

ALD Azimuthal Lithodensity
CTN Compensated Thermal Neutron
CNØ Compensated Neutron Porosity
DGR Dual Gamma Ray
EWR-Phase 4
ACAL Acoustic Caliper

1 : 1000

Sperry Drilling Services

[illegible]

MWD Run Number	100	200	300		
Date run completed	18-Aug-06	24-Aug-06	28-Aug-06		
Rig Bit Number	4	1	1RR		
Bit Size (mm)	311	216	216		
Tool Nominal OD (mm)	203	171	171		
Log Start Depth (MD, m)	650.00	2,751.00	3,194.00		
Log End Depth (MD, m)	2,751.00	3,194.00	3,987.00		
Drill or Wipe	Drilling	Drilling	Drilling		
Drill/Wipe Start Date and Time	12-Aug-06 07:50	21-Aug-06 01:25	24-Aug-06 14:00		
Drill/Wipe End Date and Time	17-Aug-06 20:48	23-Aug-06 05:50	27-Aug-06 11:30		
Min Inc (deg) @ Depth (MD, m)	6.30 @ 688.39	76.93 @ 2,760.53	79.76 @ 3,687.12		
Max Inc (deg) @ Depth (MD, m)	74.87 @ 2,740.73	102.62 @ 2,963.19	96.12 @ 3,253.07		
Bit TFA(in2) / Bit Type	1.49 / Sec FMF3565Z	1.11 / Sec FMF3653Z	1.11 / Sec FMF3653Z		
Flow Rate (gpm)	1,150	740	735		
Max AV (mpm) / CV (mpm) @ MWD	99.6 / 138.6	210.0 / 192.0	205.8 / 151.8		
Fluid Type	SYN-TEQ	SYN-TEQ	SYN-TEQ		
Density (sg) / Viscosity (spl)	1.25 / 80.3	1.25 / 94.1	1.25 / 78.2		
Filtrate CL (ppm)	36,700	31,870	30,450		
pH / Fluid Loss (mptm)	N/A / 3.0	N/A / 2.8	N/A / 3		
PV (cP) / YP (pa)	41 / 14.8	49 / 17.2	35 / 12.5		
% Solids / % Sand	14.4 / 0.3	14.5 / 0.5	14.3 / 0.6		
% Oil / Oil:Water Ratio	60.5 / 72:28	61.5 / 73:27	62.5 / 74:26		
Rm @ Measured Temp (degC)	N/A @ N/A	N/A @ N/A	N/A @ N/A		
Rmf @ Measured Temp (degC)	N/A @ N/A	N/A @ N/A	N/A @ N/A		
Rmc @ Measured Temp (degC)	N/A @ N/A	N/A @ N/A	N/A @ N/A		
Max Tool Temp (degC) / Source	104 / EWR-P4	102 / EWR-P4	115 / EWR-P4		
Rm @ Max Tool Temp (degC)	N/A @ N/A	N/A @ N/A	N/A @ N/A		
Lead MWD Engineer	T. Osborne	T. Osborne	T. Osborne		
Customer Representative	S. Corless	S. Job	S. Job		

SENSOR INFORMATION

Downhole Processor Information					
Tool Type	HCIM	HCIM	HCIM		
Software Version	68.18	72.13	72.13		
Sub Serial Number	189273	161828	10505777		
Insert Serial Number	133489	161821	161828		
Date and Time Initialized	11-Aug-06 15:52	21-Aug-06 00:35	24-Aug-06 00:46		
Date and Time Read	19-Aug-06 00:48	24-Aug-06 03:25	28-Aug-06 00:15		

Directional Sensor Information					
Tool Type	DM	DM	PMIII		
Distance From Bit (m)	8.70	8.02	8.95		
Software Version	3.15	3.15	4.00		
Sub Serial Number	CP719940	CP1015920	CP973260		
Sonde Serial Number	185534	185534	136742		
Sensor ID Number	185534	185534	136742		
Toolface Offset (deg)	N/A	N/A	N/A		

Gamma Ray Sensor Information					
Tool Type	DGR	DGR	DGR		
Distance From Bit (m)	11.21	10.56	11.50		
Recorded Sample Period (sec)	12	14	14		
Software Version	N/A	N/A	N/A		
Sub Serial Number	10718409	77761	218747		
Insert/Sonde Serial Number	087229	10505500	050437		

Resistivity Sensor Information					
Tool Type	EWR-P4	EWR-P4	EWR-P4		
Distance From Bit (m)	13.56	12.89	13.85		
Recorded Sample Period (sec)	12	14	14		
Software Version	1.38	1.38	1.38		
Sub Serial Number	96506	191904	197652		
Receiver Insert Serial Number	45162	77531	74703		
Transmitter Insert Serial Number	123860	106181	62499		
Receiver Orientation	Down	Down	Down		

Neutron Sensor Information					
Tool Type		CTN	CNP		
Distance From Bit (m)		24.59	24.29		
Recorded Sample Period (sec)		20	12		
Sub Serial Number		174118	177933		
Insert Serial Number		175366	68615		
Source Serial Number		0102NN	1399NN		
Source Factor		N/A	1.1840		
Pin Orientation		Up	Up		

Density Sensor Information					
Tool Type		ALD	ALD		
Distance From Bit (m)		20.52	21.43		
Recorded Sample Period (sec)		20	20		
Software Version		2.13	2.13		
Sub Serial Number		10718174	10503661		
Insert Serial Number		215918	10507163		
Sensor ID Number		32081	32022		
Source Serial Number		2434GW	2671GW		
Pin Orientation		Up	Up		
Stabilizer Blade O.D. (mm)		209.550	209.550		
DPA Offset		332.30	2.00		

Caliper Sensor Information					
Tool Type		ACAL	ACAL		
Distance From Bit (m)		23.53	31.34		
Software Version		1.00	1.00		

Software Version		4.20	4.20		
Sub Serial Number		174118	123087		
Insert Serial Number		175366	141728		

REMARKS

1.) All depths are bit depths and are referenced to the driller's pipe tally unless otherwise noted.

2.) AV/CV values are calculated at the LWD collar using the Bingham Law for oil based mud, measured in m/min.

3.) Curve Mnemonics used are:

SGRC - Smoothed Combined Gamma Ray, api
 SROP - Smoothed Rate of Penetration, m/hr
 ACAL - Smoothed Acoustic Caliper Hole Size, inches
 SEXP - Smoothed Extra-Shallow Phase Resistivity, ohm-metre
 SESP - Smoothed Shallow Phase Resistivity, ohm-metre
 SEMP - Smoothed Medium Phase Resistivity, ohm-metre
 SEDP - Smoothed Deep Phase Resistivity, ohm-metre
 SC02 - Smoothed Stand Off Correction (Low Count Rate), g/cc
 SBD2 - Smoothed Bulk Density (Low Count Rate), g/cc
 SNP2 - Smoothed Near Photoelectric effect, b/e
 TNPL - Smoothed Thermal Neutron Porosity (LS), v/v

4.) CTN/CNP data has been processed using the following parameters and is based on Limestone matrix:

MW = 1.25 sg
 Formation Salinity = 15,000 ppm Cl
 Mud Salinity = 25,632 - 31,874ppm Cl
 Matrix Density = 2.71 g/cc
 Fluid Density = 1.00 g/cc

5.) TNPL data is from the CTN tool to 3170.19 mMDRT and from the CNP tool to TD. Data has been reprocessed using hole size derived from the Acoustic Caliper tool.

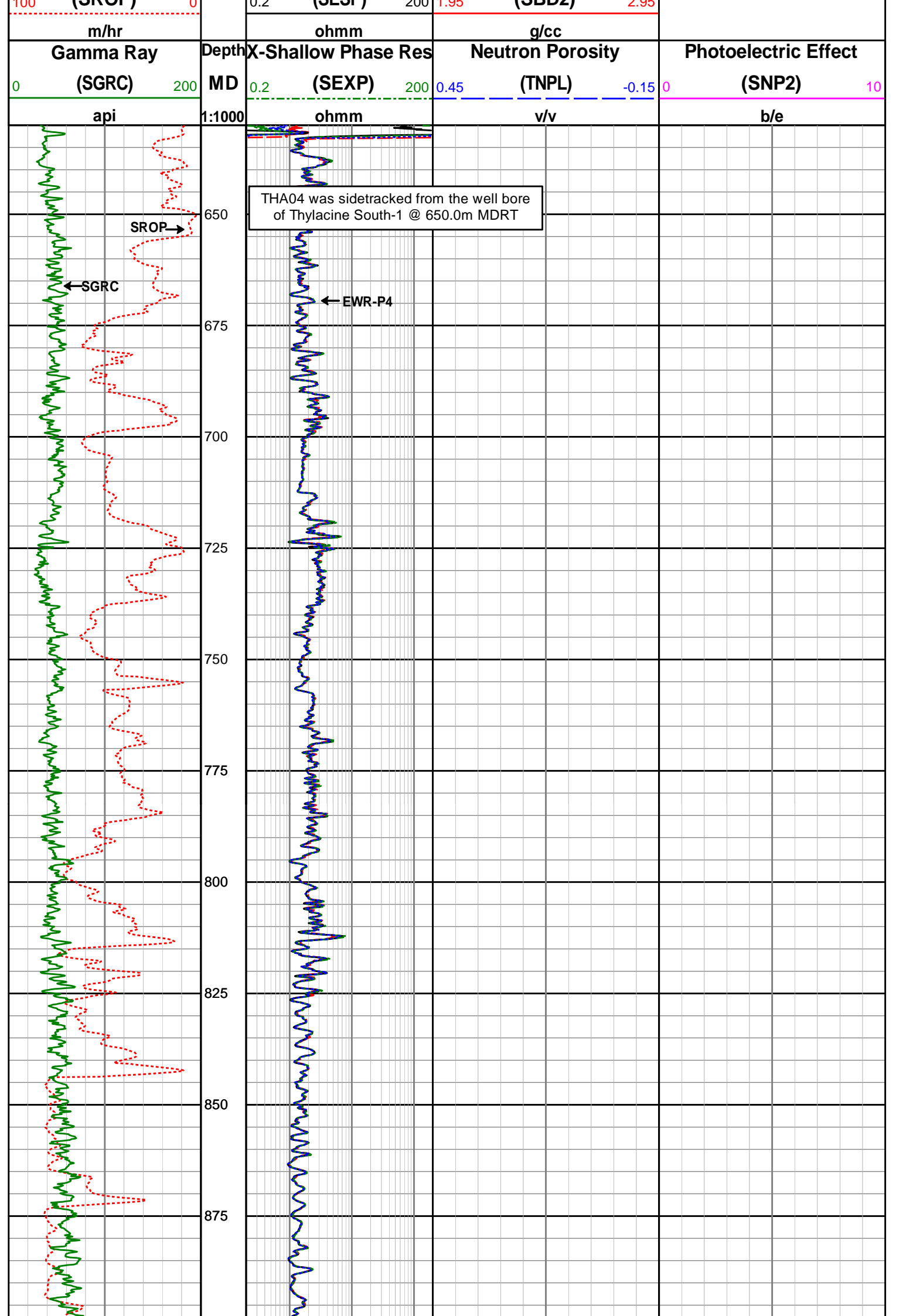
6.) Real-Time Caliper data is presented to 3170.2 mMDRT as unable to read tool on deck.

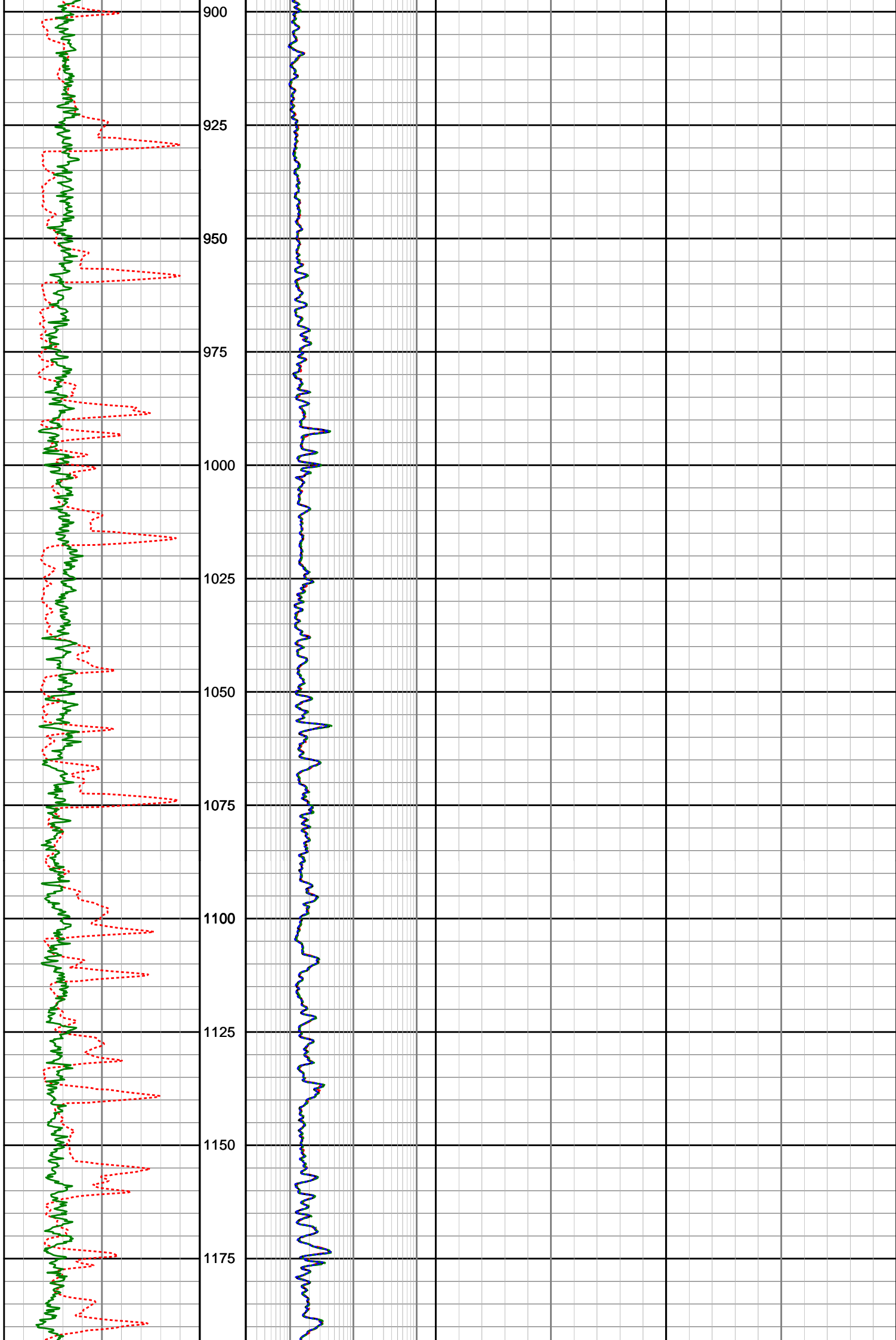
7.) Density data from 3000.5 - 3172.8 mMDRT is wipe data recorded while P00H.

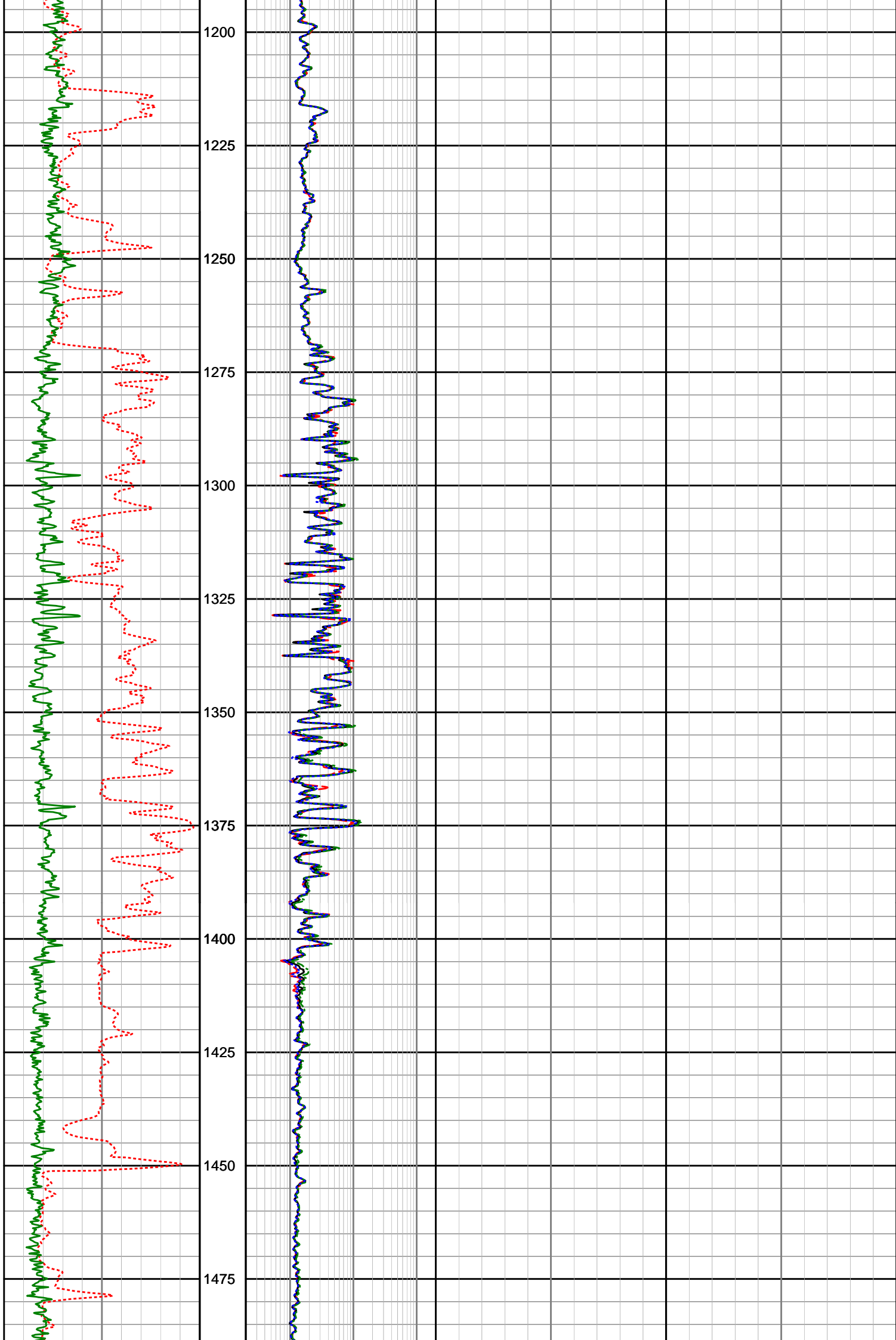
WARRANTY

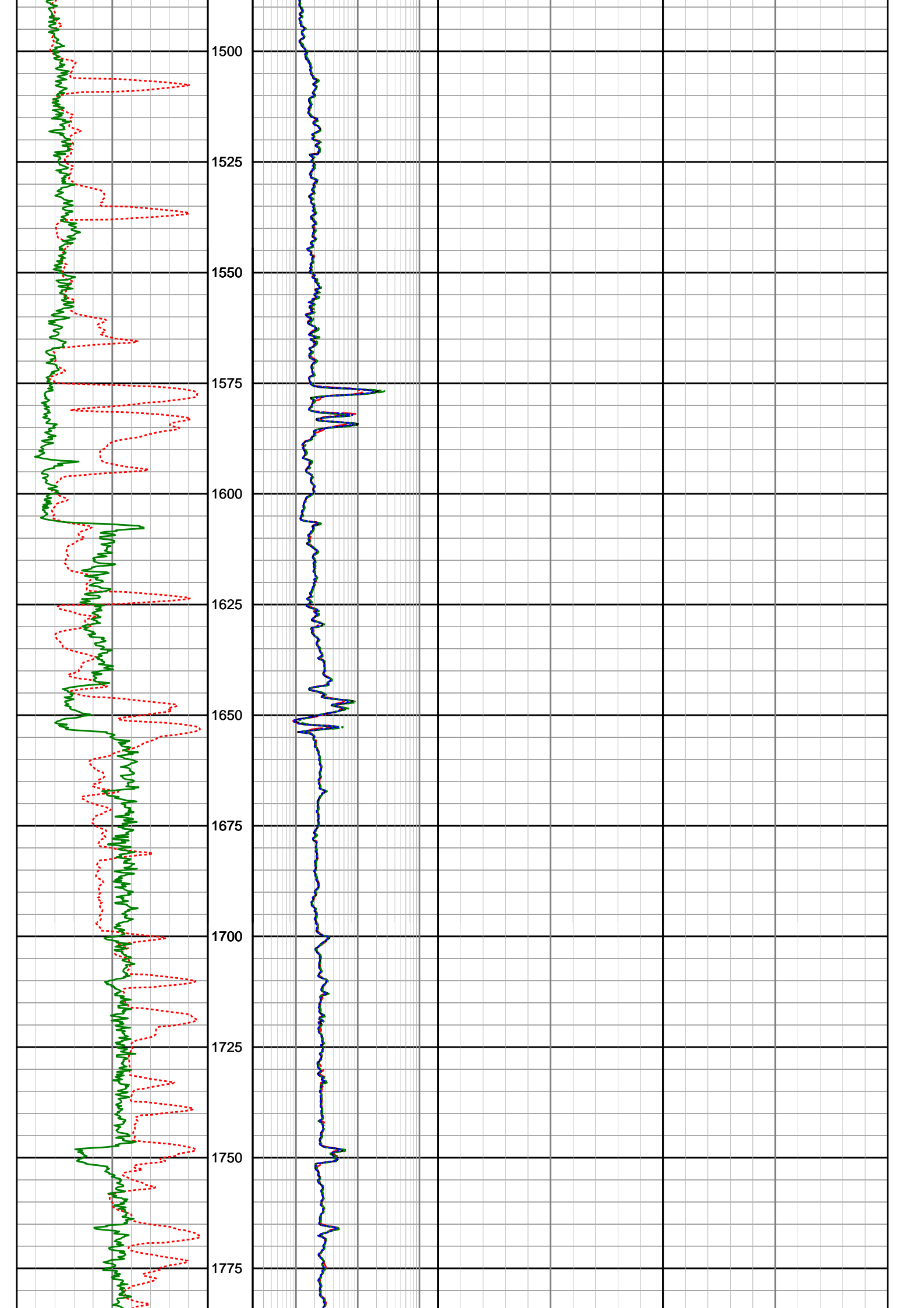
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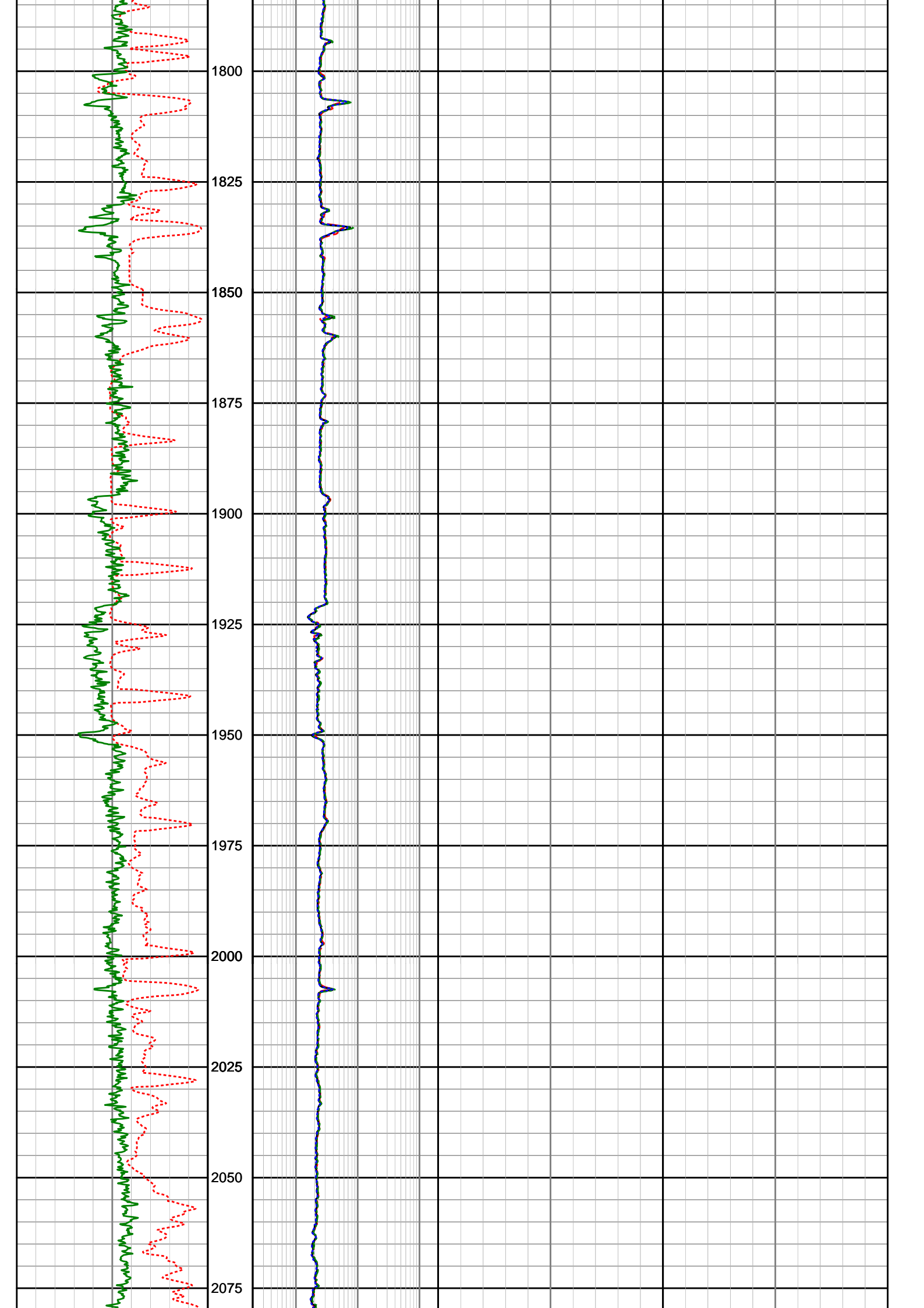
		Deep Phase Res			
		0.2	(SEDP)	200	
		ohmm			
Acoustic Caliper		Medium Phase Res		Standoff Correction	
6	(ACAL)	16	0.2	(SEMP)	200
		ohmm		g/cc	
Rate of Penetration		Shallow Phase Res		Bulk Density	
100	(SROP)	0	0.2	(SESP)	200
				1.05	(SBD2)
				2.05	

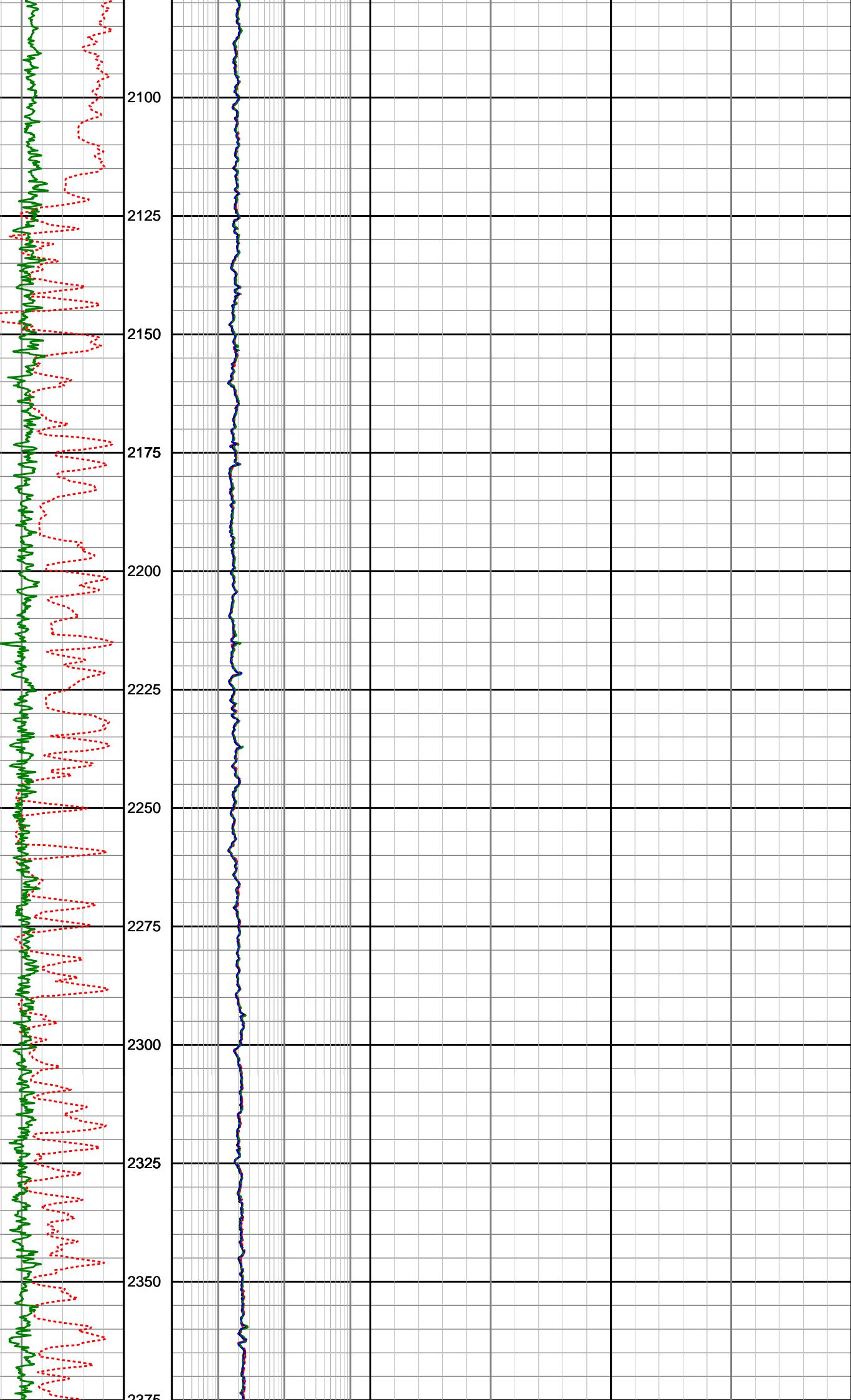


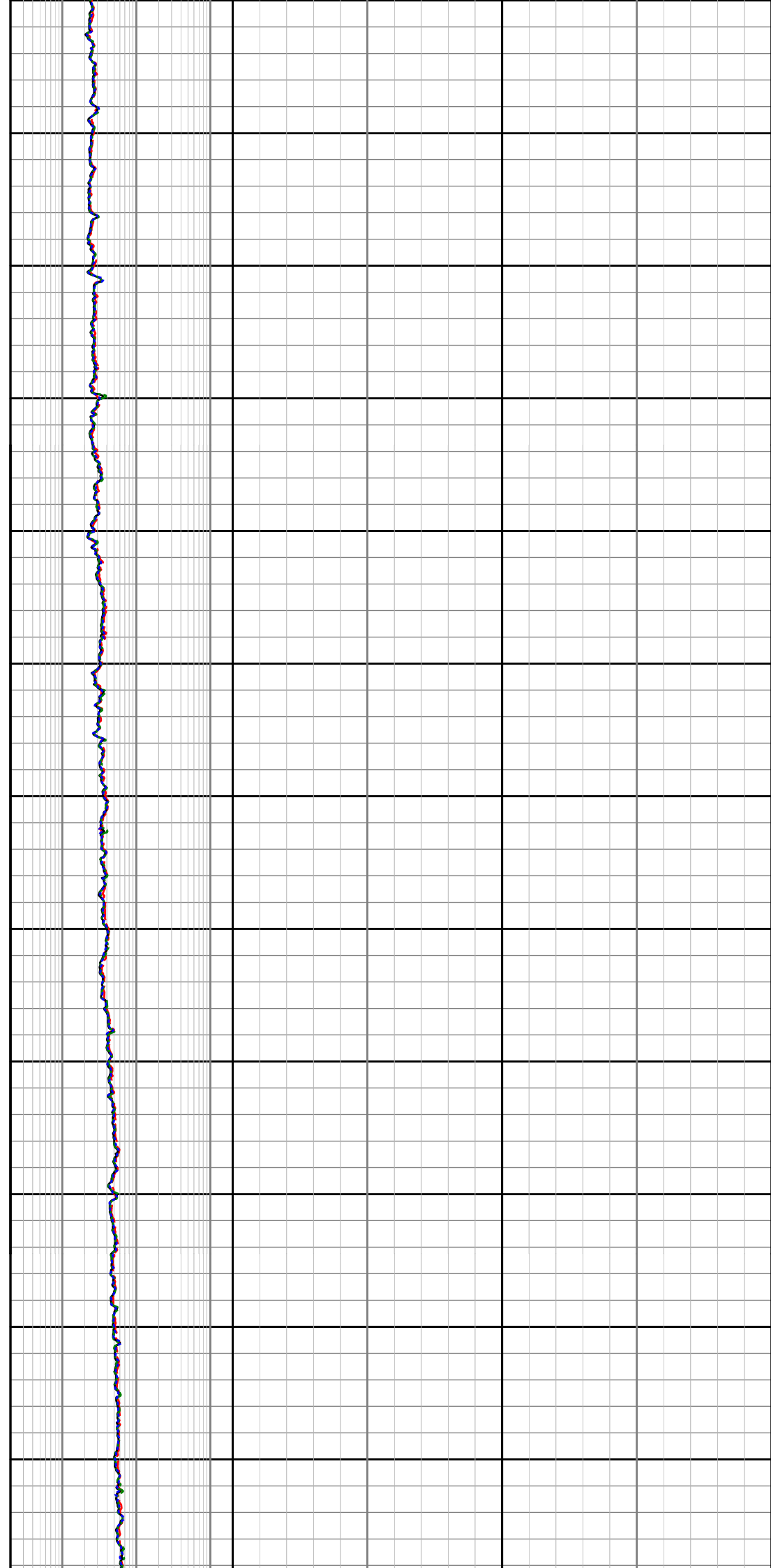
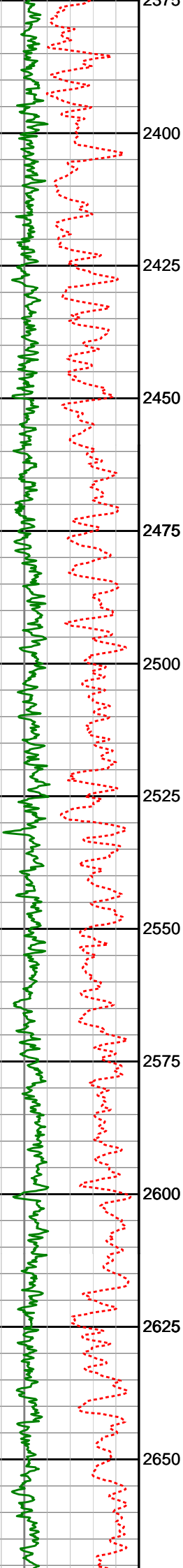


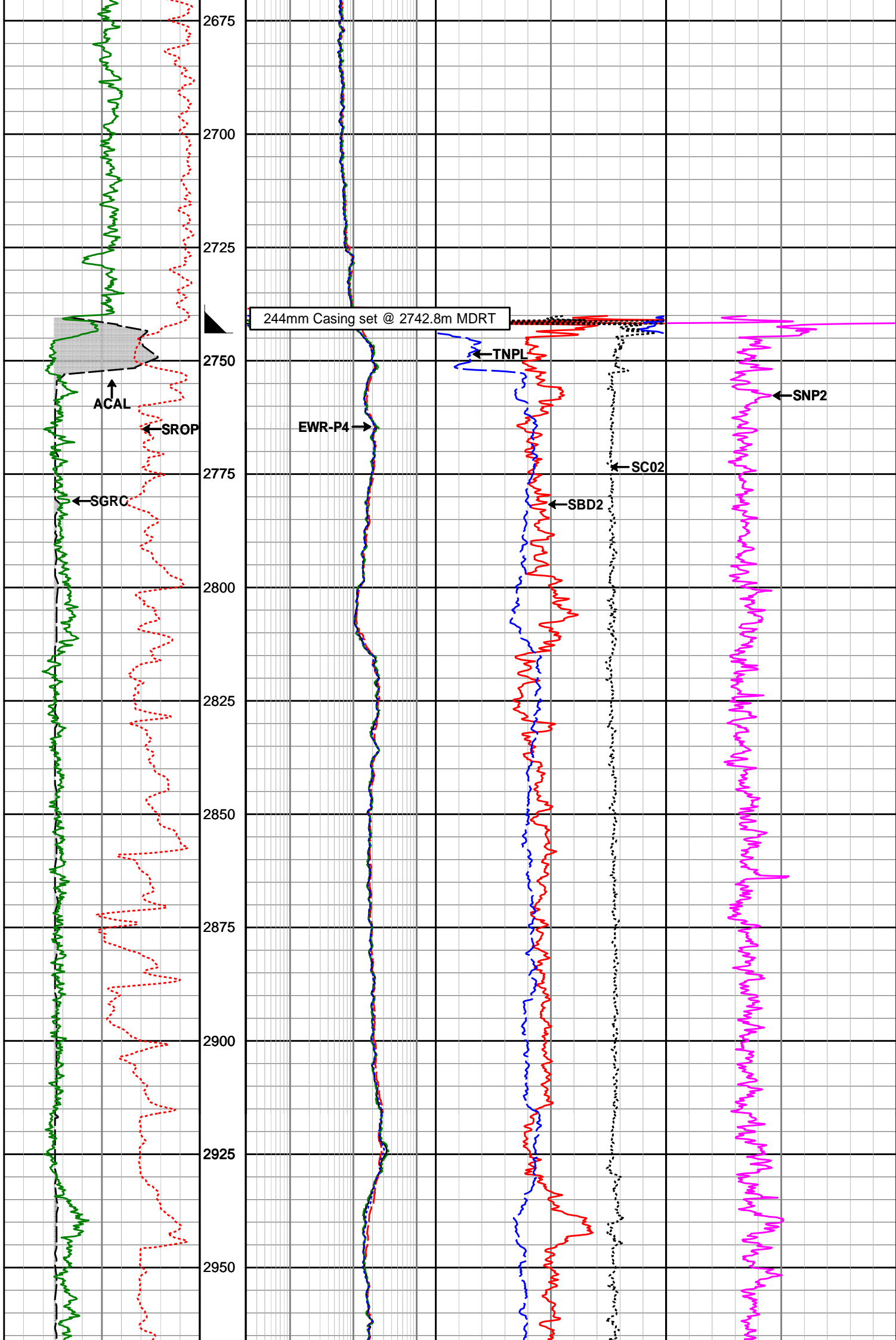


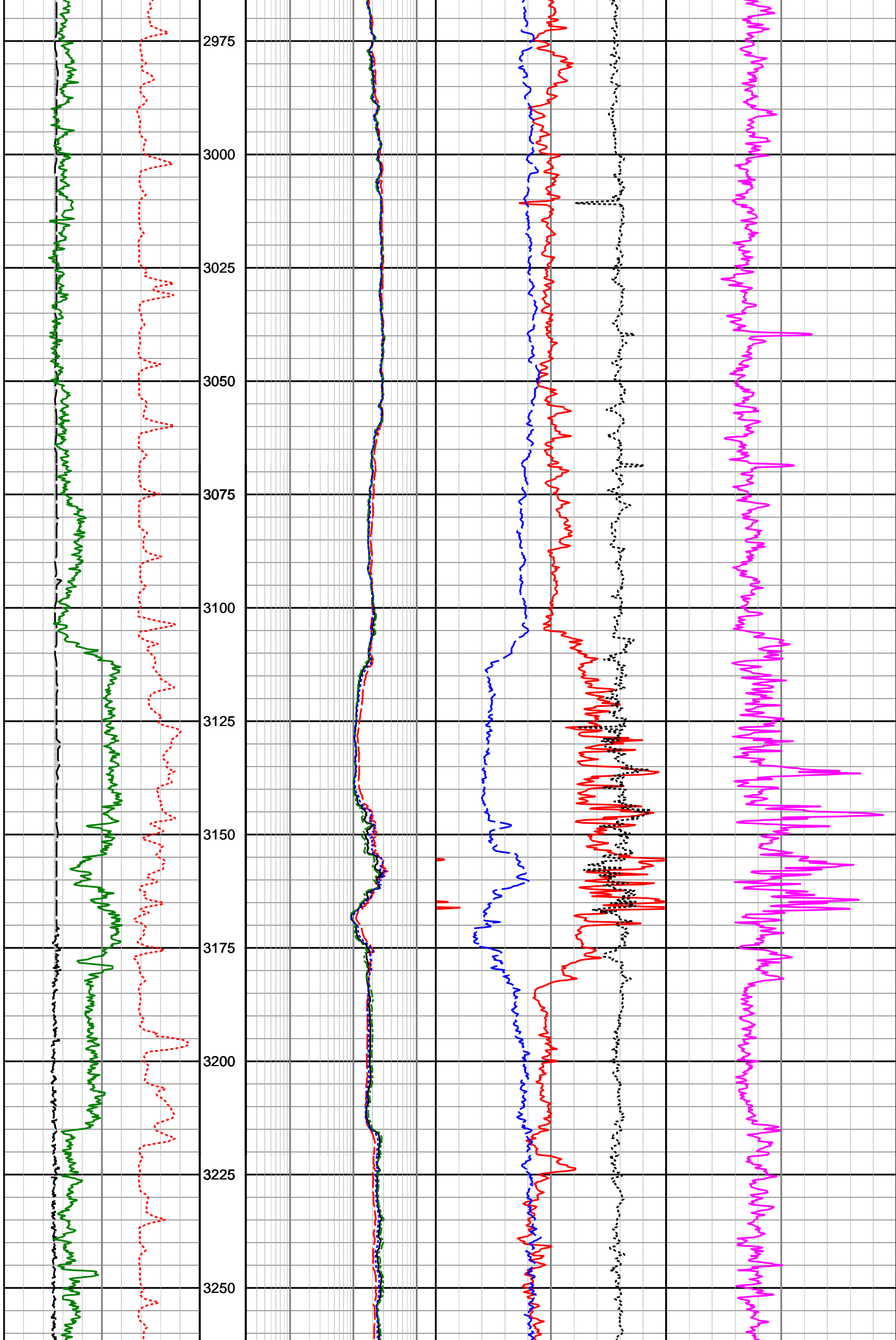


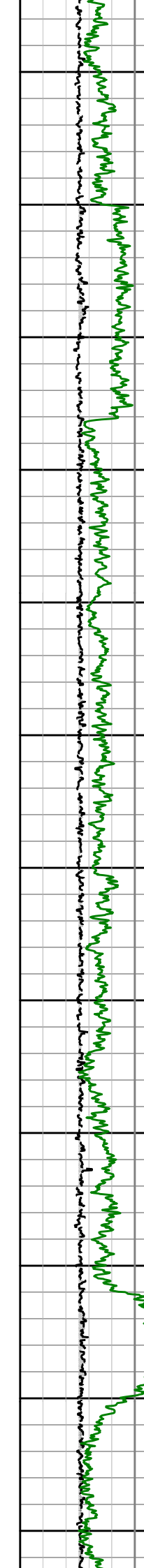
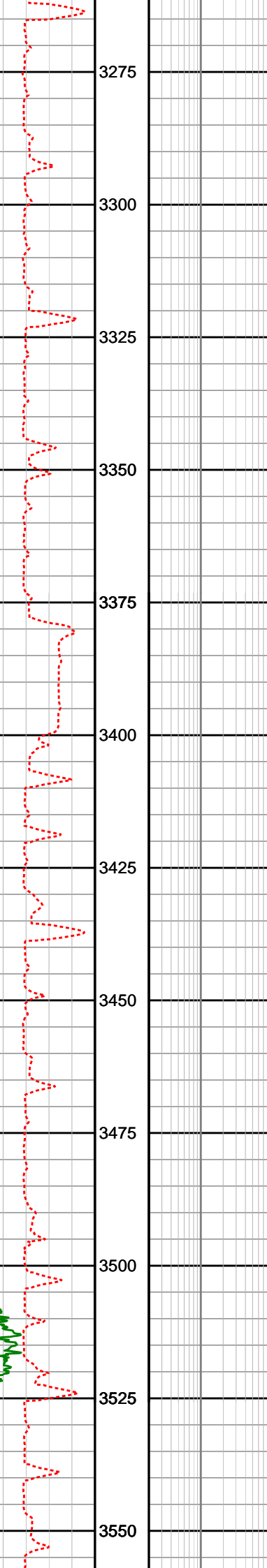
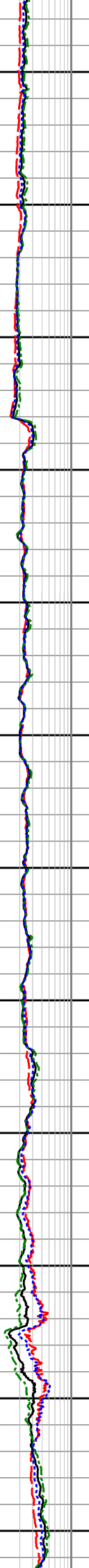
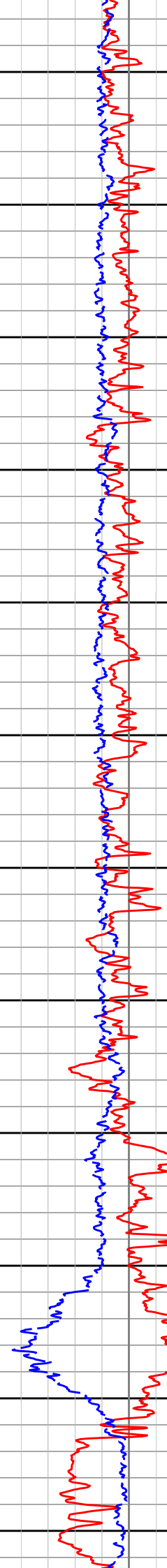
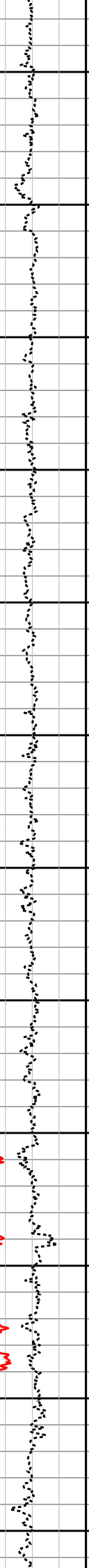
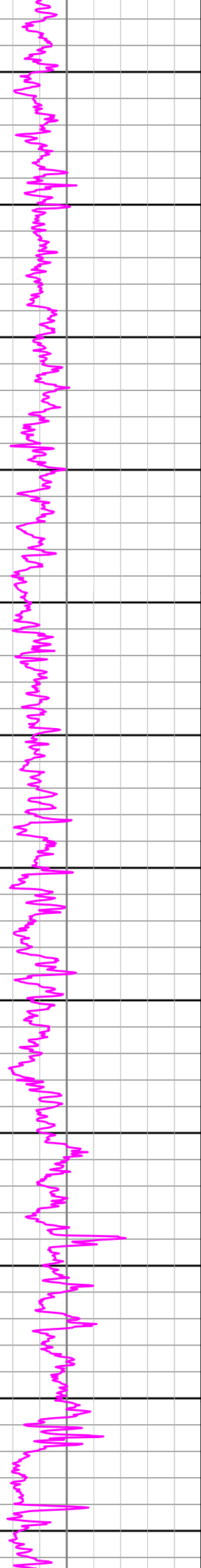


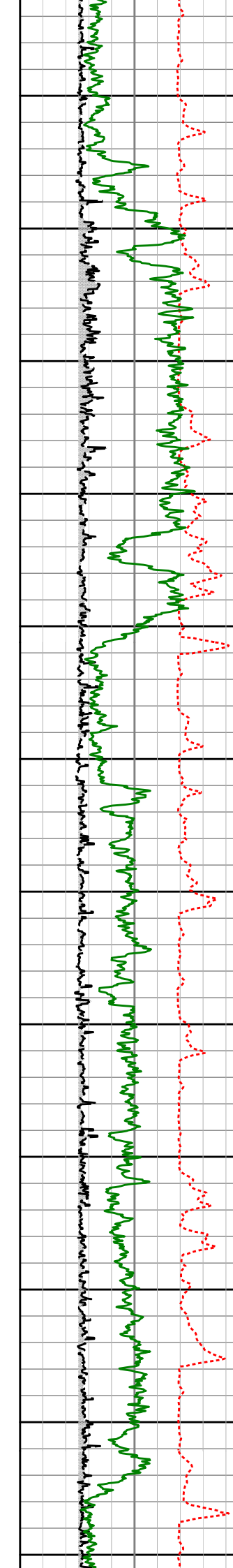
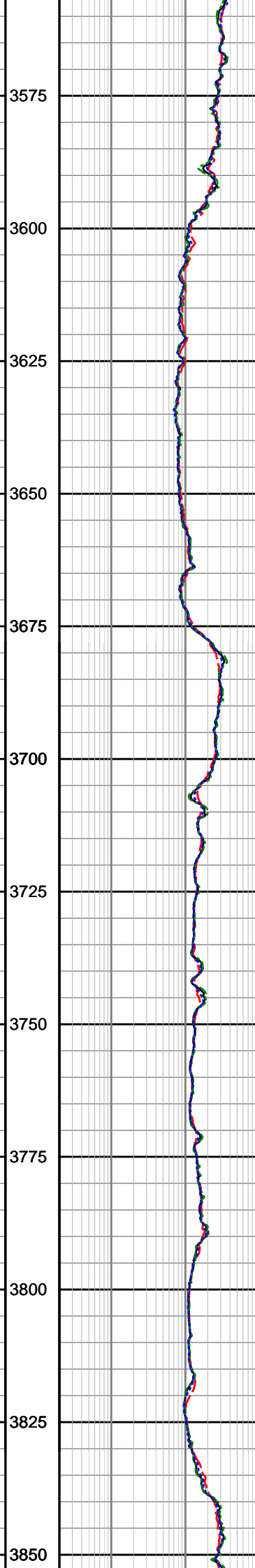
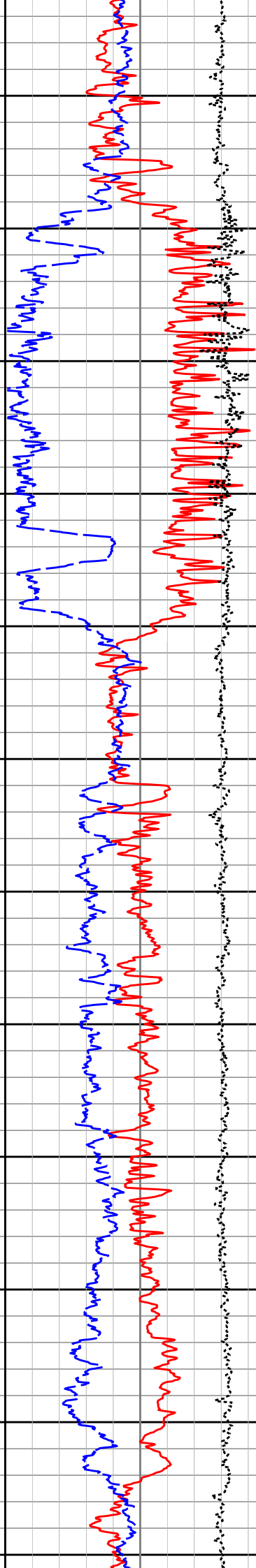
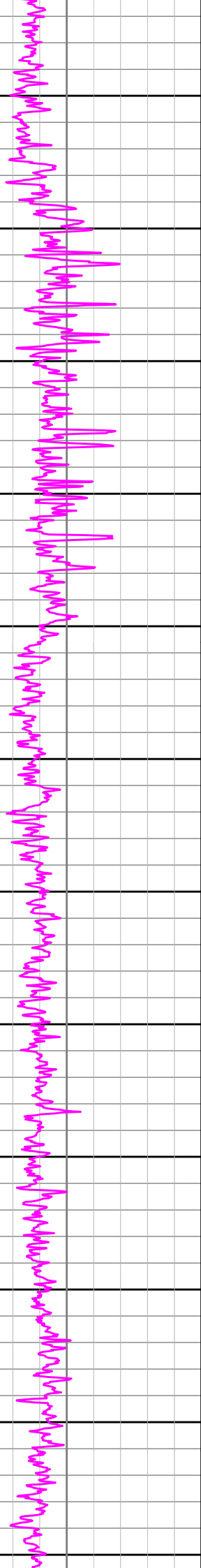


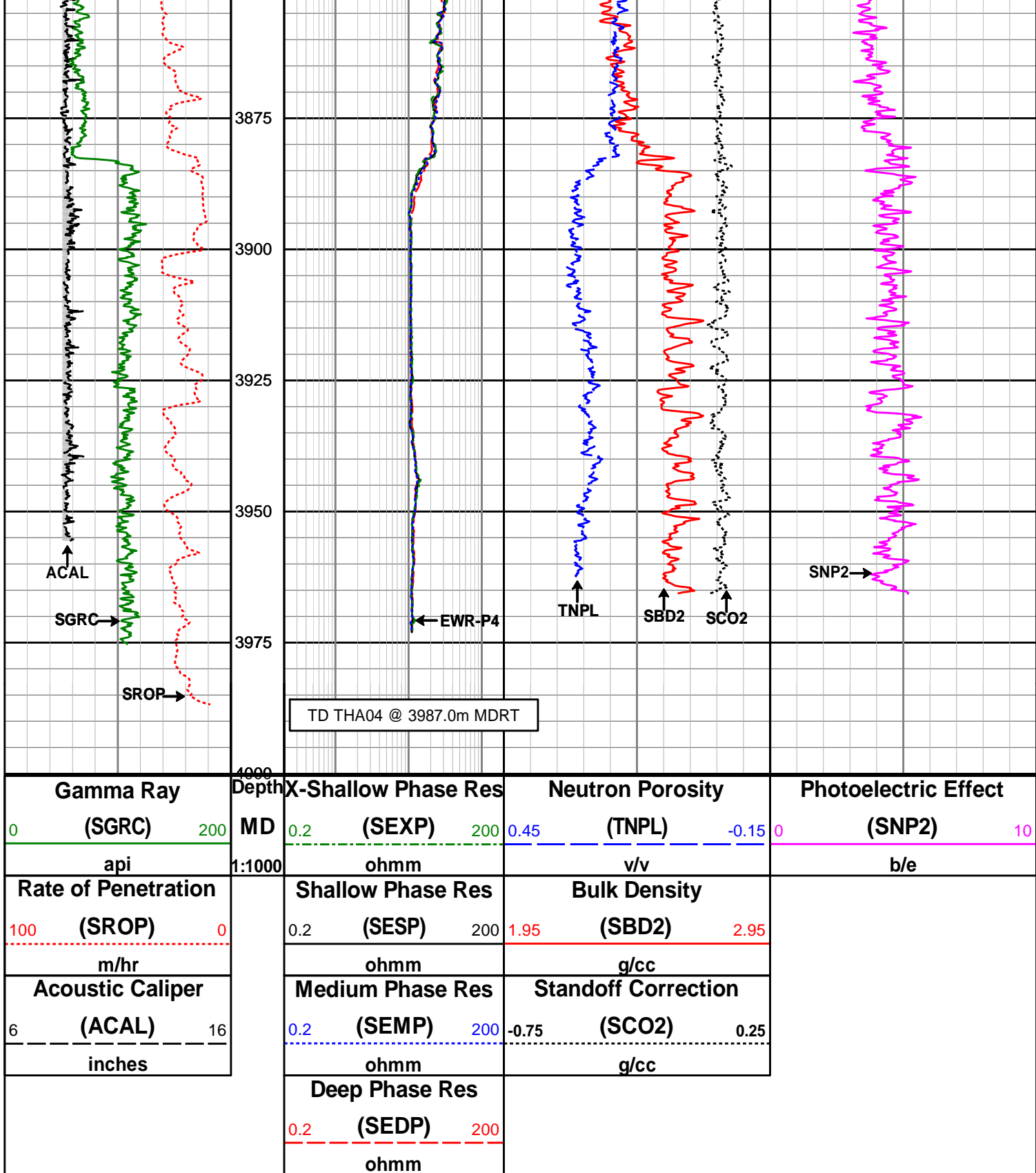












Sperry Drilling Services

DIRECTIONAL SURVEY REPORT

Woodside Energy Ltd

THA04

Thylacine

Victoria

Australia

AU-FE-000393066

RT-LAT=50.5m.

Final survey projected to TD.

All Surveys are SAG corrected.

Surveys to 1498.12m MDRT are SUCOP corrected.

Surveys from 1527.01m MDRT are Cazandra corrected.



Depth (metres)	Inclination (degrees)	Direction (degrees)	Depth (metres)	Latitude (metres)	Departure (metres)	Section (metres)	Dogleg (deg/30m)
650.000	5.18	173.38	649.360	21.420 S	2.120 E	15.001	TIE-IN
688.390	6.30	210.93	687.570	24.950 S	1.237 E	16.509	3.00
717.360	10.31	208.79	716.230	28.587 S	0.830 W	17.158	4.16
746.300	14.72	197.80	744.480	34.361 S	3.202 W	18.899	5.18
775.250	18.30	195.23	772.232	42.251 S	5.521 W	22.000	3.79
804.220	20.86	194.83	799.525	51.627 S	8.037 W	25.873	2.65
833.180	24.98	191.59	826.193	62.607 S	10.586 W	30.718	4.46
862.140	28.78	189.26	852.020	75.482 S	12.938 W	36.899	4.08
891.060	32.15	190.32	876.944	89.928 S	15.437 W	43.942	3.54
920.010	34.55	190.51	901.125	105.580 S	18.315 W	51.441	2.49
948.960	33.85	189.07	925.070	121.614 S	21.083 W	59.263	1.11
977.870	33.51	188.44	949.127	137.459 S	23.524 W	67.224	0.51
1006.770	32.88	188.81	973.311	153.102 S	25.896 W	75.113	0.69
1035.710	31.56	189.35	997.794	168.339 S	28.330 W	82.700	1.40
1064.580	31.61	196.12	1022.395	183.066 S	31.659 W	89.270	3.68
1093.400	33.36	198.23	1046.705	197.850 S	36.236 W	94.899	2.17
1122.380	34.19	197.83	1070.794	213.170 S	41.222 W	100.542	0.89
1151.260	33.03	195.24	1094.847	228.490 S	45.776 W	106.523	1.92
1180.180	32.68	194.25	1119.141	243.662 S	49.769 W	112.850	0.66
1209.130	32.85	194.31	1143.485	258.846 S	53.634 W	119.285	0.18
1238.050	32.69	194.61	1167.803	274.003 S	57.543 W	125.669	0.24
1266.970	32.70	195.15	1192.140	289.101 S	61.554 W	131.936	0.30
1295.890	32.87	195.56	1216.454	304.202 S	65.701 W	138.098	0.29
1324.790	33.17	196.36	1240.686	319.343 S	70.032 W	144.142	0.55
1353.720	32.35	196.87	1265.014	334.344 S	74.507 W	149.985	0.90
1382.600	31.60	196.07	1289.513	349.009 S	78.844 W	155.728	0.89
1411.510	31.20	196.12	1314.189	363.481 S	83.020 W	161.476	0.42
1440.360	31.66	195.63	1338.806	377.951 S	87.135 W	167.271	0.55
1469.240	33.20	195.26	1363.181	392.879 S	91.258 W	173.345	1.61
1498.120	33.15	196.11	1387.354	408.093 S	95.530 W	179.480	0.49
1527.010	32.27	197.10	1411.662	423.054 S	99.990 W	185.311	1.07
1555.950	32.13	197.42	1436.151	437.781 S	104.565 W	190.905	0.23
1584.900	32.14	197.54	1460.666	452.469 S	109.191 W	196.436	0.07
1613.830	31.59	196.05	1485.236	467.088 S	113.605 W	202.090	1.00
1642.730	31.64	196.36	1509.847	481.636 S	117.833 W	207.845	0.18
1671.670	31.29	196.58	1534.532	496.122 S	122.116 W	213.518	0.38
1700.540	31.70	196.96	1559.149	510.563 S	126.468 W	219.109	0.47
1729.450	31.83	196.87	1583.728	525.124 S	130.896 W	224.716	0.14
1758.400	32.33	194.83	1608.259	539.913 S	135.093 W	230.645	1.24
1787.330	31.96	195.03	1632.754	554.786 S	139.058 W	236.808	0.40
1816.310	32.21	195.30	1657.307	569.644 S	143.085 W	242.912	0.30
1845.270	32.04	193.45	1681.834	584.560 S	146.909 W	249.213	1.03
1874.190	32.87	193.78	1706.237	599.643 S	150.563 W	255.750	0.88
1903.180	31.63	193.99	1730.754	614.660 S	154.274 W	262.201	1.29
1932.120	31.27	194.24	1755.442	629.304 S	157.956 W	268.443	0.40
1961.070	31.95	194.74	1780.097	643.995 S	161.754 W	274.623	0.76
1989.910	32.22	189.82	1804.537	658.953 S	165.007 W	281.396	2.73
2018.810	32.07	182.90	1829.015	674.212 S	166.710 W	289.569	3.82
2047.730	32.63	178.55	1853.449	689.676 S	166.901 W	299.053	2.48
2076.660	33.52	174.02	1877.695	705.421 S	165.871 W	309.666	2.72
2105.610	34.25	170.36	1901.730	721.404 S	163.674 W	321.342	2.25
2134.560	35.30	162.86	1925.521	737.437 S	159.843 W	334.326	4.56
2163.440	36.78	153.99	1948.889	753.192 S	153.588 W	349.034	5.63
2192.410	37.04	147.72	1972.061	768.369 S	145.122 W	365.110	3.91
2221.340	37.25	147.33	1995.121	783.106 S	135.742 W	381.628	0.33
2250.240	39.85	148.53	2017.721	798.369 S	126.185 W	398.612	2.81
2279.240	42.08	144.94	2039.621	814.252 S	115.750 W	416.669	3.35
2308.150	43.98	140.53	2060.758	829.935 S	103.800 W	435.786	3.69
2337.080	46.34	136.35	2081.161	845.267 S	90.187 W	455.986	3.93
2366.050	48.66	134.83	2100.732	860.519 S	75.238 W	477.181	2.67
2395.160	50.48	132.94	2119.610	875.874 S	59.267 W	499.241	2.39
2424.050	53.68	129.08	2137.367	890.810 S	42.066 W	522.000	4.59
2452.990	55.25	123.38	2154.195	904.709 S	23.076 W	545.514	5.08
2481.900	55.15	121.40	2170.696	917.425 S	3.032 W	569.115	1.69
2509.330	56.34	122.19	2186.135	929.371 S	16.237 E	591.630	1.48
2538.240	57.74	122.37	2201.864	942.326 S	36.744 E	615.742	1.46
2567.190	61.95	120.21	2216.404	955.314 S	58.134 E	640.566	4.77
2596.080	65.06	117.03	2229.294	967.687 S	80.828 E	666.027	4.38
2625.010	65.29	116.41	2241.440	979.492 S	104.281 E	691.727	0.63
2653.940	69.24	116.73	2252.618	991.426 S	128.140 E	717.825	4.11
2682.840	71.58	113.35	2262.310	1002.941 S	152.804 E	744.293	4.10
2712.930	72.42	112.26	2271.609	1014.033 S	179.184 E	771.839	1.33
2740.730	74.87	112.04	2279.436	1024.089 S	203.889 E	797.429	2.65

2760.530	76.93	111.88	2284.259	1031.270 S	221.698 E	815.834	3.13
2789.540	81.86	112.24	2289.597	1041.976 S	248.117 E	843.170	5.11
2818.500	87.26	113.06	2292.341	1053.075 S	274.712 E	870.889	5.66
2847.450	91.70	113.17	2292.604	1064.437 S	301.330 E	898.790	4.60
2876.380	97.39	113.51	2290.312	1075.858 S	327.799 E	926.610	5.91
2905.330	101.06	113.86	2285.672	1087.335 S	353.963 E	954.227	3.82
2934.260	102.06	114.41	2279.875	1098.923 S	379.828 E	981.679	1.18
2963.190	102.62	114.71	2273.692	1110.670 S	405.533 E	1009.105	0.66
2992.130	102.45	112.78	2267.410	1122.045 S	431.390 E	1036.418	1.96
3021.100	100.84	108.83	2261.561	1132.118 S	457.908 E	1063.437	4.34
3050.040	100.25	110.72	2256.264	1141.743 S	484.680 E	1090.377	2.02
3078.940	100.82	109.65	2250.980	1151.547 S	511.347 E	1117.345	1.24
3107.890	100.67	108.82	2245.582	1160.917 S	538.201 E	1144.190	0.86
3136.860	98.37	105.95	2240.790	1169.450 S	565.463 E	1170.831	3.78
3165.840	96.81	104.34	2236.962	1176.954 S	593.190 E	1197.196	2.31
3195.210	95.81	101.40	2233.734	1183.455 S	621.645 E	1223.505	3.15
3253.070	96.12	101.34	2227.721	1194.800 S	678.063 E	1274.707	0.16
3282.020	95.38	101.48	2224.820	1200.498 S	706.297 E	1300.344	0.78
3310.990	94.02	101.74	2222.447	1206.309 S	734.579 E	1326.087	1.43
3339.940	92.66	101.22	2220.760	1212.061 S	762.900 E	1351.826	1.51
3368.840	92.41	99.37	2219.482	1217.220 S	791.306 E	1377.261	1.94
3397.770	91.42	97.62	2218.515	1221.491 S	819.901 E	1402.291	2.08
3426.720	92.60	99.37	2217.499	1225.765 S	848.514 E	1427.337	2.19
3455.570	92.29	98.64	2216.269	1230.276 S	876.983 E	1452.417	0.82
3484.490	92.29	97.77	2215.113	1234.400 S	905.583 E	1477.360	0.90
3513.420	91.61	97.05	2214.129	1238.129 S	934.255 E	1502.112	1.03
3542.380	90.19	96.08	2213.674	1241.440 S	963.020 E	1526.677	1.78
3571.300	88.52	94.45	2213.999	1244.093 S	991.815 E	1550.855	2.42
3600.240	86.18	94.28	2215.337	1246.293 S	1020.638 E	1574.773	2.43
3629.180	85.43	94.07	2217.454	1248.395 S	1049.423 E	1598.601	0.81
3658.150	82.83	94.52	2220.417	1250.552 S	1078.158 E	1622.423	2.73
3687.120	79.76	93.37	2224.801	1252.523 S	1106.722 E	1645.997	3.39
3715.070	80.65	95.43	2229.556	1254.637 S	1134.182 E	1668.794	2.38
3744.950	81.33	96.49	2234.236	1257.702 S	1163.533 E	1693.664	1.25
3773.830	83.32	95.40	2238.093	1260.665 S	1191.999 E	1717.778	2.35
3802.710	85.81	97.87	2240.828	1263.988 S	1220.552 E	1742.185	3.64
3831.660	85.74	99.00	2242.961	1268.223 S	1249.110 E	1767.164	1.17
3860.590	86.73	99.67	2244.861	1272.905 S	1277.595 E	1792.363	1.24
3889.570	84.94	99.10	2246.965	1277.618 S	1306.110 E	1817.606	1.94
3918.450	84.50	98.36	2249.623	1281.983 S	1334.534 E	1842.561	0.89
3947.390	85.99	98.56	2252.022	1286.226 S	1363.060 E	1867.519	1.56
3976.360	88.03	99.24	2253.533	1290.702 S	1391.640 E	1892.665	2.23
3987.000	88.80	99.50	2253.827	1292.434 S	1402.134 E	1901.953	2.29

CALCULATION BASED ON MINIMUM CURVATURE METHOD

SURVEY COORDINATES RELATIVE TO WELL SYSTEM REFERENCE POINT
TVD VALUES GIVEN RELATIVE TO DRILLING MEASUREMENT POINT

VERTICAL SECTION RELATIVE TO WELL HEAD
VERTICAL SECTION IS COMPUTED ALONG A DIRECTION OF 128.53 DEGREES (GRID)
A TOTAL CORRECTION OF 12.29 DEG FROM MAGNETIC NORTH TO GRID NORTH HAS BEEN APPLIED

HORIZONTAL DISPLACEMENT IS RELATIVE TO THE WELL HEAD.
HORIZONTAL DISPLACEMENT(CLOSURE) AT 3987.000 METRES
IS 1906.926 METRES ALONG 132.67 DEGREES (GRID)

Date Printed:27 September 2006

MWD RUN 100 - BHA

Heavy Weight

Jar

Component Length (m)
















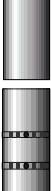



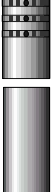














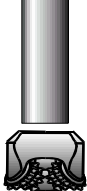





48.310

MWD RUN 100 - MWD















Positive Pulser



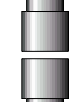




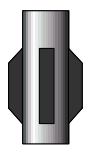











TM

Sensor Measure Point Distance To Bit (m)

		9.700			
					
					
Heavy Weight		144.730			
					
X-Over Sub		1.190			
					
Spiral Drill Collar		26.750			
					
Non-Magnetic		8.480			
					
Float Sub		1.080			
					
MWD		14.44			
					
Flex		2.770			
					
MWD		6.620			
					
PDC		.620			

MWD RUN 200 - BHA	MWD RUN 200 - MWD
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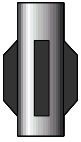





		Component Length (m)			Sensor Measure Point Distance To Bit (m)
Heavy Weight		19.200			
					
					
					
					
					

Jar		9.860	PWD Insert		27.290
Heavy Weight		57.810	ACAL Insert		23.530
X-Over Sub		1.300	CTN Insert		24.590
Non-Magnetic		18.810	ALD Insert		20.520
Float Sub		.800	HCIM Insert		
MWD		22.01	EWR-P4 Insert		12.890
Flex		2.800	DDS Insert		0
Geo-Pilot		6.140	DGR Insert		10.560
PDC		.420	DM Sonde		8.020
			AGR Insert		

MWD RUN 300 - BHA

MWD RUN 300 - MWD

	Component Length (m)		Sensor Measure Point Distance To Bit (m)
Heavy Weight	19.190	ACAL Insert	
Jar	9.860	TM	

		.420				
PDC						
Geo-Pilot		7.070				8.950
Flex		2.810				11.500
		22.47				0
MWD						13.850
		.800				
Float Sub						21.430
Non-Magnetic		18.810				24.290
X-Over Sub		1.300				26.880
		57.810				
Heavy Weight						