

Rig: **ISDL 453** State: **Victoria**

Rig: ISDL 453 Field: Tuna Location: Bass Strait Well: TNA A-10A ST Company: ESSO Australia Ltd Pty	GeoVISION* Service 1:200 Measured Depth Recorded Mode Data						
	Location	Total depth: 2243.0 m			Elevation	K.B.	31.32 m
		Spud date: 5-Oct-2002				G.L.	-59.4 m
		Runs: 2 To 2				D.F.	31.32 m
		Permanent datum: Mean Sea Level			Elev.: 59.4 m		
		Log measured from: Drill Floor			31.32 m above Perm. datum		
	Depth reference: Driller's Depth						
	API serial no.		Y = 5,774,222.491 m N X = 624,224.990 m E		Longitude Latitude		
					E 148° 25' 5.413" S 38° 10' 16.394"		
	Depth logged: 1948.9 m To 2231.4 m		Mag decl: 13.166 deg.		Other services:		
Date logged: 15-Oct-02 To 16-Oct-02		Mag dip: -68.686 deg.		D & I, Directional Drilling			
Bore hole record			Casing record				
Hole size	from	to	Size	Density	from	to	
8 1/2 in.	661.1 m	2243.0 m	20 in.	285 lbm/m	0.0 m	155.0 m	
			13 3/8 in.	226 lbm/m	0.0 m	647.0 m	
			9 5/8 in.	154 lbm/m	617.0 m	661.1 m	
Mud record			Borehole deviation record				
Type	from	to	Min	Max	from	to	
KCI/PHPA/Glycol	661.1 m	2243.0 m	37.4 deg.	42.5 deg.	646.4 m	1015.5 m	
			42.5 deg.	60.9 deg.	1015.5 m	1218.5 m	
			60.9 deg.	68.7 deg.	1218.5 m	1796.9 m	
			54.1 deg.	68.7 deg.	1796.9 m	2243.0 m	
Surface equipment		Software record					
Unit	OLU-FB-924	IDEAL Wis	ID7_OC_02r				
Depth system	PDA-AB	SPM	HSPM7_OC_10a				
		LWD	See Toolsketch				
		MWD	See Toolsketch				

Bit Run Summary

[illegible]

Type		KCl/Phpa/Glycol									
Mud weight	lb/gal	10.25									
Solids	%	9.4									
Chlorides	mg/L	40,500									
Rm	ohm-m@°C	0.125@21.5									
Rmf	ohm-m@°C	0.231@22.0									
Rmc	ohm-m@°C	0.104@20.8									
Potassium	%	4									
Environmental data											
GR											
Mud weight	lb/gal	10.25									
Bit size	in.	8.5									
Resistivity											
Neutron porosity											
Hole Size	in.	8.5									
Mud weight	lb/gal	10.25									
Temperature	°C	68.5									
Mud salinity	ppk	66.825									
Formation salinity											
Recording rate 1	SEC	10									
Recording rate 2	SEC	10									
Filtering GR		3 pt									
Filtering density		3 pt									
Filtering Neutron		3 pt									
Company representative	B. Steel	B. Woodward									
Anadrill personnel	L. Bon	J. Dolan	K. Handley								

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OTHER SERVICES FOR RUN2 D & I Directional Drilling	OTHER SERVICES FOR RUN	OTHER SERVICES FOR RUN
REMARKS: RUN NUMBER 2 All data presented is from tool memory. GR corrected for mud weight, tool and bit size. GVR6* resistivity is corrected for the bit size, mud resistivity and borehole temperature. Bottom quadrant density is presented. Neutron porosity is calculated with a limestone matrix and is corrected for the bit size, borehole salinity, temperature and mud hydrogen index. Mud type is water-based KCl/PHPA/Glycol. Barite was present in the mud system.	REMARKS: RUN NUMBER	REMARKS: RUN NUMBER

GVR6* downhole software: 6.1B14
ADN6* downhole software: 6.2B08

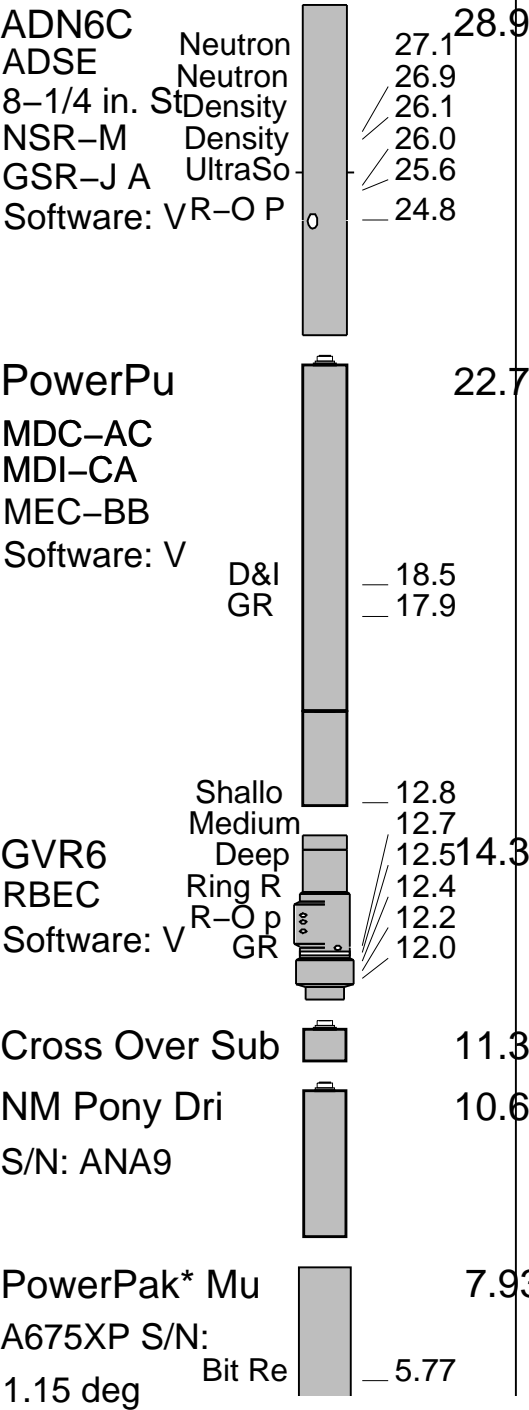
EQUIPMENT DESCRIPTION

RUN2


RUN

RUN

DOWNHOLE EQ



1.15 deg Bit Re 5.77



Security T
XS30D S/N:
MAXIMUM STRING DI
ALL LENGTHS I

IDEAL Version: ID7_0C_02

IDF

RAB IDEAL Version: ID7_0C_02 MWD_10 IDEAL Version: ID7_0C_02
ADN IDEAL Version: ID7_0C_02

Format: TNA A-10A GeoVISION Service Vertical Scale: 1:200 Graphics File Created: 18-Oct-2002 06:24

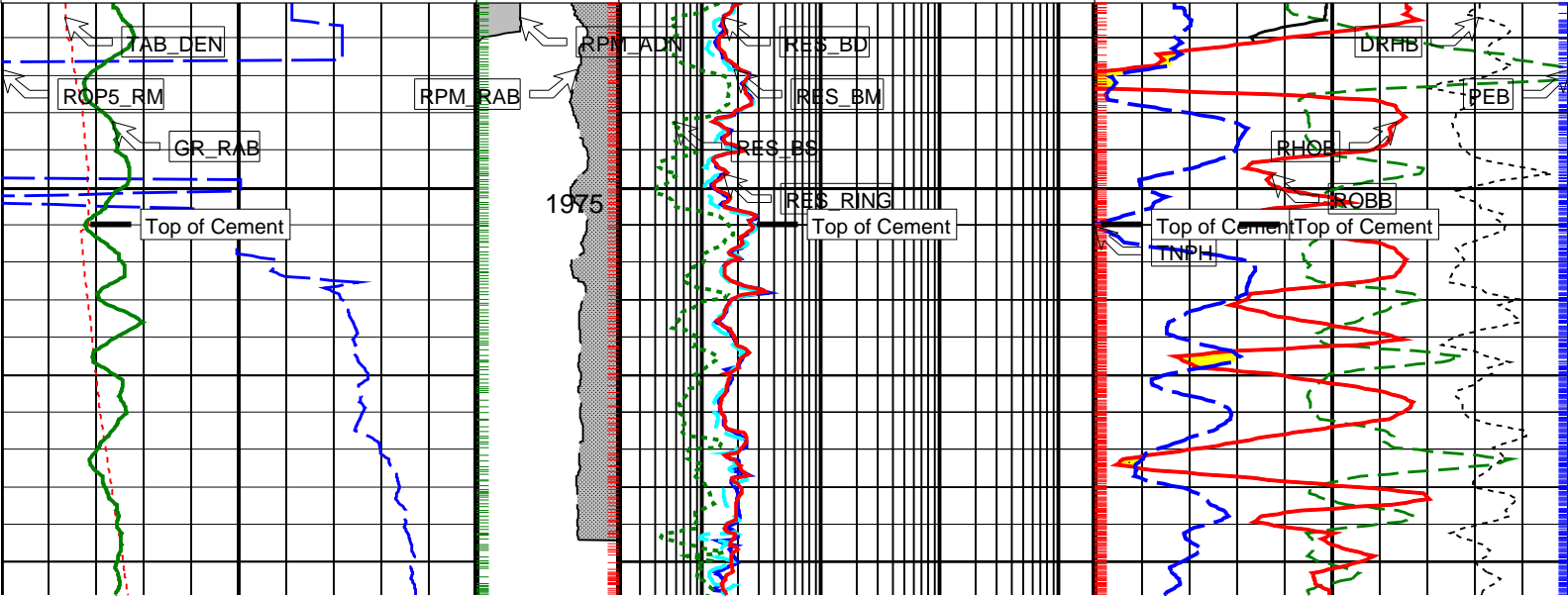
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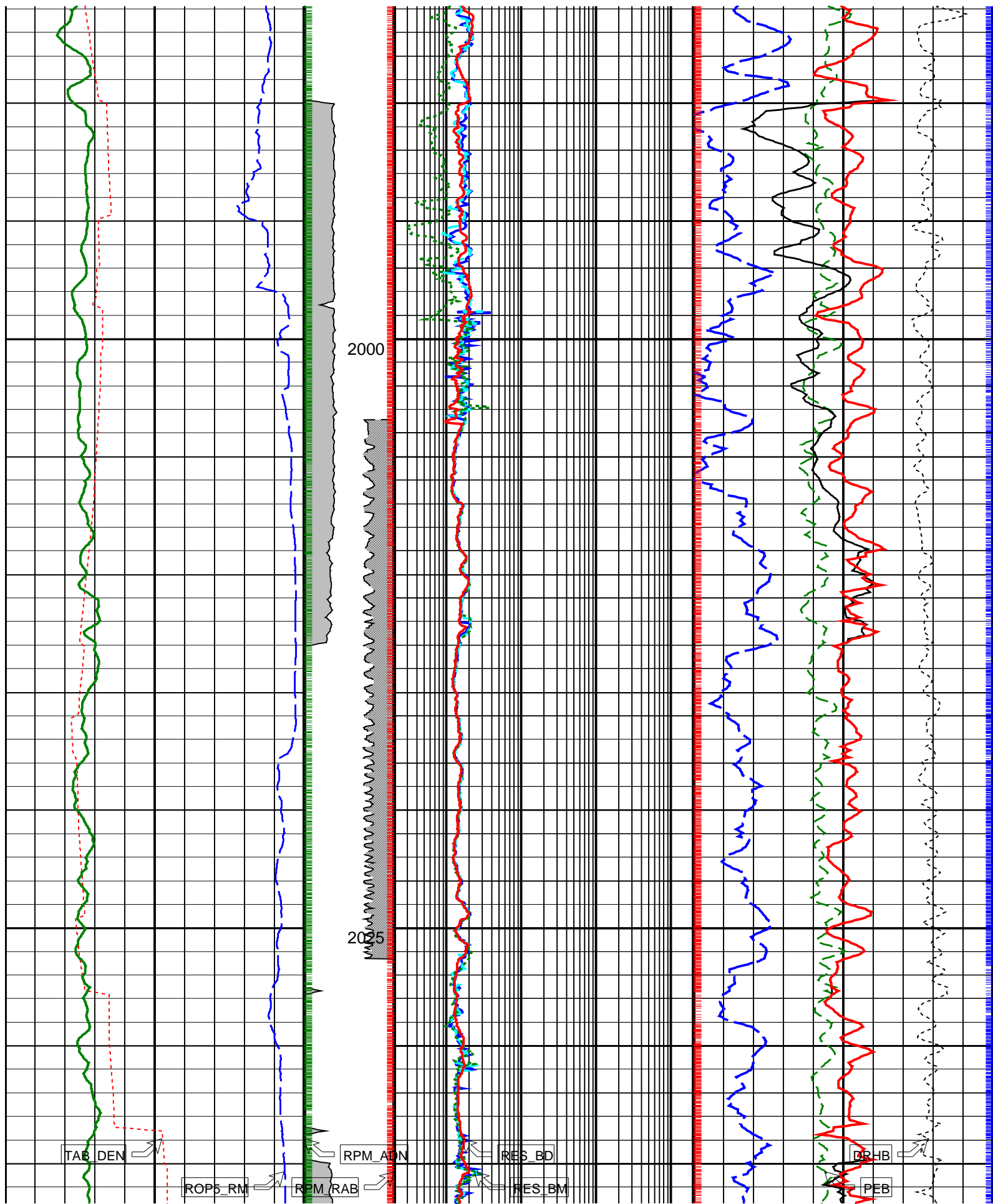
DLIS Name	Description	Value
ADN_COLLAR_STR	ADN Collar Type String	ADDC-AA: Slick
ADN_STAB_STR	ADN Stabilizer Type String	None
AVE_ADN	ADN/Array Channels: perform averaging(RM) :	YES
A_DHS	ADN Down Hole Software Version String	V6.2B
BDBHCA	RAB: Button Deep Borehole A Factor	0.004
BDBHCB	RAB: Button Deep Borehole B Factor	0.000
BHA_COEF_VER	RAB: BHA Coef Generator Version	62012.0
BHT_RM	Bottom Hole Temperature (RM)	158.0 degF
BMBHCA	RAB: Button Medium Borehole A Factor	0.023
BMBHCB	RAB: Button Medium Borehole B Factor	0.000
BSAL_RM	Mud Salinity (RM)	66.825 ppk
BSBHCA	RAB: Button Shallow Borehole A Factor	0.022
BSBHCB	RAB: Button Shallow Borehole B Factor	0.000
BS_RM	Bit Size (RM)	8.500 in
BUT_KIMP_A	RAB: Button Impedance Coeff A	0.000
BUT_KIMP_B	RAB: Button Impedance Coeff B	0.000
DBUTTON_K_FACTOR	RAB: Button Deep K factor	0.005
DEVI	Well Section Deviation	49.540 deg
DHS_VERSION	RAB: DownHole Software Version	6.101
DO	Depth Offset	0.0 m
ENVCOR	Neutron Quadrant Processing: Environmental Correction?	YES
GRDC	Grid corr angle	-0.880 deg
LITHO_TYPE_ADN	Lithology (RM)	LIME
MBUTTON_K_FACTOR	RAB: Button Medium K Factor	0.005
MST_RM	Mud Sample temperature (RM)	70.700 degF
MW_RM	Mud Weight (RM)	10.250 lbm/gal
OBM	RAB: Oil base Mud	NO
OBMF_RM	Oil Based Mud	NO
RABEC	RAB: Resistivity Env-Cor	YES
RAB_TEMP_SELECT	RAB Temperature Selection	MEAS
READOUT_PORT_MP	RAB: ROP to Bit Face Distance	12.280 m
RHOF_RM	Mud Filtrate Density (RM)	1.000 g/cm3
RHOM_RM	Matrix density (RM)	2.710 g/cm3
RINGBHCA	RAB: Ring Borehole A Factor	0.159
RINGBHCB	RAB: Ring Borehole B Factor	0.000
RING_KIMP_A	RAB: Ring Impedance Coeff A	0.000
RING_KIMP_B	RAB: Ring Impedance Coeff B	0.000
RING_K_FACTOR	RAB: Ring K Factor	0.153
RMS_RM	Resistivity of Mud Sample (RM)	0.125 ohm.m
RWS_RM	Resistivity of Connate Water (RM)	1.000 ohm.m

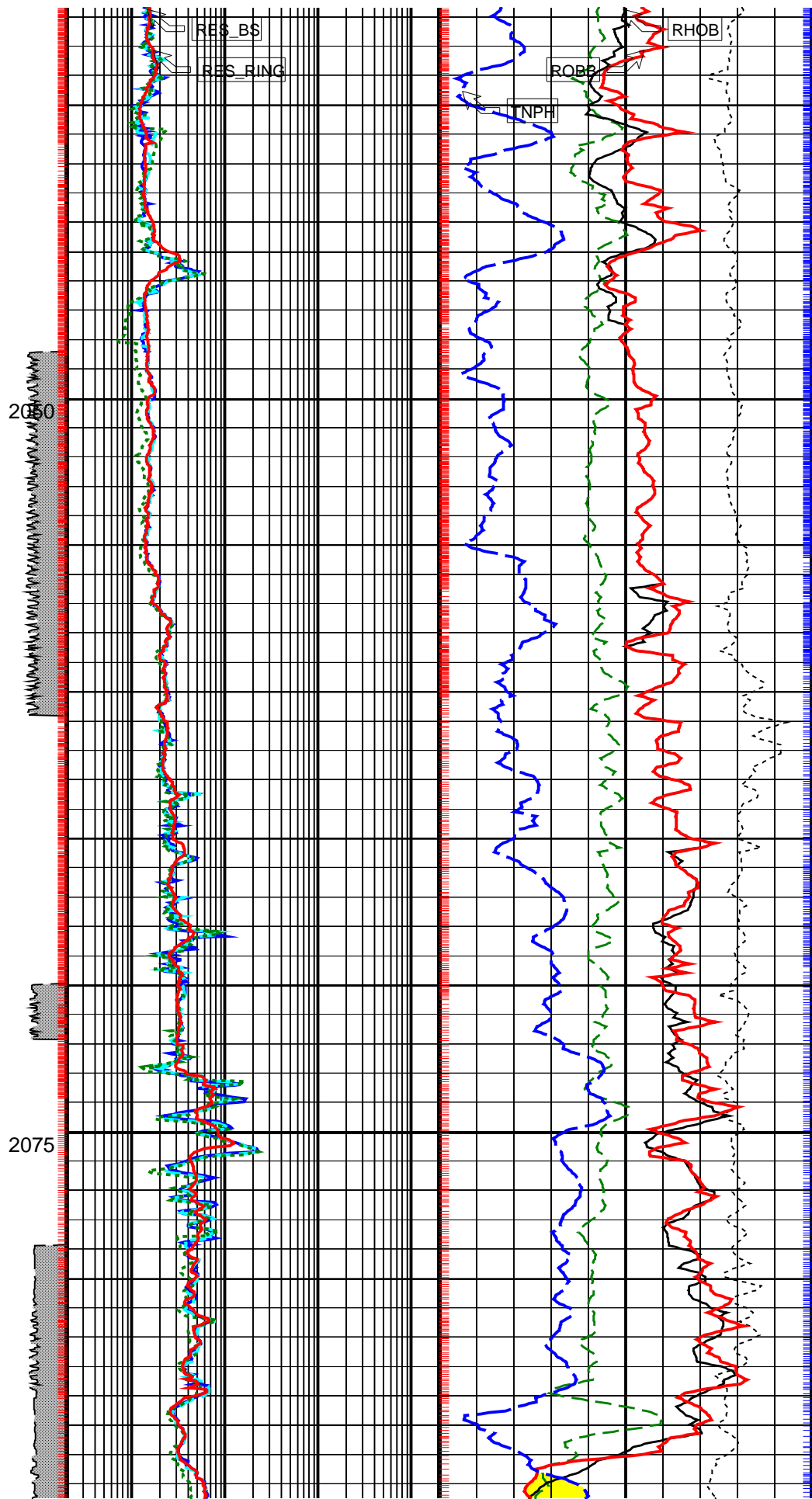
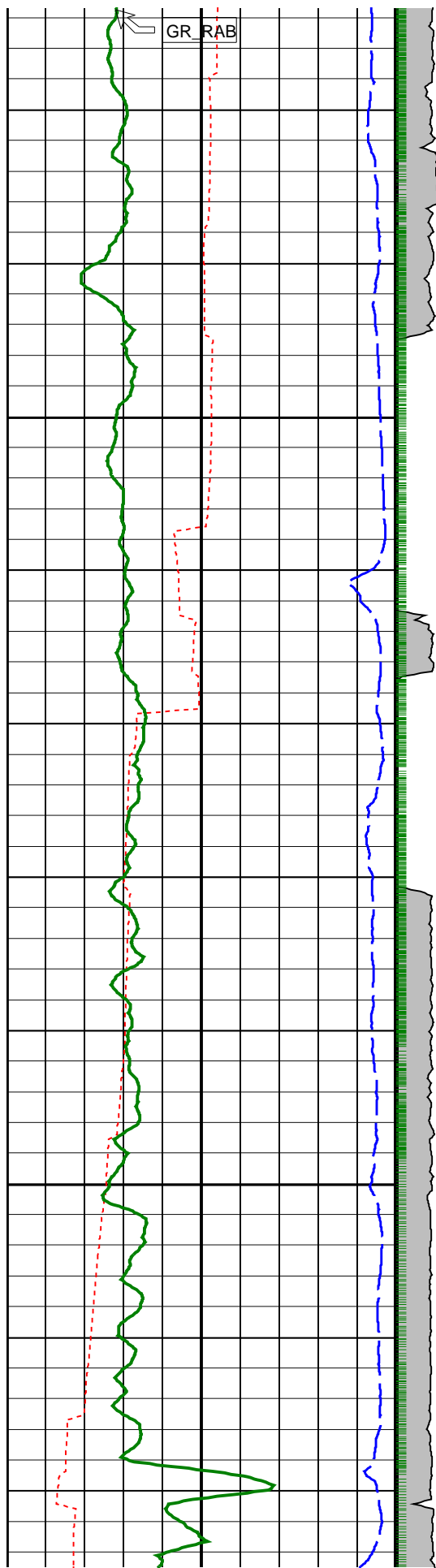
RMS_RM	Resistivity of Mud Sample (RM)	0.125	ohm.m
RWS_RM	Resistivity of Connate Water (RM)	1.000	ohm.m
SBUTTON_K_FACTOR	RAB: Button Shallow K Factor	0.007	
SHT_RM	Surface Hole Temperature (RM)	62.600	degF
SSIZ_ADN	ADN Stabilizer Size	8.250	in
STAB	RAB: Run with Stabilizer	YES	
TD_RM	Total Measured Depth (RM)	2243.0	m
TOOLTYPE	RAB: Azimuthal Tool	YES	
TRPM_RM	Average Tool Rotational Speed	20.000	c/min
TSIZ_ADN	ADN Tool Size	6.750	in
TS_VERSION	RAB: ToolScope Software Version	6.101	
TWS_RM	Temperature of Connate Water (RM)	75.000	degF
VERS_ADN	ADN Downhole Software Version	6.200	
VRAB6	Rab Tool type (ENP/PILOT)	RAB6_C_SERIES	

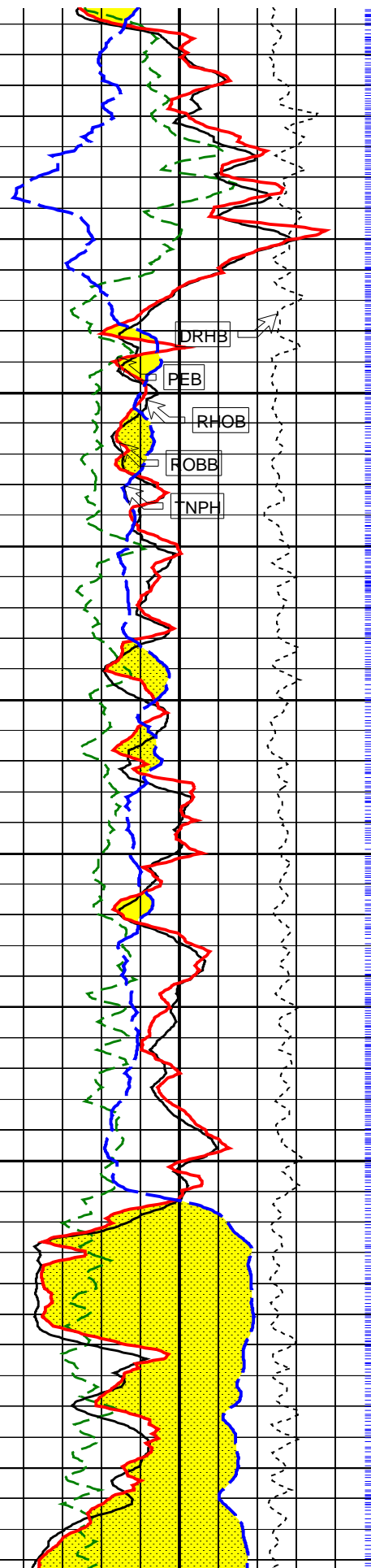
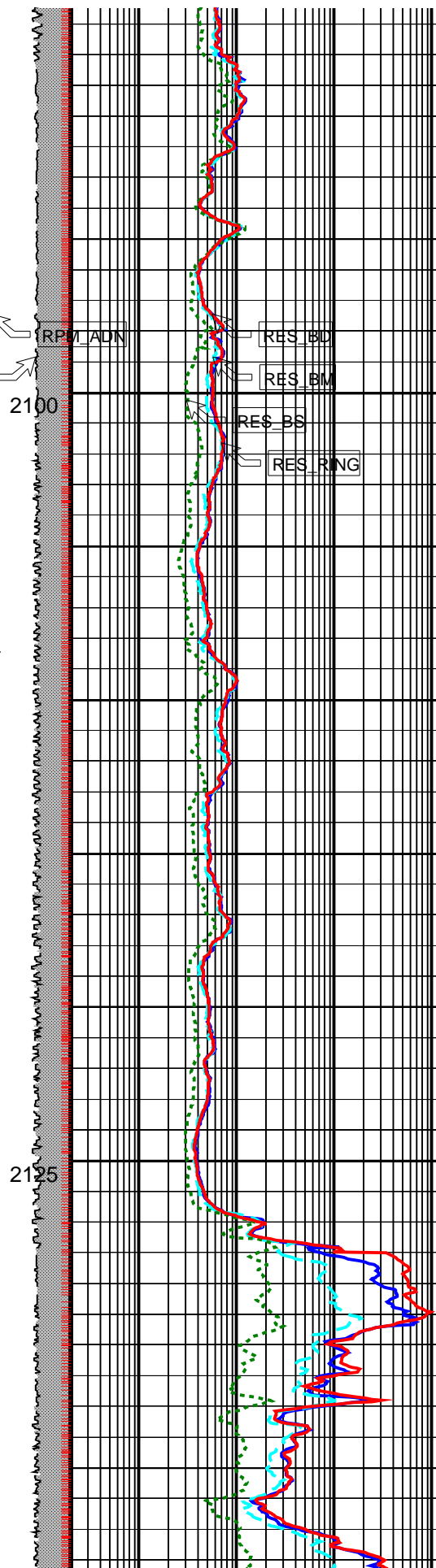
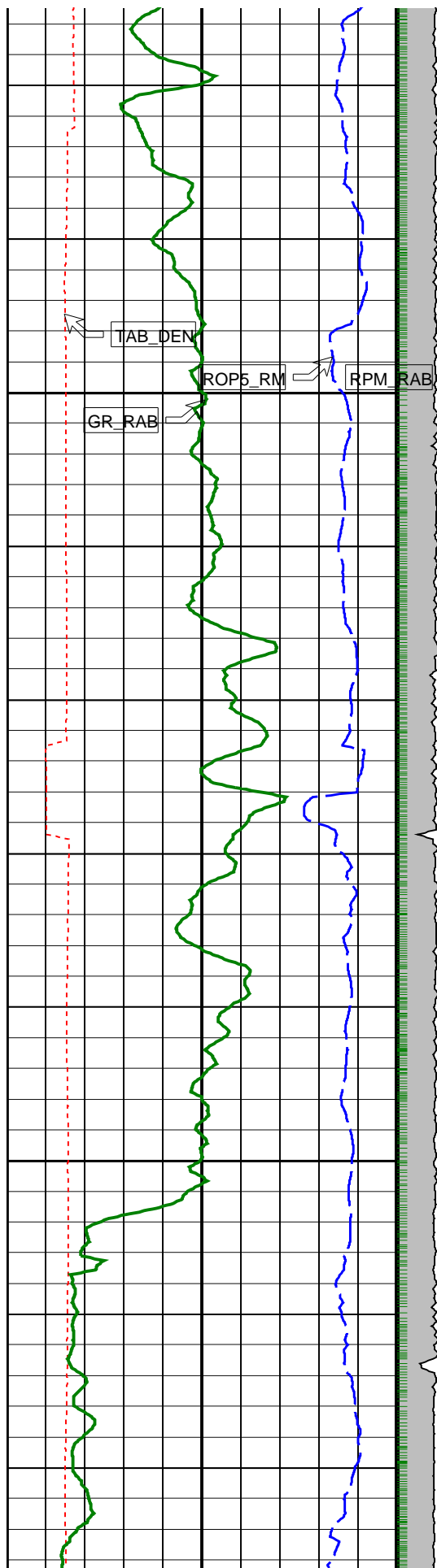
PIP SUMMARY			
		Density Ticks, 0.1 ft	Neutron Ticks, 0.1 ft
		Gamma Ray Samples	
		Ring Samples	

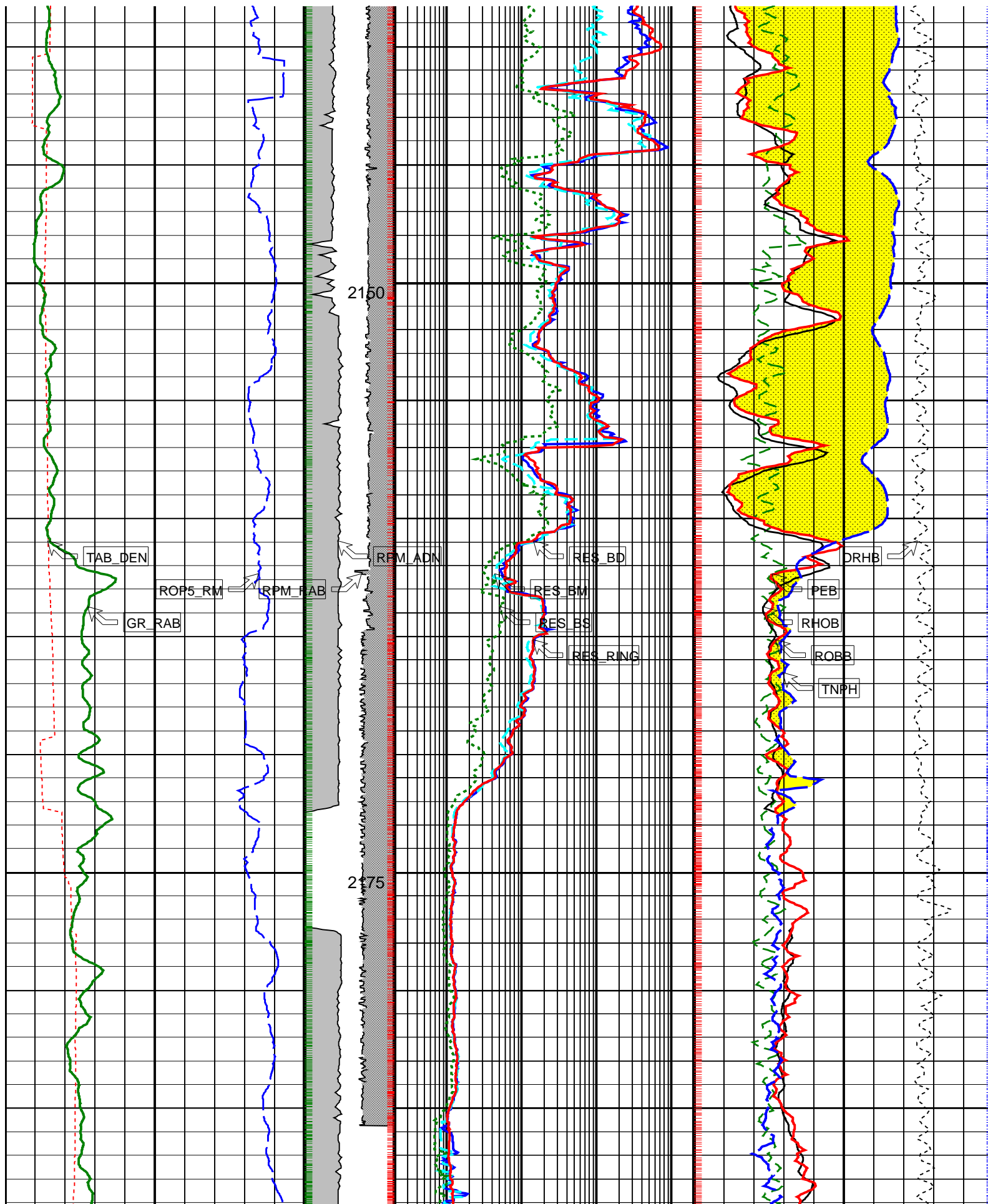
		Gas Area From ADN/ROBB/DEPTH to ADN/TNPH/DEPTH	
		Thermal Neutron Porosity (TNPH)	
		45	-15
		Bulk Density, Bottom (ROBB)	
		0.2	2.85
		Bulk Density (RHOB)	
		0.2	2.85
		Photoelectric Factor, Bottom (PEB)	
		0	10
		Bulk Density Correction, Bottom	
		-0.75	0.25

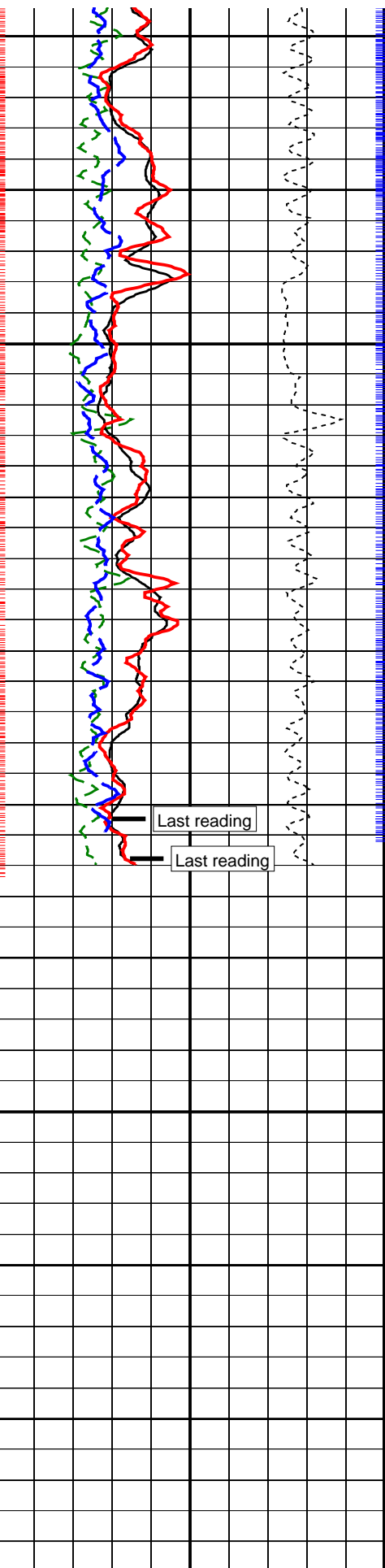
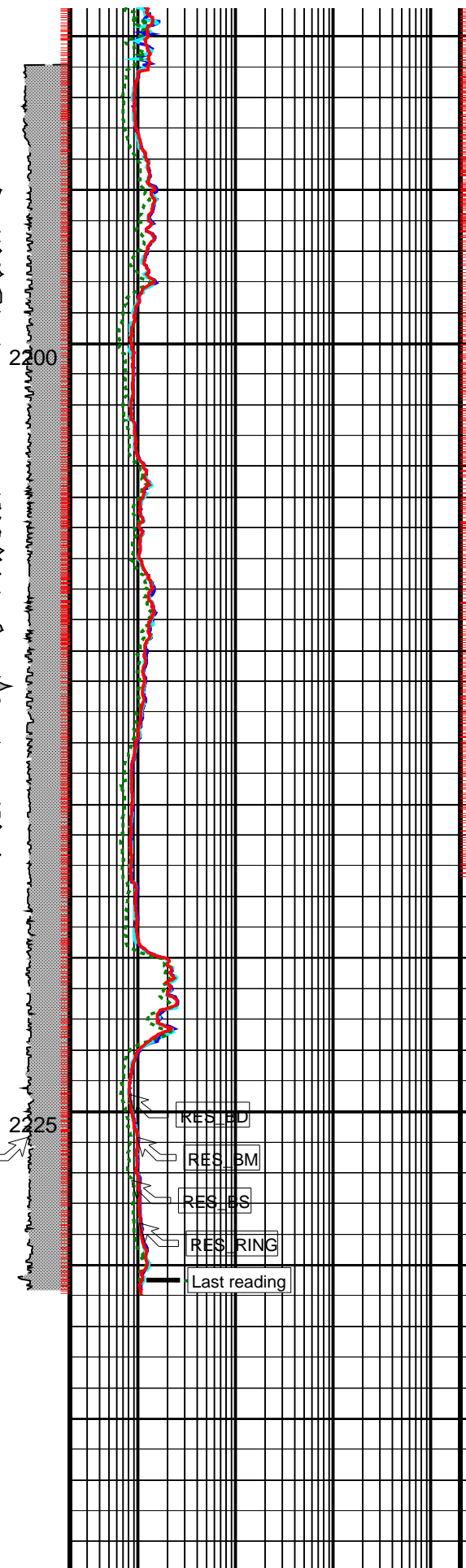
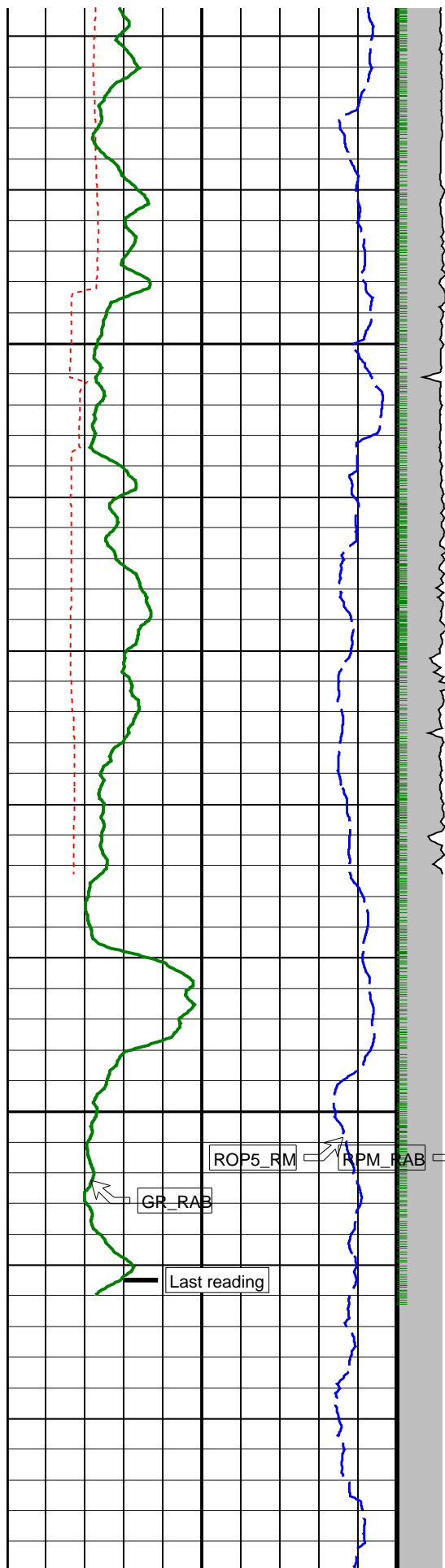




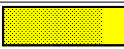
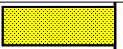
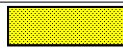











6.75-in. Azimuthal Density Neutron Calibration

Density: Aluminum Block											
Phase	LS window 3 – Al CPS		Value	Phase	SS window 1 – Al CPS		Value	Phase	SS window 3 – Al CPS		Value
Master			199.3	Master			1579	Master			4746
	50.00 (Minimum)	725.0 (Nominal)	1400 (Maximum)		500.0 (Minimum)	4250 (Nominal)	8000 (Maximum)		1500 (Minimum)	15750 (Nominal)	30000 (Maximum)



Master: 20-Aug-2002 12:00

6.75-in. Azimuthal Density Neutron Calibration

Density: Background											
Phase	LS window 3 – Background CPS		Value	Phase	SS window 1 – Background CPS		Value	Phase	SS window 3 – Background CPS		Value
Master			51.89	Master			125.3	Master			546.5
	15.00 (Minimum)	82.50 (Nominal)	150.0 (Maximum)		40.00 (Minimum)	220.0 (Nominal)	400.0 (Maximum)		150.0 (Minimum)	825.0 (Nominal)	1500 (Maximum)








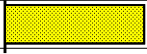
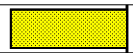







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6.75-in. Azimuthal Density Neutron Calibration

Density: Water Block Check									
Phase	Long spacing water density G/C3			Value	Phase	Short spacing water density G/C3			Value
Master				1.034	Master				1.130
	1.015 (Minimum)	1.030 (Nominal)	1.045 (Maximum)			1.095 (Minimum)	1.120 (Nominal)	1.145 (Maximum)	



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6.75-in. Azimuthal Density Neutron Calibration

Neutron: Water Tank									
Phase		Far 1 tube 1 gain		Value	Phase		Far 1 tube 1 offset CPS		Value
Master				1.102	Master				-0.8340
0.9000 (Minimum)		1.100 (Nominal)		1.300 (Maximum)	-1.200 (Minimum)		-0.9000 (Nominal)		-0.6000 (Maximum)
Phase		Far 1 tube 2 gain		Value	Phase		Far 1 tube 2 offset CPS		Value
Master				1.048	Master				-0.9090
0.9000 (Minimum)		1.100 (Nominal)		1.300 (Maximum)	-1.200 (Minimum)		-0.9000 (Nominal)		-0.6000 (Maximum)
Phase		Far 1 tube 3 gain		Value	Phase		Far 1 tube 3 offset CPS		Value
Master				1.071	Master				-0.7690
0.9000 (Minimum)		1.100 (Nominal)		1.300 (Maximum)	-1.200 (Minimum)		-0.9000 (Nominal)		-0.6000 (Maximum)
Phase		Far 2 tube 1 gain		Value	Phase		Far 2 tube 1 offset CPS		Value
Master				1.107	Master				-0.7220
0.9000 (Minimum)		1.100 (Nominal)		1.300 (Maximum)	-1.200 (Minimum)		-0.9000 (Nominal)		-0.6000 (Maximum)
Phase		Far 2 tube 2 gain		Value	Phase		Far 2 tube 2 offset CPS		Value
Master				1.000	Master				-0.8370
0.9000 (Minimum)		1.100 (Nominal)		1.300 (Maximum)	-1.200 (Minimum)		-0.9000 (Nominal)		-0.6000 (Maximum)
Phase		Far 2 tube 3 gain		Value	Phase		Far 2 tube 3 offset CPS		Value
Master				1.108	Master				-0.7300
0.9000 (Minimum)		1.100 (Nominal)		1.300 (Maximum)	-1.200 (Minimum)		-0.9000 (Nominal)		-0.6000 (Maximum)
Phase		Near 1 tube 1 gain		Value	Phase		Near 1 tube 1 offset CPS		Value
Master				1.088	Master				0
0.9000 (Minimum)		1.100 (Nominal)		1.300 (Maximum)	-50.00 (Minimum)		0 (Nominal)		50.00 (Maximum)
Phase		Near 2 tube 1 gain		Value	Phase		Near 2 tube 1 offset CPS		Value
Master				1.062	Master				0
0.9000 (Minimum)		1.100 (Nominal)		1.300 (Maximum)	-50.00 (Minimum)		0 (Nominal)		50.00 (Maximum)

Master: Calibration date not found

Master: Calibration date not found

6.75-in. Azimuthal Density Neutron Calibration									
Neutron: Water Block Check									
Phase	Far Neutron water porosity V/V			Value	Phase	Near Neutron water porosity V/V			Value
Master				1.000	Master				1.000
	0.9000 (Minimum)	1.000 (Nominal)	1.150 (Maximum)			0.9000 (Minimum)	1.000 (Nominal)	1.150 (Maximum)	

6.75-in. Resistivity At-the-Bit / Equipment Identification













Primary Equipment:


Tool Name and Serial Number

GVR6* S/N: 160

Calibration Status

Valid

Master: 11-Sep-2002 12:00															
6.75-in. Resistivity At-the-Bit Calibration															
Resistivity: Fixture															
Phase	Ring/T1 factor			Value	Phase	Ring/T2 factor			Value	Phase	M0/T1 factor			Value	
Master				0.9975	Master				0.9991	Master				1.001	
	0.9750 (Minimum)	1.000 (Nominal)	1.025 (Maximum)		0.9750 (Minimum)	1.000 (Nominal)	1.025 (Maximum)		0.9750 (Minimum)	1.000 (Nominal)	1.025 (Maximum)		0.9750 (Minimum)	1.000 (Nominal)	1.025 (Maximum)
Phase	M0/T2 factor			Value	Phase	M2/T1 factor			Value	Phase	M2/T2 factor			Value	
Master				1.002	Master				0.9983	Master				0.9994	
	0.9750 (Minimum)	1.000 (Nominal)	1.025 (Maximum)		0.9750 (Minimum)	1.000 (Nominal)	1.025 (Maximum)		0.9750 (Minimum)	1.000 (Nominal)	1.025 (Maximum)		0.9750 (Minimum)	1.000 (Nominal)	1.025 (Maximum)
Phase	BTN shallow/T1 factor			Value	Phase	BTN shallow/T2 factor			Value	Phase	BTN medium/T1 factor			Value	
Master				1.006	Master				1.007	Master				1.002	
	0.9750 (Minimum)	1.000 (Nominal)	1.025 (Maximum)		0.9750 (Minimum)	1.000 (Nominal)	1.025 (Maximum)		0.9750 (Minimum)	1.000 (Nominal)	1.025 (Maximum)		0.9750 (Minimum)	1.000 (Nominal)	1.025 (Maximum)
Phase	BTN medium/T2 factor			Value	Phase	BTN deep/T1 factor			Value	Phase	BTN deep/T2 factor			Value	
Master				1.003	Master				1.012	Master				1.012	
	0.9750 (Minimum)	1.000 (Nominal)	1.025 (Maximum)		0.9750 (Minimum)	1.000 (Nominal)	1.025 (Maximum)		0.9750 (Minimum)	1.000 (Nominal)	1.025 (Maximum)		0.9750 (Minimum)	1.000 (Nominal)	1.025 (Maximum)

Master: 11-Sep-2002 12:00									
6.75-in. Resistivity At-the-Bit Calibration									
Gamma Ray: Blanket									
Phase	Gamma ray factor								Value
Master									0.8590
	0.7500 (Minimum)		1.000 (Nominal)		1.250 (Maximum)				

ANADRILL

SCHLUMBERGER

Survey report 16-Oct-2002 12:09:07 Page 1 of 3

Client.....: Esso Australia Ltd.
Field.....: Tuna

Well.....: TNA A-10A
API number.....:
Engineer.....: L. Bon

Spud date.....: 4-Oct-2002
Last survey date.....: 16-Oct-02
Total accepted surveys....: 57

API number.....: Last survey date.....: 16-Oct-02
 Engineer.....: L. Bon Total accepted surveys....: 57
 MD of first survey.....: 646.50 m
 RIG.....: ISDL 453 MD of last survey.....: 2243.00 m
 STATE.....: Victoria

----- Survey calculation methods ----- Geomagnetic data -----
 Method for positions.....: Minimum curvature Magnetic model.....: BGGM version 2001
 Method for DLS.....: Mason & Taylor Magnetic date.....: 20-Sep-2002
 Magnetic field strength...: 1200.29 HCNT
 ----- Depth reference ----- Magnetic dec (+E/W-).....: 13.17 degrees
 Permanent datum.....: Mean Sea Level Magnetic dip.....: -68.69 degrees
 Depth reference.....: Driller's Depth
 GL above permanent.....: -59.40 m ----- MWD survey Reference Criteria -----
 KB above permanent.....: 31.32 m Reference G.....: 1000.02 mGal
 DF above permanent.....: 31.32 m Reference H.....: 1200.29 HCNT
 Reference Dip.....: -68.69 degrees
 Tolerance of G.....: (+/-) 2.50 mGal
 Tolerance of H.....: (+/-) 6.00 HCNT
 Tolerance of Dip.....: (+/-) 0.45 degrees
 ----- Platform reference point ----- Corrections -----
 Latitude (+N/S-).....: -3.05 m Magnetic dec (+E/W-).....: 13.17 degrees
 Departure (+E/W-).....: 0.11 m Grid convergence (+E/W-).....: -0.88 degrees
 Total az corr (+E/W-).....: 14.05 degrees
 Azimuth from rotary table to target: 332.28 degrees (Total az corr = magnetic dec - grid conv)
 Sag applied (Y/N).....: No degree: 0.00

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 ANADRILL SCHLUMBERGER Survey Report 16-Oct-2002 12:09:07 Page 2 of 3

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 (100f)	Srvy type	Tool qual
1	646.5	37.39	204.16	0	614.23	-101.72	-136.8	-35.75	138.47	194.65	0	TIP	-
2	661.2	37.68	204.31	14.7	625.89	-107.24	-144.96	-39.43	147.32	195.21	0.63	GYR	-
3	700.49	38.02	219.27	39.29	656.98	-119.38	-165.32	-52.05	170.44	197.48	7.11	MWD	6-axis
4	729	38.66	224.98	28.51	679.35	-125.46	-178.42	-63.91	186.69	199.71	3.85	MWD	6-axis
5	757.82	37.29	233.89	28.82	702.08	-129.42	-189.94	-77.34	202.3	202.15	5.97	MWD	6-axis
6	785.91	37.06	243.45	28.09	724.48	-130.48	-198.74	-91.8	216.2	204.79	6.27	MWD	6-axis
7	814.55	37.96	252.29	28.64	747.22	-128.78	-205.29	-107.92	229.28	207.73	5.8	MWD	6-axis
8	843.56	39.69	259.68	29.01	769.83	-124.45	-209.66	-125.54	241.82	210.91	5.19	MWD	6-axis
9	871.13	40.19	267.56	27.57	790.98	-118.02	-211.62	-143.1	253	214.07	5.62	MWD	6-axis
10	901.08	40.82	274.91	29.95	813.77	-108.61	-211.19	-162.52	264.15	217.58	4.9	MWD	6-axis
11	927.94	40.93	282.75	26.86	834.09	-98.15	-208.5	-179.86	273.13	220.78	5.82	MWD	6-axis
12	956.4	41.73	290.78	28.46	855.48	-85	-203.08	-197.82	281.4	224.25	5.74	MWD	6-axis
13	986.18	42.47	297.76	29.78	877.59	-69.28	-194.87	-216	288.96	227.94	4.85	MWD	6-axis
14	1015.52	42.54	305.13	29.34	899.23	-52.29	-184.55	-232.88	295.34	231.61	5.17	MWD	6-axis
15	1044.86	42.2	312.78	29.34	920.92	-34.16	-172.14	-248.24	300.45	235.26	5.37	MWD	6-axis
16	1073.87	45.34	320.38	29.01	941.88	-14.86	-157.56	-261.98	304.25	238.98	6.43	MWD	6-axis
17	1102.84	49.02	325.14	28.97	961.58	6.08	-140.64	-274.81	307.43	242.9	5.34	MWD	6-axis
18	1131.52	51.38	330.94	28.68	979.94	28.04	-121.95	-286.45	310.25	246.94	5.36	MWD	6-axis
19	1160.5	54.35	336.25	28.98	997.44	51.12	-101.26	-296.7	312.63	251.15	5.44	MWD	6-axis
20	1189.57	58.35	338.23	29.07	1013.55	75.22	-78.95	-306.05	315.43	255.53	4.54	MWD	6-axis
21	1218.51	60.94	341.52	28.94	1028.18	99.97	-55.51	-314.63	319.08	259.99	4.05	MWD	6-axis
22	1247.44	64.09	344.91	28.93	1041.53	125.15	-30.94	-322.03	323.34	264.51	4.59	MWD	6-axis
23	1276.26	68.16	347.68	28.82	1053.19	150.71	-5.34	-328.26	328.38	269.07	5.07	MWD	6-axis
24	1304.91	68.17	350.31	28.65	1063.85	176.18	20.76	-333.34	334.29	273.56	2.6	MWD	6-axis
25	1334.11	67.47	350.2	29.2	1074.88	201.9	47.41	-337.91	341.77	277.99	0.74	MWD	6-axis
26	1363.21	66.92	349.8	29.1	1086.15	227.45	73.83	-342.57	351.2	282.16	0.69	MWD	6-axis
27	1391.75	67.53	350.62	28.54	1097.2	252.49	99.76	-347.04	362.06	286.04	1.04	MWD	6-axis
28	1420.36	67.08	350.51	28.61	1108.24	277.55	125.8	-351.37	374.35	289.7	0.49	MWD	6-axis
29	1448.66	68.99	350.9	28.3	1118.83	302.45	151.7	-355.61	387.92	293.1	2.09	MWD	6-axis
30	1477.72	68.34	350.63	29.06	1129.4	328.12	178.41	-359.95	403.21	296.37	0.73	MWD	6-axis

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 ANADRILL SCHLUMBERGER Survey Report 16-Oct-2002 12:09:07 Page 3 of 3

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 (100f)	Srvy type	Tool qual
31	1506.45	67.61	350.84	28.73	1140.17	353.38	204.7	-364.24	419.42	299.33	0.8	MWD	6-axis
32	1535.61	68.97	350.83	29.16	1150.96	379.07	231.44	-368.56	436.92	302.13	1.42	MWD	6-axis
33	1565.41	68.26	350.58	29.8	1161.82	405.39	258.83	-373.04	455.87	304.75	0.76	MWD	6-axis
34	1594.42	67.8	350.83	29.01	1172.68	430.92	285.38	-377.38	475.07	307.1	0.54	MWD	6-axis
35	1623.51	67.52	350.94	29.09	1183.74	456.42	311.95	-381.65	494.93	309.26	0.31	MWD	6-axis

34	1594.42	67.8	350.83	29.01	1172.68	430.92	285.38	-377.38	475.07	307.1	0.54	MWD	6-axis
35	1623.51	67.52	350.94	29.09	1183.74	456.42	311.95	-381.65	494.93	309.26	0.31	MWD	6-axis
36	1652.59	68.41	350.68	29.08	1194.64	481.98	338.55	-385.95	515.5	311.26	0.97	MWD	6-axis
37	1681.35	68.05	350.92	28.76	1205.31	507.3	364.92	-390.22	536.43	313.08	0.45	MWD	6-axis
38	1710.58	67.88	350.84	29.23	1216.28	532.98	391.67	-394.52	558.15	314.79	0.19	MWD	6-axis
39	1739.39	67.67	350.96	28.81	1227.18	558.25	418.01	-398.73	579.97	316.35	0.25	MWD	6-axis
40	1767.87	67.3	351.21	28.48	1238.08	583.16	444	-402.81	601.83	317.78	0.47	MWD	6-axis
41	1796.96	68.71	351.25	29.09	1248.98	608.67	470.65	-406.92	624.56	319.15	1.48	MWD	6-axis
42	1825.58	67.9	351.27	28.62	1259.56	633.82	496.94	-410.96	647.28	320.41	0.86	MWD	6-axis
43	1854.31	67.69	350.38	28.73	1270.41	659.03	523.2	-415.21	670.39	321.56	0.9	MWD	6-axis
44	1883.82	67.24	350.44	29.51	1281.72	684.94	550.07	-419.75	694.42	322.65	0.47	MWD	6-axis
45	1912.74	68.05	348.78	28.92	1292.72	710.47	576.38	-424.57	718.39	323.62	1.83	MWD	6-axis
46	1941.53	67.75	348.8	28.79	1303.55	736.04	602.54	-429.76	742.65	324.5	0.32	MWD	6-axis
47	1970.81	67.57	348.94	29.28	1314.68	762	629.12	-434.98	767.43	325.34	0.23	MWD	6-axis
48	1999.66	67.07	349.15	28.85	1325.81	787.49	655.25	-440.04	791.89	326.12	0.57	MWD	6-axis
49	2034.43	62.98	349.79	34.77	1340.49	817.59	686.23	-445.8	820.94	326.99	3.62	MWD	6-axis
50	2063.19	57.85	350.62	28.76	1354.68	841.38	710.87	-450.06	844	327.66	5.49	MWD	6-axis
51	2092.26	54.07	349.1	29.07	1370.95	864.34	734.58	-454.3	866.36	328.27	4.18	MWD	6-axis
52	2121.17	54.36	349.19	28.91	1387.86	886.78	757.61	-458.71	888.32	328.81	0.32	MWD	6-axis
53	2150	55.5	349.25	28.83	1404.42	909.35	780.79	-463.13	910.49	329.33	1.21	MWD	6-axis
54	2179.27	56.64	349.55	29.27	1420.76	932.56	804.66	-467.59	933.35	329.84	1.22	MWD	6-axis
55	2208.3	56.7	349.39	29.03	1436.71	955.73	828.51	-472.02	956.24	330.33	0.15	MWD	6-axis
56	2224.38	57.39	349.38	16.08	1445.46	968.63	841.77	-474.51	969.01	330.59	1.31	MWD	6-axis
57	2243	57.75	349.37	18.62	1455.44	983.65	857.21	-477.41	983.91	330.89	0.59	MWD	-

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Company: **ESSO Australia Ltd Pty**

Schlumberger

Well: **TNA A-10A ST**

Field: **Tuna**

Rig: **ISDL 453**

State: **Victoria**

GeoVISION* Service
1:200 Measured Depth
Recorded Mode Data