attenuation From T3 at 400 KHz	DB	4.692	4.692	4.915
A42A	ARC Air Cal Attenuation From T4 at 2 MHz	DB	4.625	4.625	4.337
A44A	ARC Air Cal Attenuation From T4 at 400 KHz	DB	4.657	4.657	4.410
A52A	ARC Air Cal Attenuation From T5 at 2 MHz	DB	3.309	3.309	3.582
A54A	ARC Air Cal Attenuation From T5 at 400 KHz	DB	3.289	3.289	3.513
ABNT	Abnormal Transmitter Indicator	----	No_Tx_Failed	No_Tx_Failed	No_Tx_Failed
ADHS	ARC Down Hole Software Version	----	9.3B13	9.3B13	9.3B13
AM2A	ARC Air Cal Amplitude Offset at 2 MHz	----	-50000.000	-50000.000	-50000.000
ANISO_COMPUTE	Anisotropy Computation Option	----	YES	YES	YES
APICG	ARC5 Gamma Ray Gain Factor	----	1.054	1.054	1.078
APIG	ARC Gamma Ray API Gain Factor	----	-1.000	-1.000	-1.000
ARC_DATA_FIX	ARC: Create A Corrected ARC Time Data File	----	NO	NO	NO
ARC_DATA_LTB	ARC: Create An ARC LTB Data File	----	NO	NO	NO
ATMP_ARC	ARC Select Temperature Channel	----	Annulus_Temp	Annulus_Temp	Annulus_Temp
ATRN	ARC Tool Run Number	----	1	2	1
ATSN	ARC Tool Serial Number	----	1106	1106	2724
AZMF	Formation DIP Azimuth	DEG	0.000	0.000	0.000
BH_COMPUTE	Borehole Inversion Computation Option	----	YES	YES	YES
CALG	ARC Gamma Ray Cal Gain Factor	----	1.054	1.054	1.078
CALI_SLCT_ARC	ARC Caliper Selection	----	BITSIZE	BITSIZE	BITSIZE
CDPTH_ARC	Process Start Depth	M	30.480	30.480	30.480
DIELEC_COMPUTE	Dielectric Computation Option	----	YES	YES	YES
DIPF	Formation DIP Angle	DEG	0.000	0.000	0.000
ERRCT	Percentage Error Cutoff	----	4.500	4.500	4.500
GRSH	GR Shale (Invasion Computation Cutoff)	GAPI	1000.000	1000.000	1000.000
HIGH_BLEND	High Resistivity Threshold for Blending	OHMM	2.000	2.000	2.000
INCLIN_B0	ARC Bias Constant (mg)	----	0.000	0.000	0.000
INCLIN_B1	ARC Bias First-order Coefficient (mg/degC)	----	0.000	0.000	0.000
INCLIN_B2	ARC Bias Secod-order Coeeficient (mg/degC)	----	0.000	0.000	0.000
INCLIN_B3	ARC Bias Third-order Coeeficient (mg/degC)	----	0.000	0.000	0.000
INCLIN_C0	ARC Current Scale Factor Constant (mA/g)	----	1.000	1.000	1.000
INCLIN_C1	ARC Scale First-order Coefficient (mA/g/degC)	----	0.000	0.000	0.000
INCLIN_C2	ARC Scale Second-order Coeeficient (mA/g/degC)	----	0.000	0.000	0.000
INCLIN_C3	ARC Scale Third-order Coeeficient (mA/g/degC)	----	0.000	0.000	0.000
INVAS_COMPUTE	Invasion Computation Option	----	YES	YES	YES
JSD_ARC	ARC Acquisition start date	----	21-Jul-08	23-Jul-08	30-Jul-08
KPER	Potassium Concentration (RM)	----	4.723	4.513	4.356
LOW_BLEND	Low Resistivity Threshold for Blending	OHMM	1.000	1.000	1.000
MSWS	ARC Wizard Model Switch Window	M	1.524	1.524	1.524
MULTIEFFECT_COM	Multi Effect Option	----	YES	YES	YES
P11AC_RM	ARC: Air Calibration For Phase T1 to R1	DEG	-999.250	-999.250	-999.250
P12A	ARC Air Cal Phase-Shift From T1 at 2 MHz	DEG	1.960	1.960	-1.295
P14A	ARC Air Cal Phase-Shift From T1 at 400 KHz	DEG	0.491	0.491	1.663
P22A	ARC Air Cal Phase-Shift From T2 at 2 MHz	DEG	-1.862	-1.862	1.364
P24A	ARC Air Cal Phase-Shift From T2 at 400 KHz	DEG	-0.572	-0.572	-1.688
P32A	ARC Air Cal Phase-Shift From T3 at 2 MHz	DEG	1.851	1.851	-1.375
P34A	ARC Air Cal Phase-Shift From T3 at 400 KHz	DEG	0.506	0.506	1.672
P42A	ARC Air Cal Phase-Shift From T4 at 2 MHz	DEG	-1.940	-1.940	1.321
P44A	ARC Air Cal Phase-Shift From T4 at 400 KHz	DEG	-0.578	-0.578	-1.701
P52A	ARC Air Cal Phase-Shift From T5 at 2 MHz	DEG	1.831	1.831	-1.400
P54A	ARC Air Cal Phase-Shift From T5 at 400 KHz	DEG	0.511	0.511	1.648

POFFSET_ARC	ARC: Pressure Offset	PSI	0.000	0.000	0.000
PRTD	Preferred Resistivity Log for Rt Display while Multi-Effects	----	P34B	P34B	P34B
PSOF_ADJ_T1	ARC: User Input Phase offset	DEG	0.000	0.000	0.000
RESTIK	ARC resistivity tick source	----	Phase	Phase	Phase
RSD	LWD run start date dd-mmm-yy	----	21-Jul-08	23-Jul-08	30-Jul-08
RWA_COMP_MOD	Rwa computation model	----	BASIC	BASIC	BASIC
RWA_DEN_ADN	Rwa Density Input	----	RHOB	RHOB	RHOB
RWA_DEN_CDN	Rwa Density Input	----	RHOB	RHOB	RHOB
RWA_DEN_INPUT	Rwa Density Input	----	RHOB	RHOB	RHOB
RWA_FORM_MOD	Rwa computation formation model	----	CLASTIC	CLASTIC	CLASTIC
RWA_RES_INPUT	Rwa computation resistivity input	----	RT	RT	RT
SHIG	ARC High Shock Risk Level	CPS	0.500	0.500	0.500
SMED	ARC Medium Shock Risk Level	CPS	0.330	0.330	0.330
SMIN	ARC Minimum Shock Risk Level	CPS	0.160	0.160	0.160
SUPD	ARC Real Time Shock Update Rate	S	30.000	30.000	30.000
TCODE_ARC	ARC Tool File Code	S	30.000	30.000	30.000
TSIZ_ARC	ARC Tool Size	IN	8.250	8.250	8.250
UNIFORM_COMPUTE	Uniform Rock Option	----	YES	YES	YES
VERS_ARC	ARC Down hole software version Number	----	9.300	9.300	9.300
WRK	to Report Potassium Concentration (RM)	----	K_by_Wgt_%	K_by_Wgt_%	K_by_Wgt_%

ADN_CHASSIS_STR	Type String		Chassis	ADN
ADN_COLLAR_STR	Type String		Collar	ADN
ADN_DATA_FIX	ADN: Create A Corrected ADN Time Data File	----		NO
ADN_DATA_LTB	ADN: Create An ADN LTB Data File	----		NO
ADN_STAB_STR	ADN Stabilizer Type String	----		NO
ALPHA_COMPUTE_D	Perform Density Enhanced Vertical Resolution process ?	----		NO
ALPHA_COMPUTE_N	Perform Neutron Enhanced Vertical Resolution process ?	----		NO
AVE_ADN	ADN/Array Channels: perform averaging(RM) :	----		YES
A_DHS	ADN Down Hole Software Version String	----		YES
CHI_RM	Caliper High limit from BS (RM)		IN	3.000
CLO_RM	Caliper Low limit from BS (RM)		IN	0.000
DEVI	Well Section Deviation		DEG	21.560
DTIK_SEL	ADN: Density Tick Channel Name	----		LSAZ
DTMUD	Delta-T for Mud		US/F	189.270
DYN_IMG_COMPUTE	Generate Dynamic Normalized Image?	----		NO
ENVCOR	Neutron Processing: Environmental Correction?	----		YES
EVRL	EVR Process averaging number of samples (RM)	----		49
FAZ1_AVAIL	ADN8 Neutron Far Tube 1 Available?	----		YES
FAZ2_AVAIL	ADN8 Neutron Far Tube 2 Available?	----		YES
FAZ3_AVAIL	ADN8 Neutron Far Tube 3 Available?	----		YES
FCD	Future Casing (Outer) Diameter		IN	0.000
GCSE	Generalized Caliper Selection	----		BS
IDQT	Image Derived Quality Threshold	----		1.000
IHVS	Integrated Hole Volume Start Value(RM)		F3	0.000
IMAGE_MAX_SOA	Image SOA (Quadrant) Right Scale		IN	2.500
IMAGE_MAX_SPEF	Image PEF(Segment) Right Scale	----		6.000
IMAGE_MAX_SRHOB	Image RHOB(Segment) Right Scale		G/C3	2.650
IMAGE_MIN_SOA	Image SOA (Quadrant) Left Scale		IN	0.000
IMAGE_MIN_SPEF	Image PEF(Segment) Left Scale	----		2.000
IMAGE_MIN_SRHOB	Image RHOB(Segment) Left Scale		G/C3	2.050
JSD_ADN	ADN Acquisition start date	----		30-Jul-08
LITHO_TYPE_ADN	Lithology (RM)	----		LIME
N1FTU_6_RM	ADN: Neutron Bank 1 Far Tubes used :	----		1-2-3
N2FTU_6_RM	ADN: Neutron Bank 2 Far Tubes used :	----		1-2-3
NNTU_8_RM	ADN: Neutron Near Tube used :	----		1-2-3
NTIK_SEL	ADN: Neutron Tick Channel Name	----		FAZ1
SOCNL	Standoff Distance of the CNL Tool	----		1.000
SSIZ_ADN	ADN Stabilizer Size		IN	12.000
STOH	ADN Density Top of Hole Sector (Left Boundary):	----		SECTOR_0
TRPM_RM	Average Tool Rotational Speed		RPM	20.000
USMIN_RM	ADN:Minimum Ultrasonic standoff (RM)		IN	0.180
USWF_RM	ADN:Process Ultrasonic Waveform?	----		YES
VERS_ADN	ADN Downhole Software Version	----		V8.3A02
WSDI	Window Size of Dynamic Normalization Image		M	4.572

Schlumberger Drilling & Measurements

ID13 Parameter Insert Header Software version 3.0c

## VISION Service RM 200TVD

IDEAL Version: ID13\_0C\_08

IDF

ARC8A-AA id13\_0c\_02 MWD\_10 id13\_0c\_02

Format: VISION Service RM Log Vertical Scale: 1:200 Graphics File Created: 22-Aug-2008 22:07

### PIP SUMMARY

Density Samples +

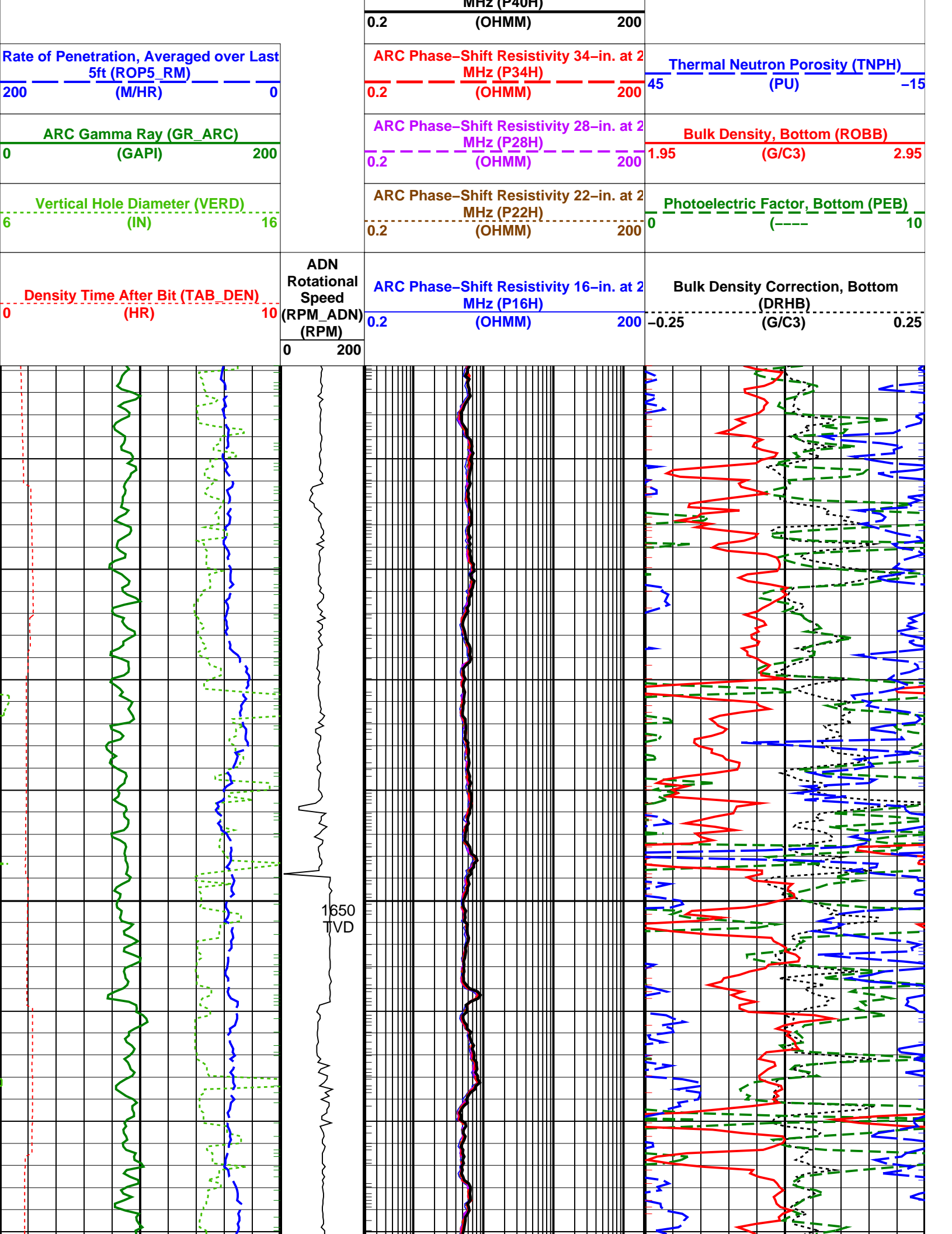
Neutron Samples -

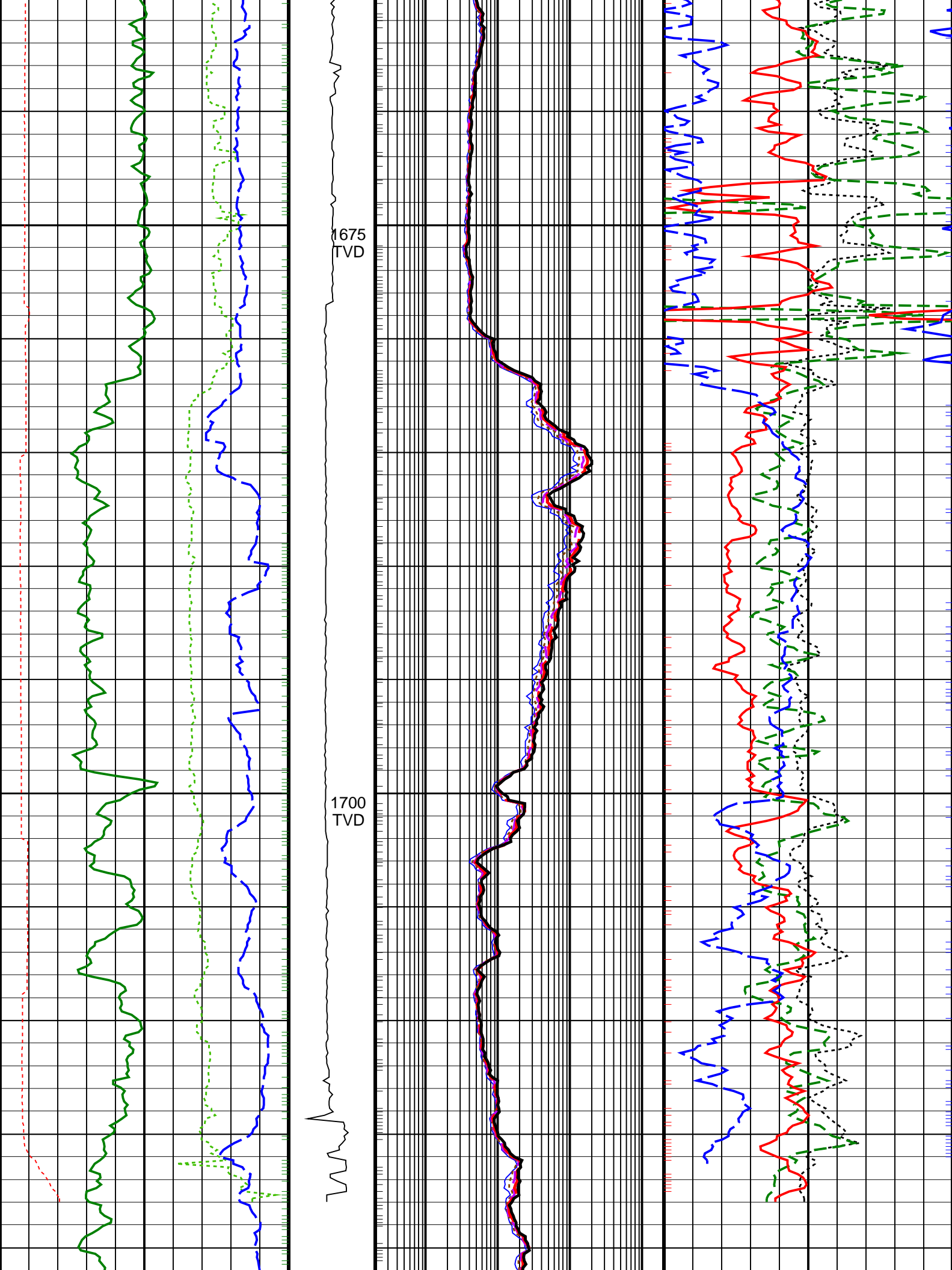
+ ARC Gamma Ray Samples

+ ARC Resistivity Samples

ARC Phase-Shift Resistivity 40-in. at 2

MHz (P400)







<div>Density Time After Bit (TAB_DEN) (HR)</div> <div>010</div>	ADN Rotational Speed (RPM_ADN) (RPM)	<div>ARC Phase-Shift Resistivity 16-in. at 2 MHz (P16H)</div> <div>0.2200</div> <div>(OHMM)</div>	<div>Bulk Density Correction, Bottom (DRHB)</div> <div>-0.250.25</div> <div>(G/C3)</div>
	0200		
<div>Vertical Hole Diameter (VERD) (IN)</div> <div>616</div>		<div>ARC Phase-Shift Resistivity 22-in. at 2 MHz (P22H)</div> <div>0.2200</div> <div>(OHMM)</div>	<div>Photoelectric Factor, Bottom (PEB)</div> <div>010</div> <div>(-----)</div>
<div>ARC Gamma Ray (GR_ARC) (GAPI)</div> <div>0200</div>		<div>ARC Phase-Shift Resistivity 28-in. at 2 MHz (P28H)</div> <div>0.2200</div> <div>(OHMM)</div>	<div>Bulk Density, Bottom (ROBB)</div> <div>1.952.95</div> <div>(G/C3)</div>
<div>Rate of Penetration, Averaged over Last 5ft (ROP5_RM)</div> <div>2000</div> <div>(M/HR)</div>		<div>ARC Phase-Shift Resistivity 34-in. at 2 MHz (P34H)</div> <div>0.2200</div> <div>(OHMM)</div>	<div>Thermal Neutron Porosity (TNPH)</div> <div>45-15</div> <div>(PU)</div>
		<div>ARC Phase-Shift Resistivity 40-in. at 2 MHz (P40H)</div> <div>0.2200</div> <div>(OHMM)</div>	

PIP SUMMARY

Density Samples +

Neutron Samples +

ARC Gamma Ray Samples +

ARC Resistivity Samples +



## 8.25-in. Array Resistivity Compensated / Equipment Identification

Primary Equipment:

Tool Name and Serial Number

ARC825 Calibration Status

ARC8 – AA











Valid

8084

Master: 16-Jul-2008 15:02

## 8.25-in. Array Resistivity Compensated Calibration

Resistivity: Air

Resistivity: 1.4m													
Phase	Phase-Shift T1		Value	Phase	Phase-Shift T2		Value	Phase	Phase-Shift T3		Value		
Master			1.960	Master			-1.862	Master			1.851		
-3.900 (Minimum)			0.1000 (Nominal)	4.100 (Maximum)			-3.900 (Minimum)			0.1000 (Nominal)	4.100 (Maximum)		
Phase	Phase-Shift T4		Value	Phase	Phase-Shift T5		Value	Phase	Phase-Shift T1 at 400KHz		Value		
Master			-1.940	Master			1.831	Master			0.4912		
-3.900 (Minimum)			0.1000 (Nominal)	4.100 (Maximum)			-3.900 (Minimum)			0.1000 (Nominal)	4.100 (Maximum)		
Phase	Phase-Shift T2 at 400KHz		Value	Phase	Phase-Shift T3 at 400KHz		Value	Phase	Phase-Shift T4 at 400KHz		Value		
Master			-0.5722	Master			0.5060	Master			-0.5776		
-3.900 (Minimum)			0.1000 (Nominal)	4.100 (Maximum)			-3.900 (Minimum)			0.1000 (Nominal)	4.100 (Maximum)		
Phase	Phase-Shift T5 at 400KHz		Value										
Master			0.5110										
-3.900 (Minimum)			0.1000 (Nominal)									4.100 (Maximum)	

Master: 16-Jul-2008 15:02

## 8.25-in. Array Resistivity Compensated Calibration


Resistivity: Air

Phase	Attenuation T1		Value	Phase	Attenuation T2		Value	Phase	Attenuation T3		Value	
Master	<div><div></div></div>		8.020	Master	<div><div></div></div>		6.677	Master	<div><div></div></div>		4.724	
6.500 (Minimum)			8.500 (Nominal)	4.500 (Minimum)			6.500 (Nominal)	2.500 (Minimum)			4.500 (Nominal)	6.500 (Maximum)
Phase	Attenuation T4		Value	Phase	Attenuation T5		Value	Phase	Attenuation T1 at 400KHz		Value	
Master	<div><div></div></div>		4.625	Master	<div><div></div></div>		3.309	Master	<div><div></div></div>		7.994	
2.600 (Minimum)			4.600 (Nominal)	1.600 (Minimum)			3.600 (Nominal)	6.500 (Minimum)			8.500 (Nominal)	10.50 (Maximum)
Phase	Attenuation T2 at 400KHz		Value	Phase	Attenuation T3 at 400KHz		Value	Phase	Attenuation T4 at 400KHz		Value	
Master	<div><div></div></div>		6.710	Master	<div><div></div></div>		4.692	Master	<div><div></div></div>		4.657	
4.500 (Minimum)			6.500 (Nominal)	2.500 (Minimum)			4.500 (Nominal)	2.600 (Minimum)			4.600 (Nominal)	6.600 (Maximum)
Phase	Attenuation T5 at 400KHz		Value									
Master	<div><div></div></div>		3.289									
1.600 (Minimum)			3.600 (Nominal)									

Master: 15-Jun-2008 17:32

## 8.25-in. Array Resistivity Compensated Calibration

Gamma Ray: Blanket

Phase	Gamma ray factor (equals Calibration Gain multiplied by API Gain Factor)	CPS	Value
Master			7.590
	4.960 (Minimum)	7.200 (Nominal)	9.650 (Maximum)

## 8.25-in. Stabilized Azimuthal Density Neutron / Equipment Identification

Primary Equipment:

Tool Name and Serial Number

Collar Type and Serial Number

Chassis Type and Serial Number

Stabilizer Type and Serial Number

Neutron Logging Source




SADN – AA




NDDC – CA

ADSE – GA



















NSR – I

Phase	LS window 3 – Mg CPS	Value	Phase	SS window 1 – Mg CPS	Value	Phase	SS window 3 – Mg CPS	Value
Master		943.0	Master		4396	Master		4002
	40.00 (Minimum)			300.0 (Minimum)			300.0 (Minimum)	
	700.0 (Nominal)			3620 (Nominal)			2880 (Nominal)	
	1400 (Maximum)			7000 (Maximum)			5000 (Maximum)	

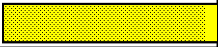
Phase	LS window 3 – AI CPS			Value	Phase	SS window 1 – AI CPS			Value	Phase	SS window 3 – AI CPS			Value
Master				149.1	Master				2075	Master				2655
	10.00 (Minimum)	110.0 (Nominal)	200.0 (Maximum)			200.0 (Minimum)	1650 (Nominal)	3000 (Maximum)			200.0 (Minimum)	1930 (Nominal)	4000 (Maximum)	

Phase	LS window 3 – Background CPS			Value	Phase	SS window 1 – Background CPS			Value	Phase	SS window 3 – Background CPS			Value
Master				71.27	Master				103.3	Master				237.4
	17.00 (Minimum)	90.00 (Nominal)	170.0 (Maximum)			20.00 (Minimum)	120.0 (Nominal)	200.0 (Maximum)			50.00 (Minimum)	260.0 (Nominal)	500.0 (Maximum)	

Phase	Long spacing water density G/C3			Value	Phase	Short spacing water density G/C3			Value
Master			EXCEEDS LIMIT	1.079	Master				1.365
	1.047 (Minimum)	1.062 (Nominal)	1.077 (Maximum)			1.336 (Minimum)	1.393 (Nominal)	1.450 (Maximum)	

Phase	Far Tube 1 Air Point Measure			CPS	Value	Phase	Far Tube 1 Rod Point Measure			CPS	Value	Phase	Far Tube 1 Water Point Measure			CPS	Value
Master				149.1	Master				52.08	Master				19.43			
	100.0 (Minimum)	152.1 (Nominal)	190.0 (Maximum)			35.00 (Minimum)	55.33 (Nominal)	69.00 (Maximum)			13.00 (Minimum)	20.14 (Nominal)	25.00 (Maximum)				
Phase	Far Tube 2 Air Point Measure			CPS	Value	Phase	Far Tube 2 Rod Point Measure			CPS	Value	Phase	Far Tube 2 Water Point Measure			CPS	Value
Master				144.9	Master				51.84	Master				18.60			
	100.0 (Minimum)	152.1 (Nominal)	190.0 (Maximum)			35.00 (Minimum)	55.33 (Nominal)	69.00 (Maximum)			13.00 (Minimum)	20.14 (Nominal)	25.00 (Maximum)				
Phase	Far Tube 3 Air Point Measure			CPS	Value	Phase	Far Tube 3 Rod Point Measure			CPS	Value	Phase	Far Tube 3 Water Point Measure			CPS	Value
Master				145.4	Master				51.53	Master				18.76			
	100.0 (Minimum)	152.1 (Nominal)	190.0 (Maximum)			35.00 (Minimum)	55.33 (Nominal)	69.00 (Maximum)			13.00 (Minimum)	20.14 (Nominal)	25.00 (Maximum)				
Phase	Near Tube 1 Air Point Measure			CPS	Value	Phase	Near Tube 1 Rod Point Measure			CPS	Value	Phase	Near Tube 1 Water Point Measure			CPS	Value
Master				1523	Master				1566	Master				818.0			
	1100 (Minimum)	1462 (Nominal)	2000 (Maximum)			1200 (Minimum)	1519 (Nominal)	2000 (Maximum)			640.0 (Minimum)	801.5 (Nominal)	1100 (Maximum)				
Phase	Near Tube 2 Air Point Measure			CPS	Value	Phase	Near Tube 2 Rod Point Measure			CPS	Value	Phase	Near Tube 2 Water Point Measure			CPS	Value
Master				1470	Master				1528	Master				816.5			
	1100 (Minimum)	1462 (Nominal)	2000 (Maximum)			1200 (Minimum)	1519 (Nominal)	2000 (Maximum)			640.0 (Minimum)	801.5 (Nominal)	1100 (Maximum)				
Phase	Near Tube 3 Air Point Measure			CPS	Value	Phase	Near Tube 3 Rod Point Measure			CPS	Value	Phase	Near Tube 3 Water Point Measure			CPS	Value
Master				1487	Master				1532	Master				805.5			
	1100 (Minimum)	1462 (Nominal)	2000 (Maximum)			1200 (Minimum)	1519 (Nominal)	2000 (Maximum)			640.0 (Minimum)	801.5 (Nominal)	1100 (Maximum)				

8.25-in. Stabilized Azimuthal Density Neutron Calibration

Neutron: Water Block Check			
Phase	Far Neutron water porosity PU		Value
Master			81.95
	60.00 (Minimum)	100.0 (Nominal)	120.0 (Maximum)

### 8.25-in. Array Resistivity Compensated / Equipment Identification

Primary Equipment:











Tool Name and Serial Number











ARC8 – AA

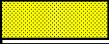
8316

ARC825 Calibration Status

Valid

Master: 17-Jul-2008 15:03											
8.25-in. Array Resistivity Compensated Calibration											
Resistivity: Air											
Phase	Phase-Shift T1		Value	Phase	Phase-Shift T2		Value	Phase	Phase-Shift T3		Value
Master			-1.295	Master			1.364	Master			-1.375
	-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)		-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)		-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)
Phase	Phase-Shift T4		Value	Phase	Phase-Shift T5		Value	Phase	Phase-Shift T1 at 400KHz		Value
Master			1.321	Master			-1.400	Master			1.663
	-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)		-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)		-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)
Phase	Phase-Shift T2 at 400KHz		Value	Phase	Phase-Shift T3 at 400KHz		Value	Phase	Phase-Shift T4 at 400KHz		Value
Master			-1.688	Master			1.672	Master			-1.701
	-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)		-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)		-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)
Phase	Phase-Shift T5 at 400KHz		Value								
Master			1.648								
	-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)								

Master: 17-Jul-2008 15:03											
8.25-in. Array Resistivity Compensated Calibration											
Resistivity: Air											
Phase	Attenuation T1		Value	Phase	Attenuation T2		Value	Phase	Attenuation T3		Value
Master			8.267	Master			6.374	Master			4.991
	6.500 (Minimum)	8.500 (Nominal)	10.50 (Maximum)		4.500 (Minimum)	6.500 (Nominal)	8.500 (Maximum)		2.500 (Minimum)	4.500 (Nominal)	6.500 (Maximum)
Phase	Attenuation T4		Value	Phase	Attenuation T5		Value	Phase	Attenuation T1 at 400KHz		Value
Master			4.337	Master			3.582	Master			8.197
	2.600 (Minimum)	4.600 (Nominal)	6.600 (Maximum)		1.600 (Minimum)	3.600 (Nominal)	5.600 (Maximum)		6.500 (Minimum)	8.500 (Nominal)	10.50 (Maximum)
Phase	Attenuation T2 at 400KHz		Value	Phase	Attenuation T3 at 400KHz		Value	Phase	Attenuation T4 at 400KHz		Value
Master			6.450	Master			4.915	Master			4.410
	4.500 (Minimum)	6.500 (Nominal)	8.500 (Maximum)		2.500 (Minimum)	4.500 (Nominal)	6.500 (Maximum)		2.600 (Minimum)	4.600 (Nominal)	6.600 (Maximum)
Phase	Attenuation T5 at 400KHz		Value								
Master			3.513								
	1.600 (Minimum)	3.600 (Nominal)	5.600 (Maximum)								

Master: 17-Jul-2008 20:12											
8.25-in. Array Resistivity Compensated Calibration											
Gamma Ray: Blanket											
Phase	Gamma ray factor (equals Calibration Gain multiplied by API Gain Factor) CPS							Value			
Master								7.763			
	4.960 (Minimum)							7.763			
	7.200 (Nominal)										
	9.650 (Maximum)										

# SCHLUMBERGER

Survey report 31-Jul-2008 05:53:28 Page 1 of 4

Client.....: Santos Ltd  
Field.....: Otway

Well.....: Netherby-1 Spud date.....: 15-Jul-08  
API number.....: Last survey date.....: 31-Jul-08  
Engineer.....: J. Oldridge / Z. Rudd Total accepted surveys...: 63  
MD of first survey.....: 0.00 m  
RIG.....: Ocean Patriot MD of last survey.....: 1875.00 m  
STATE.....: Victoria

----- Survey calculation methods -----		----- Geomagnetic data -----	
Method for positions.....: Minimum curvature		Magnetic model.....: BGM version 2007	
Method for DLS.....: Mason & Taylor		Magnetic date.....: 20-Jul-2008	
		Magnetic field strength...: 1215.19 HCNT	
----- Depth reference -----		Magnetic dec (+E/W-).....: 10.78 degrees	
Permanent datum.....: Mean Sea Level		Magnetic dip.....: -69.86 degrees	
Depth reference.....: Driller's Depth			
GL above permanent.....: -66.10 m		----- MWD survey Reference Criteria -----	
KB above permanent.....: Top Drive		Reference G.....: 1000.07 mGal	
DF above permanent.....: 20.80 m		Reference H.....: 1215.19 HCNT	
		Reference Dip.....: -69.86 degrees	
----- Vertical section origin -----		Tolerance of G.....: (+/-) 2.50 mGal	
Latitude (+N/S-).....: 0.00 m		Tolerance of H.....: (+/-) 6.00 HCNT	
Departure (+E/W-).....: 0.00 m		Tolerance of Dip.....: (+/-) 0.45 degrees	
----- Platform reference point -----		----- Corrections -----	
Latitude (+N/S-).....: -----		Magnetic dec (+E/W-).....: 10.78 degrees	
Departure (+E/W-).....: -----		Grid convergence (+E/W-).....: -1.03 degrees	
		Total az corr (+E/W-).....: 11.81 degrees	
Azimuth from Vsect Origin to target: 0.00 degrees		(Total az corr = magnetic dec - grid conv)	
Survey Correction Type ....:			
I=Sag Corrected Inclination			
M=Schlumberger Magnetic Correction			
S=Shell Magnetic Correction			
F=Failed Axis Correction			
R=Magnetic Resonance Tool Correction			
D=Dmag Magnetic Correction			

Seq #	Measured depth (m)	Incl angle (deg)	Azimuth angle (deg)	Course length (m)	TVD depth (m)	Vertical section (m)	Displ +N/S- (m)	Displ +E/W- (m)	Total displ (m)	At Azim (deg)	DLS (deg/100f)	Srvy tool type	Tool Corr
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIP	None
2	87.00	0.00	0.00	87.00	87.00	0.00	0.00	0.00	0.00	0.00	0.00	SB	None
3	110.29	0.34	228.85	23.29	110.29	-0.05	-0.05	-0.05	0.07	228.85	0.44	EMS	None
4	139.31	0.48	70.38	29.02	139.31	-0.06	-0.06	-0.00	0.06	182.21	0.85	EMS	None
5	168.50	0.56	302.02	29.19	168.50	0.06	0.06	-0.01	0.06	351.63	0.98	EMS	None
6	196.58	0.62	250.43	28.08	196.58	0.08	0.08	-0.27	0.28	286.10	0.56	EMS	None
7	224.66	0.70	303.64	28.08	224.66	0.12	0.12	-0.55	0.57	282.37	0.65	EMS	None
8	252.74	0.64	294.72	28.08	252.73	0.28	0.28	-0.84	0.88	288.58	0.13	EMS	None
9	280.80	0.72	298.73	28.06	280.79	0.43	0.43	-1.14	1.22	290.84	0.10	EMS	None

10	309.51	0.65	287.15	28.47	309.50	0.57	0.57	-1.45	1.56	291.36	0.16	EMS	None
11	337.98	0.69	292.15	28.47	337.97	0.68	0.68	-1.76	1.89	291.08	0.08	EMS	None
12	366.89	0.70	359.25	28.91	366.88	0.92	0.92	-1.93	2.14	295.57	0.81	EMS	None
13	395.80	0.92	12.26	28.91	395.78	1.32	1.32	-1.88	2.30	305.19	0.30	EMS	None
14	424.75	0.87	19.30	28.95	424.73	1.76	1.76	-1.76	2.49	315.04	0.13	EMS	None
15	453.68	0.56	88.31	28.93	453.66	1.97	1.97	-1.54	2.50	321.94	0.89	EMS	None
16	482.49	0.59	96.35	28.81	482.47	1.96	1.96	-1.26	2.33	327.35	0.09	EMS	None
17	511.36	0.65	96.56	28.87	511.34	1.92	1.92	-0.94	2.14	333.84	0.06	EMS	None
18	540.27	0.70	100.87	28.91	540.24	1.87	1.87	-0.61	1.97	341.99	0.08	EMS	None
19	569.05	0.71	112.99	28.78	569.02	1.77	1.77	-0.27	1.79	351.27	0.16	EMS	None
20	597.90	0.69	128.34	28.85	597.87	1.59	1.59	0.03	1.59	1.05	0.20	EMS	None
21	617.15	0.84	123.17	19.25	617.12	1.44	1.44	0.24	1.46	9.38	0.26	EMS	None
22	634.46	0.94	124.68	17.31	634.42	1.29	1.29	0.46	1.37	19.65	0.18	EMS	None
23	660.03	0.52	130.06	25.57	659.99	1.10	1.10	0.72	1.31	33.35	0.51	MWD	None
24	745.26	2.31	160.81	85.23	745.19	-0.77	-0.77	1.58	1.76	116.04	0.67	MWD	None
25	773.50	4.27	158.54	28.24	773.39	-2.29	-2.29	2.15	3.14	136.73	2.12	MWD	None
26	801.23	5.89	157.85	27.73	801.01	-4.57	-4.57	3.07	5.50	146.11	1.78	MWD	None
27	831.43	7.57	152.25	30.20	831.00	-7.76	-7.76	4.58	9.01	149.47	1.82	MWD	None
28	859.94	9.31	137.33	28.51	859.20	-11.12	-11.12	7.02	13.15	147.75	2.98	MWD	None
29	889.70	11.19	126.87	29.76	888.49	-14.63	-14.63	10.96	18.28	143.15	2.70	MWD	None
30	919.19	12.15	123.94	29.49	917.37	-18.08	-18.08	15.82	24.02	138.80	1.17	MWD	None

Seq	Measured	Incl	Azimuth	Course	TVD	Vertical	Displ	Displ	Total	At	DLS	Srvy	Tool
#	depth	angle	angle	length	depth	section	+N/S-	+E/W-	displ	Azim	(deg/	tool	Corr
-	(m)	(deg)	(deg)	(m)	(m)	(m)	(m)	(m)	(deg)	100f)	type	(deg)	
31	948.90	12.93	122.08	29.71	946.37	-21.59	-21.59	21.23	30.28	135.47	0.90	MWD	None
32	979.41	13.44	120.85	30.51	976.07	-25.22	-25.22	27.17	37.07	132.86	0.58	MWD	None
33	1007.51	14.16	120.45	28.10	1003.36	-28.63	-28.63	32.94	43.64	131.00	0.79	MWD	None
34	1036.14	14.55	118.54	28.63	1031.10	-32.13	-32.13	39.12	50.62	129.40	0.65	MWD	None
35	1065.20	14.60	118.24	29.06	1059.22	-35.60	-35.60	45.55	57.81	128.01	0.09	MWD	None
36	1096.08	14.09	118.27	30.88	1089.14	-39.23	-39.23	52.29	65.37	126.88	0.50	MWD	None
37	1124.66	14.01	116.68	28.58	1116.87	-42.43	-42.43	58.44	72.22	125.98	0.42	MWD	None
38	1153.50	15.82	116.95	28.84	1144.73	-45.78	-45.78	65.07	79.56	125.13	1.91	MWD	None
39	1182.04	19.92	117.65	28.54	1171.89	-49.80	-49.80	72.84	88.24	124.36	4.38	MWD	None
40	1210.10	23.56	117.60	28.06	1197.95	-54.62	-54.62	82.05	98.57	123.65	3.95	MWD	None
41	1239.36	25.76	114.79	29.26	1224.54	-59.99	-59.99	93.01	110.68	122.82	2.60	MWD	None
42	1267.39	29.36	115.62	28.03	1249.39	-65.52	-65.52	104.74	123.54	122.03	3.94	MWD	None
43	1294.27	33.74	116.12	26.88	1272.29	-71.66	-71.66	117.39	137.53	121.40	4.98	MWD	None
44	1322.42	33.97	116.49	28.15	1295.67	-78.61	-78.61	131.45	153.16	120.88	0.33	MWD	None
45	1350.13	34.69	115.42	27.71	1318.55	-85.44	-85.44	145.50	168.73	120.42	1.03	MWD	None
46	1379.95	34.59	115.60	29.82	1343.08	-92.74	-92.74	160.80	185.63	119.98	0.15	MWD	None
47	1408.27	35.05	116.50	28.32	1366.33	-99.85	-99.85	175.32	201.76	119.66	0.74	MWD	None
48	1436.16	34.88	116.15	27.89	1389.19	-106.93	-106.93	189.65	217.72	119.42	0.29	MWD	None
49	1465.63	35.16	116.10	29.47	1413.32	-114.38	-114.38	204.83	234.60	119.18	0.29	MWD	None
50	1494.27	35.09	116.37	28.64	1436.75	-121.67	-121.67	219.61	251.06	118.99	0.18	MWD	None
51	1523.47	35.39	116.22	29.20	1460.60	-129.13	-129.13	234.72	267.89	118.82	0.33	MWD	None
52	1552.94	35.14	115.95	29.47	1484.66	-136.61	-136.61	250.00	284.89	118.65	0.30	MWD	None
53	1581.55	35.10	115.95	28.61	1508.06	-143.81	-143.81	264.80	301.33	118.51	0.04	MWD	None
54	1610.85	35.09	116.84	29.30	1532.03	-151.30	-151.30	279.89	318.17	118.39	0.53	MWD	None
55	1639.13	35.01	117.96	28.28	1555.18	-158.78	-158.78	294.31	334.40	118.35	0.70	MWD	None
56	1668.08	34.91	118.18	28.95	1578.91	-166.58	-166.58	308.94	350.99	118.33	0.17	MWD	None
57	1695.83	34.89	119.39	27.75	1601.67	-174.23	-174.23	322.86	366.87	118.35	0.76	MWD	None
58	1725.28	34.90	120.32	29.45	1625.82	-182.61	-182.61	337.47	383.71	118.42	0.55	MWD	None
59	1753.73	34.99	120.90	28.45	1649.15	-190.91	-190.91	351.49	399.99	118.51	0.37	MWD	None
60	1781.62	35.06	120.66	27.89	1671.98	-199.10	-199.10	365.25	415.99	118.60	0.17	MWD	None

Seq	Measured	Incl	Azimuth	Course	TVD	Vertical	Displ	Displ	Total	At	DLS	Srvy	Tool
#	depth	angle	angle	length	depth	section	+N/S-	+E/W-	displ	Azim	(deg/	tool	Corr
-	(m)	(deg)	(deg)	(m)	(m)	(m)	(m)	(m)	(deg)	100f)	type	(deg)	
61	1811.05	35.22	120.21	29.43	1696.05	-207.68	-207.68	379.85	432.92	118.67	0.32	MWD	None
62	1838.59	35.18	119.41	27.54	1718.56	-215.57	-215.57	393.63	448.79	118.71	0.51	MWD	None
63	1875.00	35.38	119.23	36.41	1748.28	-225.87	-225.87	411.96	469.82	118.74	0.06	Projection to TD	

Company:	Santos Ltd	Schlumberger
Well:	Netherby-1	
Field:	Otway	
Rig:	Ocean Patriot	12.25 in. Section
State:	Victoria	
VISION Service 1:200 True Vertical Depth Recorded Mode Log		