RADIATION GUARD LOG

Company Habit Petroleum, LLC.
Well Schmidt #3
Field Leiker East
County Ellis State KS

Company Habit Petroleum, LLC.
Well Schmidt #3
Field Leiker East
County Ellis
State KS

Location: API # : 15 051 26547

1100' FNL & 330' FWL

SEC 12 TWP 15S RGE 18W

Other Services

ML

Elevation

K.B. 2011'
D.F. 2010'
G.L. 2006'

Permanent Datum	Ground Level	Elevation 2006'
Log Measured From	KB 5' AGL	
Drilling Measured From	KB	

Date	6-29-13		
Run Number	One		
Depth Driller	3675'		
Depth Logger	3674'		
Bottom Logged Interval	3674'		
Top Log Interval	200'		
Casing Driller	252'		
Casing Logger	252'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical Mud		
Density / Viscosity	9.4/55		
pH / Fluid Loss	10.5/7.8		
Source of Sample	Pit		
Rm @ Meas. Temp	.8@68degf		
Rmf @ Meas. Temp	.45@68degf		
Rmc @ Meas. Temp	.72@68degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	.48@112degf		
Time Circulation Stopped	12:30 p.m.		
Time Logger on Bottom	2:20 p.m.		
Maximum Recorded Temperature	112 degf		
Equipment Number	T127		
Location	Hays, KS.		
Recorded By	Gus Pfanenstiel		
Witnessed By	Mr. Duane Stecklein		

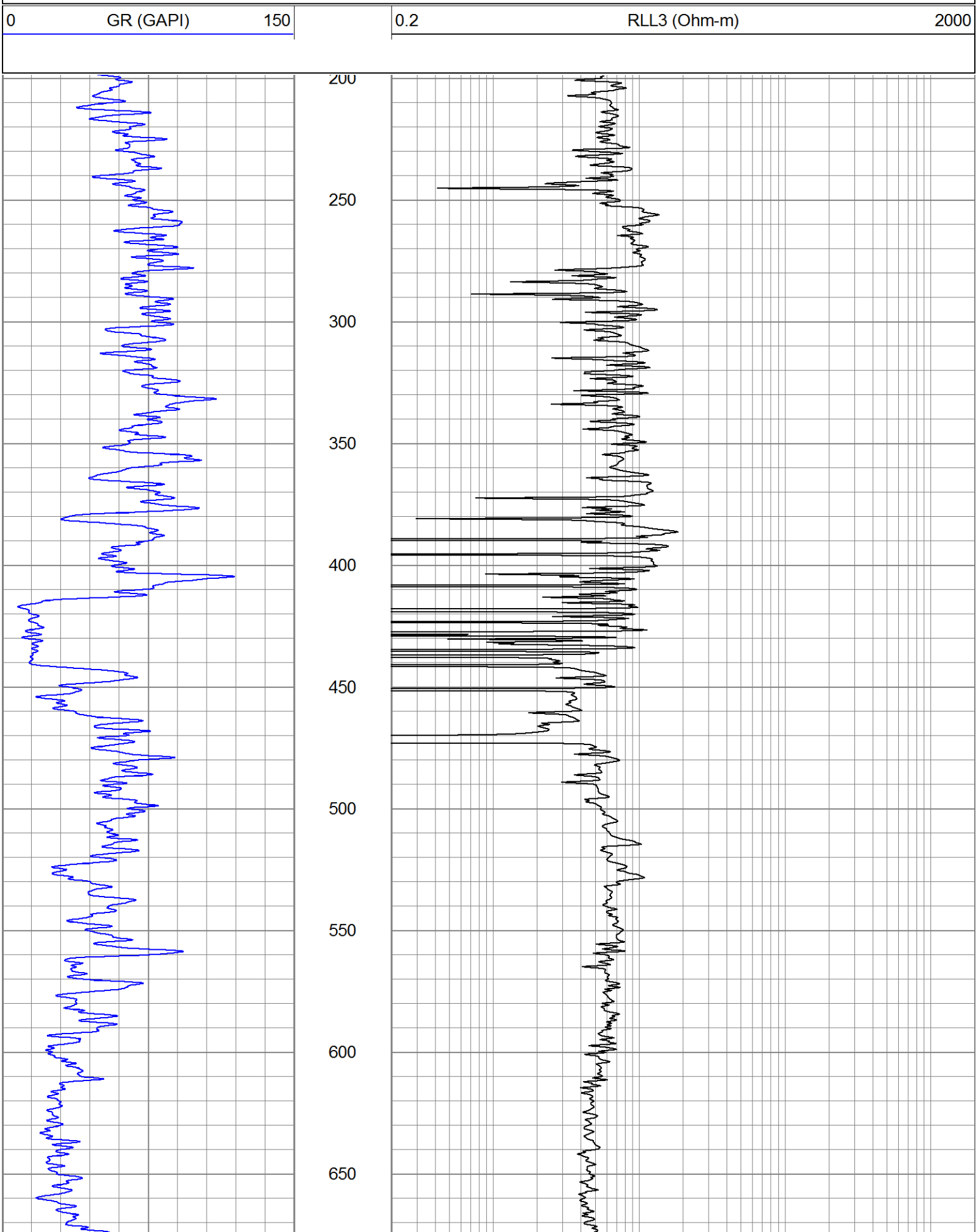
<<< Fold Here >>>

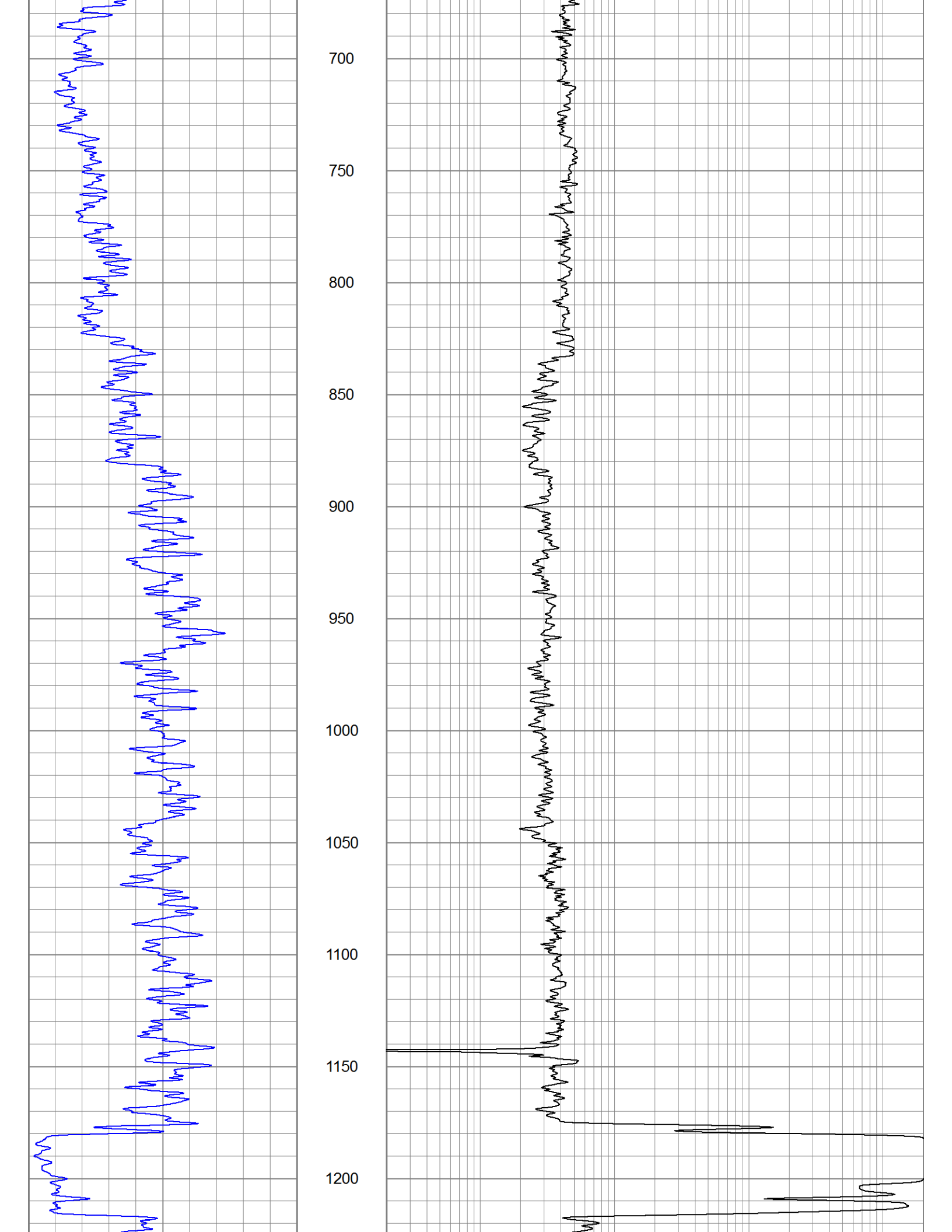
Comments

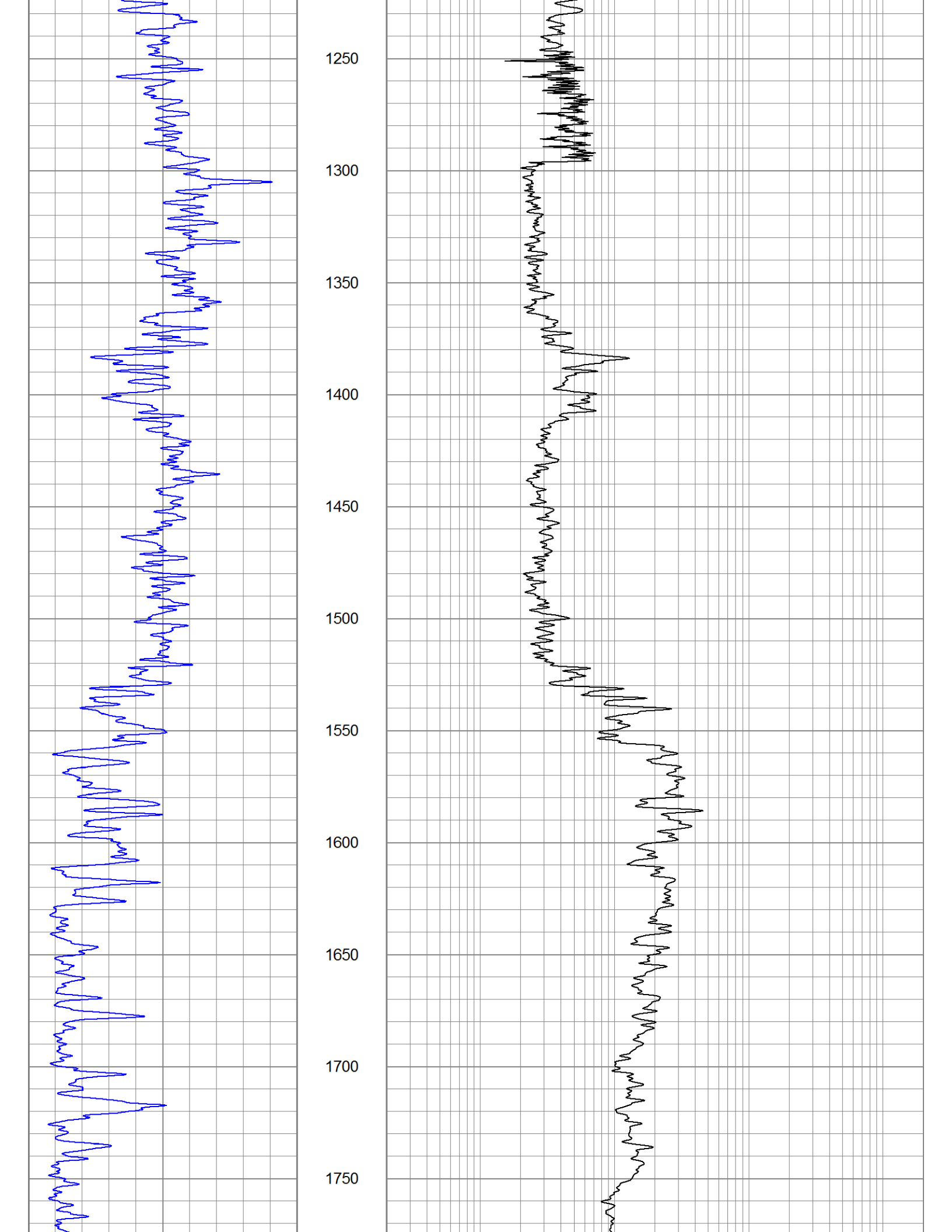
Thank you for using Gemini Wireline
785-625-1182

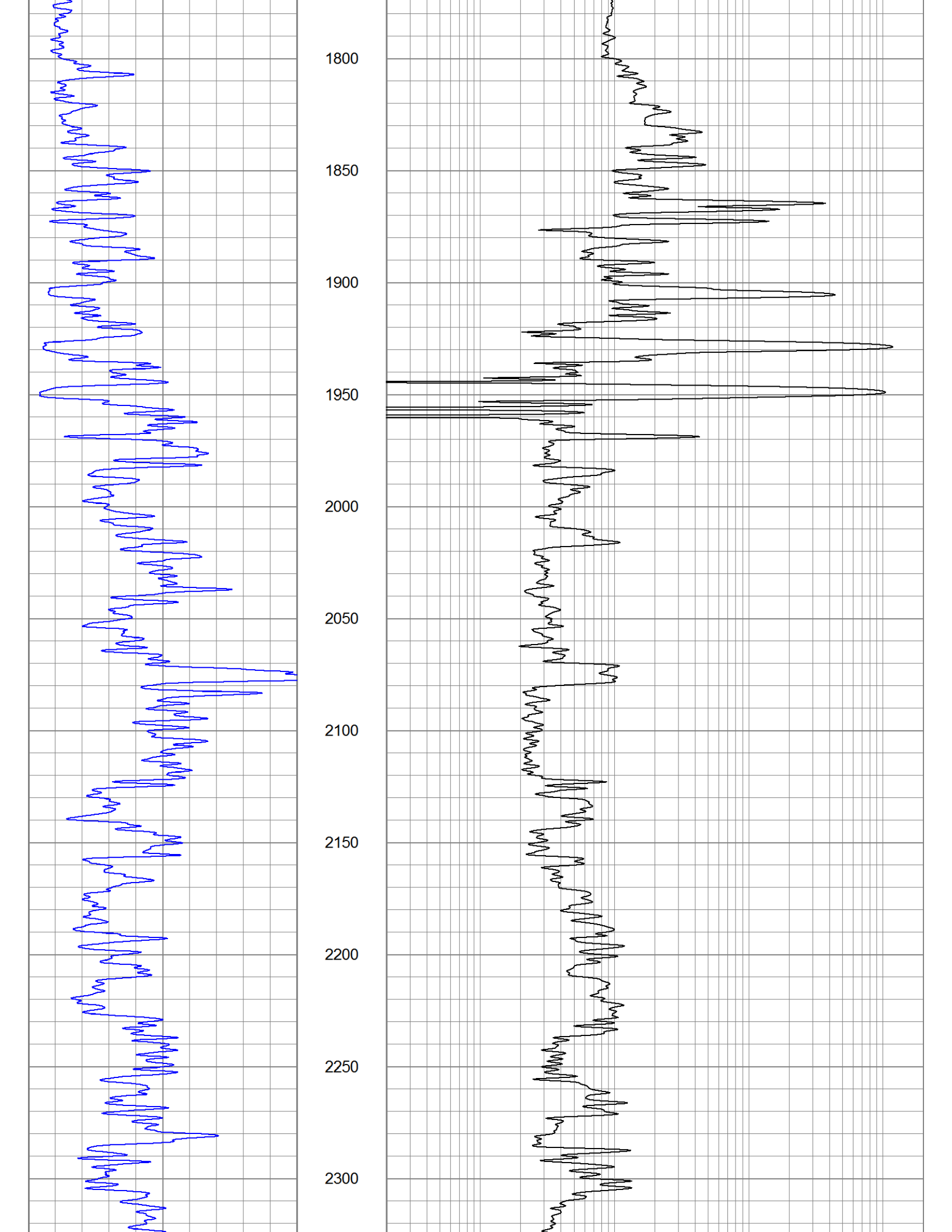
Main Pass

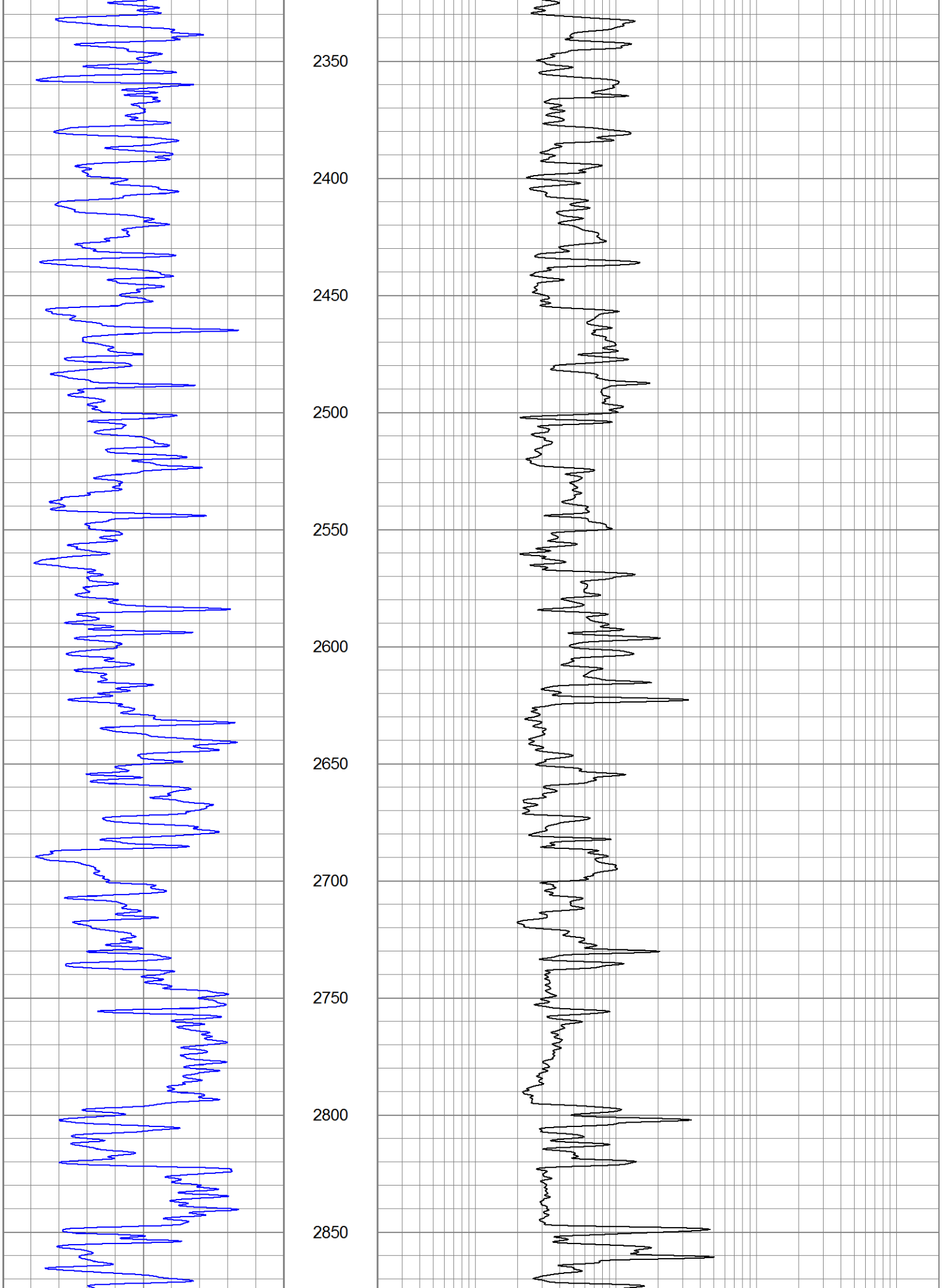
Database File	hpschmidt#3oh.db
Dataset Pathname	pass2
Presentation Format	krglin
Dataset Creation	Sat Jun 29 14:38:17 2013
Charted by	Depth in Feet scaled 1:600

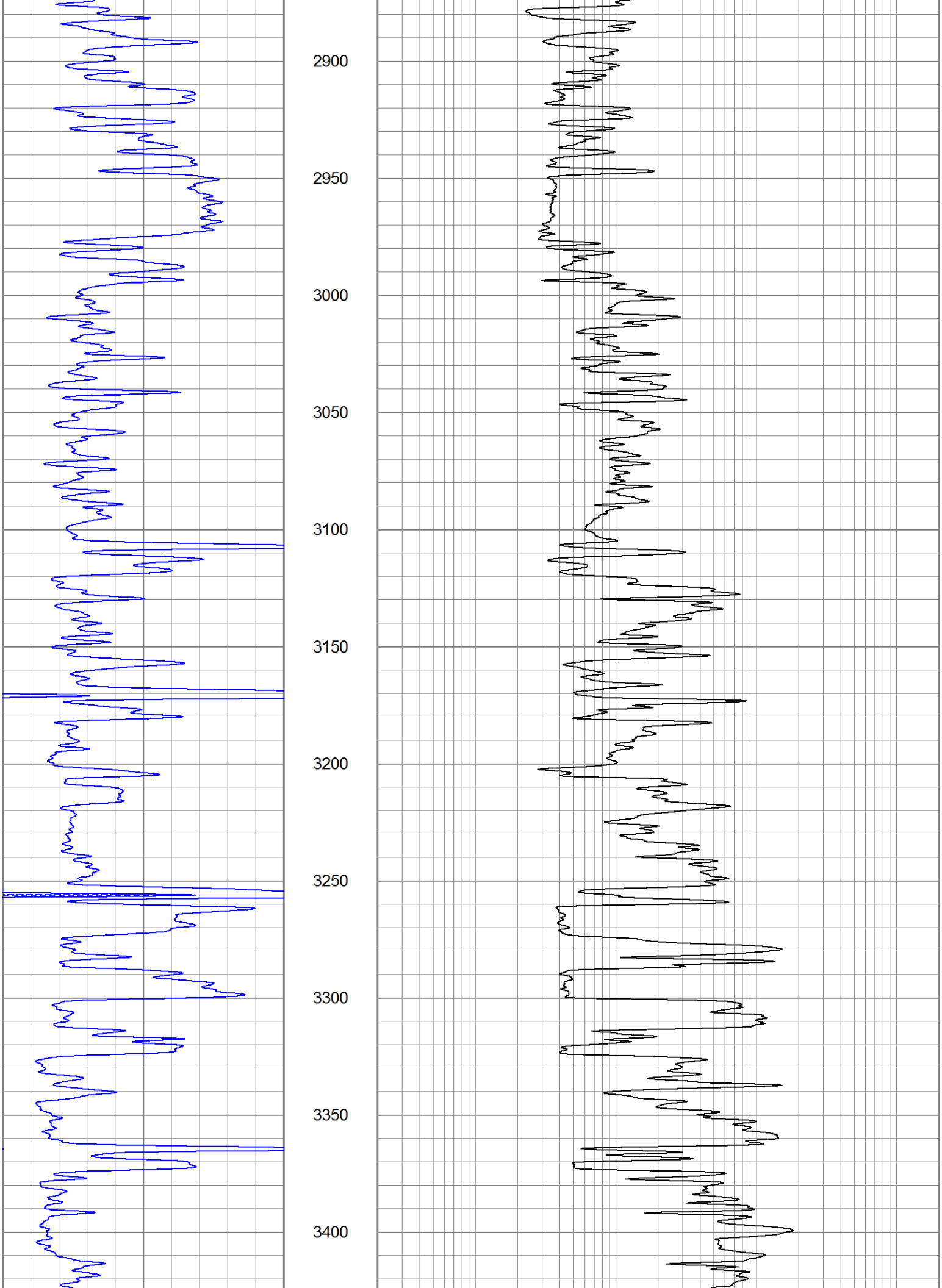


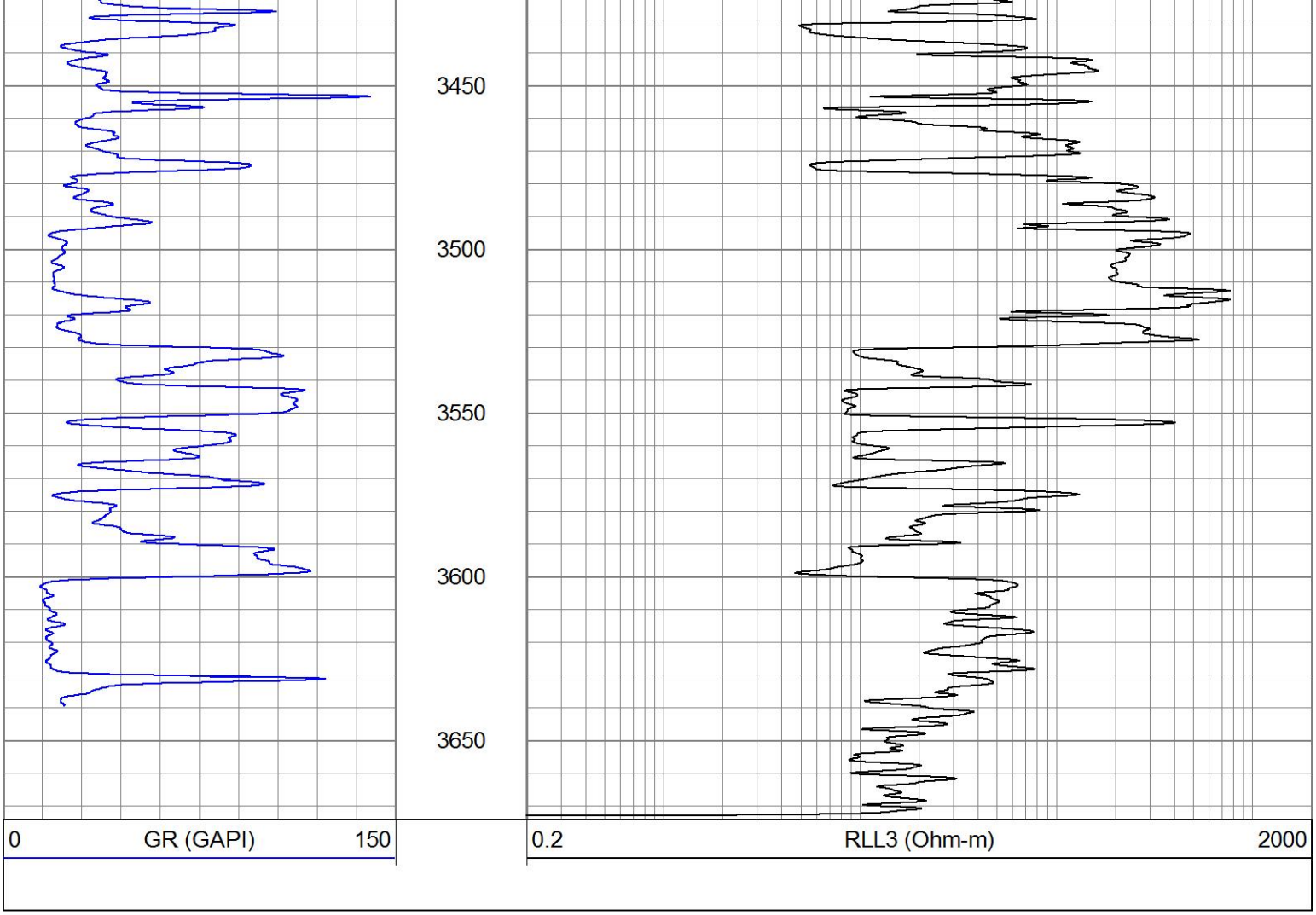

700
750
800
850
900
950
1000
1050
1100
1150
1200


1250
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750


1800
1850
1900
1950
2000
2050
2100
2150
2200
2250
2300


2350
2400
2450
2500
2550
2600
2650
2700
2750
2800
2850


2900
2950
3000
3050
3100
3150
3200
3250
3300
3350
3400

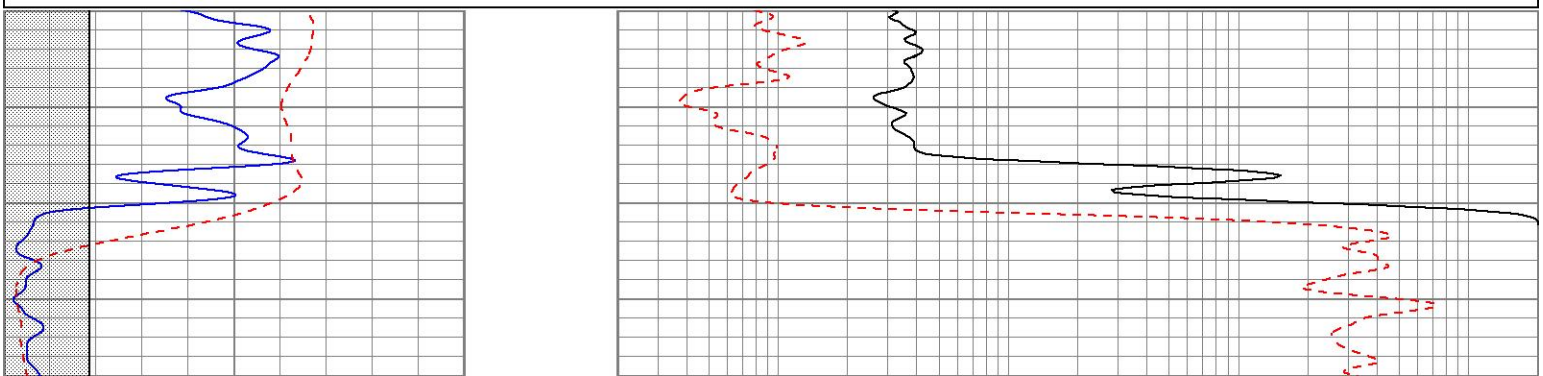


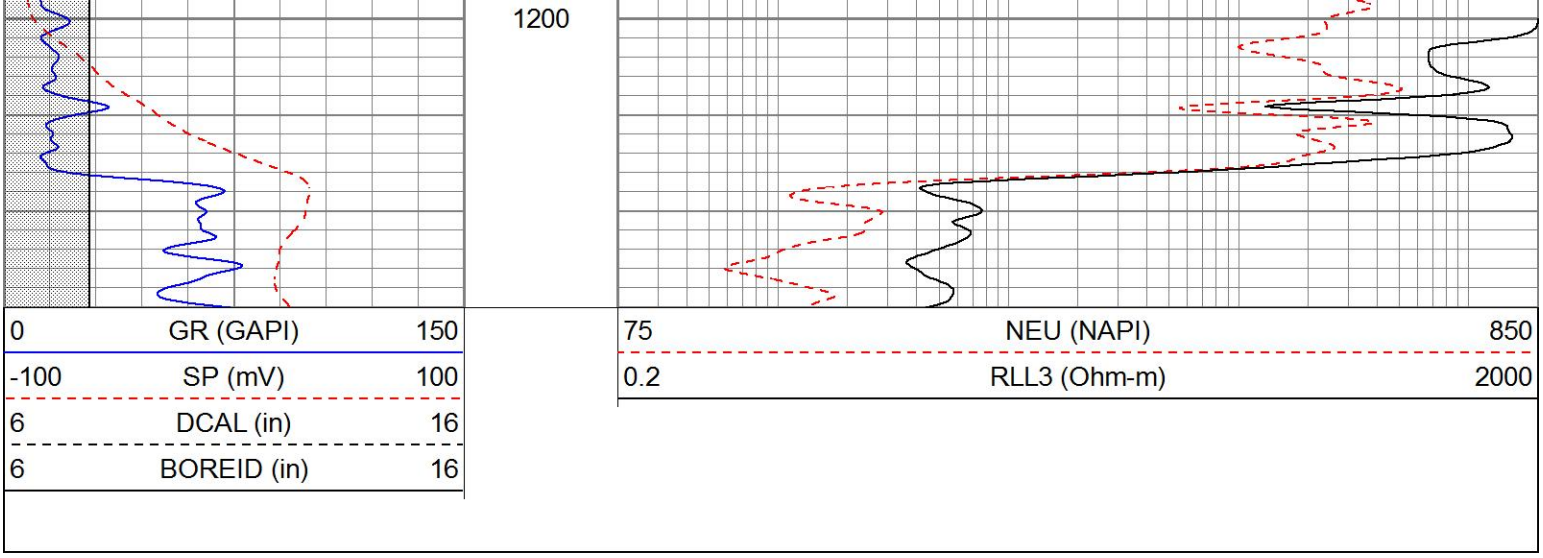
Main Pass

Database File	hpschmidt#3oh.db
Dataset Pathname	pass2
Presentation Format	krg
Dataset Creation	Sat Jun 29 14:38:17 2013
Charted by	Depth in Feet scaled 1:240

0	GR (GAPI)	150
-100	SP (mV)	100
6	DCAL (in)	16
6	BOREID (in)	16

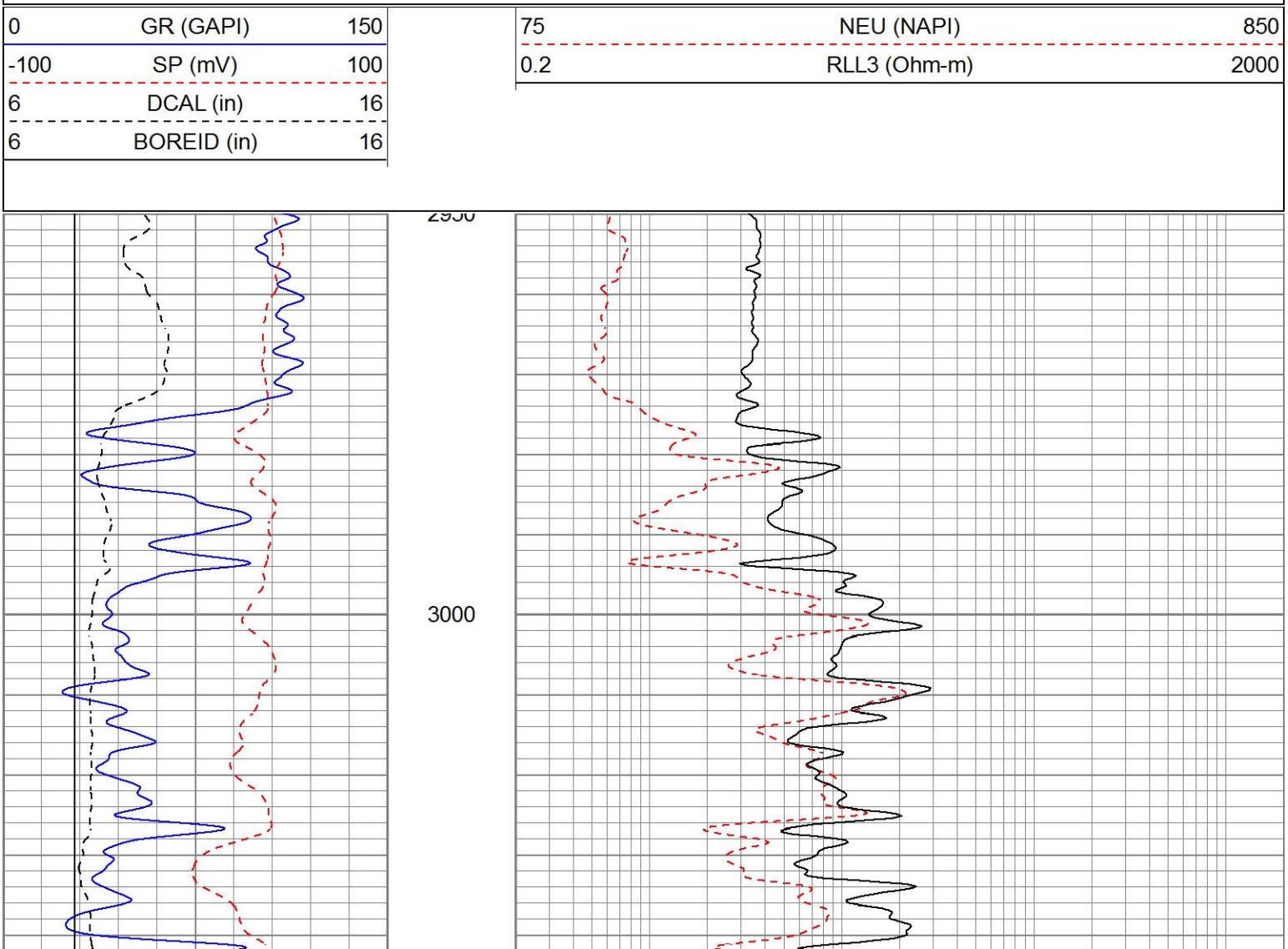
75	NEU (NAPI)	850
0.2	RLL3 (Ohm-m)	2000

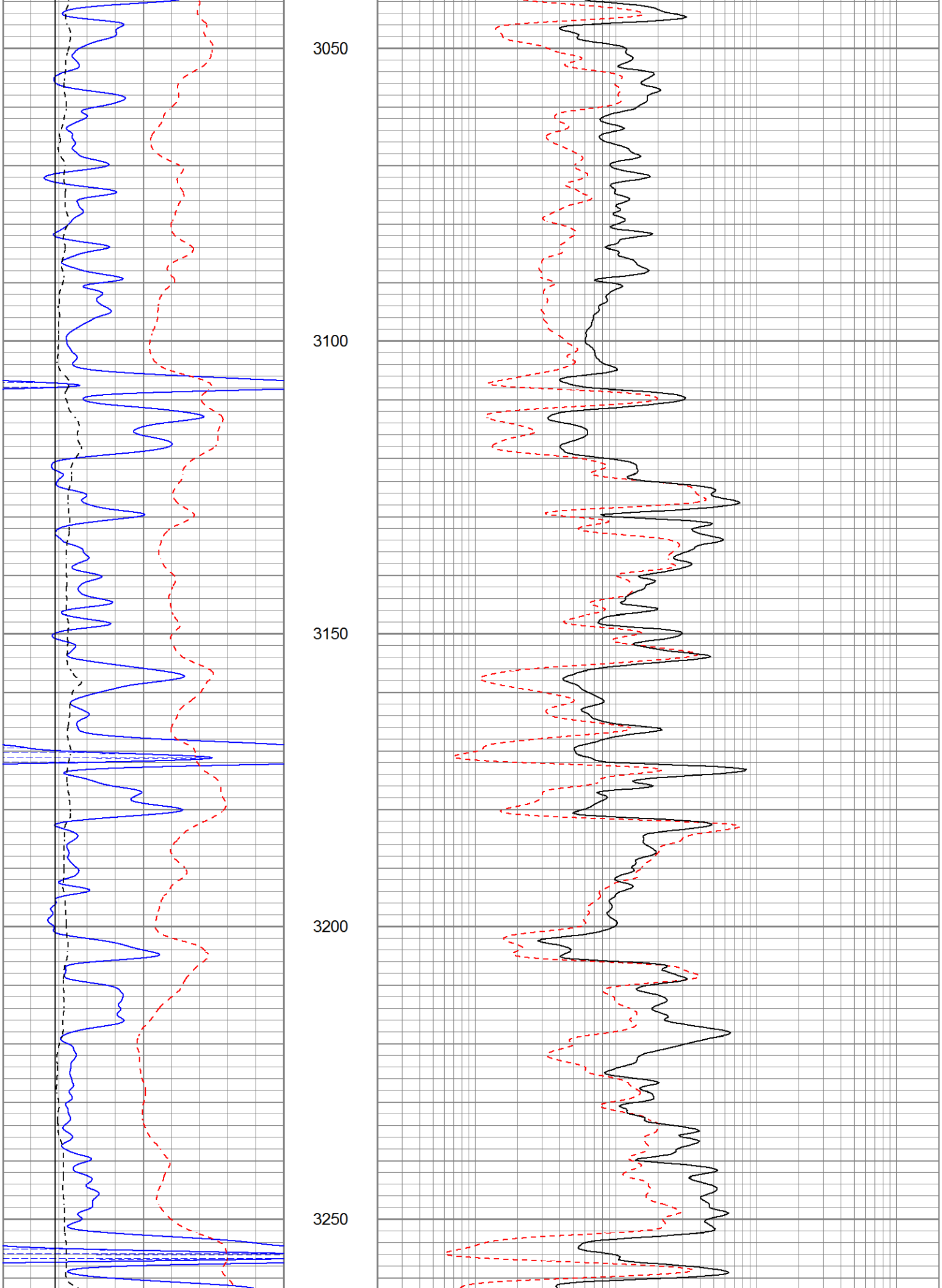


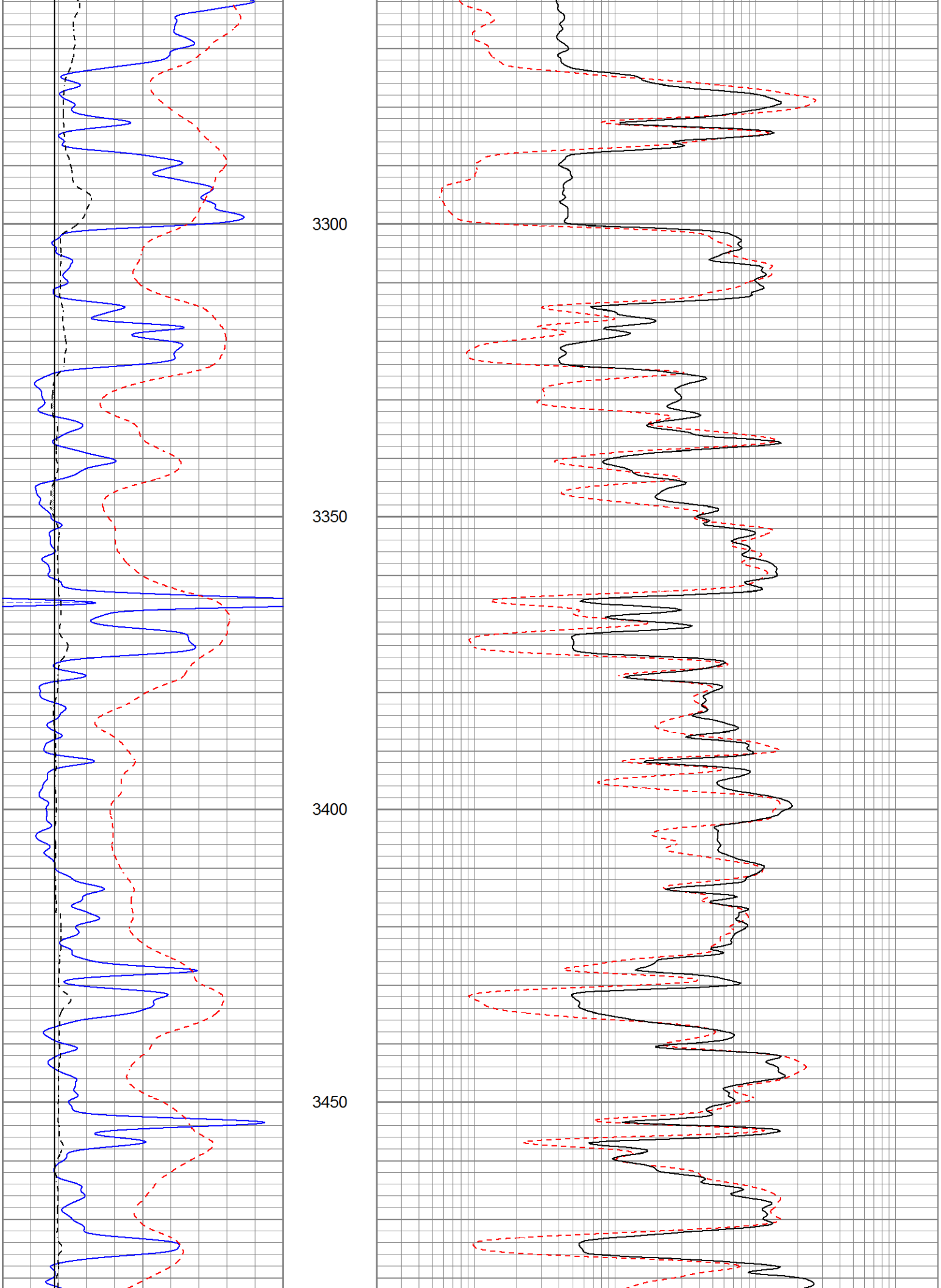


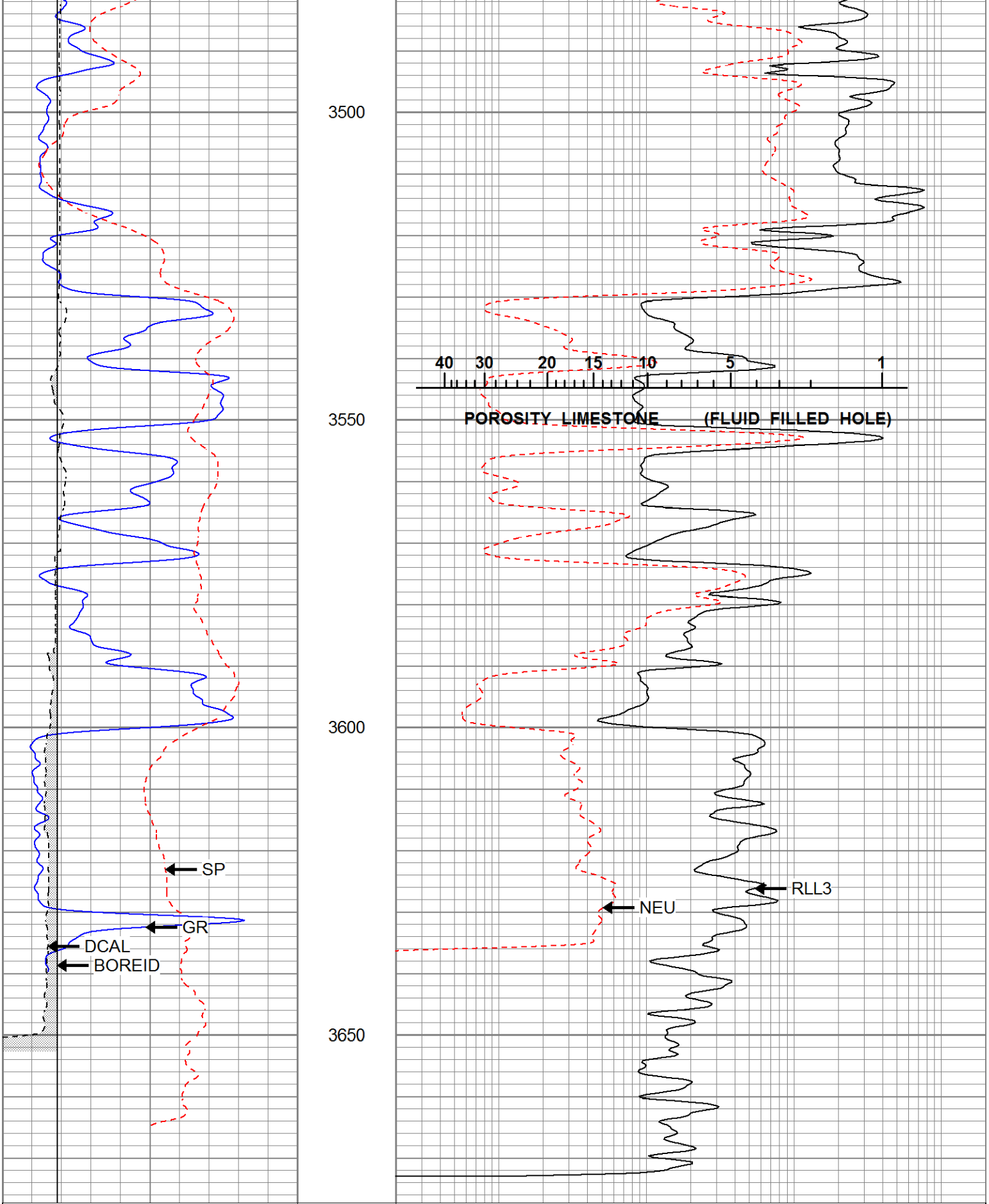
Main Pass

Database File	hpschmidt#3oh.db
Dataset Pathname	pass2
Presentation Format	krg
Dataset Creation	Sat Jun 29 14:38:17 2013
Charted by	Depth in Feet scaled 1:240




3050
3100
3150
3200
3250


3300
3350
3400
3450



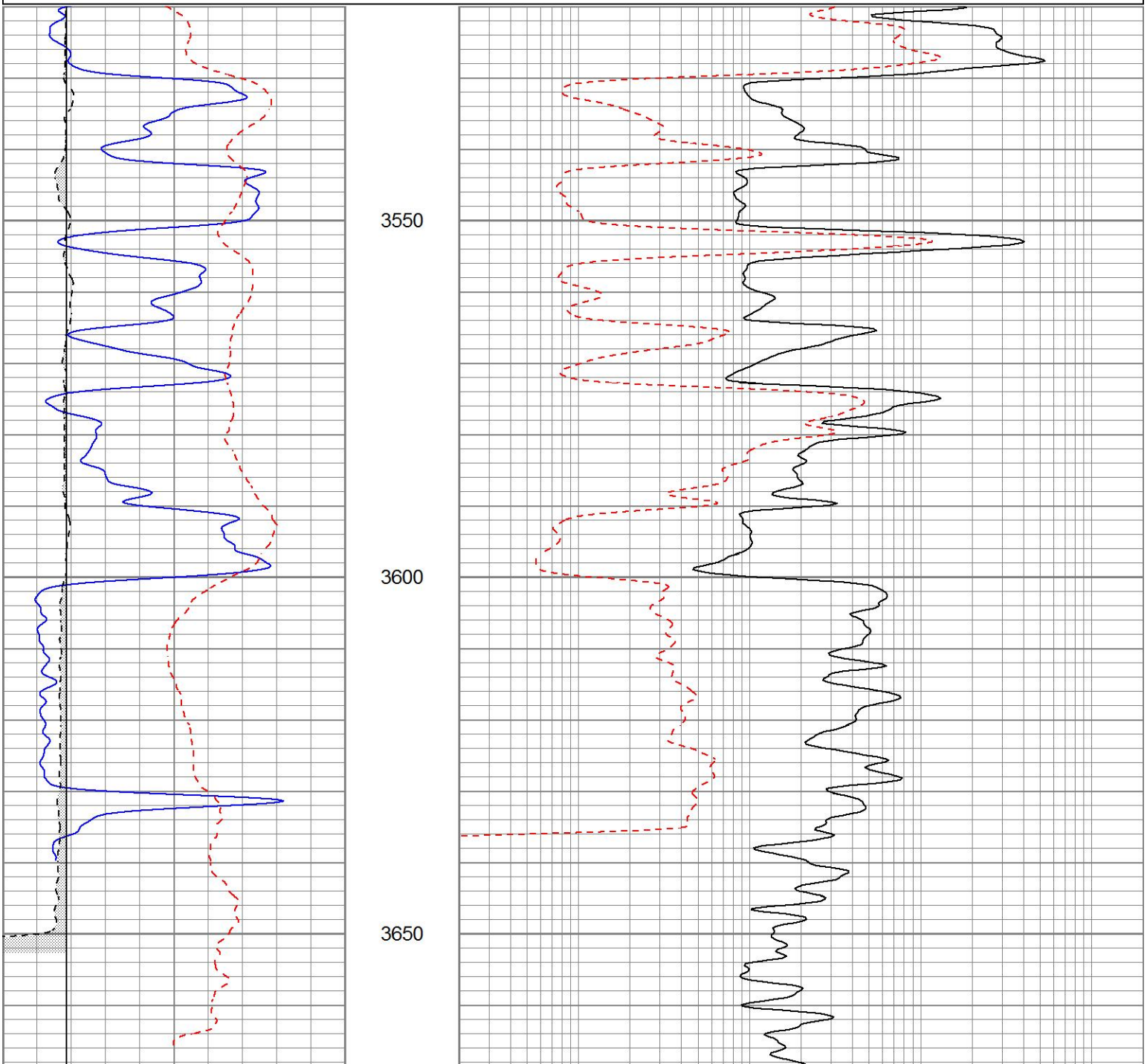
0	GR (GAPI)	150
-100	SP (mV)	100
6	DCAL (in)	16
6	BOREID (in)	16
75	NEU (NAPI)	850
0.2	RLL3 (Ohm-m)	2000

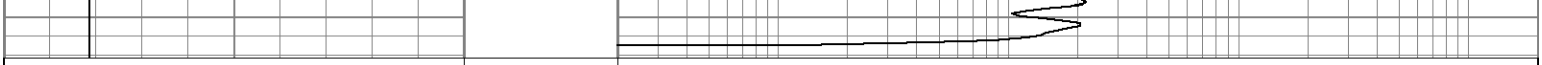
Repeat Pass

Database File	hpschmidt#3oh.db
Dataset Pathname	pass1.1
Presentation Format	krg
Dataset Creation	Sat Jun 29 14:50:21 2013
Charted by	Depth in Feet scaled 1:240

0	GR (GAPI)	150
-100	SP (mV)	100
6	DCAL (in)	16
6	BOREID (in)	16

75	NEU (NAPI)	850
0.2	RLL3 (Ohm-m)	2000





0	GR (GAPI)	150
-100	SP (mV)	100
6	DCAL (in)	16
6	BOREID (in)	16

75	NEU (NAPI)	850
0.2	RLL3 (Ohm-m)	2000

Calibration Report

Database File hpschmidt#3oh.db
Dataset Pathname pass1.1
Dataset Creation Sat Jun 29 14:50:21 2013

Dual Induction Calibration Report

Serial-Model: 5375-G
Surface Cal Performed: Wed Apr 24 10:24:39 2013
Downhole Cal Performed: Wed Apr 24 10:24:44 2013
After Survey Verification Performed: Wed Apr 24 10:24:46 2013

Surface Calibration

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.004	0.642	V	0.000	350.000	mmho/m	548.978	-2.319
Medium	0.008	0.744	V	0.000	400.000	mmho/m	543.196	-4.293
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.005	0.642	V	0.000	350.000	mmho/m	548.752	-2.529
Medium	0.008	0.744	V	0.000	550.000	mmho/m	746.807	-5.812

Downhole Calibration

	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.271	350.533	mmho/m	0.211	350.355	mmho/m	1.000	-0.060
Medium	-0.023	400.162	mmho/m	-0.066	399.980	mmho/m	1.000	-0.043
Shallow	2.479	0.015	V	500.000	2.000	Ohm-m	202.133	-1.103

After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	0.271	350.533	mmho/m	1.000	-0.060
Medium	0.000	0.000	mmho/m	-0.023	400.162	mmho/m	1.000	-0.043
Shallow	0.000	0.000	Ohm-m	500.000	2.000	Ohm-m	1.000	0.000

Compensated Density Calibration Report

Serial-Model: 2501DHT-DHT
Source / Verifier: csv-j12 /
Master Calibration Performed: Mon May 27 11:08:09 2013
Before Survey Verification Performed:
After Survey Verification Performed:

Master Calibration

	Density		Far Detector		Near Detector	

	Density		Far Detector	Near Detector	
Magnesium	1.750	g/cc	721.95	287.97	cps
Aluminum	2.660	g/cc	136.17	188.42	cps

Spine Angle = 75.73

Density/Spine Ratio = 0.529

	Size		Reading
Small Ring	8.60	in	6273.19
Large Ring	14.00	in	10676.90

Before Survey Verification

	Target		Measured	
		g/cc		g/cc
		g/cc		g/cc
		g/cc		g/cc

After Survey Verification

	Target		Measured	
		g/cc		g/cc
		g/cc		g/cc
		g/cc		g/cc

Gamma Ray Calibration Report

Serial Number:	2001	
Tool Model:	OH	
Performed:	Tue Jun 11 15:41:32 2013	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2300	GAPI/cps

Neutron Calibration Report

Serial Number:	5108	
Tool Model:	PROBE	
Performed:	Tue Jun 11 15:41:41 2013	
Calibrator Value:	1	NAPI
Calibrator Reading:	1	cps
Sensitivity:	1	NAPI/cps

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb
			None	0.75	1.50	5.00
NEU	38.26		NEU-PROBE (5108) Probe	4.92	3.63	85.00
GR	32.32		GR-OH (2001) 2001	3.56	3.25	40.00

DHT (2501DHT) Digital High Temp CDL Tool	9.69	4.00	201.00
LSD	23.78			
DCAL	23.49			
SSD	23.24			
HEADVOLT	21.47			
DIL-G (5375) Gearhart	21.47	4.00	345.00
SP	10.60			
CILD	10.60			
CILM	6.89			
RLL3	1.70			

Dataset:	hpschmidt#3oh.db: field/well/run1/pass1.1
Total length:	40.39 ft
Total weight:	676.00 lb
O.D.:	4.00 in