

Company: **Woodside Energy Limited**

Well: **Thylacine-2**

Field: Permit T/30P

Rig: **Ocean Bounty** State: **Tasmania**

<div><div>Schlumberger</div><div>Drilling Mechanics Log 1:500 Measured Depth Realtime / Recorded Mode</div></div>						Ocean Bounty Permit T/30P Otway Basin Thylacine-2 Woodside Energy Limited							
		Location											
Total depth:		2109 m						K.B.		101.2 m			
Spud date:		28 August 2001						Elevation		G.L.			
Runs:		1 To 1						D.F.		126.2 m			
Permanent datum:		Least Astronomical Tide						Elev.:		0.0 m			
Log measured from:		Drill Floor						25.0 m above Perm. datum					
Depth reference:		Driller's Depth											
API serial no.		Vertical Section		Longitude		Latitude							
0 deg				E 142 50'		S 39 13'		55.000 42.675					
Depth logged: 557 m		To 2094 m		Mag decl: 11.05 deg		Other services:							
Date logged: 31 Aug 01		To 2 Sept 01		Mag dip: -70.39 deg		Directional Surveys							
Bore hole record				Casing record									
Hole size	from	to	Size	Density	from	to							
12.25 in	557 m	2109 m	13.375 in	61 lb/ft	126.0 m	551.0 m							
Type	Mud record	from	to	Min	Max	Borehole deviation record	from	to					
KCl/Polymer	557 m	2109 m	0.59 deg	1.36 deg	557 m	2109 m							
Surface equipment		Software record											
Unit	TWIS-EA	IDEAL Wis		6.1c_03		IDEAL							
Depth system	Geograph	SPM		6.1c_03		services from							
		LWD		5.0		Anadrill							
		MWd		6.1									

DISCLAIMER

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.

OTHER SERVICES FOR RUN1 MWD Surveys. 4–Axis vibration / shock monitoring. DWOB/DTORQ. Geologist Display.	OTHER SERVICES FOR RUN	OTHER SERVICES FOR RUN
REMARKS: RUN NUMBER 1 Depth is referenced to the driller's pipe tally. The data presented is from the tool memory. The CDR gamma ray is corrected for mud weight, bit size and collar thickness. The CDR resistivity is borehole compensated but not environmentally corrected.	REMARKS: RUN NUMBER	REMARKS: RUN NUMBER

Interval drilled : 557 – 2109m.

Interval drilled : 557 – 2109m.
Interval logged : 557 – 2094m.

Run objective : drill vertically to casing point.
POOH : reached 9 5/8 in. casing point.

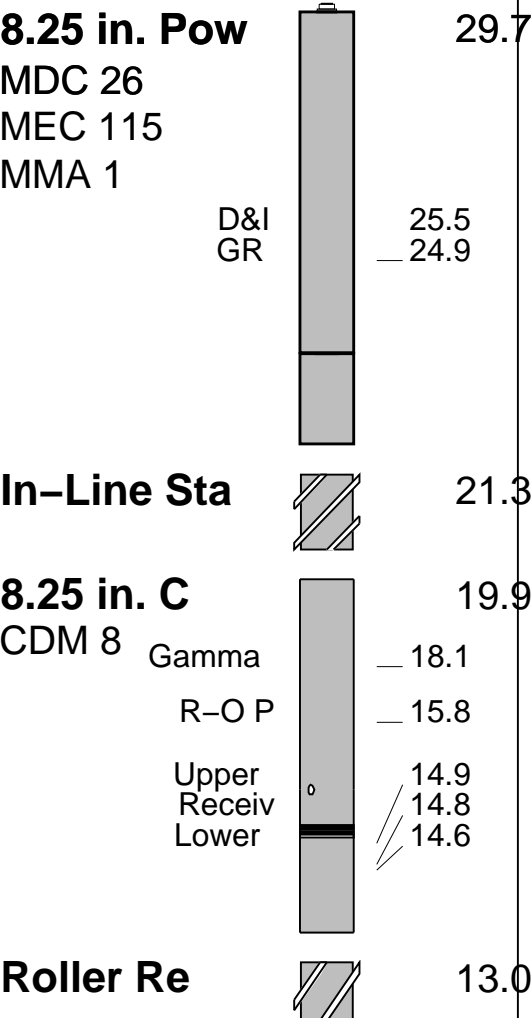
EQUIPMENT DESCRIPTION

RUN1

RUN

RUN

DOWNHOLE EQ



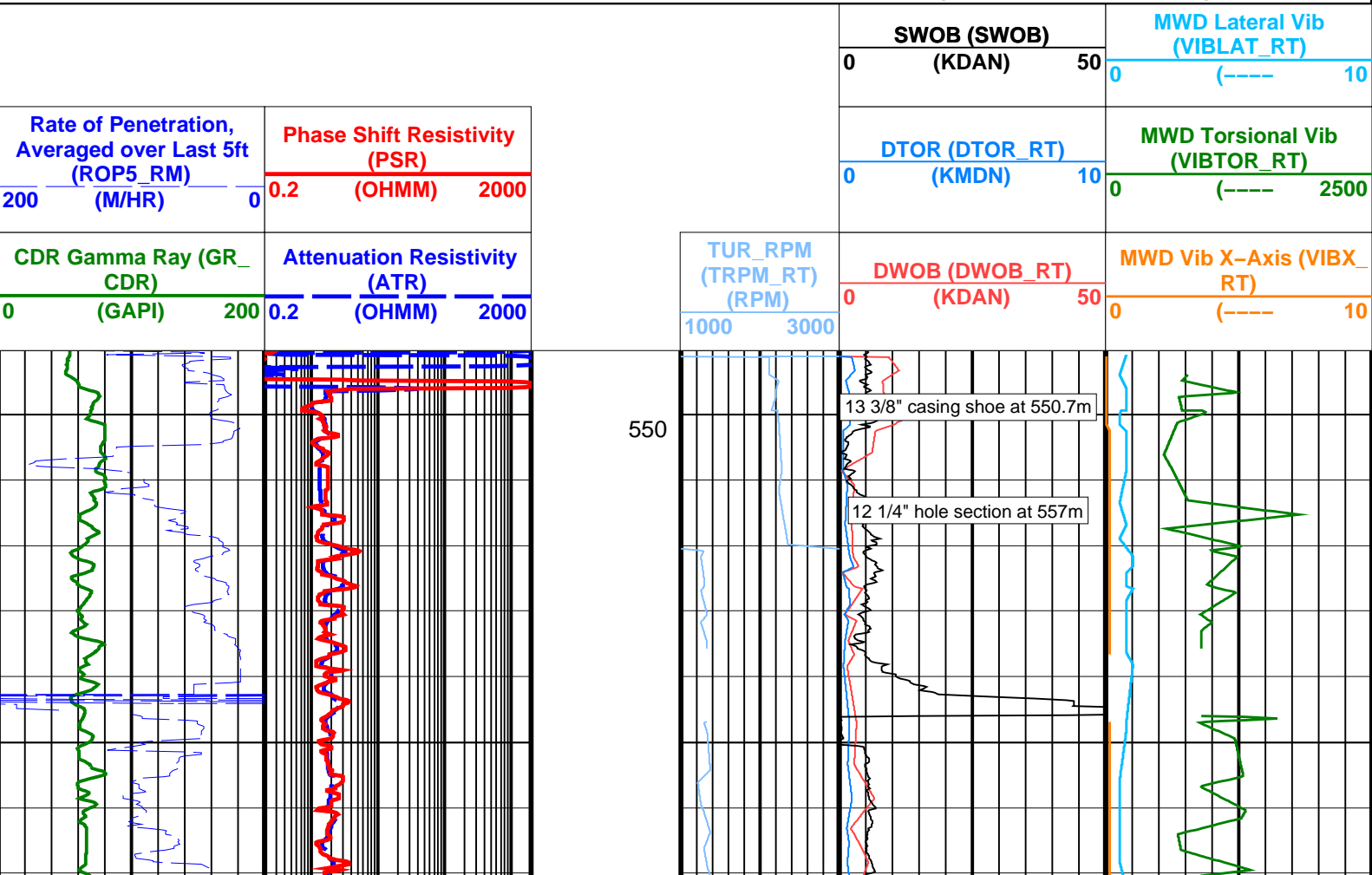
Environmental data

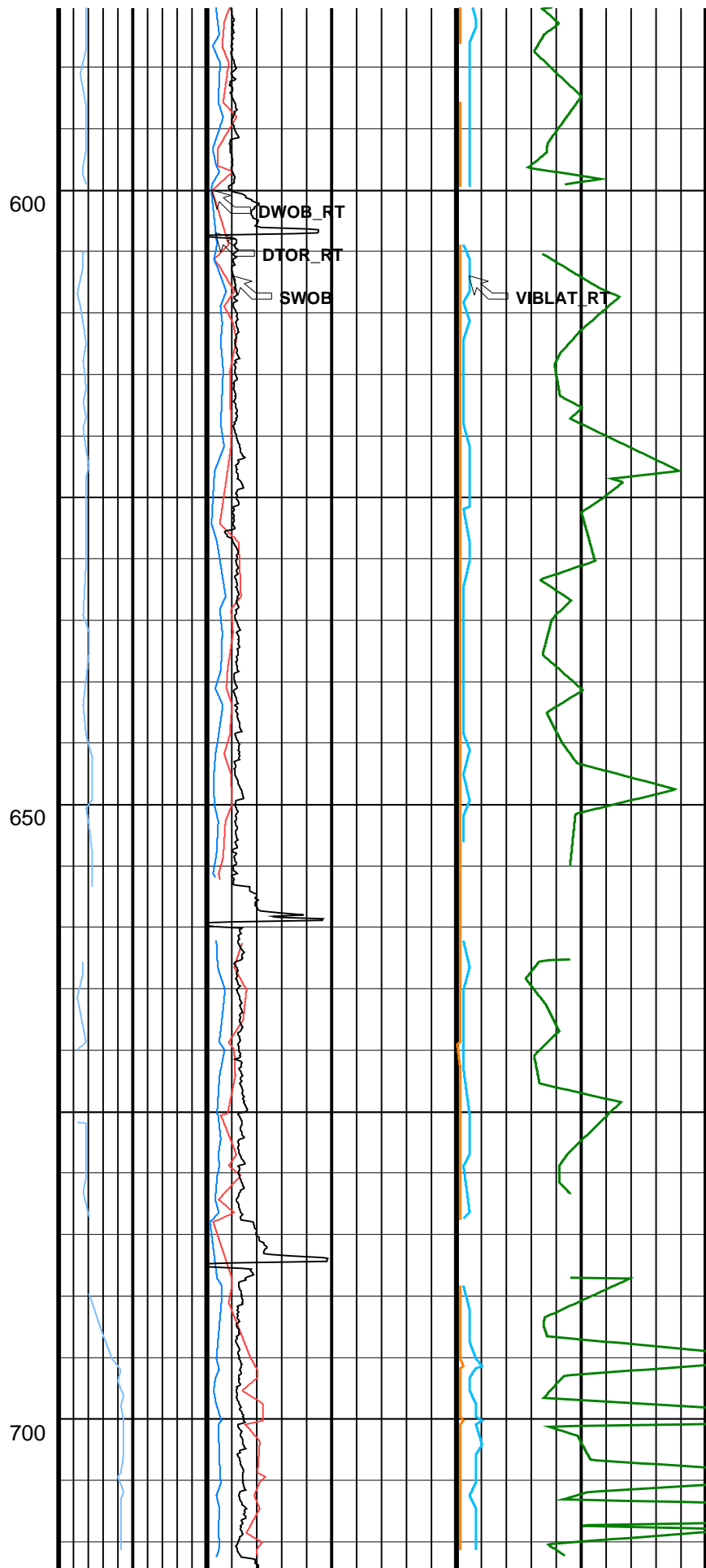
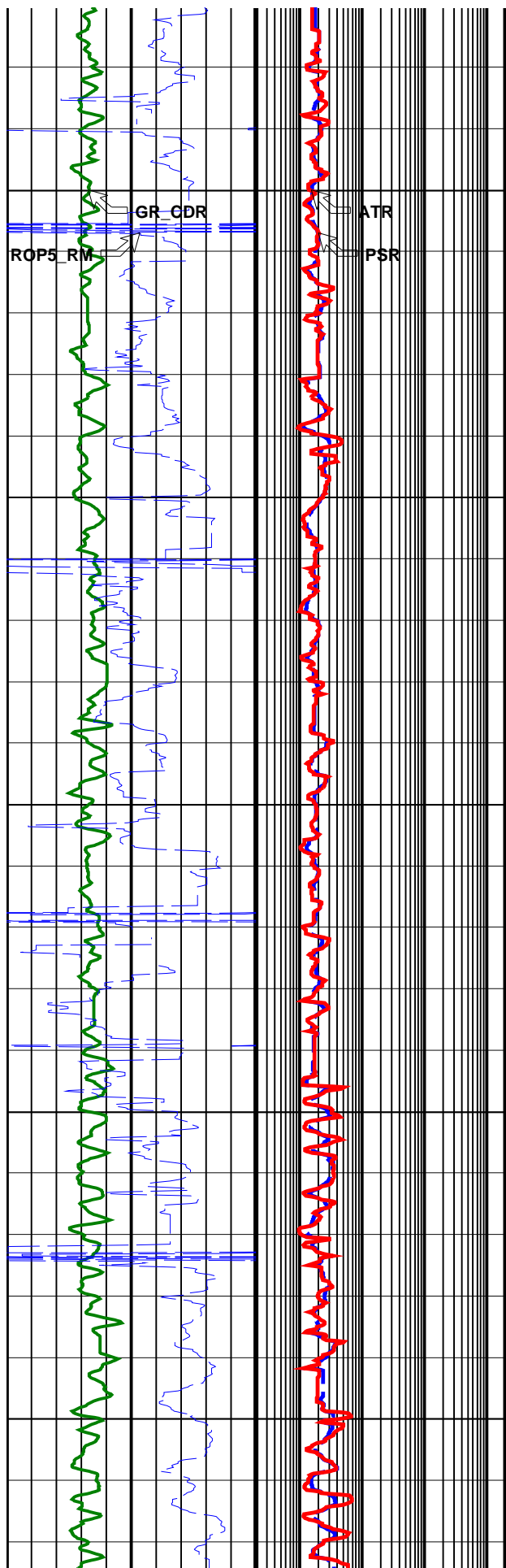
GR											
Mud weight	sg	1.26									
Bit size	in	12.25									
Resistivity											
Neutron porosity											
Hole Size											
Mud weight											
Temperature											
Mud salinity											
Formation salinity											
Recording rate 1	SEC	6 sec	CDR GR								
Recording rate 2	SEC	6 sec	CDR RES								
Filtering GR											
Filtering density											
Filtering Neutron											
Company representative	M.Jackson	J.Trethewie	M.Bilek	G.Westie							
Anadrill personnel	L.Muskett	O.Radicevic	B.Hanson								

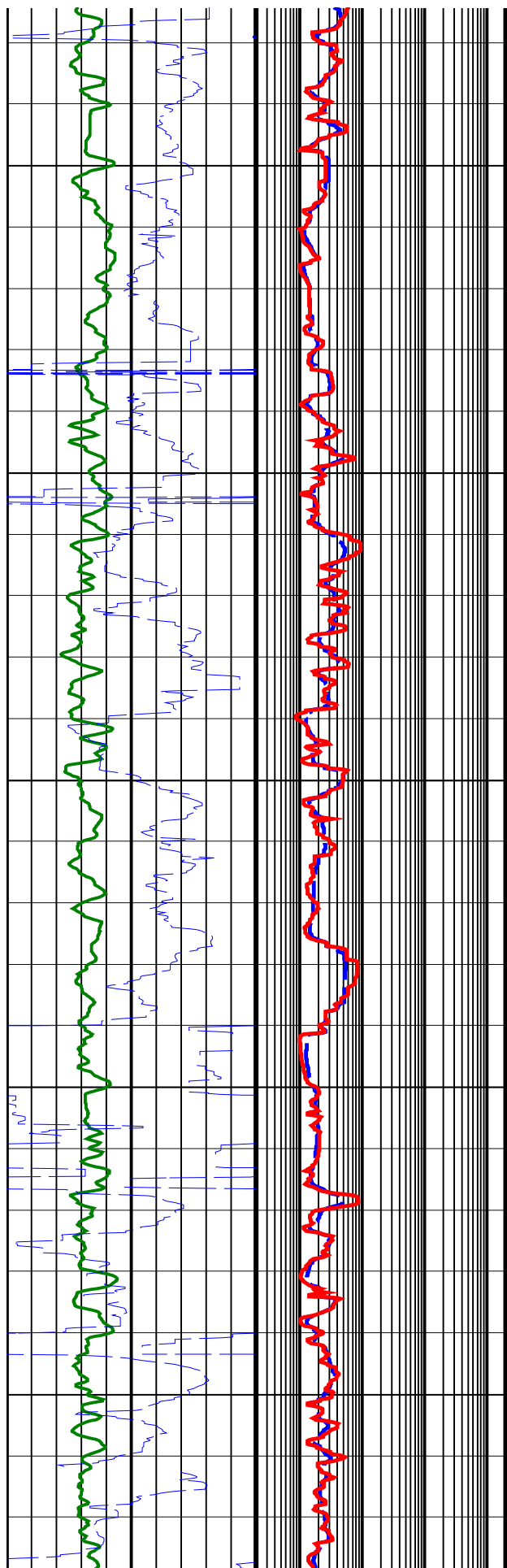
CDR DrillMech RM

IDEAL Version: ID6_1C_10 <MD > Vertical Scale: 1:500

Graphics File Created: 06-Sep-2001 15:49

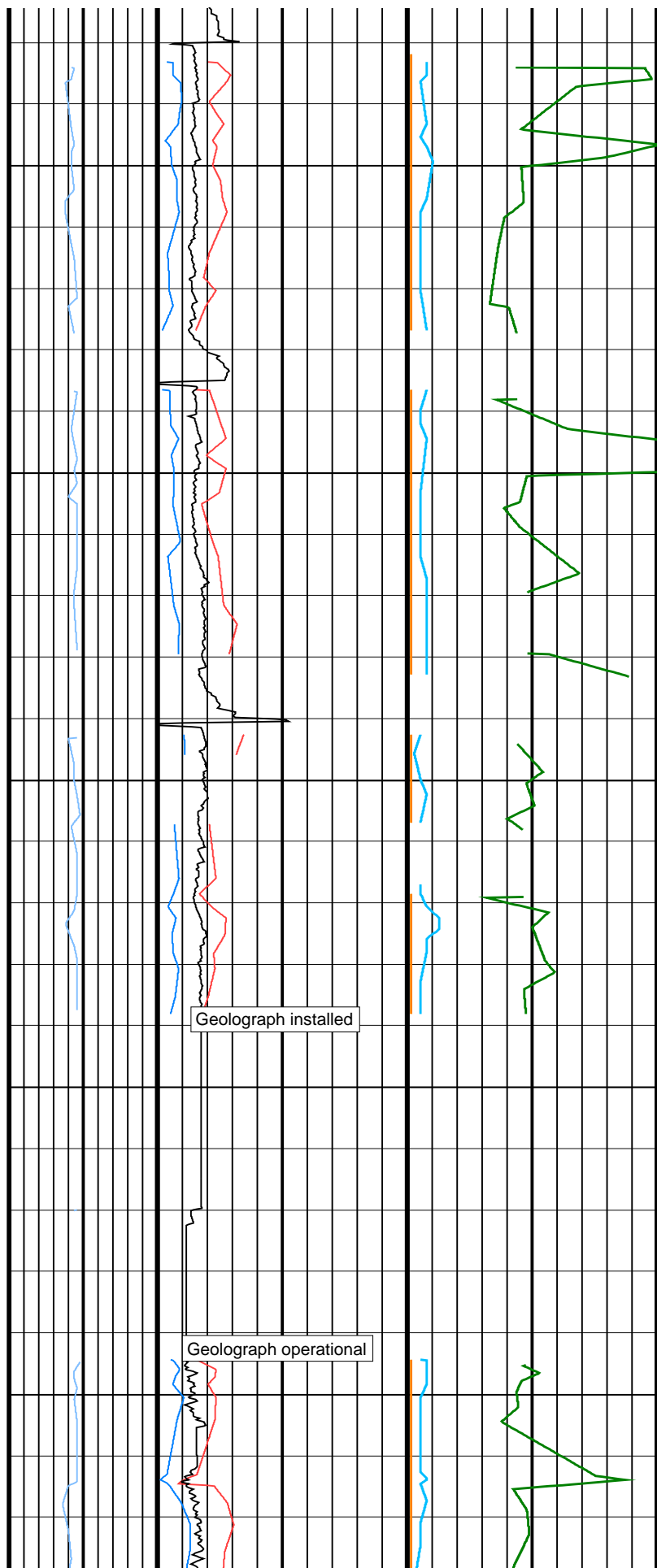


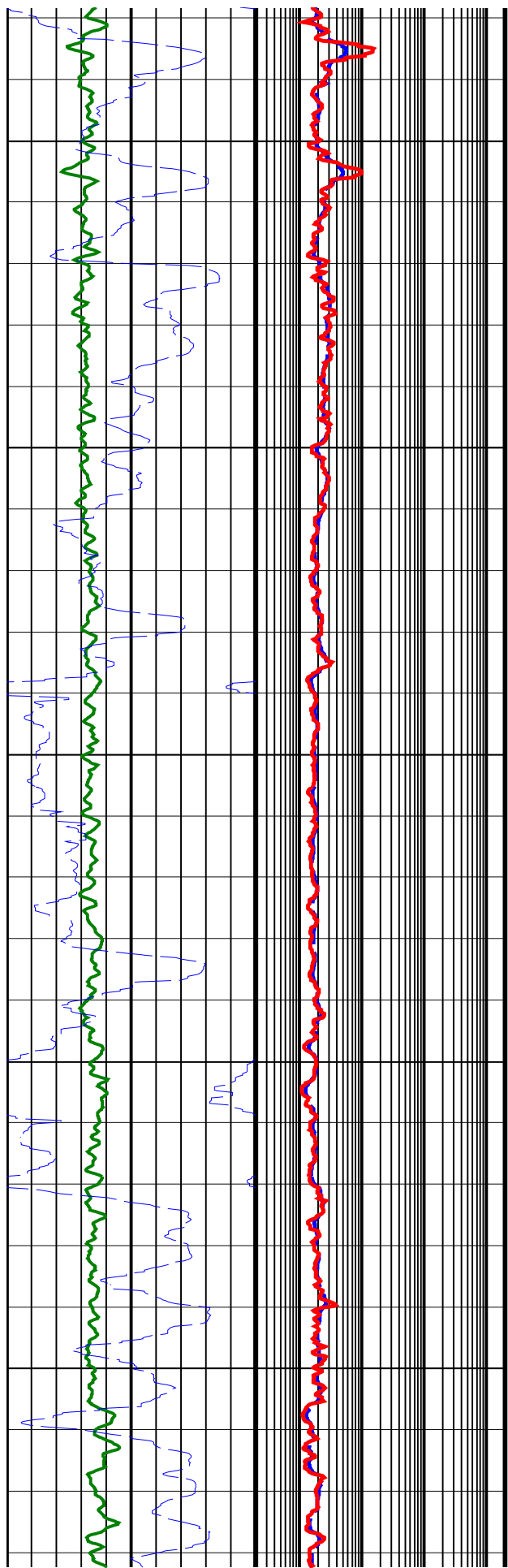




750

800

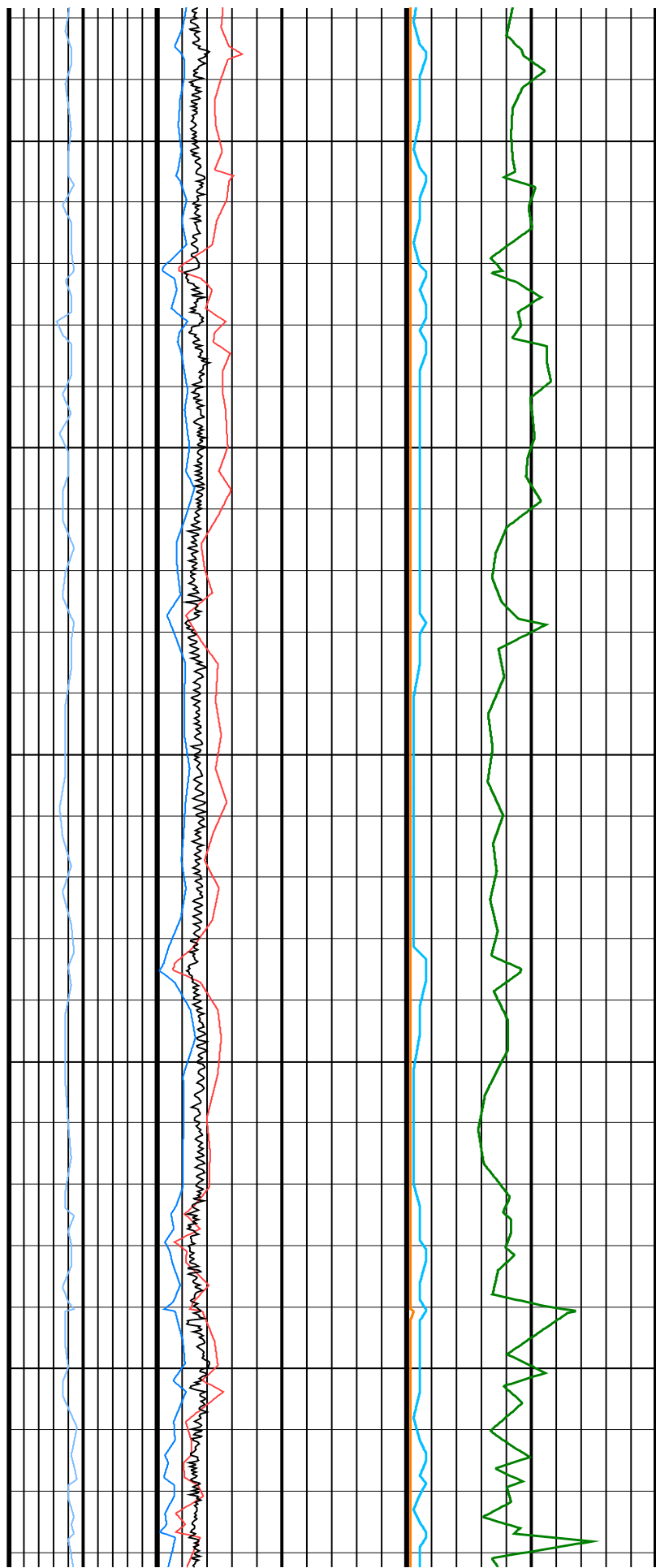


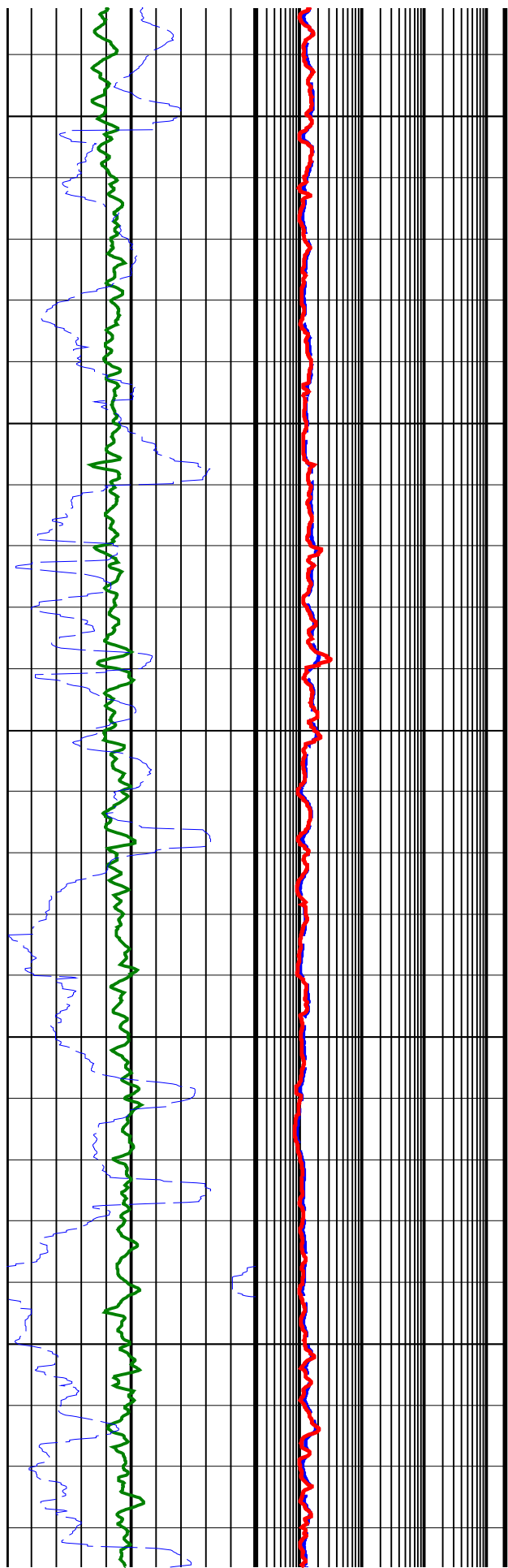


850

900

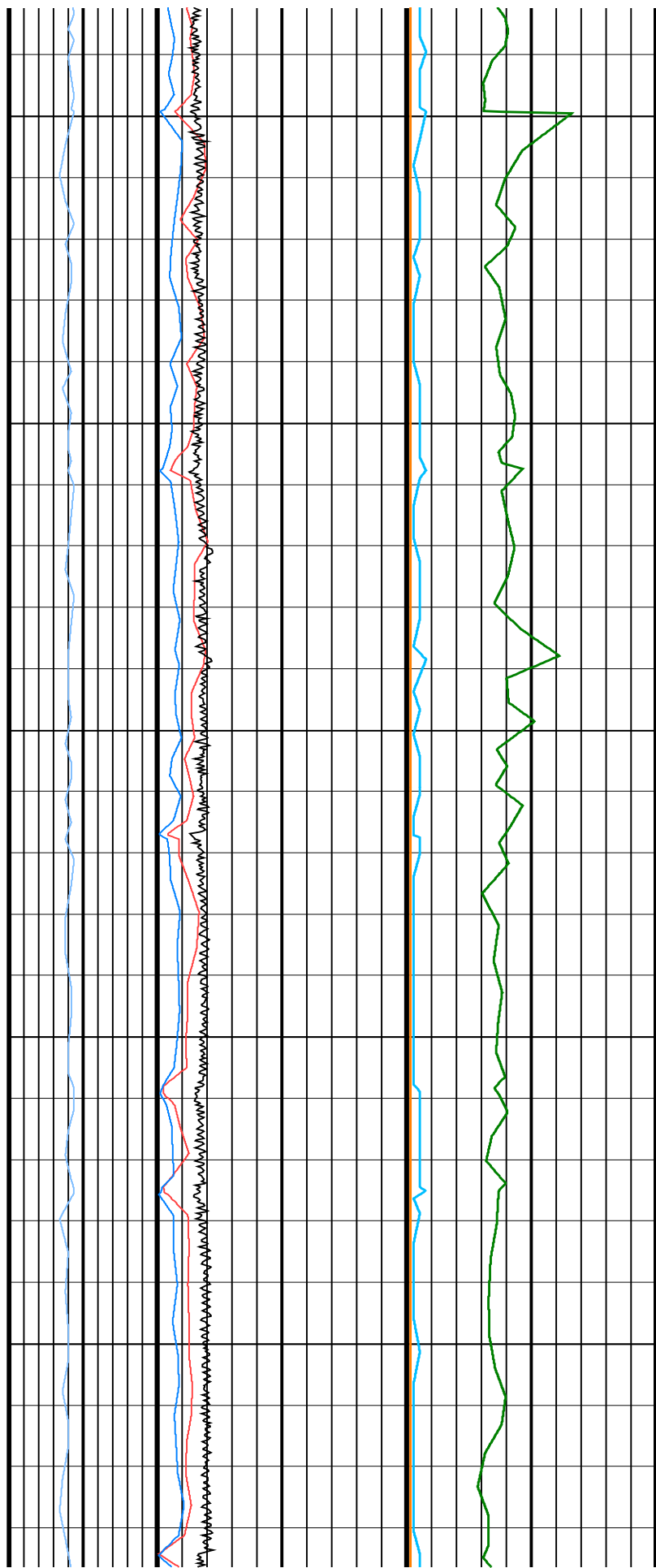
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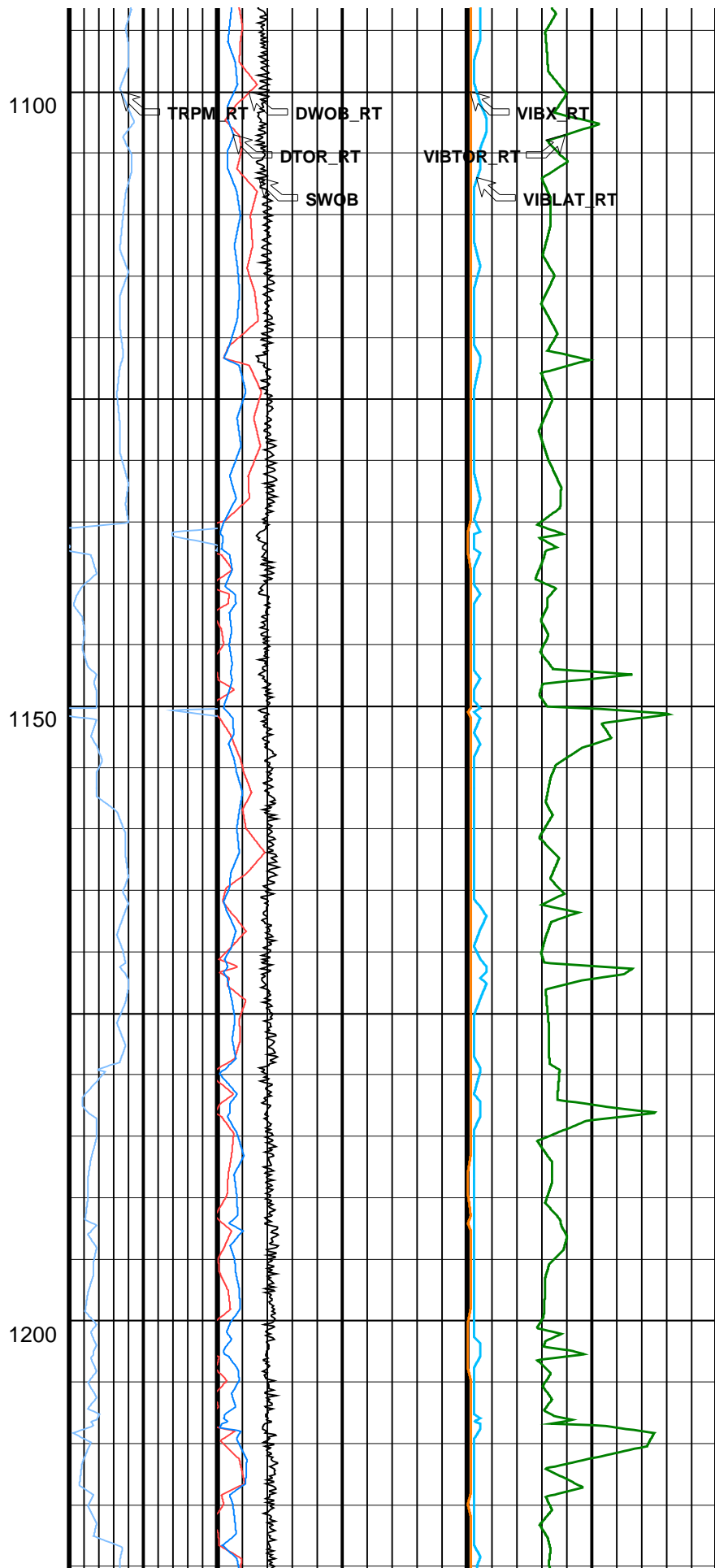
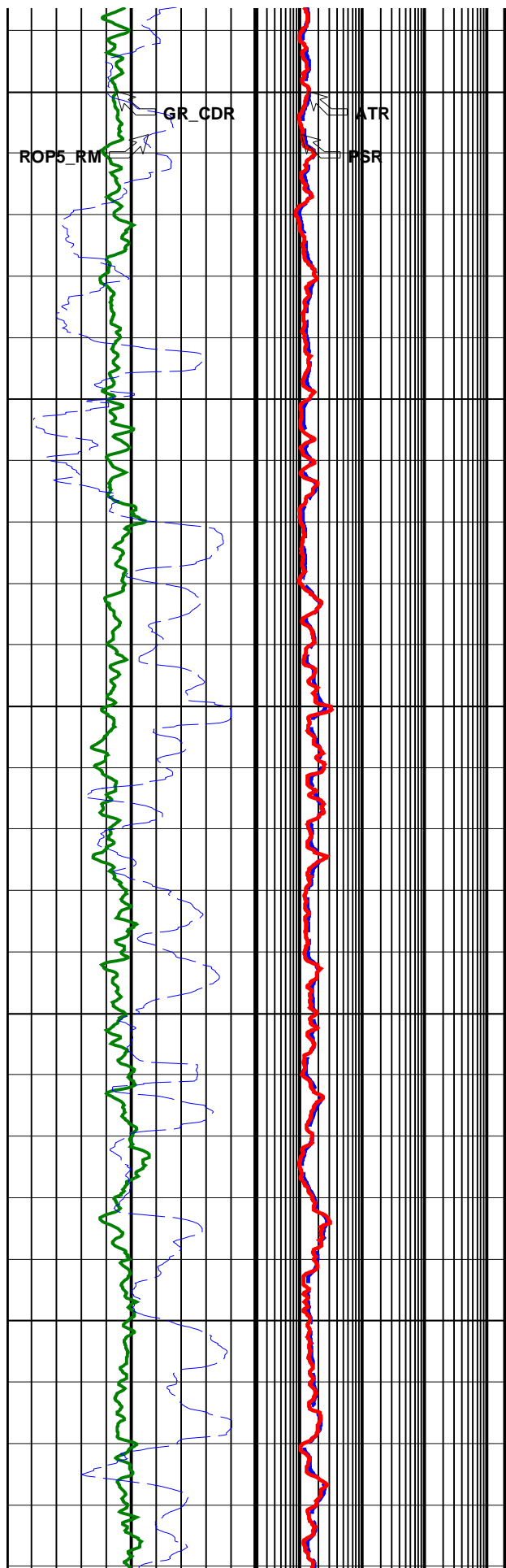


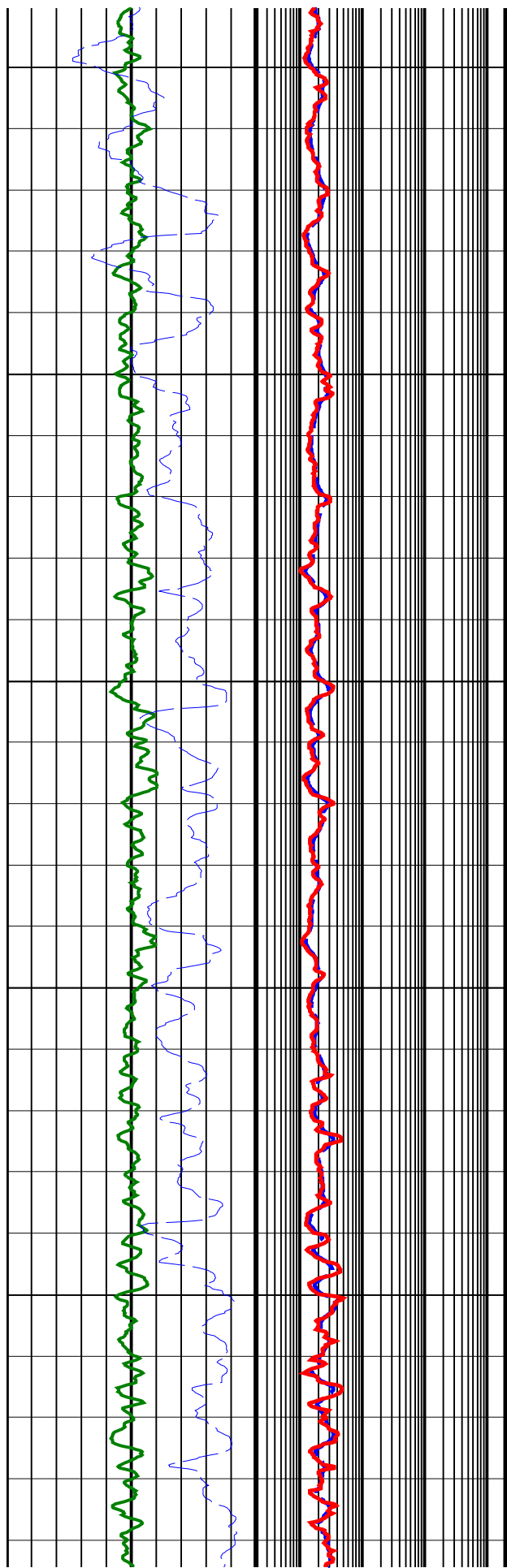


1000

1050

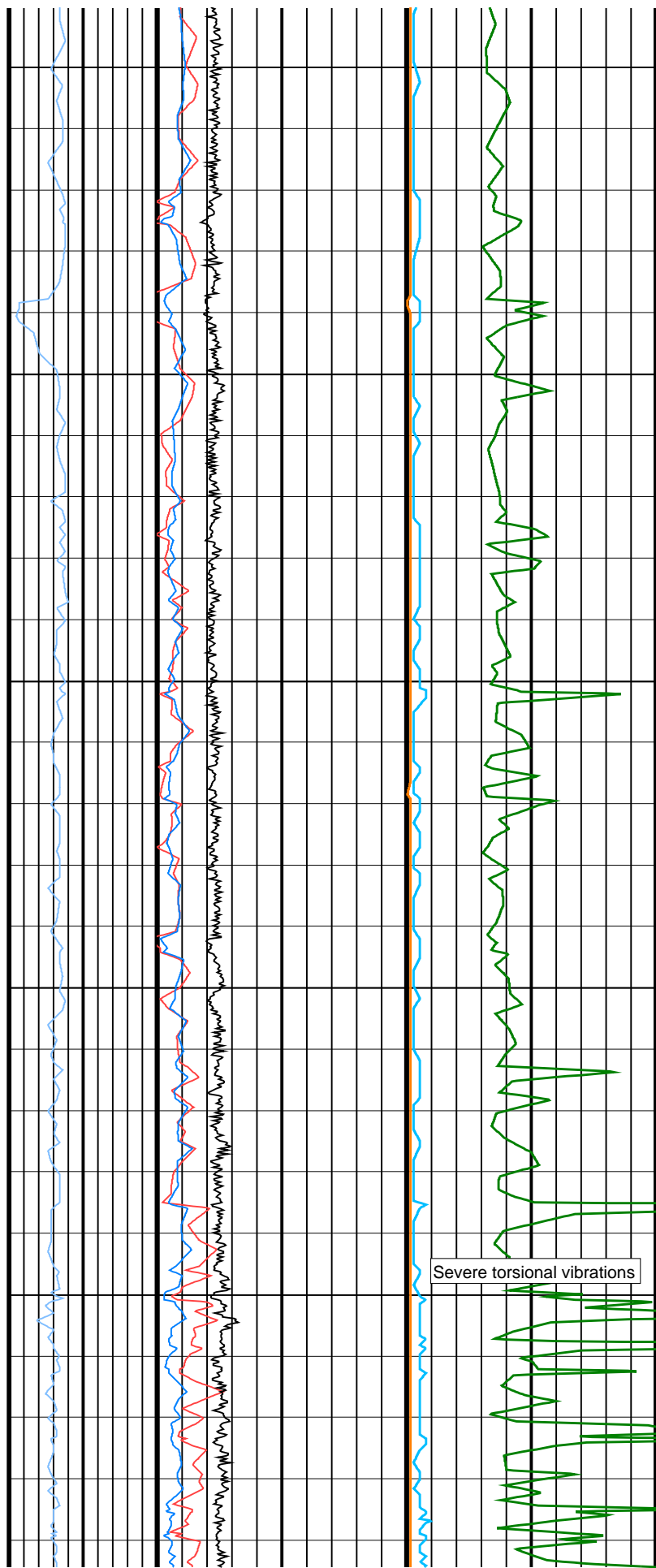


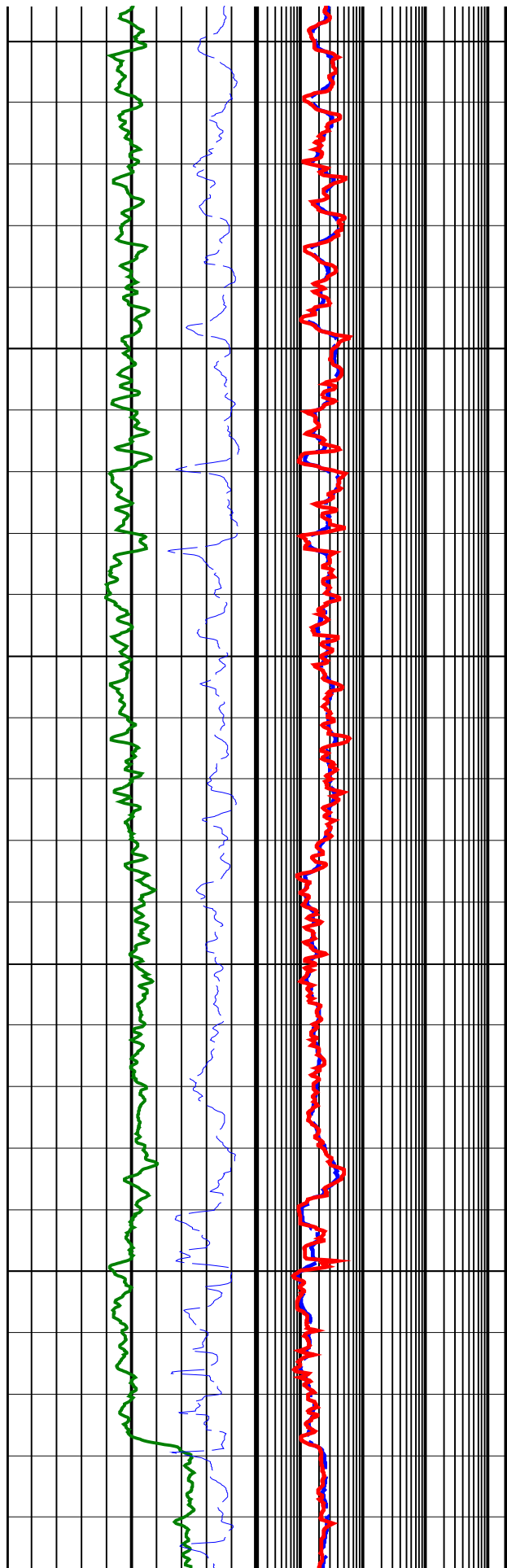




1250

1300

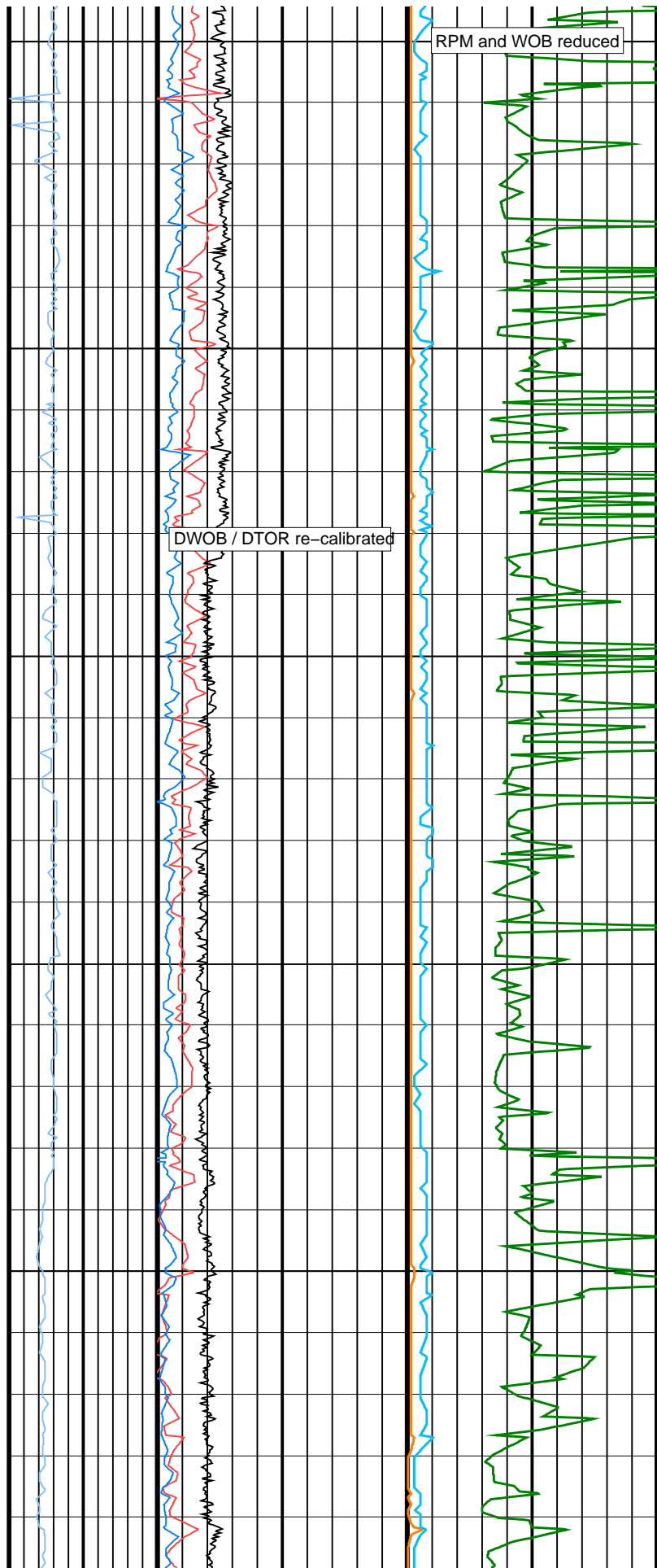


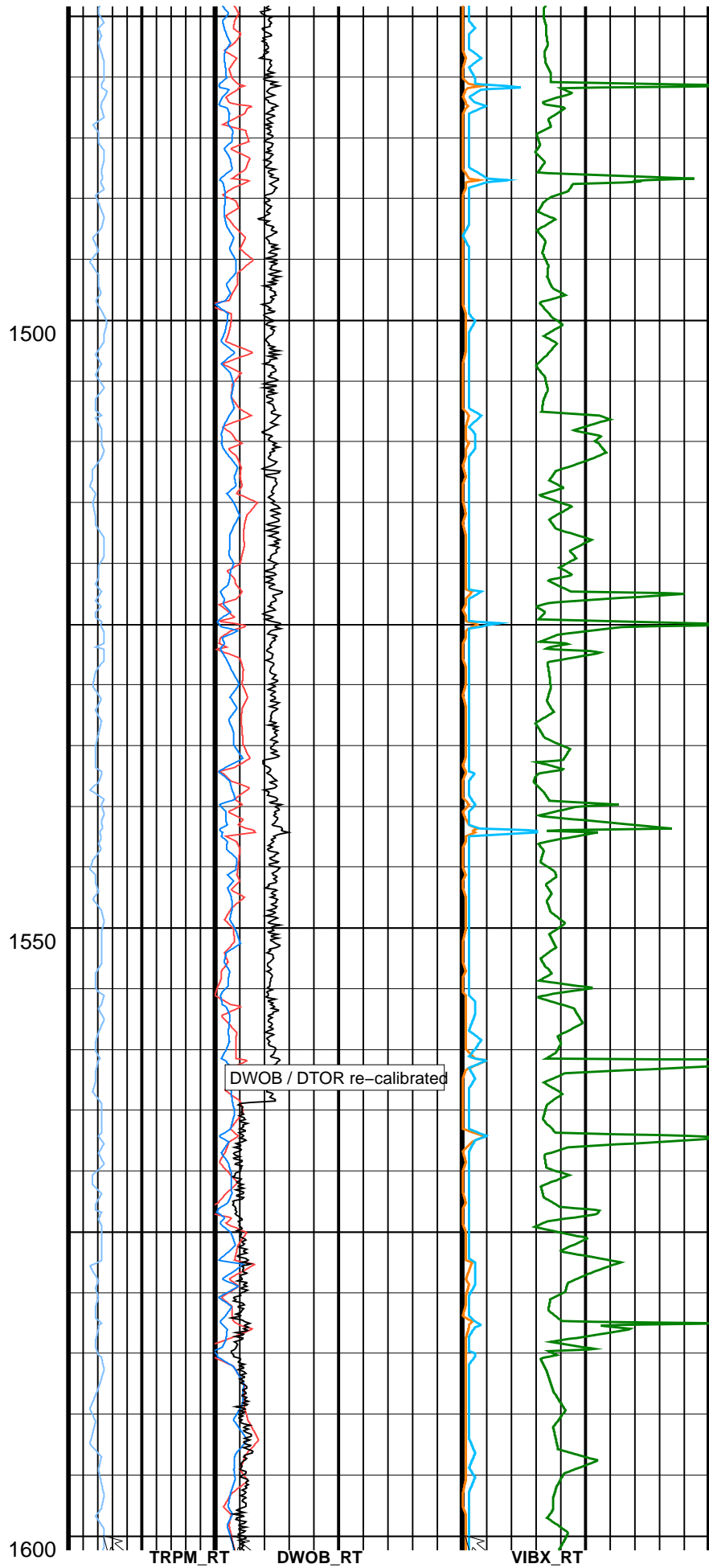
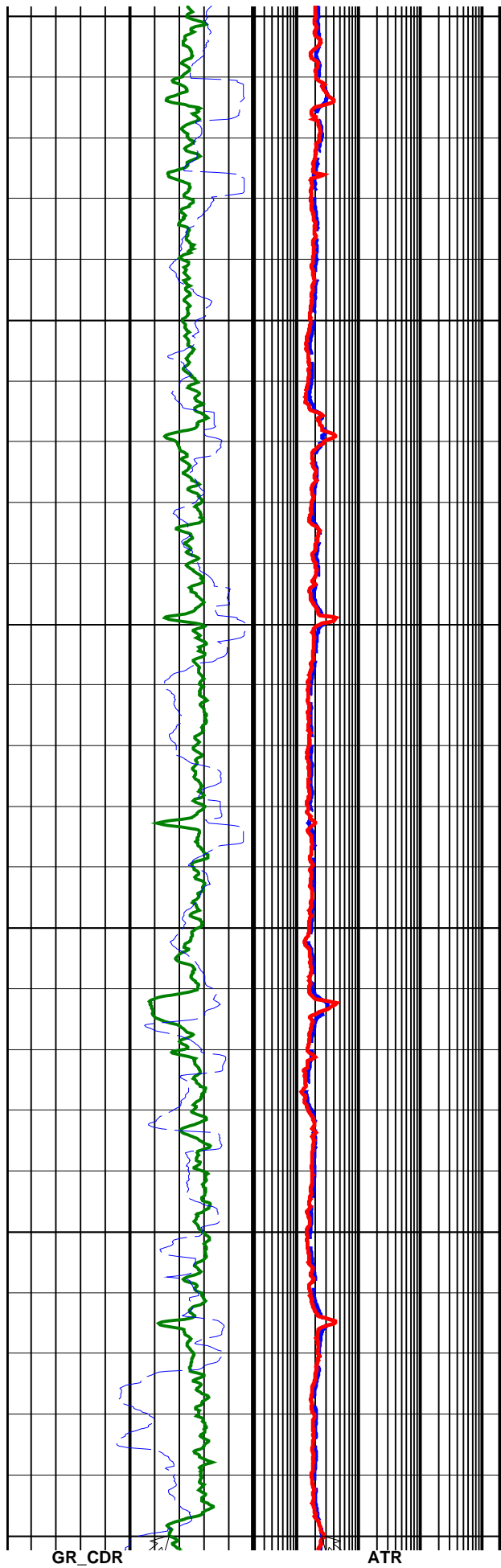


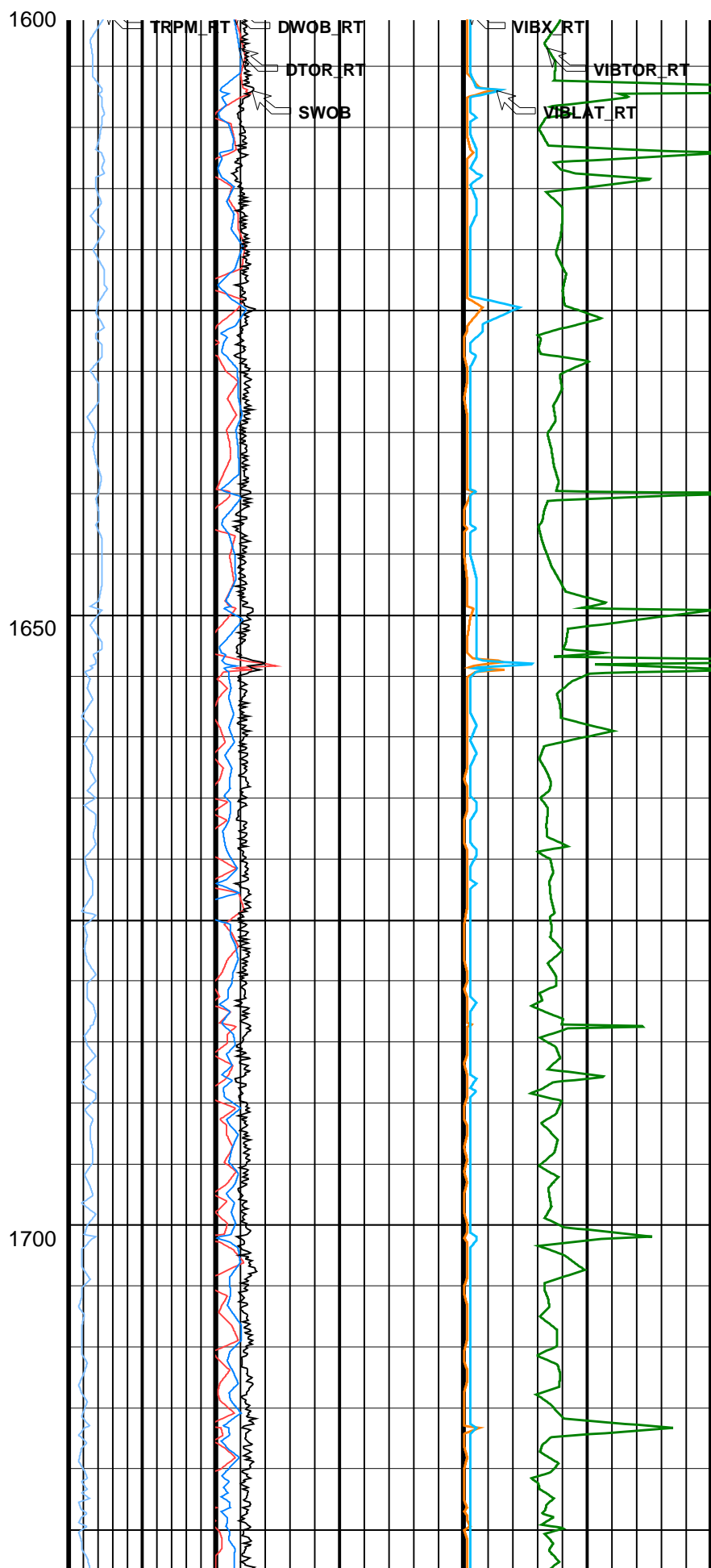
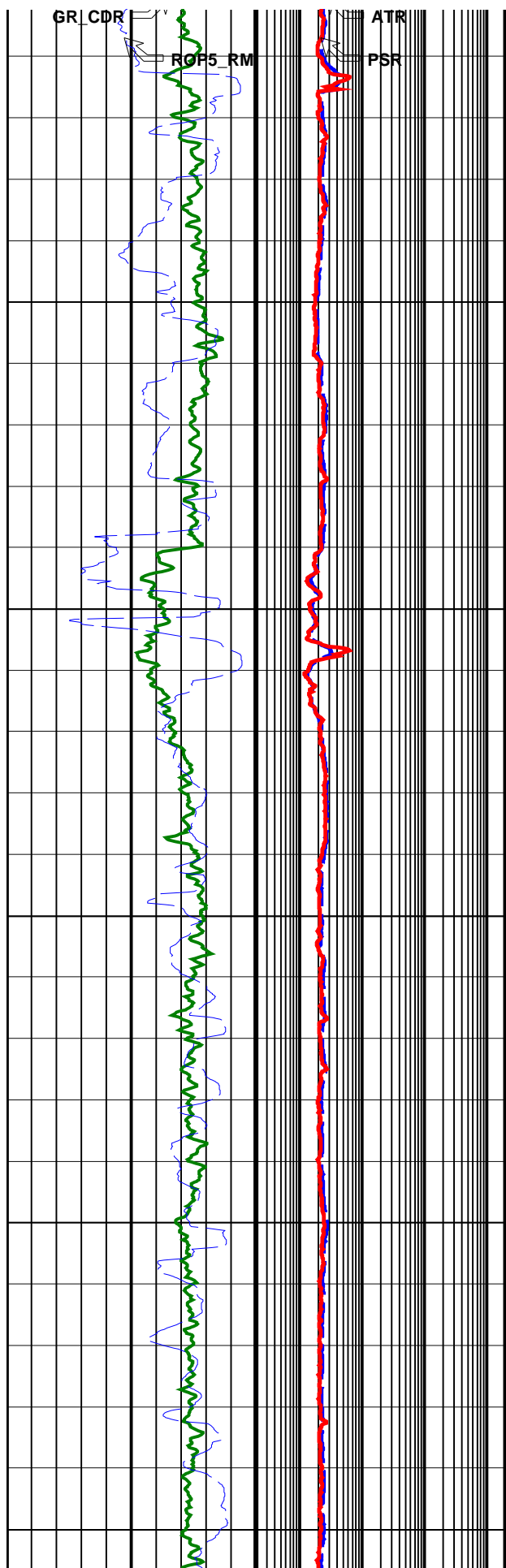
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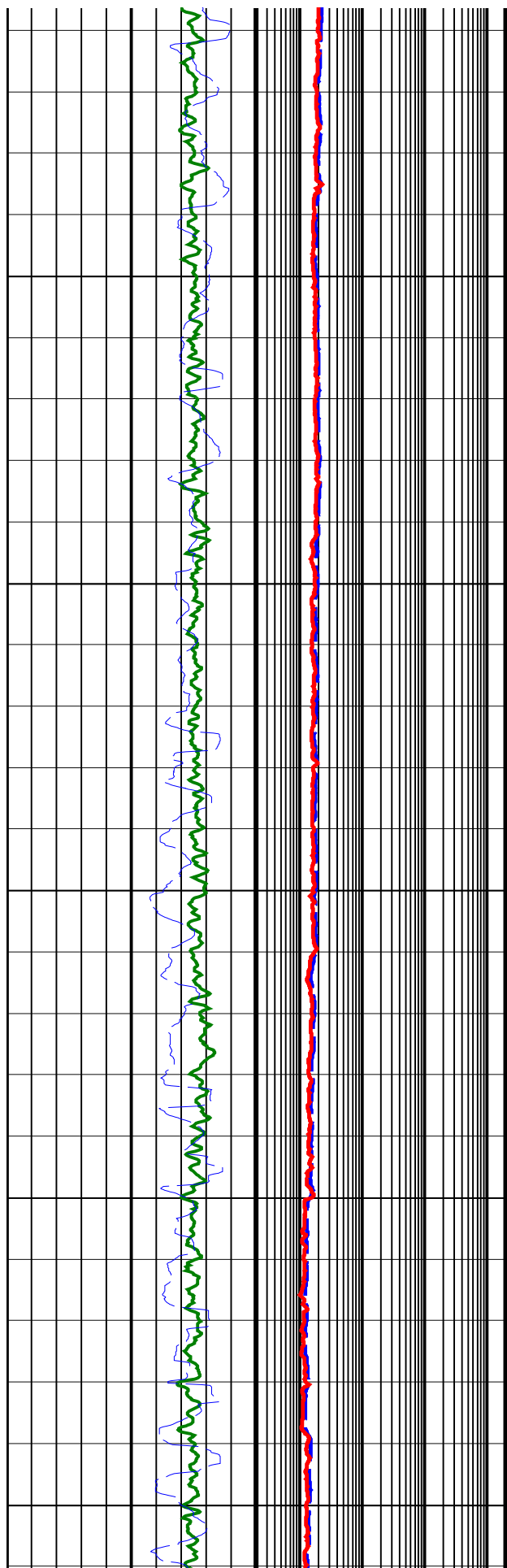
1400

1450





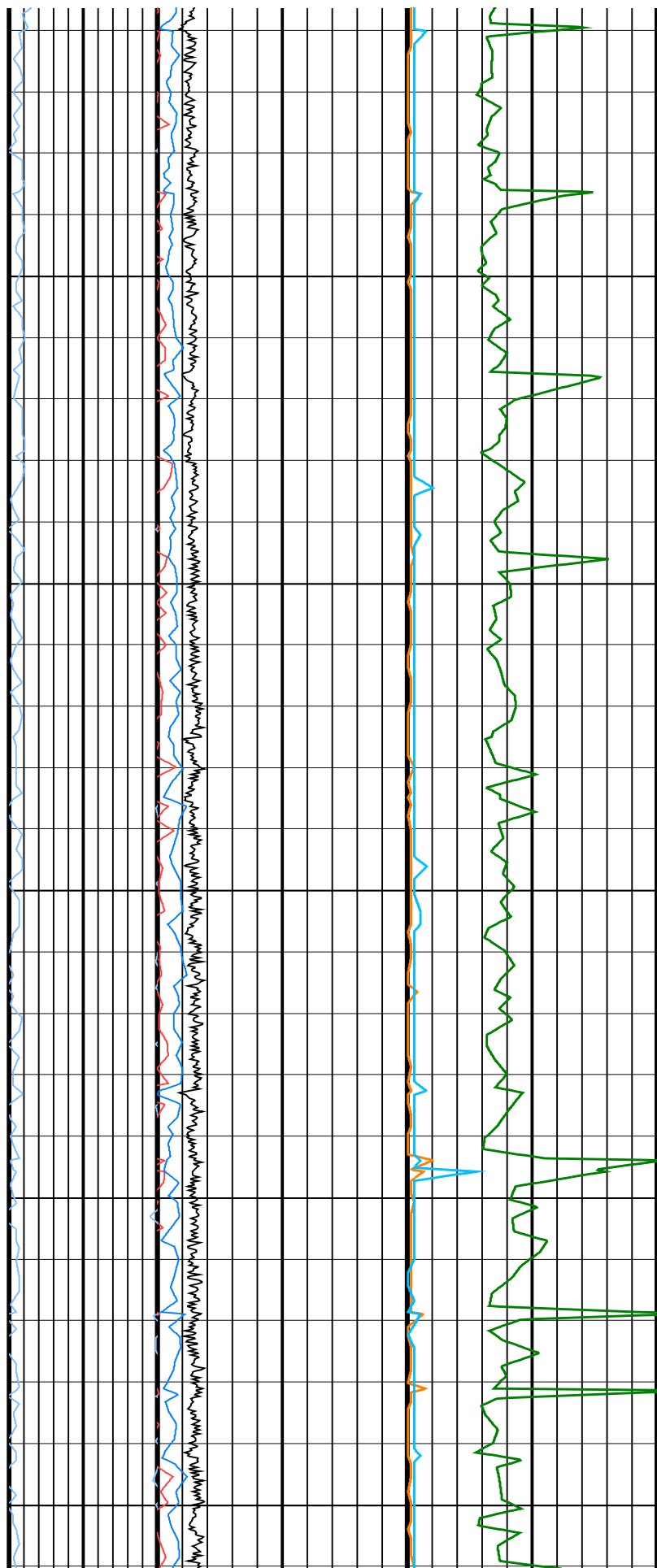


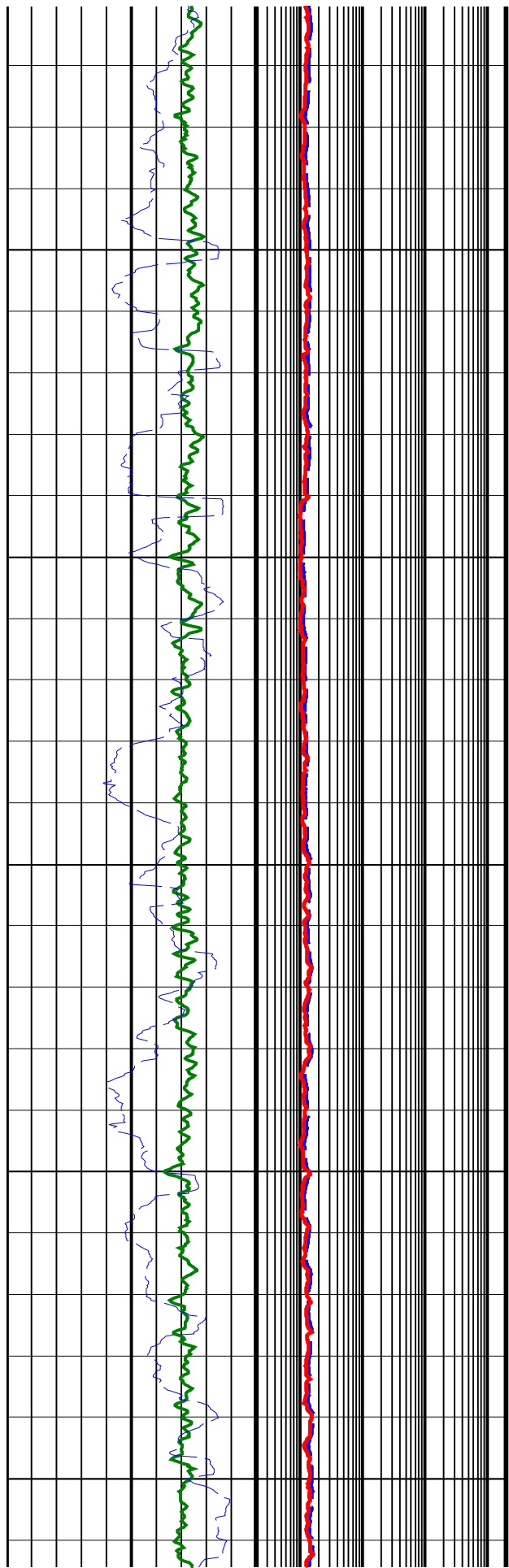


1750

1800

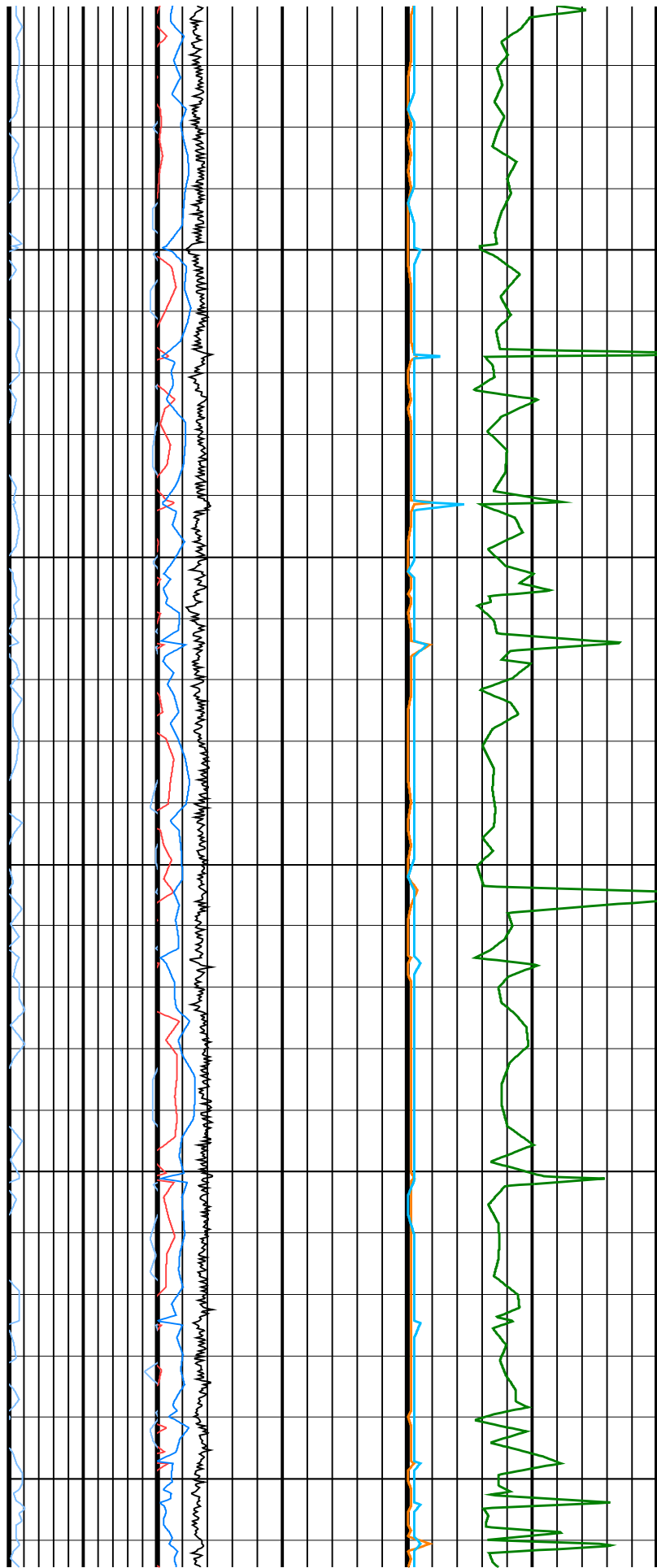
1850

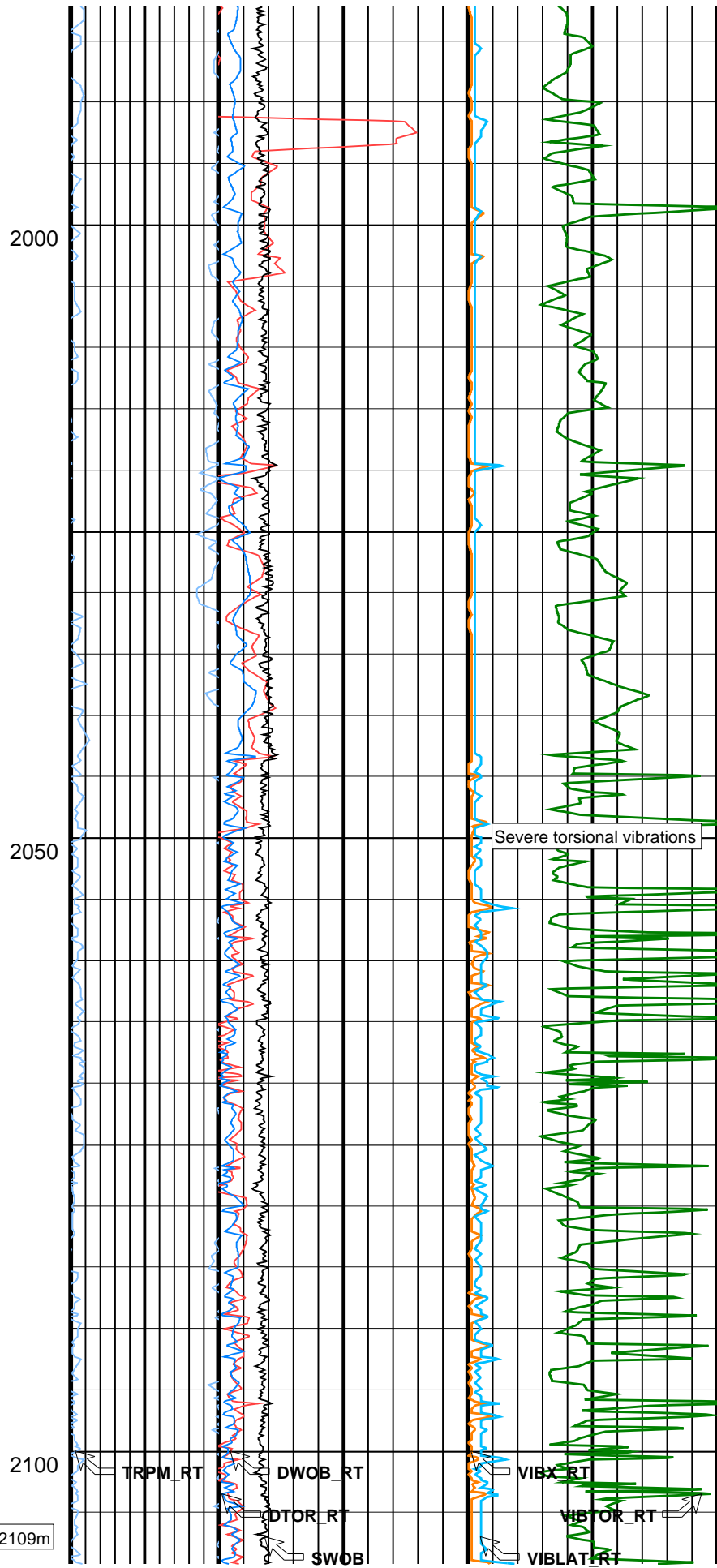
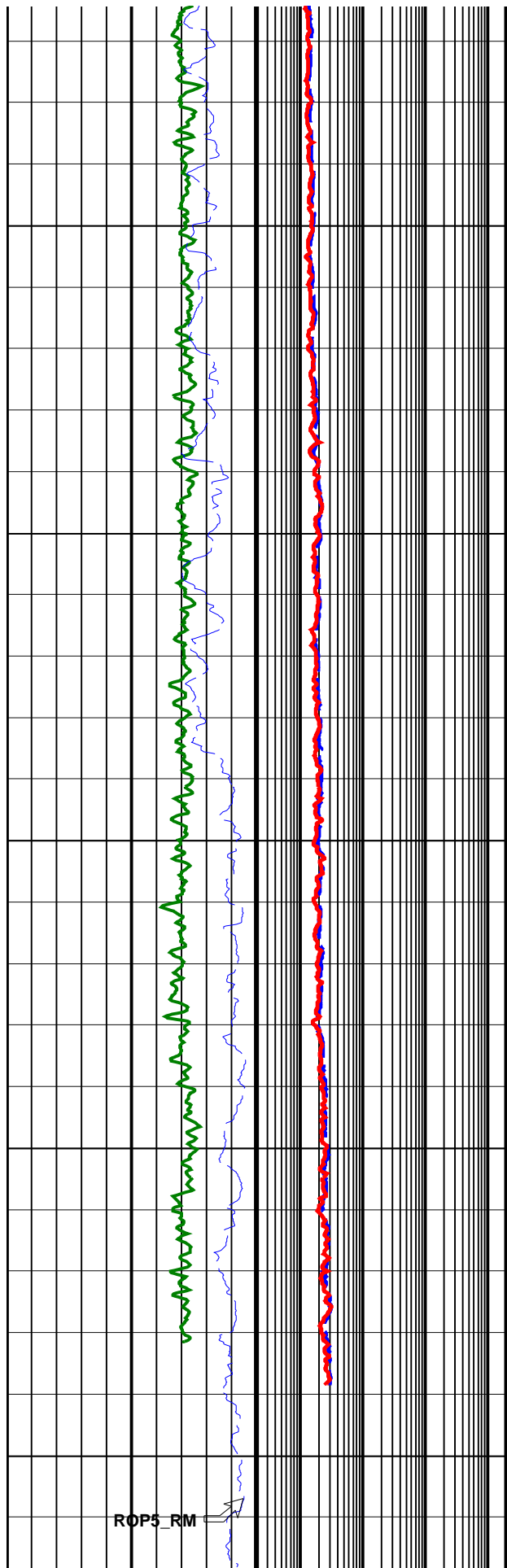




1900

1950






CDR Gamma Ray (GR_CDR)			Attenuation Resistivity (ATR)			TUR_RPM (TRPM_RT) (RPM)		SWOB (SWOB_RT) (KDN)		VIBLAT_RT		MWD Vib X-Axis (VIBX_RT)	
0	(GAPI)	200	0.2	(OHMM)	2000	1000	3000	0	50	0	(----	10	
Rate of Penetration, Averaged over Last 5ft (ROP5_RM)			Phase Shift Resistivity (PSR)			DTOR (DTOR_RT) (KMDN)		MWD Torsional Vib (VIBTOR_RT)					
200	(M/HR)	0	0.2	(OHMM)	2000	0	10	0	10	0	(----	2500	
						SWOB (SWOB)		MWD Lateral Vib (VIBLAT_RT)					
						0	(KDN)	50	0	(----	10		

8.25-in. Compensated Dual Resistivity / Equipment Identification			
Primary Equipment:			
Tool Name and Serial Number		CDR8 – AA	8134
Gamma Ray Type		Plat – GR	
Calibration Status		Valid	

Master: 19-JUL-2001 12:00											
8.25-in. Compensated Dual Resistivity Calibration											
Resistivity: Air											
Phase	Attenuation down DB		Value	Phase	Attenuation up DB		Value	Phase	BHC attenuation DB		Value
Master			4.931	Master			5.008	Master			4.970
	4.400	5.000	5.600		4.400	5.000	5.600		4.900	5.000	5.100
	(Minimum)	(Nominal)	(Maximum)		(Minimum)	(Nominal)	(Maximum)		(Minimum)	(Nominal)	(Maximum)

Master: 19-JUL-2001 12:00											
8.25-in. Compensated Dual Resistivity Calibration											
Resistivity: Air											
Phase	Phase shift down DEG		Value	Phase	Phase shift up DEG		Value	Phase	BHC phase shift DEG		Value
Master			0.3130	Master			0.02900	Master			0.1710
	-2.400	0.1000	2.600		-2.400	0.1000	2.600		-0.9000	0.1000	1.100
	(Minimum)	(Nominal)	(Maximum)		(Minimum)	(Nominal)	(Maximum)		(Minimum)	(Nominal)	(Maximum)

Master: 19-JUL-2001 12:00			
8.25-in. Compensated Dual Resistivity Calibration			
Gamma Ray: Blanket			
Phase	Gain		Value
Master			1.005
	0.8000 (Minimum)	1.000 (Nominal)	1.200 (Maximum)

ANADRILL			
SCHLUMBERGER			
Survey report		2-Sep-2001 05:08:50	Page 1 of 2
Client.....: Woodside Energy Limited			
Field.....: Otway Basin			
Well.....: Thylacine-2			
API number.....:			
Engineer.....: L.Muskett, O.Radicevic			
STATE:.....: Tasmania			
----- Survey calculation methods-----			
Method for positions.....: Minimum curvature			
Method for DLS.....: Mason & Taylor			
----- Geomagnetic data -----			
Magnetic model.....: BGGM version 2000			
Magnetic date.....: 28-Aug-2001			
Magnetic field strength..: 1224.35 HCNT			

Method for DLS.....: Mason & Taylor

----- Depth reference -----

Permanent datum.....: Lowest Astronomical Tide

Depth reference.....: Driller's Depth

GL above permanent: -101.00 m

KB above permanent.....: 25.00 m

DF above permanent.....: 25.00 m

----- Vertical section origin-----

Latitude (+N/S-).....: 0.00 m

Departure (+E/W-).....: 0.00 m

----- Platform reference point-----

Latitude (+N/S-).....: 0.00 m

Departure (+E/W-).....: 0.00 m

Azimuth from rotary table to target: 0.00 degrees

Magnetic date.....: 28-Aug-2001

Magnetic field strength..: 1224.35 HCNT

Magnetic dec (+E/W-).....: 11.05 degrees

Magnetic dip.....: -70.39 degrees

----- MWD survey Reference Criteria -----

Reference G.....: 1000.12 mGal

Reference H.....: 1224.35 HCNT

Reference Dip.....: -70.39 degrees

Tolerance of G.....: (+/-) 2.50 mGal

Tolerance of H.....: (+/-) 6.00 HCNT

Tolerance of Dip.....: (+/-) 0.45 degrees

----- Corrections -----

Magnetic dec (+E/W-).....: 11.05 degrees

Grid convergence (+E/W-)..: -1.17 degrees

Total az corr (+E/W-).....: 12.22 degrees

(Total az corr = magnetic dec - grid conv)

Sag applied (Y/N).....: No degree: 0.00

[(c)2001 Anadrill IDEAL ID6_1C_03]

ANADRILL SCHLUMBERGER Survey Report

2-Sep-2001 05:08:50

Page 2 of 2

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/ 10m)	Srvy tool type	Tool qual type
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIP	-
2	126.00	0.00	0.00	126.00	126.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD	-
3	595.50	0.59	190.42	469.50	595.49	-2.38	-2.38	-0.44	2.42	190.42	0.01	MWD	6-axis
4	684.37	0.51	189.27	88.87	684.36	-3.22	-3.22	-0.58	3.27	190.28	0.01	MWD	6-axis
5	739.73	0.41	177.78	55.36	739.72	-3.66	-3.66	-0.62	3.71	189.55	0.02	MWD	6-axis
6	860.59	0.55	136.09	120.86	860.57	-4.51	-4.51	-0.20	4.51	182.50	0.03	MWD	6-axis
7	1093.36	0.27	141.66	232.77	1093.34	-5.74	-5.74	0.92	5.82	170.92	0.01	MWD	6-axis
8	1209.46	0.50	75.88	116.10	1209.43	-5.83	-5.83	1.58	6.04	164.85	0.04	MWD	6-axis
9	1384.16	0.64	113.39	174.70	1384.13	-6.04	-6.04	3.21	6.84	151.97	0.02	MWD	6-axis
10	1499.15	0.61	112.19	114.99	1499.11	-6.52	-6.52	4.37	7.85	146.18	0.00	MWD	6-axis
11	1528.39	0.59	99.50	29.24	1528.35	-6.61	-6.61	4.66	8.09	144.78	0.05	MWD	6-axis
12	1557.20	0.63	94.58	28.81	1557.16	-6.64	-6.64	4.97	8.29	143.21	0.02	MWD	6-axis
13	1702.37	0.89	105.20	145.17	1702.31	-7.00	-7.00	6.85	9.80	135.63	0.02	MWD	6-axis
14	1963.05	1.36	50.96	260.68	1962.95	-5.58	-5.58	11.21	12.52	116.49	0.04	MWD	6-axis
15	2082.91	1.02	4.82	119.86	2082.78	-3.63	-3.63	12.40	12.92	106.30	0.08	MWD	6-axis
16	2109.00	1.02	4.82	26.09	2108.87	-3.16	-3.16	12.44	12.84	104.26	0.00	MWD	PROJECTION

[(c)2001 Anadrill IDEAL ID6_1C_03]

Company: Woodside Energy Limited

Well: Thylacine-2

Field: Permit T/30P

Rig: Ocean Bounty

State: Tasmania

IDEAL services from Anadrill

Drilling Mechanics Log
1:200 Measured Depth
Realtime / Recorded Mode

Schlumberger