



Potassium	%	n.a									
<b>Environmental data</b>											
<b>GR</b>											
Mud weight	ppg	11.30									
Bit size	in	8.50									
<b>Resistivity</b>											
<b>Neutron porosity</b>											
Hole Size	in	8.50									
Mud weight	ppg	11.30									
Temperature	°C	108.00									
Mud salinity	ppk	54.352									
Formation salinity		n.a									
Recording rate 1	SEC	5									
Recording rate 2	SEC	n.a									
Filtering GR		3 pts.									
Filtering density		3 pts.									
Filtering Neutron		3 pts.									
Company representative		D. Daniels	R. Spence	Mark C							
Anadrill personnel		Mewan A	M. Sihite	J. Ikeda	C. Soper	M. How					

<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 RUN5</b> Directional Drilling Directional Surveys Annular Pressure & Temperature Shock & Vibrations	<b>OTHER SERVICES FOR RUN</b>	<b>OTHER SERVICES FOR RUN</b>
<b>REMARKS: RUN NUMBER 5</b> Depth is referenced to Driller's Depth.  Gamma ray is corrected for mud weight, tool size and bit size.  Neutron porosity is corrected for the effects of borehole size (bit size), temperature, mud salinity, and mud hydrogen index (a factor of mud weight, mud temperature and pressure).  Neutron porosity is calculated using a limestone matrix density of 2.71 g/cm3.  POOH due to reaching coring TD of SNA A21A.	<b>REMARKS: RUN NUMBER</b>	<b>REMARKS: RUN NUMBER</b>

EQUIPMENT DESCRIPTION		
RUN 5	RUN	RUN

DOWNHOLE EQUIPMENT

6-3/4" adnVISION\*  
DHS: 8.3A02  
Blade OD: 8-1/4"  
S/N: 40778

- Neutron F — 20.22
- Neutron N — 20.05
- Density S — 19.10
- Density L — 19.01
- UltraSonic — 18.63
- R-O Port — 17.86

6-3/4" PowerPulse\*  
MDC: FA28  
MEC: 1533  
MDI: 1820  
MGR: 322

- D&I — 11.60
- GR — 10.96
- APWD — 8.35

8-3/8" Roller Reamer  
S/N: GU2317R

6-3/4" NM Pony  
S/N: SBD4464

8-3/8" Roller Reamer  
S/N: GU2945

8-1/2" Reed Hycalog PDC Bit  
S/N: 218088

Maximum string diameter 8.50 in.  
All lengths in Meters

Variable Name	Variable Description	Run Name & Value	
	Run Number	5	
	General Information		
BHT_RM	Bottom Hole Temperature (RM)	DEGC	108.000
BSAL_RM	Mud Salinity (RM)	PPK	54.352
BS_RM	Bit Size (RM)	IN	8.500
COEF_M	User Defined FEXP in Clean Sand	----	1.650
C_WS	Overpressure correction to Sw and M	----	1.000
FEXP	Formation Factor Exponent (RM)	----	2.000
FNUM	Formation Factor Enumerator (RM)	----	1.000
FPHI_RM	Formation Factor Porosity Source (RM)	----	XPLOT
MST_RM	Mud Sample temperature (RM)	DEGC	23.889
MW_RM	Mud Weight (RM)	LB/G	11.300
OBMF_RM	Oil Based Mud (RM)	----	YES
RHOF_RM	Mud Filtrate Density (RM)	G/C3	1.000
RHOM_RM	Matrix density (RM)	G/C3	2.710
RMS_RM	Resistivity of Mud Sample (RM)	OHMM	1000.00
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
SHT_RM	Ground Level Temperature (Mud-Line When Offshore ) (RM)	DEGC	10.000
TD_RM	Total Measured Depth (RM)	M	2931.0
TWS_RM	Temperature of Connate Water (RM)	DEGC	23.889
VF_ILLI	Fraction of illite in shales	----	0.500
VF_KAOL	Fraction of kaolinite in shales	----	0.500
VF_MONT	Fraction of montmorillonite in shales	----	0.000
XPDM_RM	Cross plot density porosity multiplier	----	0.675
XPNM_RM	Cross plot neutron porosity multiplier	----	0.325
RSD	LWD run start date dd-mmm-yy		28-02-08
RWA_COMP_MOD	Rwa computation model	----	BASIC
RWA_DEN_ADN	Rwa Density Input	----	RHOB
RWA_DEN_CD	Rwa Density Input	----	RHOB
RWA_DEN_INPUT	Rwa Density Input	----	RHOB
RWA_FORM_MOD	Rwa computation formation model	----	CLASTIC
RWA_RES_INPUT	Rwa computation resistivity input	----	RT
	ADN		
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	----	IBS
ALPHA_COMPUTE_D	Perform Density Enhanced Vertical Resolution process ?	----	YES
ALPHA_COMPUTE_N	Perform Neutron Enhanced Vertical Resolution process ?	----	YES
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	0.690
DTIK_SEL	ADN: Density Tick Channel Name	----	LSAZ
DTMUD	Delta-T for Mud	US/F	211.110
DYN_IMG_COMPUTE	Generate Dynamic Normalized Image?	----	YES
ECC_CORR_ADN	Perform Eccentering Correction for TNPH?	----	YES
ENVCOR	Neutron Processing: Environmental Correction?	----	NO
EVRL	EVR Process averaging number of samples (RM)	----	49
FCD	Future Casing (Outer) Diameter	IN	7.000
GCSE	Generalized Caliper Selection	----	BS
HPS	ADSE-EB (High Pressure Inconel Chassis)?	----	NO
IBS	Intergal Blade Stabilizer Collar?	----	YES
IDQT	Image Derived Quality Threshold	----	2.000
IHVS	Integrated Hole Volume Start Value (RM)	M3	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	G/C3	2.050
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_RM	ADN Neutron Near Banks Used	----	1-2
NTIK_SEL	ADN: Neutron Tick Channel Name	----	FR11
SOCNL	Standoff Distance of the CNL Tool	----	1.000
SSIZ ADN	ADN Stabilizer Size	IN	8.346
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	----	8.300
WSDI	Window Size of Dynamic Normalization Image	M	15.240
Schlumberger Drilling & Measurements			
ID13 Parameter Insert Header Software version 3.0c			

IDEAL Version: ID13\_0C\_06

IDF

MWD\_10      id13\_0c\_02      ADN      id13\_0c\_02

Format: VISION Density Neutron Log      Vertical Scale: 1:500      Graphics File Created: 05-Mar-2008 21:36

Rate of Penetration, Averaged over Last  
5ft (ROP5\_RM)  
200 (M/HR) 0

GR(TM) (GRM1)  
0 (GAPI) 200

Vertical Hole Diameter (VERD)  
6 (IN) 16

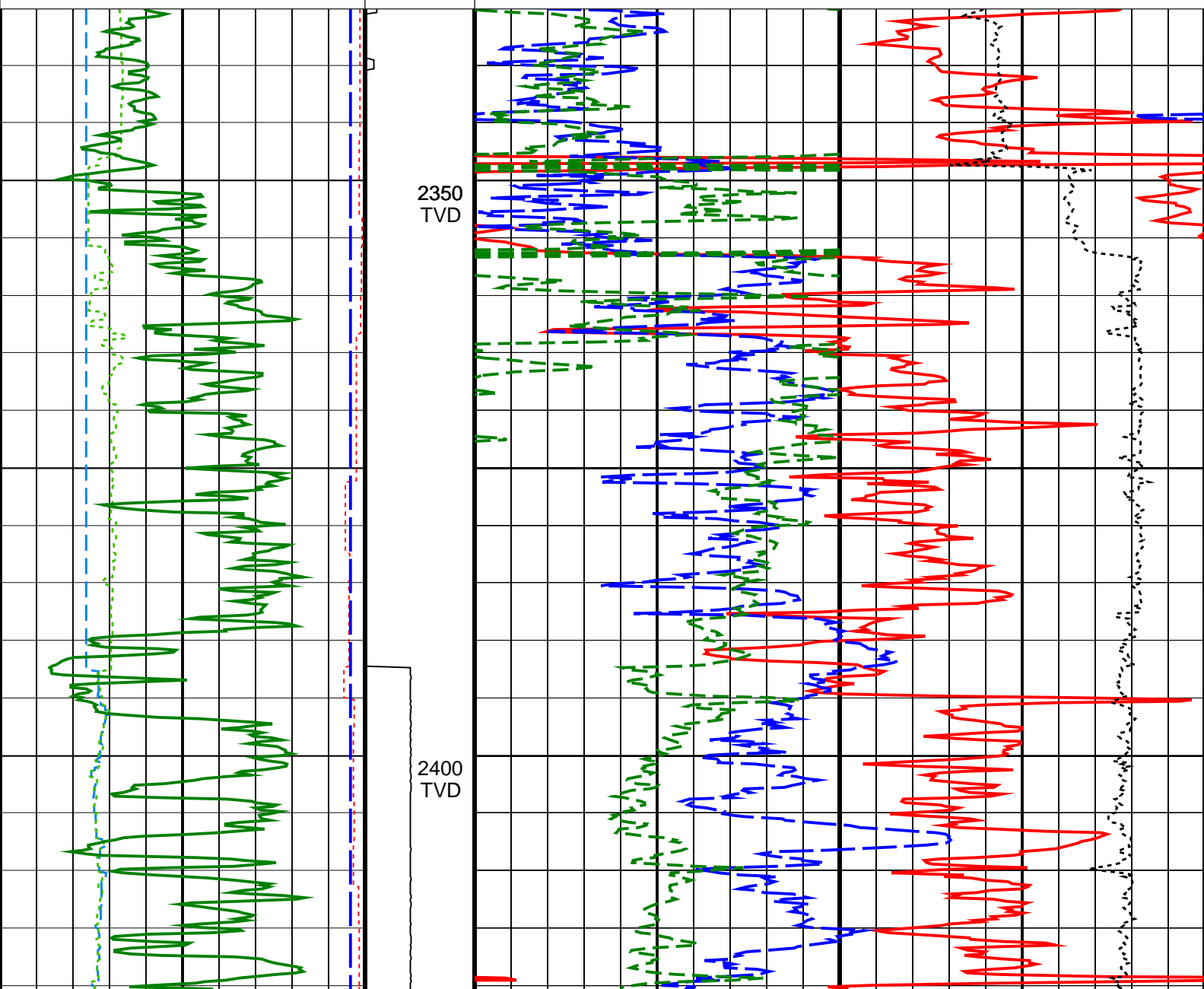
Horizontal Hole Diameter (HORD)  
6 (IN) 16

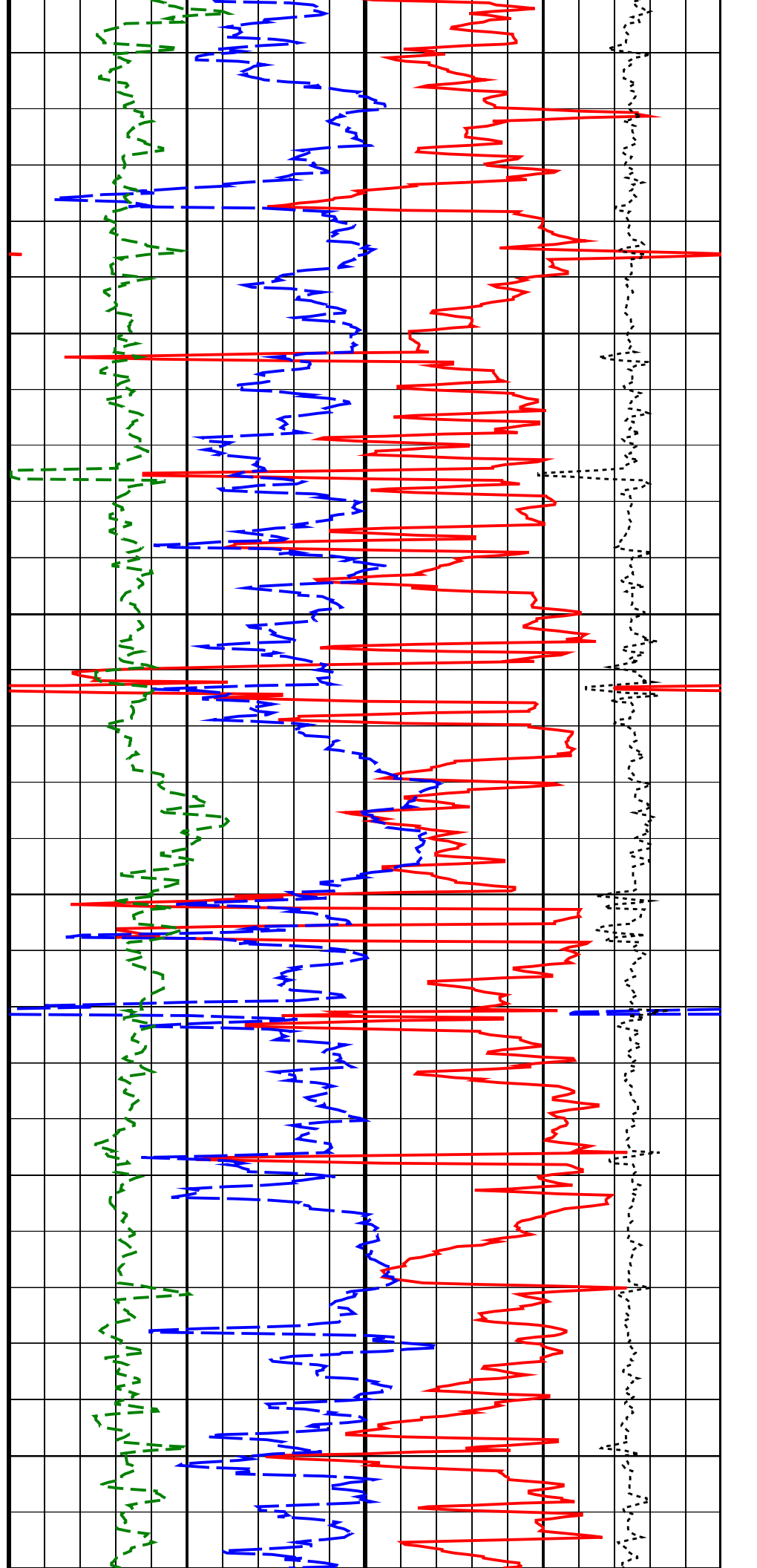
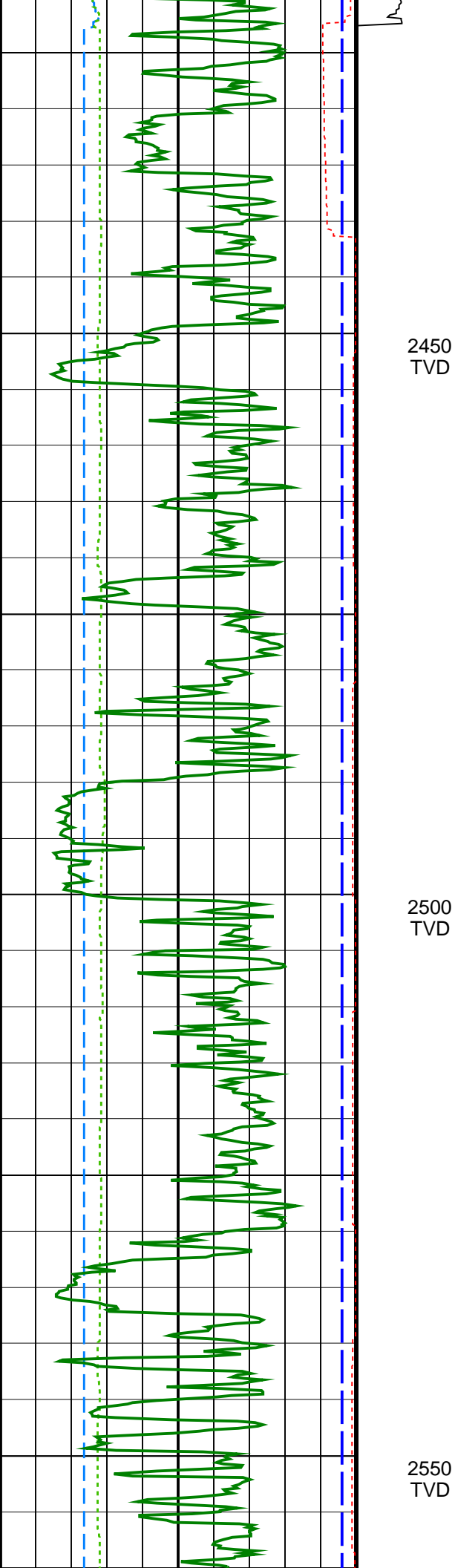
Photoelectric Factor (PEF)      Bulk Density Correction (DRHO)  
0 (----) 10      -0.75 (G/C3) 0.25

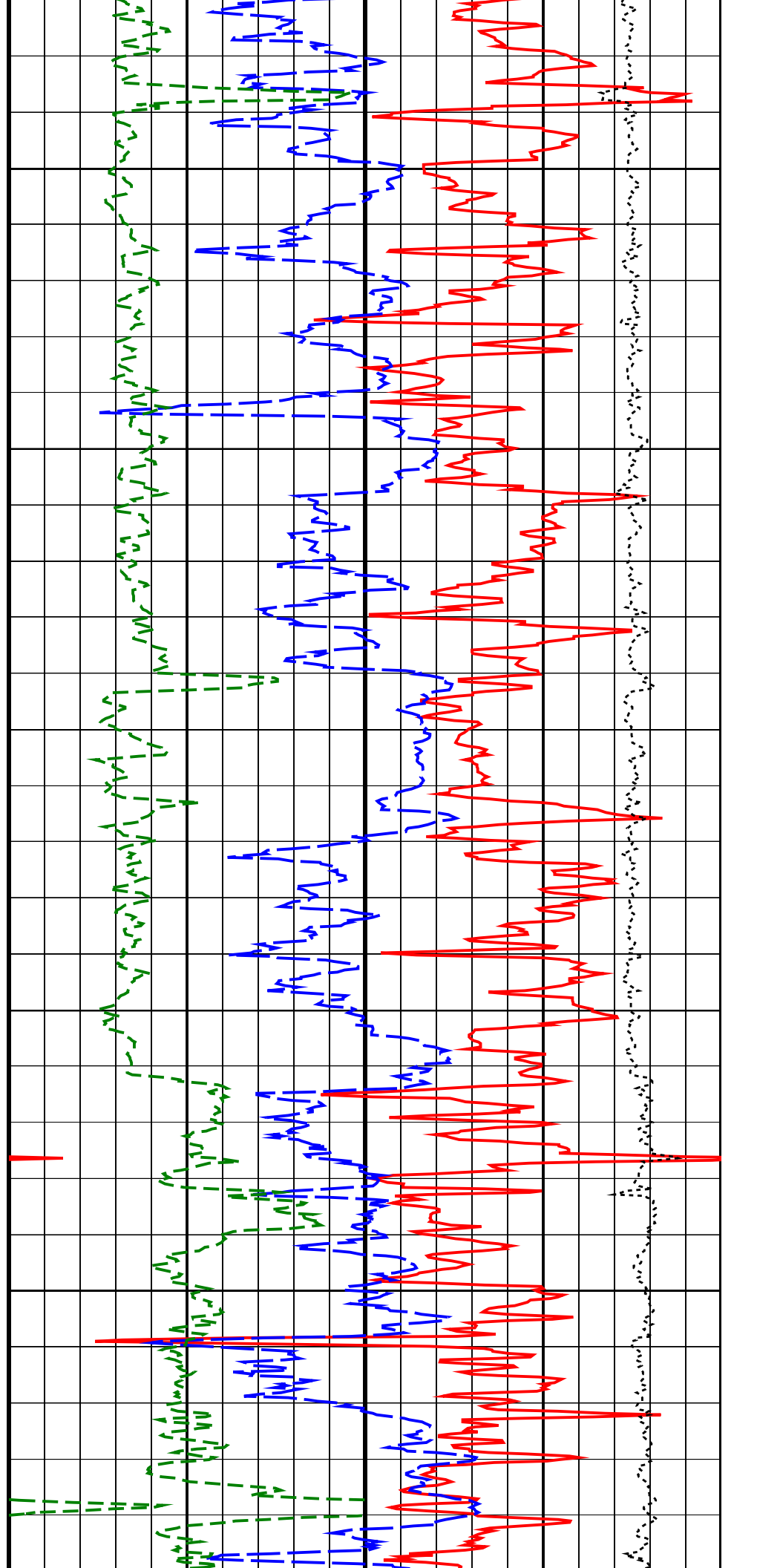
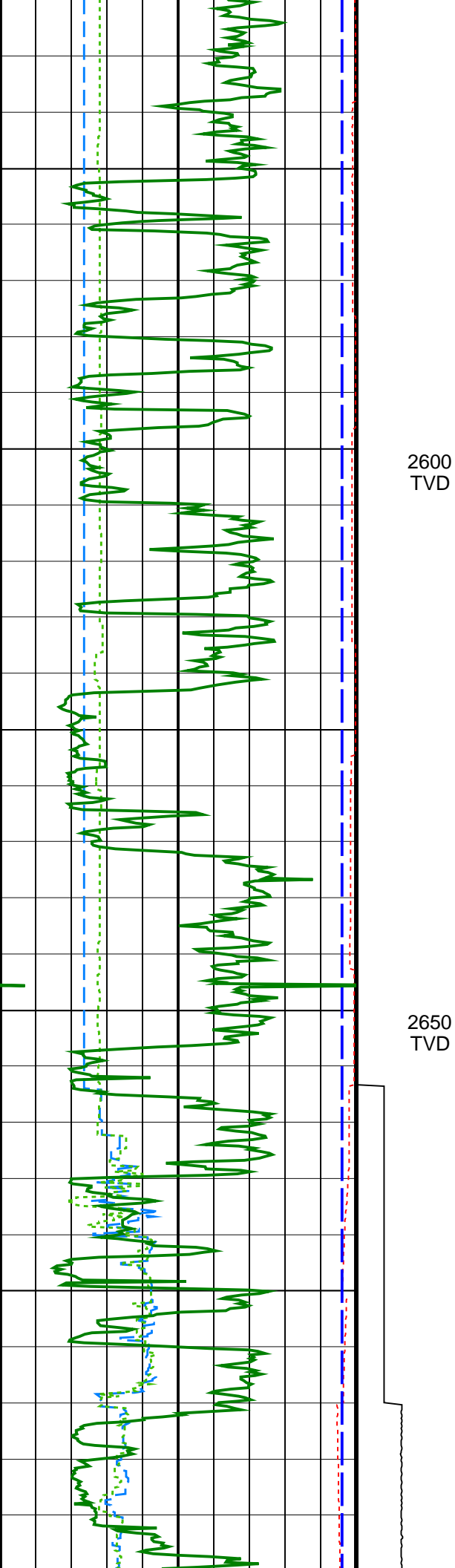
Thermal Neutron Porosity (TNPH)  
45 (PU) -15

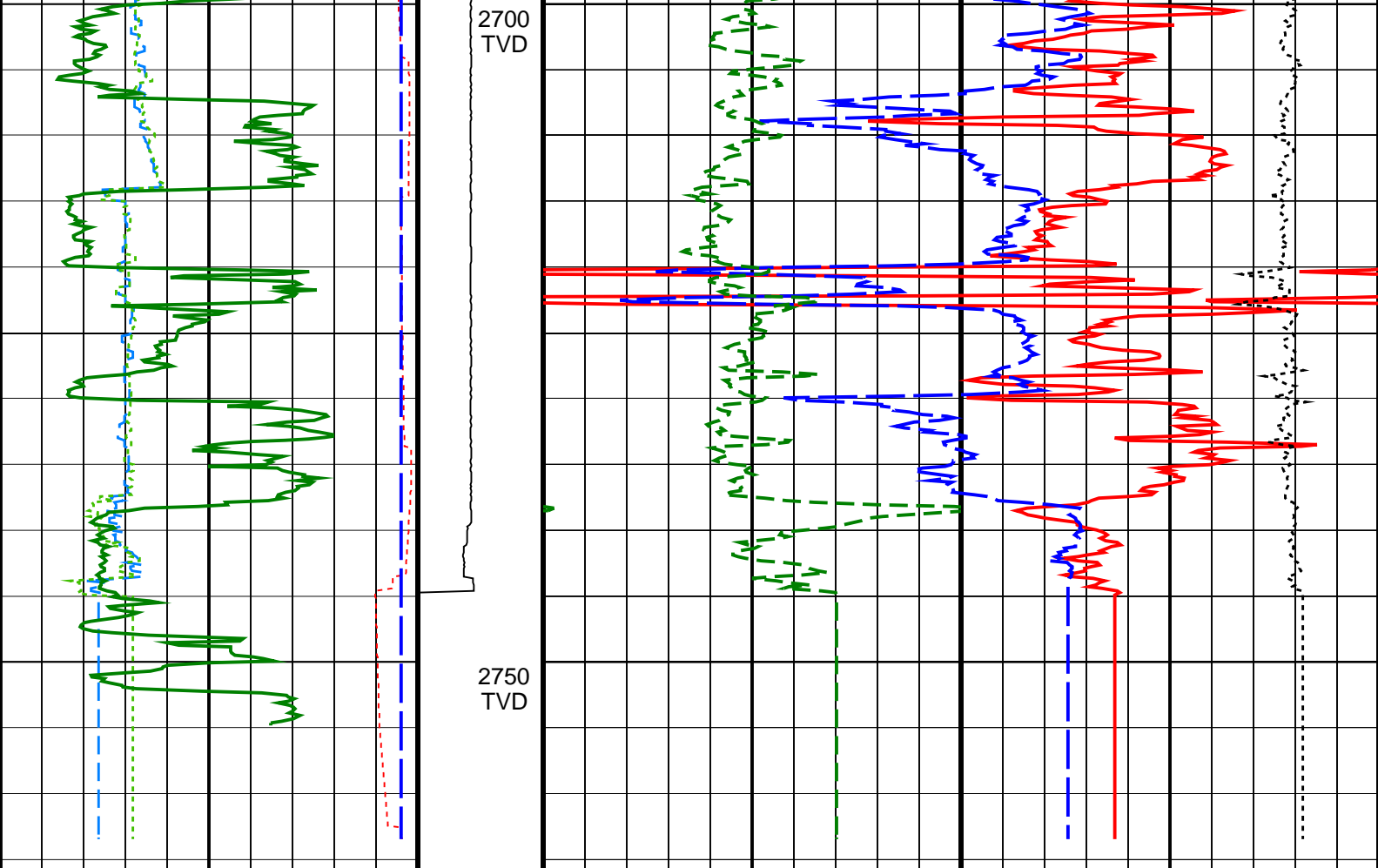
Density Time After Bit (TAB\_DEN)  
0 (HR) 10  
ADN Rotational Speed (RPM\_ADN) (RPM)  
0 200

Bulk Density (RHOB)  
1.85 (G/C3) 2.85









<b>Density Time After Bit (TAB_DEN)</b> (HR)	<b>ADN Rotational Speed (RPM_ADN)</b> (RPM)	<b>Bulk Density (RHOB)</b> (G/C3)
0	10	1.85
10	200	2.85
<b>Horizontal Hole Diameter (HORD)</b> (IN)		<b>Thermal Neutron Porosity (TNPH)</b> (PU)
6		45
16		-15
<b>Vertical Hole Diameter (VERD)</b> (IN)		<b>Photoelectric Factor (PEF)</b> (----
6		0
16		10
<b>GR(TM) (GRM1)</b> (GAPI)		<b>Bulk Density Correction (DRHO)</b> (G/C3)
0		-0.75
200		0.25
<b>Rate of Penetration, Averaged over Last 5ft (ROP5_RM)</b> (M/HR)		
200		
0		

IDEAL Version: ID13\_0C\_06  
IDF

MWD\_10      id13\_0c\_02      ADN      id13\_0c\_02

6.75-in. 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  
Density Logging Source  
Stabilizer Size  
Calibration Status

ADN6 - CA      373  
ADDC - AA      40778  
ADSE - EA  
IBS  
NSR - M      202  
GSR - JZ      1994  
8.35 - in.  
Valid



Density: Magnesium Block								
Phase	LS window 3 – Mg CPS			Value	Phase	SS window 1 – Mg CPS		
Master				1039	Master			
	250.0 (Minimum)	4125 (Nominal)	8000 (Maximum)			700.0 (Minimum)	9350 (Nominal)	18000 (Maximum)

Phase	SS window 3 – Mg CPS			Value
Master				6394
	2500 (Minimum)	23750 (Nominal)	45000 (Maximum)	

Master: 15–Jan–2008 23:42								
6.75–in. Azimuthal Density Neutron Calibration								
Density: Aluminum Block								
Phase	LS window 3 – Al CPS			Value	Phase	SS window 1 – Al CPS		
Master				156.2	Master			
	50.00 (Minimum)	725.0 (Nominal)	1400 (Maximum)			500.0 (Minimum)	4250 (Nominal)	8000 (Maximum)

Phase	SS window 3 – Al CPS			Value
Master				4015
	1500 (Minimum)	15750 (Nominal)	30000 (Maximum)	

Master: 15–Jan–2008 23:42								
6.75–in. Azimuthal Density Neutron Calibration								
Density: Background								
Phase	LS window 3 – Background CPS			Value	Phase	SS window 1 – Background CPS		
Master				49.65	Master			
	15.00 (Minimum)	82.50 (Nominal)	150.0 (Maximum)			40.00 (Minimum)	220.0 (Nominal)	400.0 (Maximum)

Phase	SS window 3 – Background CPS			Value
Master				513.5
	150.0 (Minimum)	825.0 (Nominal)	1500 (Maximum)	

Master: 15–Jan–2008 23:42								
6.75–in. Azimuthal Density Neutron Calibration								
Density: Water Block Check								
Phase	Long spacing water density G/C3			Value	Phase	Short spacing water density G/C3		
Master				1.034	Master			
	1.024 (Minimum)	1.039 (Nominal)	1.054 (Maximum)			1.096 (Minimum)	1.126 (Nominal)	1.156 (Maximum)

Phase	Short spacing water density G/C3			Value
Master				1.143
	1.096 (Minimum)	1.126 (Nominal)	1.156 (Maximum)	

Master: 15–Jan–2008 23:42								
6.75–in. Azimuthal Density Neutron Calibration								
Neutron: 3–Point Calibration								
Phase	Far 1 tube 1 Air Point Measure CPS			Value	Phase	Far 1 tube 1 Rod Point Measure CPS		
Master				17.03	Master			
	13.30 (Minimum)	19.05 (Nominal)	24.70 (Maximum)			3.400 (Minimum)	4.857 (Nominal)	6.200 (Maximum)
Phase	Far 1 tube 2 Air Point Measure CPS			Value	Phase	Far 1 tube 2 Rod Point Measure CPS		
Master				17.96	Master			
	13.30 (Minimum)	19.05 (Nominal)	24.70 (Maximum)			3.400 (Minimum)	4.857 (Nominal)	6.200 (Maximum)
Phase	Far 1 tube 3 Air Point Measure CPS			Value	Phase	Far 1 tube 3 Rod Point Measure CPS		
Master				16.34	Master			
	13.30 (Minimum)	19.05 (Nominal)	24.70 (Maximum)			3.400 (Minimum)	4.857 (Nominal)	6.200 (Maximum)
Phase	Far 2 tube 1 Air Point Measure CPS			Value	Phase	Far 2 tube 1 Rod Point Measure CPS		
Master				16.32	Master			
	13.30 (Minimum)	19.05 (Nominal)	24.70 (Maximum)			3.400 (Minimum)	4.857 (Nominal)	6.200 (Maximum)
Phase	Far 2 tube 2 Air Point Measure CPS			Value	Phase	Far 2 tube 2 Rod Point Measure CPS		
Master				17.92	Master			
	13.30 (Minimum)	19.05 (Nominal)	24.70 (Maximum)			3.400 (Minimum)	4.857 (Nominal)	6.200 (Maximum)
Phase	Far 2 tube 3 Air Point Measure CPS			Value	Phase	Far 2 tube 3 Rod Point Measure CPS		
Master				17.33	Master			
	13.30 (Minimum)	19.05 (Nominal)	24.70 (Maximum)			3.400 (Minimum)	4.857 (Nominal)	6.200 (Maximum)
Phase	Near 1 tube 1 Air Point Measure CPS			Value	Phase	Near 1 tube 1 Rod Point Measure CPS		
Master				454.5	Master			
	345.0 (Minimum)	487.5 (Nominal)	595.0 (Maximum)			535.0 (Minimum)	768.8 (Nominal)	925.0 (Maximum)
Phase	Near 2 tube 1 Air Point Measure CPS			Value	Phase	Near 2 tube 1 Rod Point Measure CPS		
Master				462.0	Master			
	345.0 (Minimum)	487.5 (Nominal)	595.0 (Maximum)			535.0 (Minimum)	768.8 (Nominal)	925.0 (Maximum)

Phase	Near 1 tube 1 H2O Point Measure CPS			Value
Master				2.103
	1.600 (Minimum)	2.363 (Nominal)	3.100 (Maximum)	
Phase	Far 1 tube 2 H2O Point Measure CPS			Value
Master				2.166
	1.600 (Minimum)	2.363 (Nominal)	3.100 (Maximum)	
Phase	Far 1 tube 3 H2O Point Measure CPS			Value
Master				1.956
	1.600 (Minimum)	2.363 (Nominal)	3.100 (Maximum)	
Phase	Far 2 tube 1 H2O Point Measure CPS			Value
Master				2.075
	1.600 (Minimum)	2.363 (Nominal)	3.100 (Maximum)	
Phase	Far 2 tube 2 H2O Point Measure CPS			Value
Master				2.168
	1.600 (Minimum)	2.363 (Nominal)	3.100 (Maximum)	
Phase	Far 2 tube 3 H2O Point Measure CPS			Value
Master				2.045
	1.600 (Minimum)	2.363 (Nominal)	3.100 (Maximum)	
Phase	Near 1 tube 1 H2O Point Measure CPS			Value
Master				325.4
	230.0 (Minimum)	343.7 (Nominal)	430.0 (Maximum)	
Phase	Near 2 tube 1 H2O Point Measure CPS			Value
Master				326.1
	230.0 (Minimum)	343.7 (Nominal)	430.0 (Maximum)	

(minimum)	(Nominal)	(maximum)	(minimum)	(Nominal)	(maximum)	(minimum)	(Nominal)	(maximum)
Master: 15-Jan-2008 23:42								
6.75-in. Azimuthal Density Neutron Calibration								
Neutron: Water Block Check								
Phase	Far Neutron water porosity PU						Value	
Master							98.07	
	90.00 (Minimum)		100.0 (Nominal)		125.0 (Maximum)			

SCHLUMBERGER

Survey report

18-Mar-2008 05:20:22

Client.....: ESSO Australia Pty Ltd  
Field.....: Snapper

Well.....: SNA A21A  
Service Order no.....: 07ASQ0022  
Engineer.....: MS

COUNTY.....: ISLD 175  
STATE.....: Victoria

Spud date.....: 05-Feb-08  
Last survey date.....: 18-Mar-08  
Total accepted surveys.....: 91  
MD of first survey.....: 625.00 m  
MD of last survey.....: 3346.89 m

----- Survey calculation methods-----  
Method for positions.....: Minimum curvature  
Method for DLS.....: Mason & Taylor

----- Depth reference -----  
Permanent datum.....: Mean Sea Level  
Depth reference.....: Driller's Depth  
GL above permanent.....: -55.00 m  
KB above permanent.....: Top Drive  
DF above permanent.....: 41.70 m

----- Vertical section origin-----  
Latitude (+N/S-).....: -3.69 m  
Departure (+E/W-).....: 4.78 m

----- Platform reference point-----  
Latitude (+N/S-).....:  
Departure (+E/W-).....:

Azimuth from Vsect Origin to target: 312.96 degrees

----- Geomagnetic data -----  
Magnetic model.....: BGGM version 2007  
Magnetic date.....: 25-Feb-2008  
Magnetic field strength...: 1197.81 HCNT  
Magnetic dec (+E/W-).....: 13.01 degrees  
Magnetic dip.....: -68.71 degrees

----- MWD survey Reference Criteria -----  
Reference G.....: 1000.02 mGal  
Reference H.....: 1197.81 HCNT  
Reference Dip.....: -68.71 degrees  
Tolerance of G.....: (+/-) 2.50 mGal  
Tolerance of H.....: (+/-) 6.00 HCNT  
Tolerance of Dip.....: (+/-) 0.45 degrees

----- Corrections -----  
Magnetic dec (+E/W-).....: 13.01 degrees  
Grid convergence (+E/W-)...: -0.63 degrees  
Total az corr (+E/W-).....: 13.64 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

[(c)2008 IDEAL ID13\_OC\_06]  
SCHLUMBERGER Survey Report

18-Mar-2008 05:20:22

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 (deg)
1	625.00	1.38	351.20	0.00	623.39	27.34	32.16	0.80	32.17	1.42	0.00	TIP	None
2	652.41	5.45	320.65	27.41	650.75	28.89	33.49	-0.08	33.49	359.87	4.80	MWD	None
3	705.85	12.48	317.04	53.44	703.50	37.18	39.69	-5.63	40.09	351.93	4.02	MWD	None
4	725.21	13.02	315.52	19.36	722.38	41.44	42.78	-8.58	43.63	348.66	1.00	MWD	None
5	754.52	14.44	311.84	29.31	750.86	48.40	47.57	-13.62	49.48	344.03	1.73	MWD	None
6	784.09	16.51	312.18	29.57	779.35	56.28	52.85	-19.48	56.33	339.77	2.14	MWD	None
7	813.12	18.78	313.53	29.03	807.02	65.08	58.84	-25.92	64.30	336.22	2.42	MWD	None
8	842.44	21.59	313.20	29.32	834.53	75.20	65.78	-33.28	73.72	333.17	2.92	MWD	None
9	871.68	24.22	311.73	29.24	861.46	86.58	73.46	-41.68	84.46	330.43	2.81	MWD	None
10	900.94	26.82	310.10	29.26	887.87	99.17	81.71	-51.21	96.43	327.92	2.81	MWD	None
11	930.15	29.84	307.85	29.21	913.58	113.00	90.42	-61.99	109.63	325.56	3.34	MWD	None
12	959.50	32.87	307.23	29.35	938.64	128.20	99.72	-74.10	124.23	323.38	3.16	MWD	None
13	989.11	33.88	307.39	29.61	963.36	144.41	109.59	-87.06	139.96	321.54	1.04	MWD	None
14	1018.15	34.17	307.26	29.04	987.43	160.58	119.44	-99.98	155.76	320.07	0.31	MWD	None
15	1047.09	34.15	308.61	28.94	1011.38	176.76	129.43	-112.79	171.68	318.93	0.80	MWD	None
16	1078.04	34.14	309.60	30.95	1037.00	194.10	140.39	-126.27	188.82	318.03	0.55	MWD	None
17	1107.99	33.85	312.28	29.95	1061.83	210.83	151.36	-138.92	205.45	317.45	1.55	MWD	None
18	1137.64	34.20	312.71	29.65	1086.40	227.42	162.57	-151.15	221.98	317.08	0.44	MWD	None
19	1165.35	34.55	312.45	27.71	1109.27	243.06	173.15	-162.67	237.58	316.79	0.42	MWD	None
20	1195.05	34.67	311.75	29.70	1133.72	259.93	184.46	-175.19	254.40	316.48	0.43	MWD	None

	21	1223.98	34.59	311.04	28.93	1157.52	276.36	195.33	-187.52	270.78	316.17	0.43	MWD	None
	22	1253.83	34.61	311.01	29.85	1182.09	293.30	206.46	-200.31	287.66	315.87	0.03	MWD	None
	23	1283.30	35.06	310.70	29.47	1206.28	310.13	217.47	-213.04	304.43	315.59	0.50	MWD	None
	24	1311.04	35.22	310.15	27.74	1228.97	326.08	227.82	-225.20	320.34	315.33	0.39	MWD	None
	25	1339.83	34.49	309.08	28.79	1252.59	342.50	238.31	-237.87	336.71	315.05	1.01	MWD	None
	26	1368.38	34.54	308.77	28.55	1276.11	358.64	248.48	-250.46	352.80	314.77	0.19	MWD	None
	27	1398.22	34.75	309.47	29.84	1300.66	375.56	259.18	-263.62	369.69	314.51	0.46	MWD	None
	28	1427.62	33.94	311.69	29.40	1324.94	392.13	269.97	-276.21	386.23	314.34	1.55	MWD	None
	29	1457.22	33.59	312.30	29.60	1349.55	408.58	280.97	-288.44	402.67	314.25	0.50	MWD	None
	30	1486.18	33.57	312.37	28.96	1373.67	424.60	291.76	-300.28	418.68	314.18	0.05	MWD	None
	31	1515.35	34.00	311.71	29.17	1397.92	440.82	302.62	-312.33	434.89	314.10	0.59	MWD	None
	32	1545.07	34.17	310.50	29.72	1422.53	457.46	313.57	-324.88	451.52	313.99	0.72	MWD	None
	33	1573.99	33.63	309.97	28.92	1446.54	473.58	323.99	-337.19	467.62	313.86	0.65	MWD	None
	34	1602.74	32.45	310.56	28.75	1470.64	489.23	334.12	-349.15	483.27	313.74	1.30	MWD	None
	35	1632.66	31.89	310.51	29.92	1495.96	505.15	344.47	-361.26	499.17	313.64	0.57	MWD	None
	36	1661.99	30.57	310.54	29.33	1521.04	520.34	354.36	-372.82	514.36	313.55	1.37	MWD	None
	37	1691.42	28.92	310.18	29.43	1546.59	534.93	363.81	-383.95	528.94	313.46	1.72	MWD	None
	38	1720.46	27.60	309.76	29.04	1572.17	548.66	372.64	-394.48	542.66	313.37	1.40	MWD	None
	39	1750.04	26.32	309.58	29.58	1598.54	562.05	381.21	-404.80	556.04	313.28	1.32	MWD	None
	40	1779.99	24.23	309.89	29.95	1625.62	574.81	389.38	-414.64	568.81	313.20	2.13	MWD	None
	41	1808.98	22.83	310.45	28.99	1652.20	586.37	396.84	-423.48	580.36	313.14	1.49	MWD	None
	42	1837.32	20.99	310.77	28.34	1678.49	596.94	403.72	-431.51	590.93	313.09	1.98	MWD	None
	43	1867.39	18.74	310.60	30.07	1706.77	607.15	410.39	-439.26	601.14	313.05	2.28	MWD	None
	44	1897.11	16.67	309.64	29.72	1735.08	616.17	416.21	-446.17	610.16	313.01	2.14	MWD	None
	45	1926.28	15.62	309.74	29.17	1763.10	624.27	421.39	-452.41	618.26	312.97	1.10	MWD	None
	46	1955.02	13.10	310.42	28.74	1790.94	631.39	425.98	-457.86	625.38	312.93	2.68	MWD	None
	47	1984.70	10.07	310.16	29.68	1820.01	637.34	429.83	-462.41	631.33	312.91	3.11	MWD	None
	48	2013.75	7.32	312.94	29.05	1848.72	641.73	432.73	-465.70	635.72	312.90	2.92	MWD	None
	49	2044.10	4.92	317.60	30.35	1878.90	644.96	435.01	-468.00	638.95	312.91	2.46	PUP	None
	50	2073.22	3.32	318.41	29.12	1907.94	647.05	436.56	-469.40	641.03	312.92	1.68	PUP	None
	51	2102.90	1.71	322.36	29.68	1937.59	648.34	437.56	-470.24	642.33	312.94	1.66	PUP	None
	52	2131.95	0.17	329.67	29.05	1966.64	648.81	437.94	-470.53	642.80	312.95	1.62	PUP	None
	53	2161.88	0.06	37.16	29.93	1996.57	648.85	437.99	-470.54	642.84	312.95	0.16	PUP	None
	54	2191.09	0.14	285.89	29.21	2025.78	648.89	438.01	-470.57	642.87	312.95	0.18	PUP	None
	55	2220.65	0.11	151.26	29.56	2055.34	648.89	438.00	-470.59	642.88	312.95	0.24	PUP	None
	56	2249.63	0.14	116.42	28.98	2084.32	648.83	437.96	-470.54	642.82	312.95	0.08	PUP	None
	57	2279.10	0.14	131.90	29.47	2113.79	648.76	437.92	-470.48	642.75	312.95	0.04	PUP	None
	58	2308.26	0.14	57.11	29.16	2142.95	648.72	437.91	-470.43	642.70	312.95	0.18	PUP	None
	59	2337.63	0.17	15.68	29.37	2172.32	648.73	437.97	-470.38	642.71	312.96	0.12	PUP	None
	60	2366.99	0.17	15.68	29.37	2201.70	648.73	437.97	-470.38	642.71	312.96	0.12	PUP	None
	61	2396.35	0.17	15.68	29.37	2231.08	648.73	437.97	-470.38	642.71	312.96	0.12	PUP	None
	62	2425.71	0.17	15.68	29.37	2260.46	648.73	437.97	-470.38	642.71	312.96	0.12	PUP	None
	63	2454.71	0.29	12.45	28.97	2289.40	648.74	438.05	-470.32	642.72	312.97	0.28	PUP	None
	64	2483.64	0.18	307.41	28.93	2318.33	648.82	438.15	-470.34	642.81	312.97	0.28	PUP	None
	65	2511.29	0.17	271.05	27.65	2345.98	648.89	438.18	-470.42	642.88	312.97	0.12	PUP	None
	66	2595.54	0.46	294.45	84.25	2430.22	649.31	438.32	-470.85	643.29	312.95	0.11	MWD	None
	67	2624.99	0.32	281.01	29.45	2459.67	649.49	438.39	-471.04	643.47	312.94	0.17	MWD	None
	68	2653.28	0.32	280.34	28.29	2487.96	649.62	438.42	-471.19	643.61	312.94	0.00	MWD	None
	69	2682.92	0.51	290.53	29.64	2517.60	649.81	438.48	-471.40	643.80	312.93	0.21	MWD	None
	70	2711.80	0.60	279.20	28.88	2546.48	650.06	438.55	-471.67	644.04	312.92	0.15	MWD	None
	71	2741.85	0.45	284.11	30.05	2576.53	650.29	438.60	-471.94	644.28	312.90	0.16	MWD	None
	72	2771.28	0.56	279.80	29.43	2605.96	650.51	438.65	-472.19	644.50	312.89	0.12	MWD	None
	73	2800.47	0.63	303.10	29.19	2635.15	650.79	438.77	-472.47	644.78	312.88	0.26	MWD	None
	74	2829.52	0.22	290.40	29.05	2664.20	651.00	438.87	-472.65	644.99	312.88	0.44	MWD	None
	75	2858.73	0.44	352.48	29.21	2693.41	651.14	439.00	-472.72	645.13	312.88	0.41	MWD	None
	76	2887.94	0.59	335.99	29.21	2722.61	651.36	439.25	-472.79	645.35	312.89	0.22	MWD	None
	77	2917.29	1.02	331.24	29.35	2751.96	651.75	439.62	-472.98	645.74	312.91	0.45	MWD	None
	78	2952.39	1.45	332.66	35.10	2787.05	652.46	440.29	-473.34	646.45	312.93	0.37	MWD	None
	79	2982.31	1.40	335.32	29.92	2816.96	653.16	440.96	-473.66	647.15	312.95	0.08	MWD	None
	80	3011.52	1.55	343.71	29.21	2846.16	653.83	441.66	-473.92	647.82	312.98	0.27	MWD	None
	81	3040.02	1.76	339.70	28.50	2874.65	654.55	442.44	-474.18	648.54	313.02	0.26	MWD	None
	82	3069.79	2.05	348.59	29.77	2904.41	655.39	443.39	-474.45	649.38	313.06	0.42	MWD	None
	83	3098.66	1.92	350.74	28.87	2933.26	656.19	444.37	-474.63	650.18	313.11	0.16	MWD	None
	84	3128.14	1.98	351.62	29.48	2962.72	656.98	445.36	-474.78	650.97	313.17	0.07	MWD	None
	85	3157.90	2.02	354.35	29.76	2992.46	657.78	446.40	-474.91	651.77	313.23	0.11	MWD	None
	86	3178.27	2.11	357.54	20.37	3012.82	658.31	447.13	-474.96	652.31	313.27	0.22	MWD	None
	87	3206.34	2.29	357.80	28.07	3040.87	659.08	448.20	-475.00	653.08	313.34	0.20	MWD	None
	88	3266.24	3.14	352.54	59.90	3100.70	661.19	451.03	-475.26	655.21	313.50	0.45	MWD	None
	89	3294.19	3.99	356.45	27.95	3128.60	662.49	452.76	-475.42	656.52	313.60	0.96	MWD	None
	90	3323.56	4.58	359.67	29.37	3157.89	664.03	454.95	-475.49	658.08	313.74	0.66	MWD	None
	91	3346.89	4.58	359.67	23.33	3181.14	665.31	456.81	-475.50	659.38	313.85	0.00	Proj.	to TD
	92	3370.22	4.58	359.67	23.33	3210.52	666.59	458.63	-475.50	660.66	313.96	0.00	Proj.	to TD
	93	3393.55	4.58	359.67	23.33	3239.90	667.87	460.45	-475.50	661.94	314.07	0.00	Proj.	to TD
	94	3416.88	4.58	359.67	23.33	3269.28	669.15	462.27	-475.50	663.22	314.18	0.00	Proj.	to TD
	95	3440.21	4.58	359.67	23.33	3298.66	670.43	464.09	-475.50	664.50	314.29	0.00	Proj.	to TD
	96	3463.54	4.58	359.67	23.33	3328.04	671.71	465.91	-475.50	665.78	314.40	0.00	Proj.	to TD
	97	3486.87	4.58	359.67	23.33	3357.42	672.99	467.73	-475.50	667.06	314.51	0.00	Proj.	to TD
	98	3510.20	4.58	359.67	23.33	3386.80	674.27	469.55	-475.50	668.34	314.62	0.00	Proj.	to TD
	99	3533.53	4.58	359.67	23.33	3416.18	675.55	471.37	-475.50	669.62	314.73	0.00	Proj.	to TD
	100	3556.86	4.58	359.67	23.33	3445.56	676.83	473.19	-475.50	670.90	314.84	0.00	Proj.	to TD
	101	3580.19	4.58	359.67	23.33	3474.94	678.11	475.01	-475.50	672.18	314.95	0.00	Proj.	to TD
	102	3603.52	4.58	359.67	23.33	3504.32	679.39	476.83	-475.50	673.46	315.06	0.00	Proj.	to TD
	103	3626.85	4.58	359.67	23.33	3533.70	680.67	478.65	-475.50	674.74	315.17	0.00	Proj.	to TD
	104	3650.18	4.58	359.67	23.33	3563.08	681.95	480.47	-475.50	676.02	315.28	0.00	Proj.	to TD
	105	3673.51	4.58	359.67	23.33	3592.46	683.23	482.29	-475.50	677.30	315.39	0.00	Proj.	

**Well: SNA A21A****Field: Snapper****Rig: ISDL 175****8.50 in. Section****State: Victoria****VISION Density Neutron  
1:500 True Vertical Depth  
Recorded Mode Log (Trip Out)**