



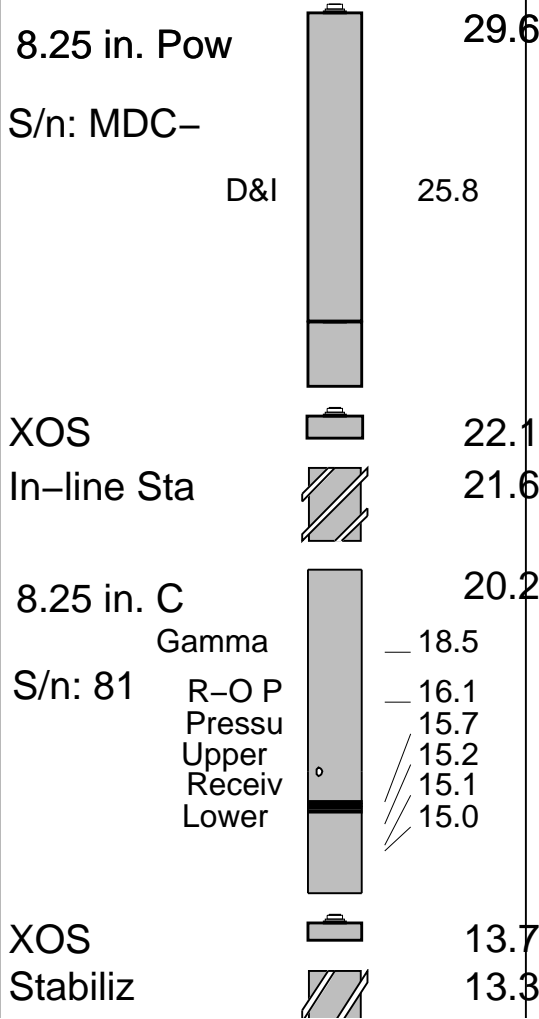
EQUIPMENT DESCRIPTION

RUN1

RUN

RUN

DOWNHOLE EQ





**Environmental data**

<b>GR</b>											
Mud weight	sg	1.15									
Bit size	in.	12.25									
<b>Resistivity</b>											
<b>Neutron porosity</b>											
Hole Size		n/a									
Mud weight		n/a									
Temperature		n/a									
Mud salinity		n/a									
Formation salinity		n/a									
Recording rate 1	SEC	6 sec	GR								
Recording rate 2	SEC	6 sec	RES								
Filtering GR		3 point									
Filtering density											
Filtering Neutron											
Company representative		D. Bell	M. Bilek	G. Westie							
Anadrill personnel		A. Abad	M. Saicic								

**IDEAL Version: ID6\_1C\_10**  
IDF

Format: CDRDepthLog Vertical Scale: 1:500

Graphics File Created: 30-Oct-2001 16:21

**Parameters**

DLIS Name	Description	Value
DO	Depth Offset	0.0 m

**PIP SUMMARY**

- └ CDR Gamma Ray Samples
- └ CDR Resistivity Samples

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

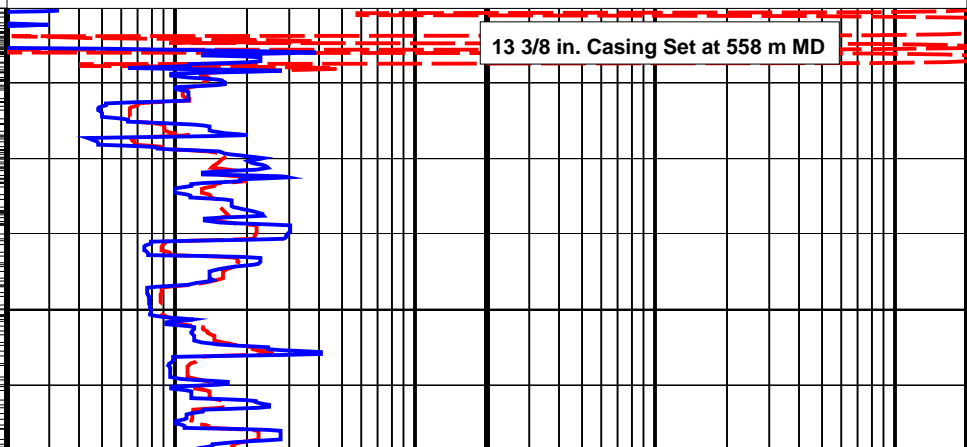
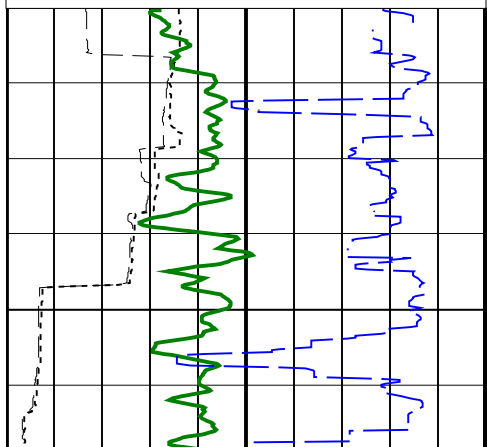
CDR Gamma Ray Time After Bit (TAB\_  
CDR\_GR)  
0 (HR) 10

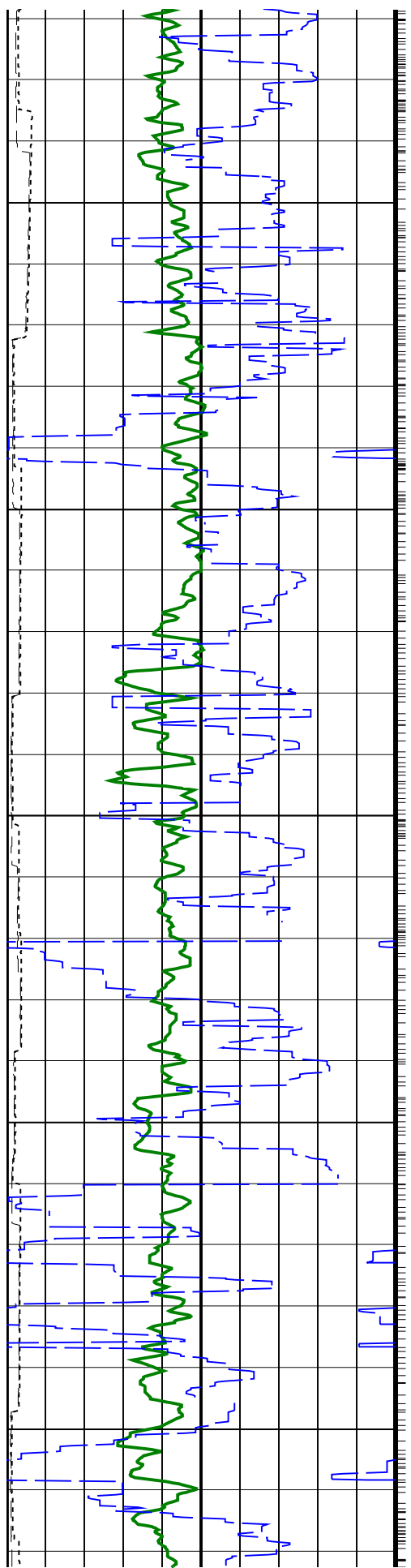
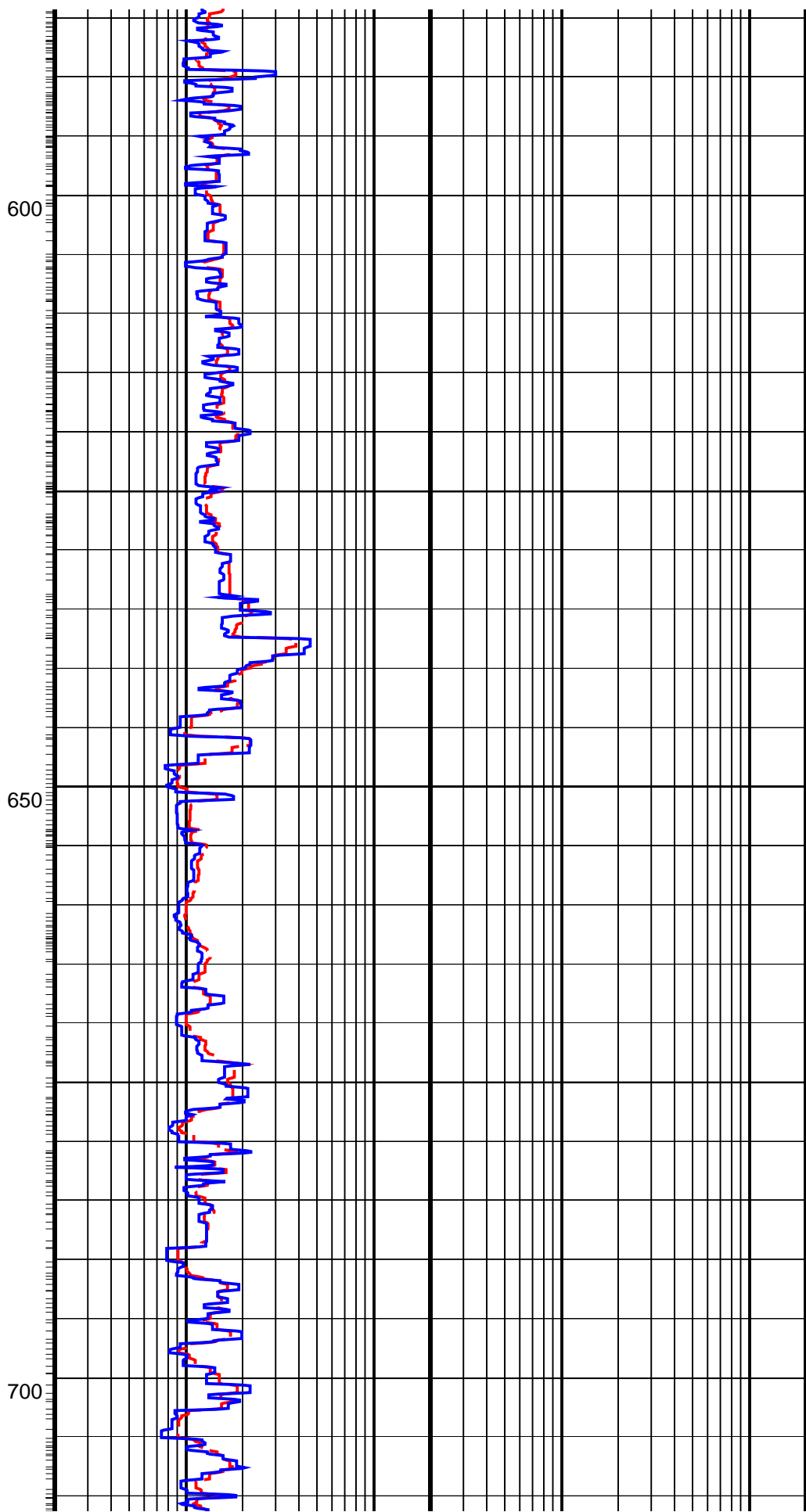
CDR Resistivity Time After Bit (TAB\_  
CDR\_RES)  
0 (HR) 10

Gamma Ray (GR\_CDR)  
0 (GAPI) 200

Phase Shift Resistivity (PSR)  
0.2 (OHMM) 2000

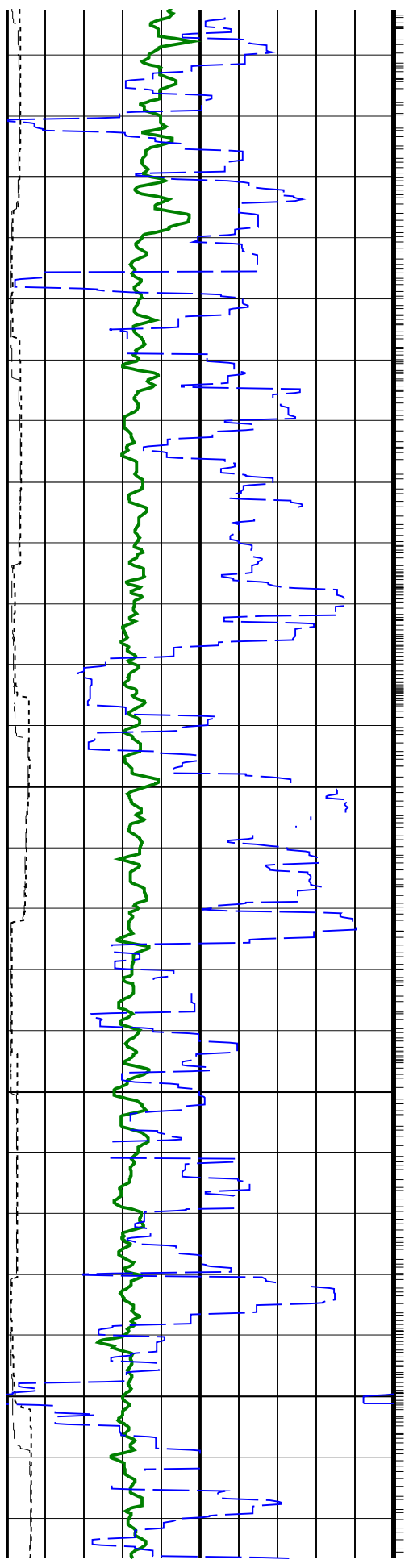
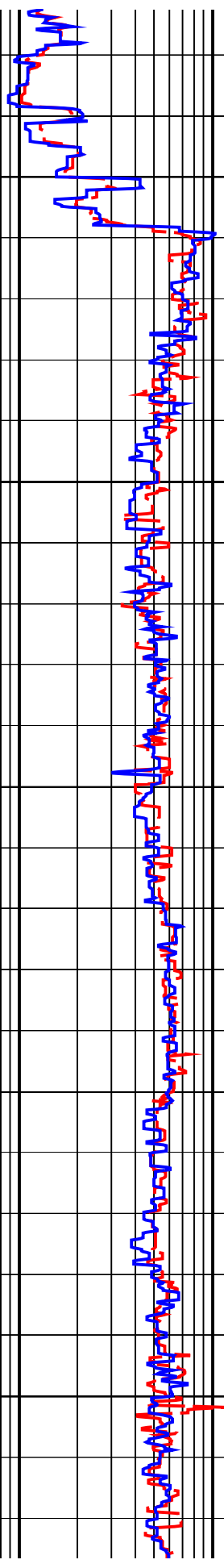
Attenuation Resistivity (ATR)  
0.2 (OHMM) 2000





750

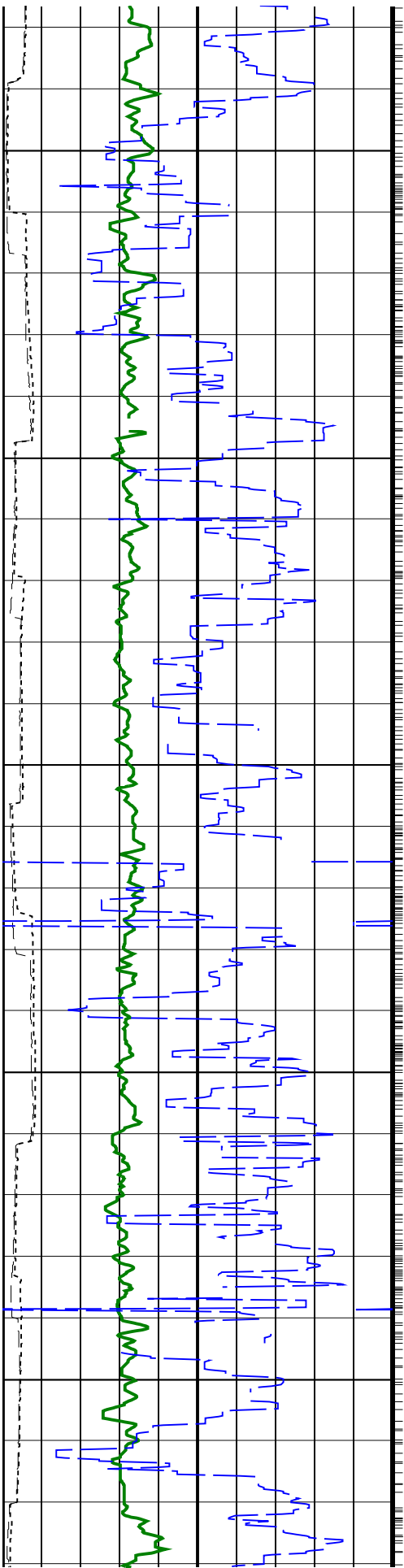
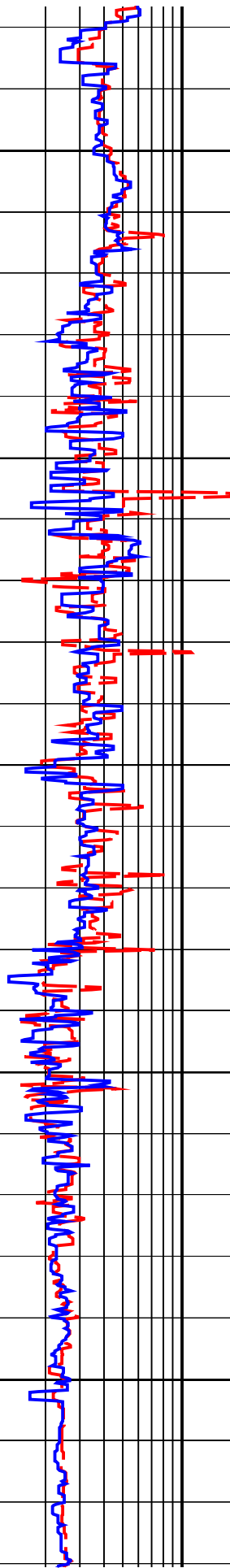
800



850

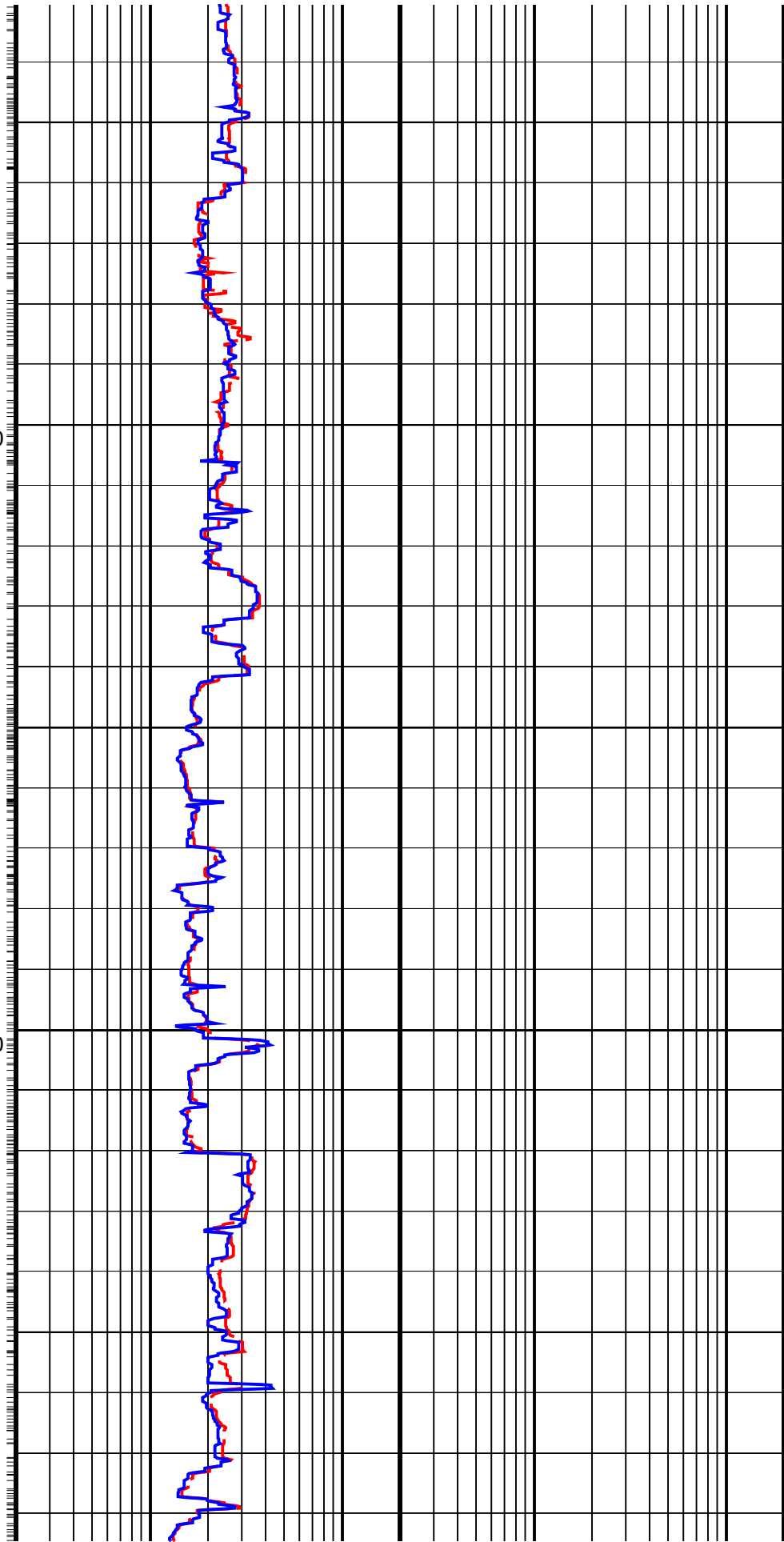
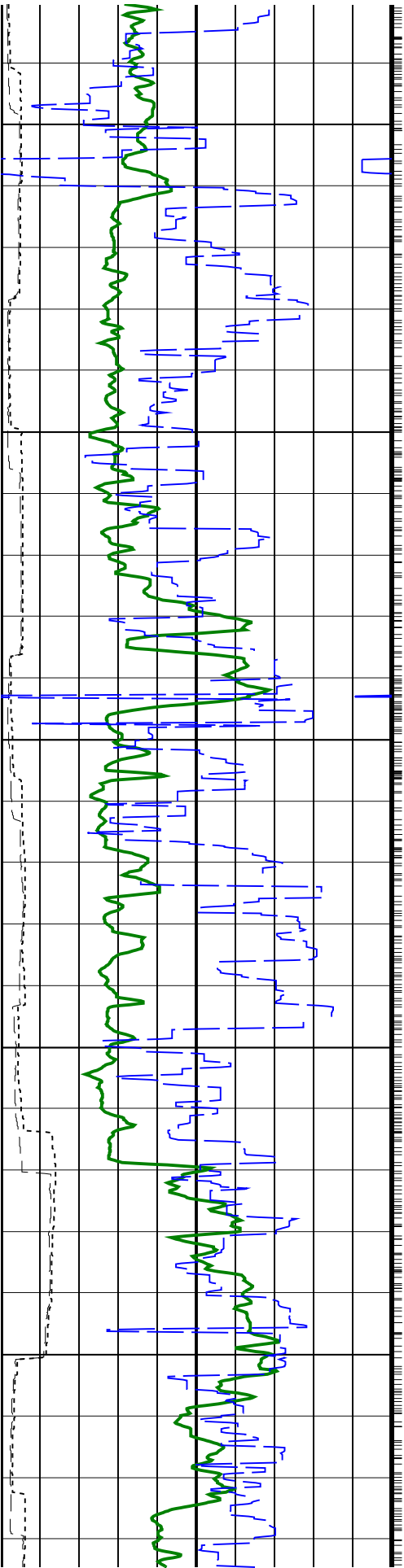
900

950

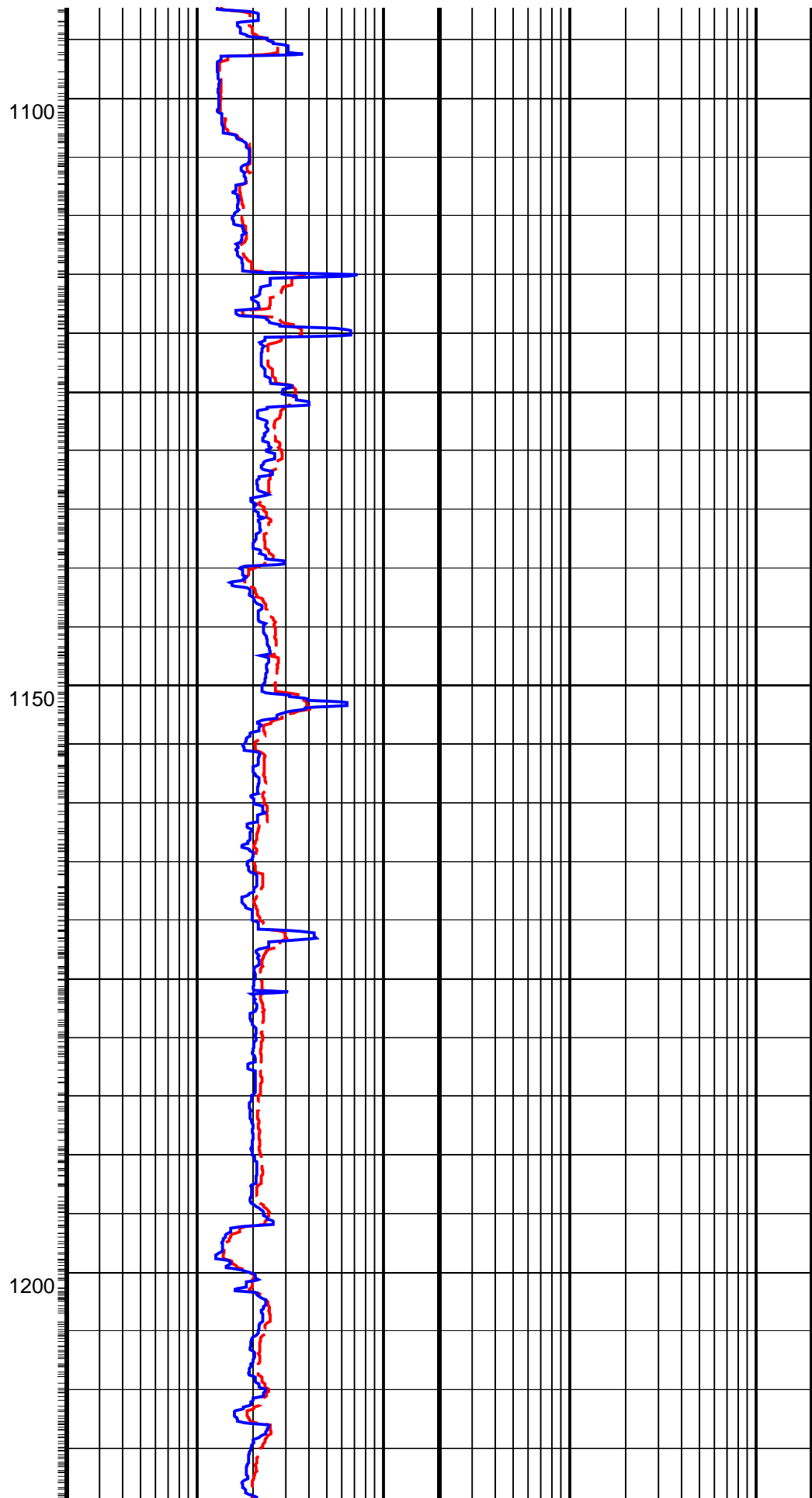
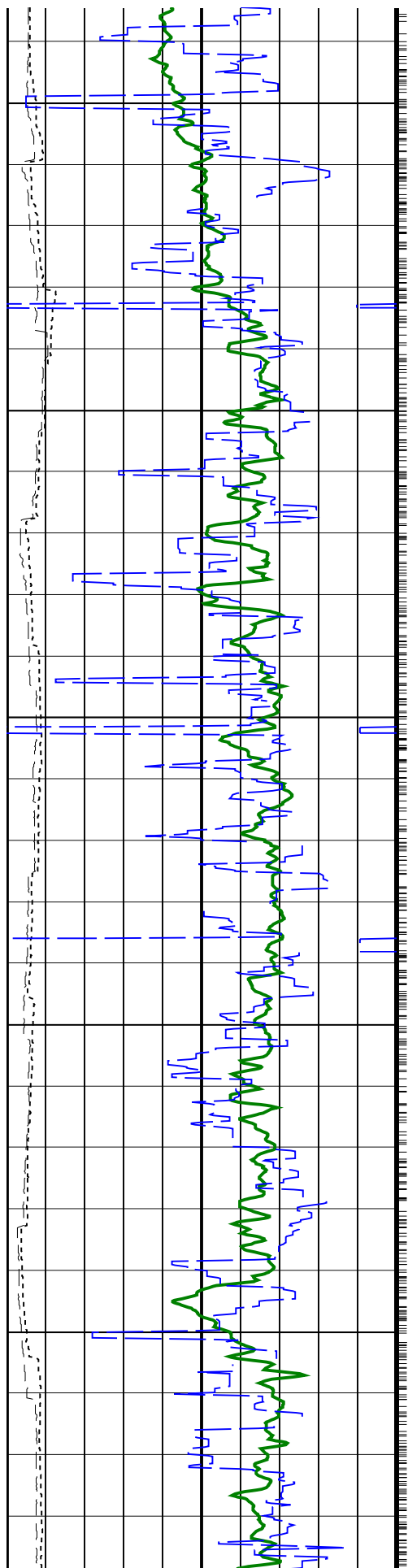


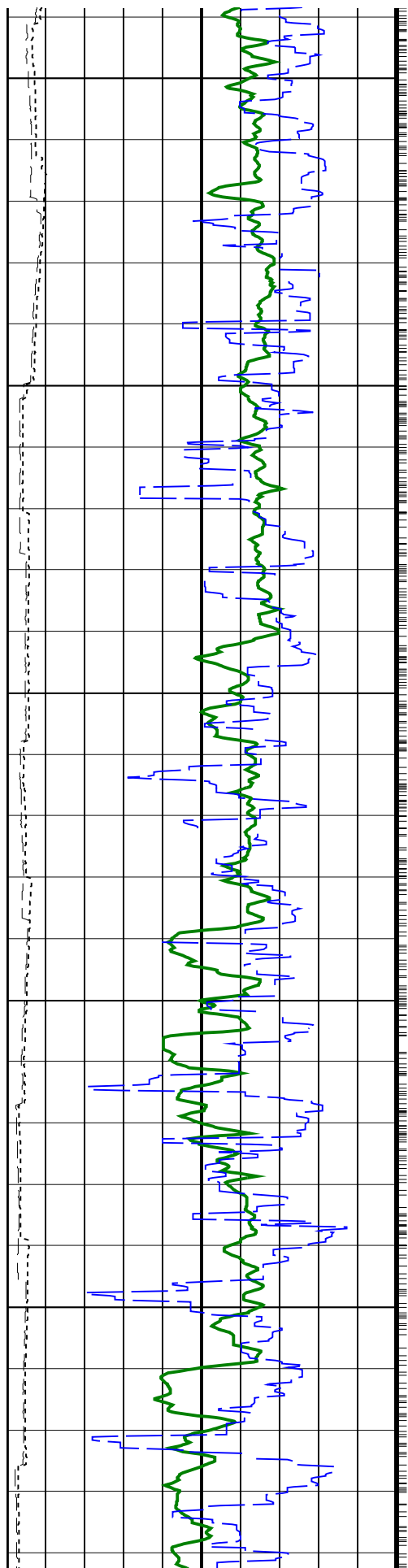
1000

1050



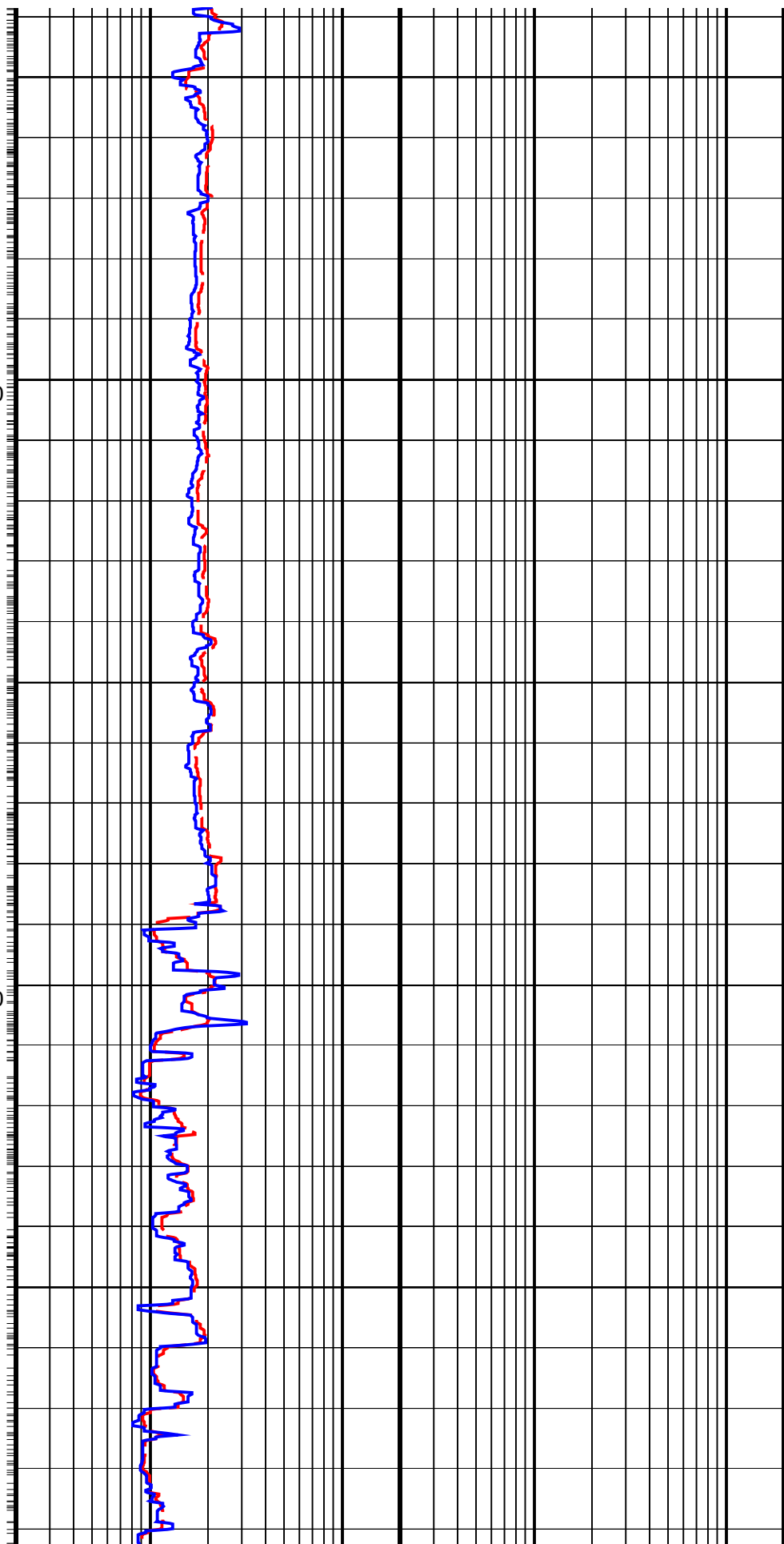


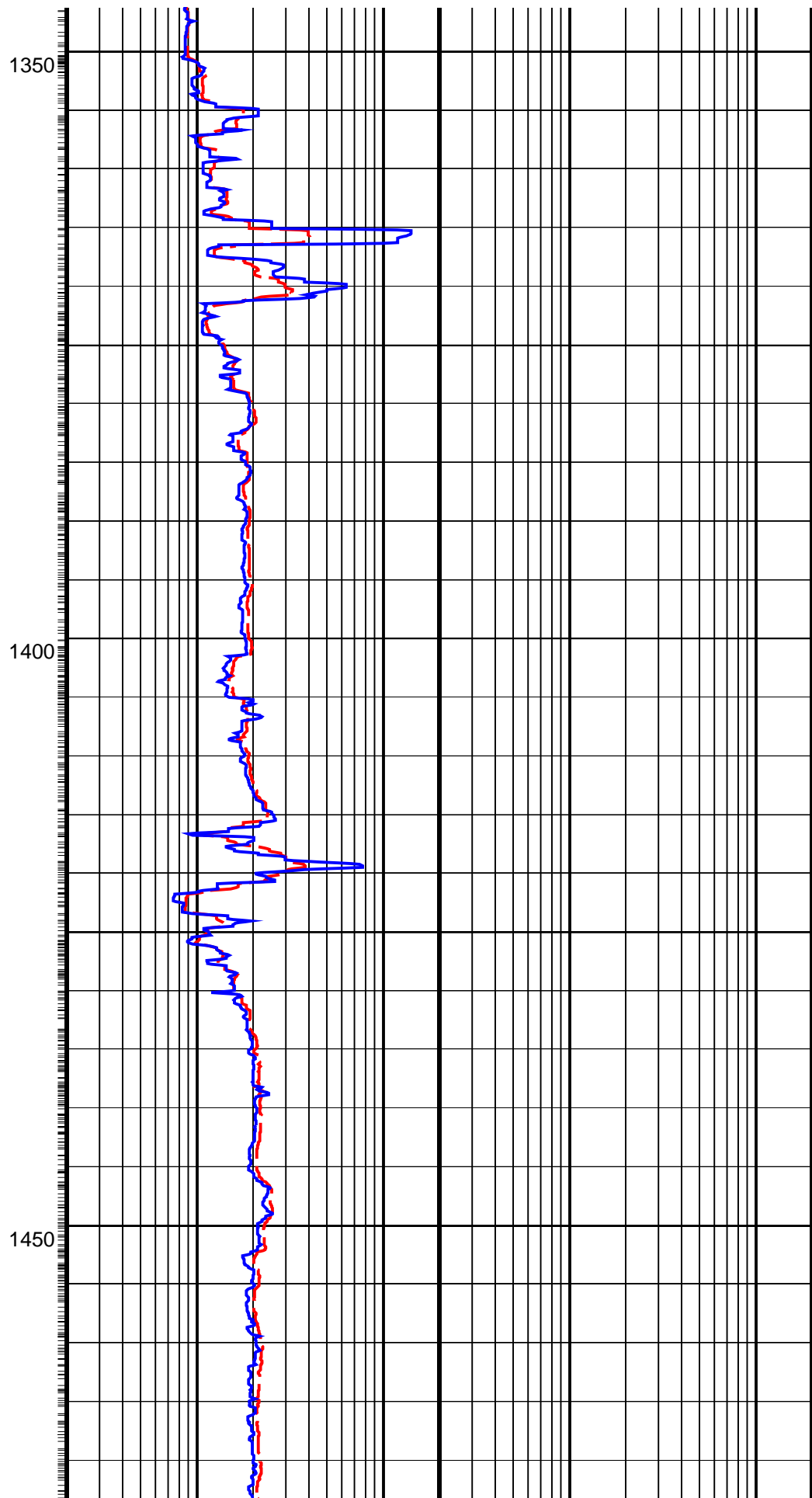
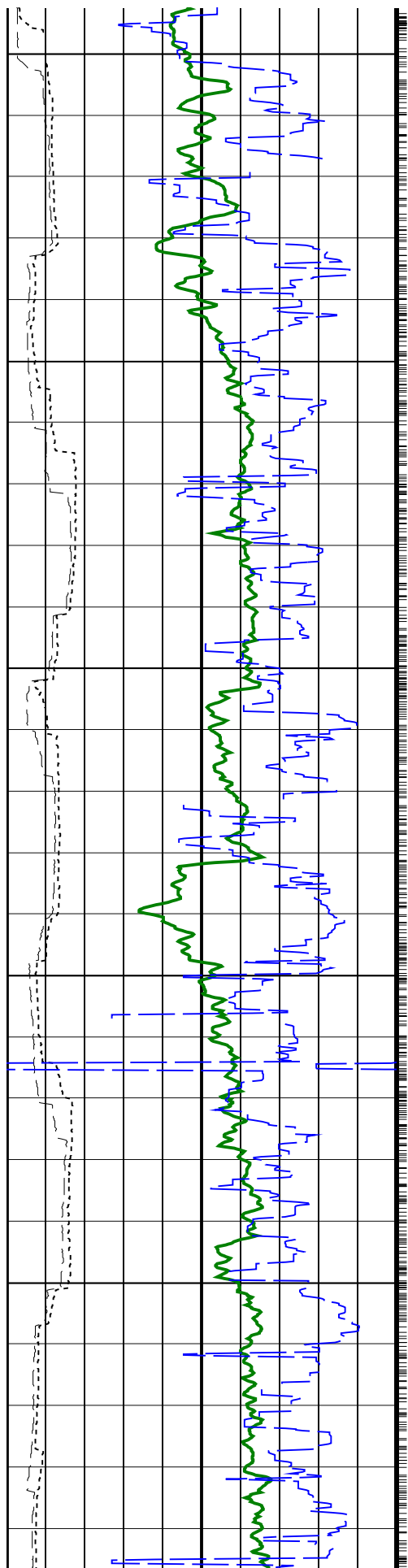


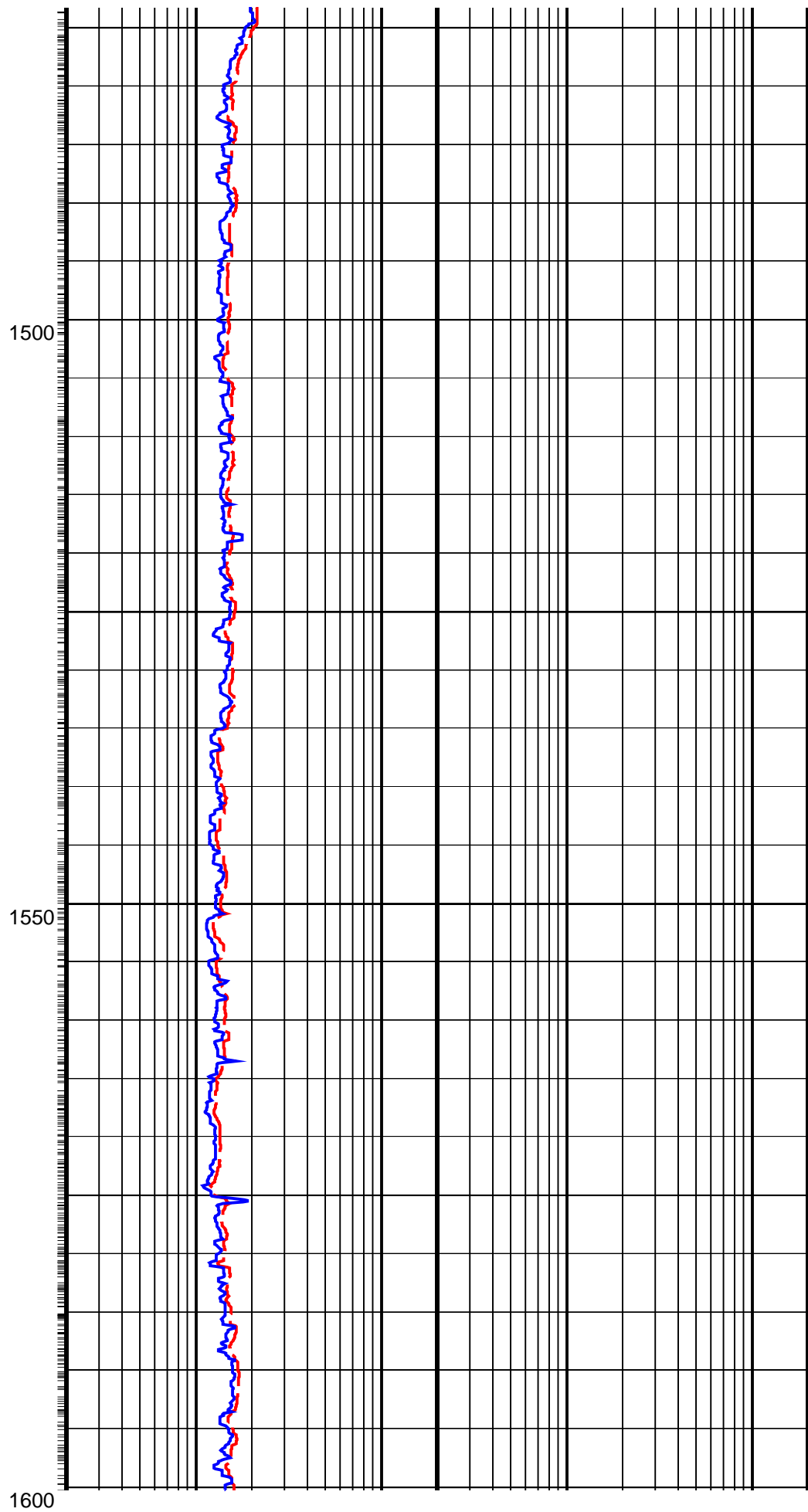
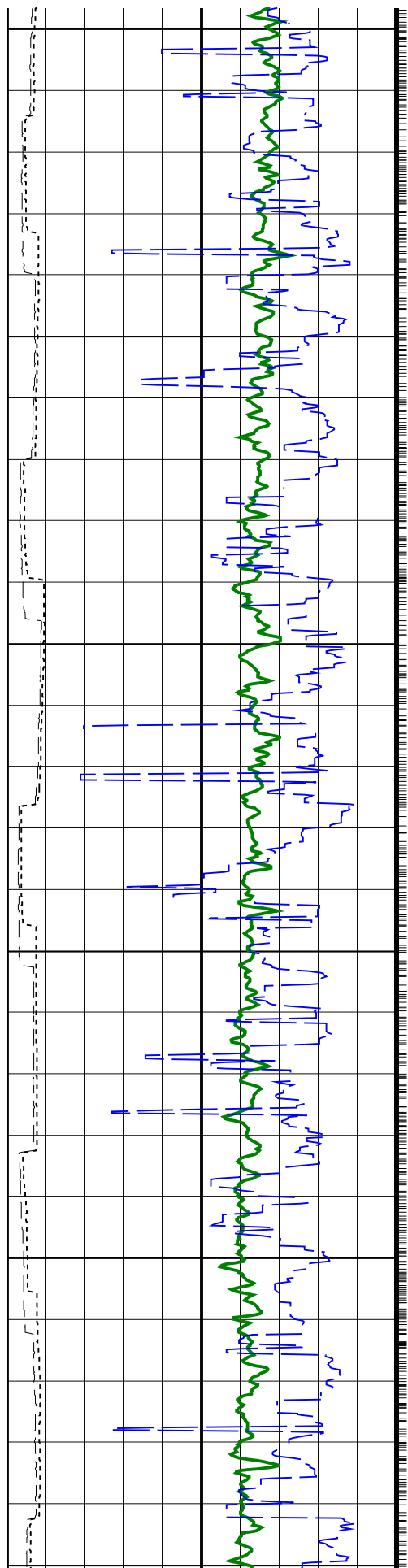


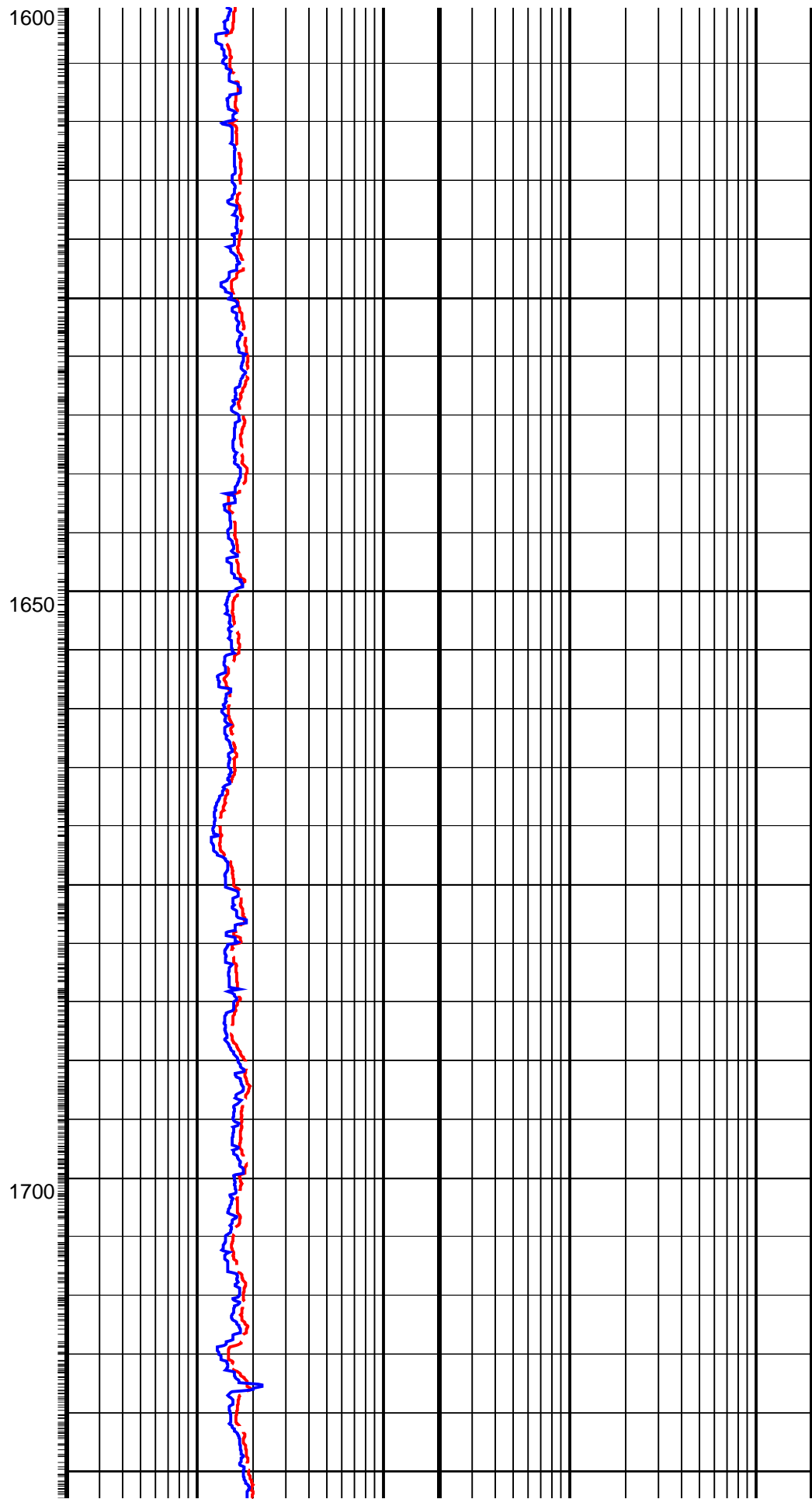
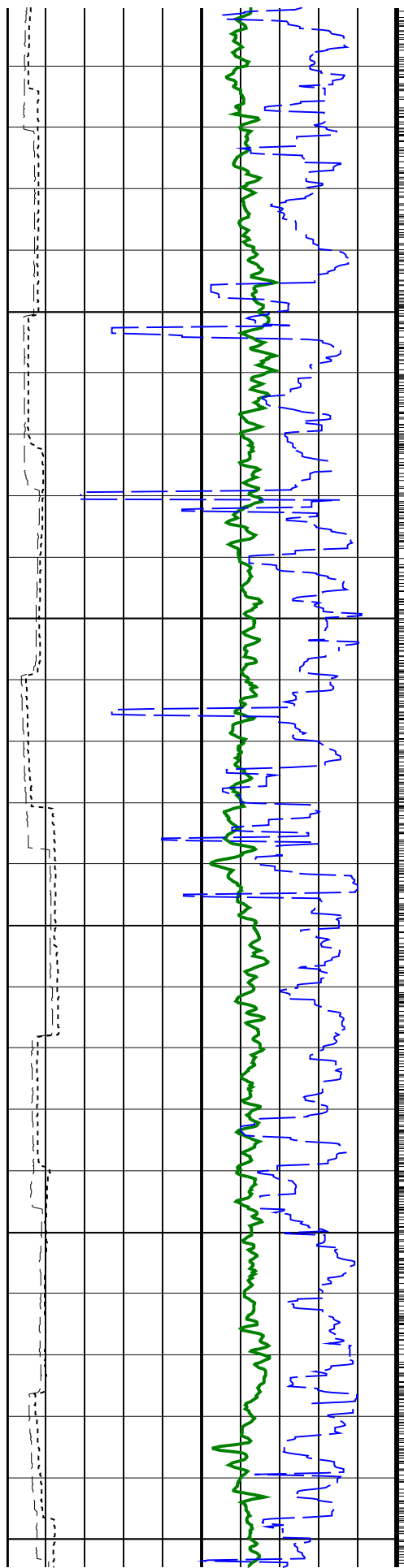
1250

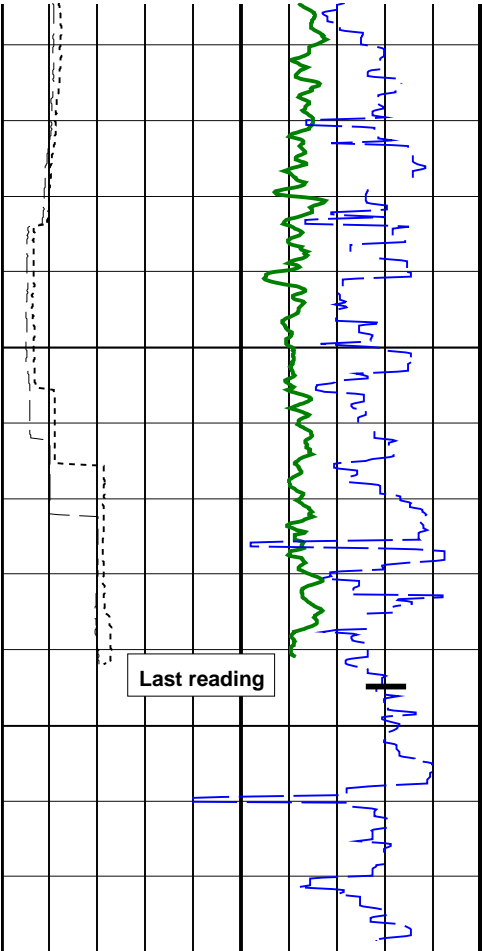
1300



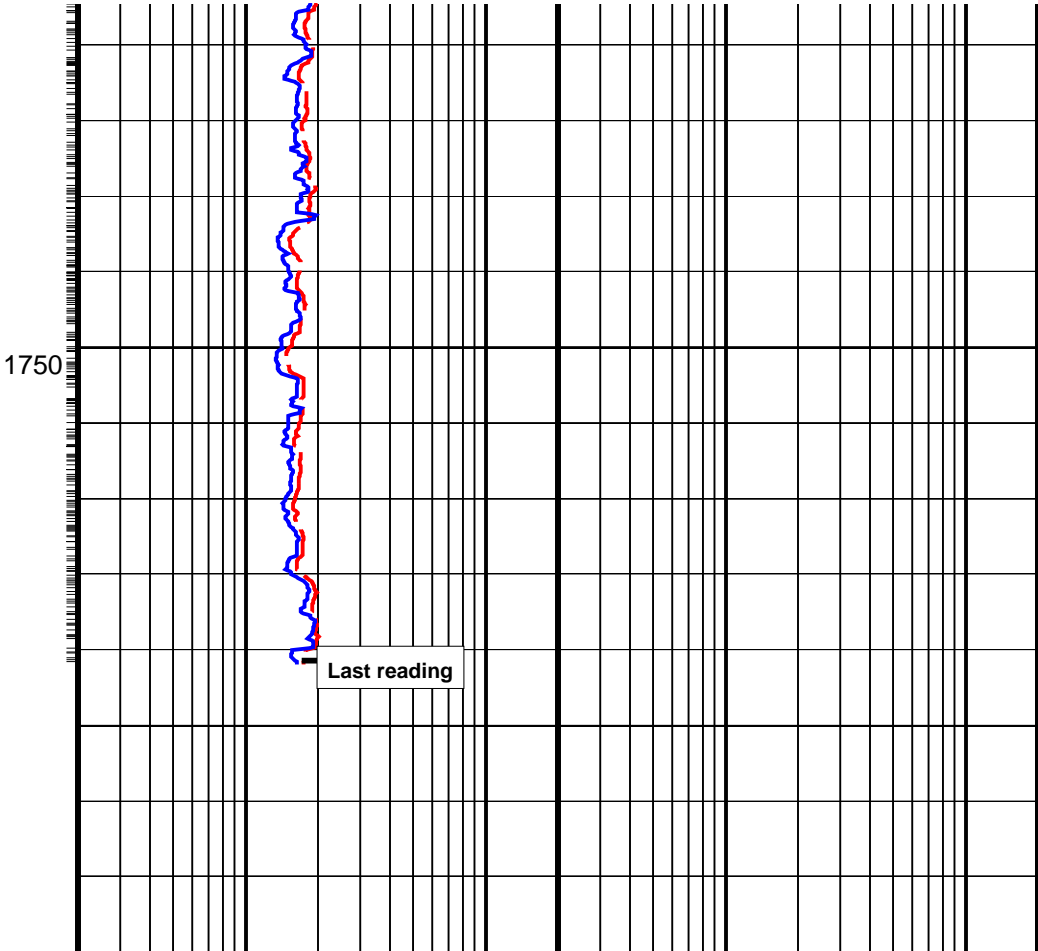








Gamma Ray (GR_CDR)		
0	(GAPI)	200
CDR Resistivity Time After Bit (TAB_CDR_RES)		
0	(HR)	10
CDR Gamma Ray Time After Bit (TAB_CDR_GR)		
0	(HR)	10
Rate of Penetration, Averaged over Last 5ft (ROP5_RM)		
500	(M/HR)	0



Attenuation Resistivity (ATR)		
0.2	(OHMM)	2000
Phase Shift Resistivity (PSR)		
0.2	(OHMM)	2000

PIP SUMMARY




- └ CDR Gamma Ray Samples
- └ CDR Resistivity Samples




IDEAL Version: ID6\_1C\_10  
IDF


8.25-in. Compensated Dual Resistivity / Equipment Identification

Primary Equipment:  
Tool Name and Serial Number  
Gamma Ray Type

CDR8 – AA  
Plat – GR  
Valid 8134

Master: 19-JUL-2001 10:15														
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 (Minimum)	5.000 (Nominal)	5.600 (Maximum)		4.400 (Minimum)	5.000 (Nominal)	5.600 (Maximum)			4.900 (Minimum)	5.000 (Nominal)	5.100 (Maximum)		

Master: 19-JUL-2001 16:54											
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 (Minimum)	0.1000 (Nominal)	2.600 (Maximum)		-2.400 (Minimum)	0.1000 (Nominal)	2.600 (Maximum)		-0.9000 (Minimum)	0.1000 (Nominal)	1.100 (Maximum)

Master: 19-JUL-2001 16:39									
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      8-Oct-2001 21:45:01      Page 1 of 2

Client.....: Woodside Energy Ltd.  
Field.....: Permit VIC/P43

Well.....: Geograph North-1      Spud date.....: 29 Sep 01  
API number.....:      Last survey date.....: 08-Oct-01  
Engineer.....: A.Abad, M.Saicic      Total accepted surveys...: 17  
MD of first survey.....: 561.00 m  
MD of last survey.....: 2142.68 m

Rig.....: Ocean Bounty  
STATE.....: Victoria

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

----- Depth reference -----  
Permanent datum.....: L.A.T.  
Depth reference.....: Driller's Depth  
GL above permanent.....: 107.00 m  
KB above permanent.....: 82.00 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

----- Geomagnetic data -----  
Magnetic model.....: BGGM version 2000  
Magnetic date.....: 01-Oct-2001  
Magnetic field strength..: 1222.77 HCNT  
Magnetic dec (+E/W-).....: 11.03 degrees  
Magnetic dip.....: -70.26 degrees

----- MWD survey Reference Criteria -----  
Reference G.....: 1000.10 mGal  
Reference H.....: 1222.77 HCNT  
Reference Dip.....: -70.26 degrees  
Tolerance of G.....: (+/-) 2.50 mGal  
Tolerance of H.....: (+/-) 6.00 HCNT  
Tolerance of Dip.....: (+/-) 0.45 degrees

----- Corrections -----  
Magnetic dec (+E/W-).....: 11.03 degrees  
Grid convergence (+E/W-)..: -1.17 degrees  
Total az corr (+E/W-).....: 12.20 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

8-Oct-2001 21:45:01      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	561.00	0.50	0.00	0.00	561.00	0.00	0.00	0.00	0.00	0.00	0.00	TIP	-
2	582.93	0.14	140.00	21.93	582.93	0.08	0.08	0.02	0.08	12.91	0.28	MWD	6-axis
3	787.44	0.24	327.54	204.51	787.44	0.25	0.25	-0.05	0.25	348.01	0.02	MWD	6-axis
4	1045.27	1.06	176.39	257.83	1045.26	-1.68	-1.68	-0.19	1.69	186.51	0.05	MWD	6-axis
5	1134.01	1.32	323.02	88.74	1133.99	-1.68	-1.68	-0.75	1.84	204.17	0.26	MWD	6-axis
6	1221.07	1.31	340.49	87.06	1221.03	0.06	0.06	-1.69	1.69	271.93	0.05	MWD	6-axis
7	1308.98	1.44	340.75	87.91	1308.91	2.05	2.05	-2.39	3.15	310.58	0.01	MWD	6-axis
8	1395.89	1.46	335.28	86.91	1395.79	4.08	4.08	-3.21	5.20	321.80	0.02	MWD	6-axis

7	1308.98	1.44	340.75	87.91	1308.91	2.05	2.05	-2.39	3.15	310.58	0.01	MWD	6-axis
8	1395.89	1.46	335.28	86.91	1395.79	4.08	4.08	-3.21	5.20	321.80	0.02	MWD	6-axis
9	1510.17	1.39	334.24	114.28	1510.04	6.65	6.65	-4.42	7.99	326.38	0.01	MWD	6-axis
10	1568.32	1.65	336.38	58.15	1568.17	8.06	8.06	-5.07	9.52	327.84	0.05	MWD	6-axis
11	1656.23	1.91	353.24	87.91	1656.04	10.67	10.67	-5.75	12.12	331.70	0.07	MWD	6-axis
12	1713.58	1.95	1.23	57.35	1713.35	12.60	12.60	-5.84	13.88	335.13	0.05	MWD	6-axis
13	1762.43	1.84	357.96	48.85	1762.18	14.21	14.21	-5.85	15.37	337.63	0.03	MWD	6-axis
14	1810.16	1.94	4.62	47.73	1809.88	15.78	15.78	-5.81	16.82	339.79	0.05	MWD	6-axis
15	1984.85	0.73	44.27	174.69	1984.52	19.53	19.53	-4.79	20.11	346.20	0.08	MWD	6-axis
16	2142.68	0.66	64.11	157.83	2142.34	20.64	20.64	-3.28	20.90	350.98	0.02	MWD	6-axis
17	2170.70	0.65	64.11	157.83	2170.01	20.86	20.86	-3.26	20.98	351.01	0.02	projection	

[(c)2001 Anadrill IDEAL ID6\_1C\_03]

Company: Woodside Energy Limited

Well: Geographe North-1 12 1/4 in. Hole

Field: Permit VIC/P43

Rig: Ocean Bounty

State: Victoria

IDEAL services from Anadrill

CDR – Resistivity  
1:500 Measured Depth  
Recorded Mode

Schlumberger