

COMPENSATED DENSITY NEUTRON LOG

Company	Castle Resources Inc.	Company	Castle Resources Inc.
Well	Hawkinson #1	Well	Hawkinson #1
Field	Wildcat	Field	Wildcat
County	Ness	County	Ness
State	Kansas	State	Kansas
Location:	API # : 15 135 25478	Other Services	
Permanent Datum	2035' FSL & 2200' FWL	DIL	
Log Measured From	KB 5' AGL	Elevation	
Drilling Measured From	KB	K.B. 2256'	
		D.F. 2255'	
		G.L. 2251'	
Date	9-22-12		
Run Number	One		
Depth Driller	4350'		
Depth Logger	4352'		
Bottom Logged Interval	4329'		
Top Log Interval	3400'		
Casing Driller	8 5/8" @ 205'		
Casing Logger	205'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	9.5/50		
pH / Fluid Loss	8.0/11.2		
Source of Sample	Pit		
Rm @ Meas. Temp	.36@76degf		
Rmf @ Meas. Temp	.27@76degf		
Rmc @ Meas. Temp	.43@76degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	.23@120degf		
Time Circulation Stopped	1:00 p.m.		
Time Logger on Bottom	3:00 p.m.		
Maximum Recorded Temperature	120degf		
Equipment Number	T045		
Location	Hays, KS.		
Recorded By	L. Smith		
Witnessed By	Mr. Jerry Green		

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

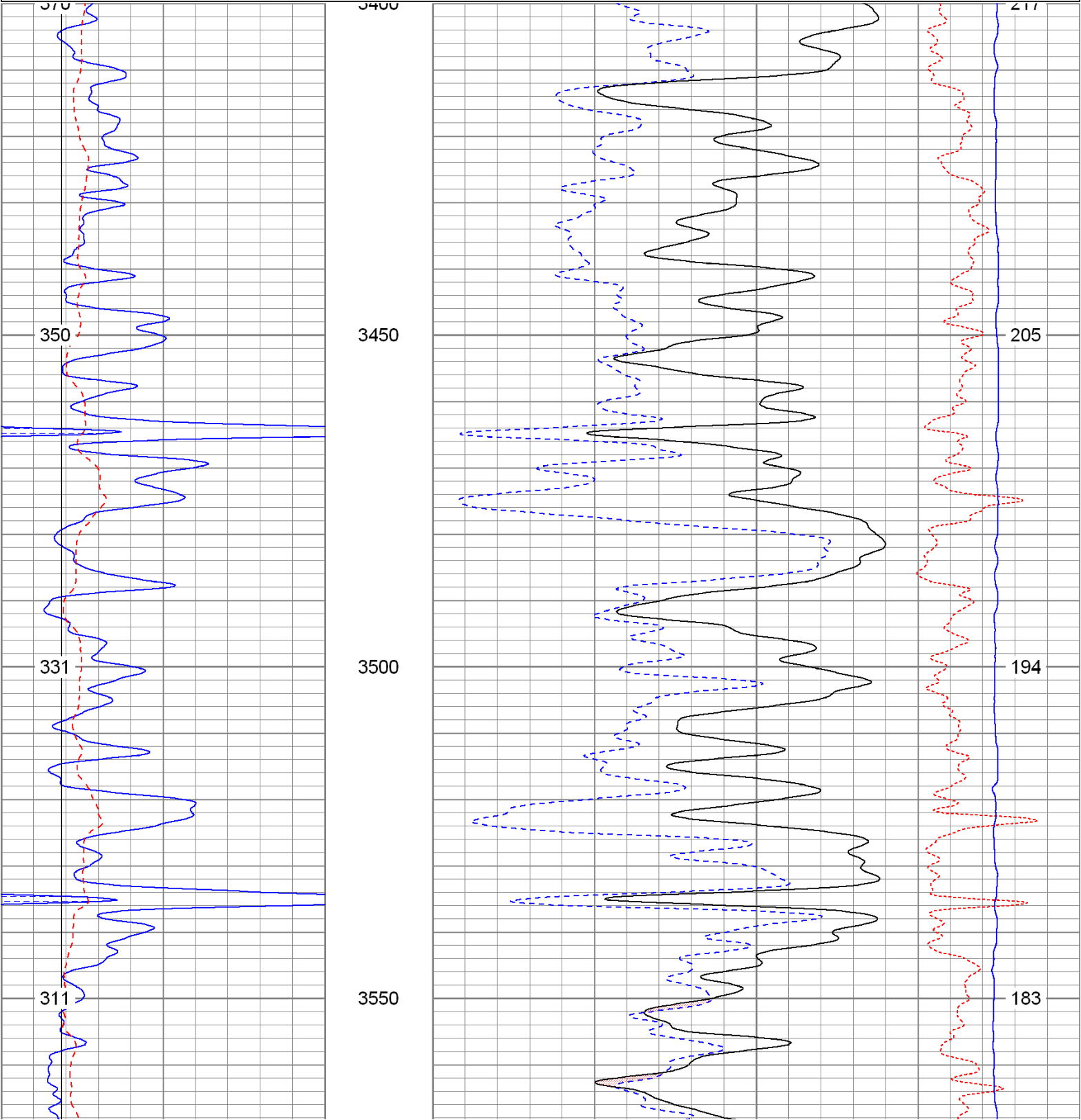
Comments

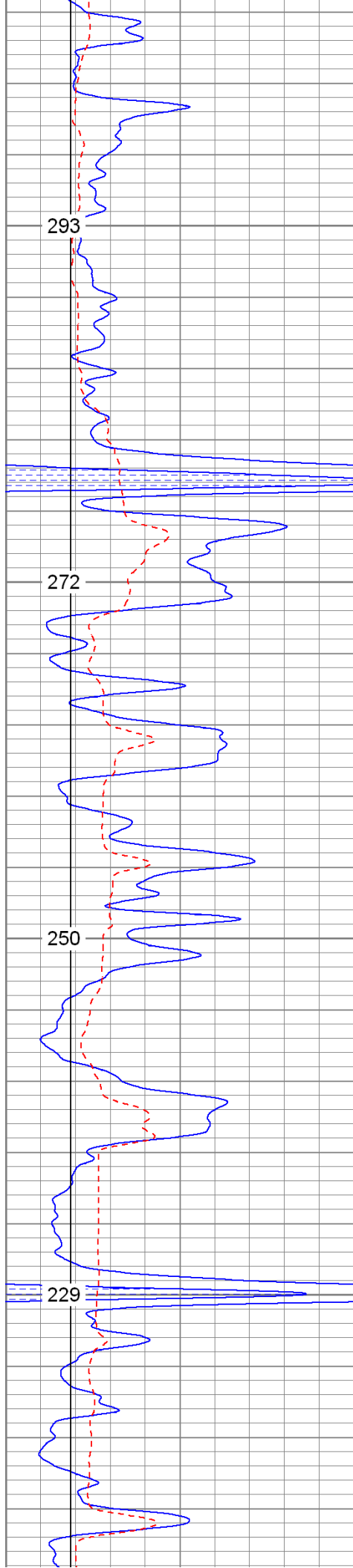
ABHV Caculated for 5.5" Casing.

Thanks for using The Perforators LLC Hays, KS. (785-621-4604)

Database File: crhawkinson#1oh.db
Dataset Pathname: pass2
Presentation Format: kcdnl
Dataset Creation: Sat Sep 22 15:09:15 2012 by Log Open-Cased 100827
Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	150	30	NPOR (pu)	-10	
6	DCAL (in)	16	30	DPOR (pu)	-10	
6	BOREID (in)	16	70	DPOR (pu)	30	
TBHV (ft3)				-0.25	RHOC (g/cc)	0.25
				8000	LTEN (lb)	0
						ABHV (ft3)



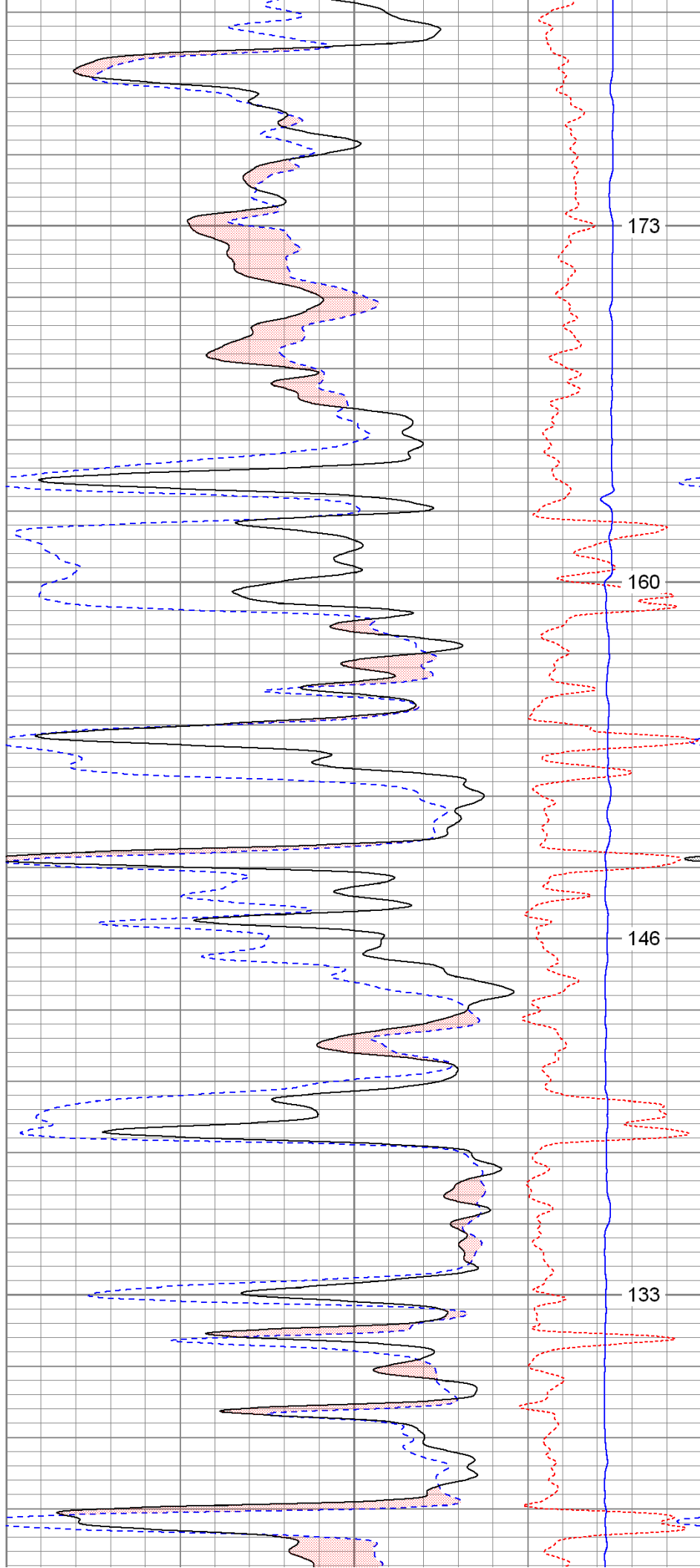


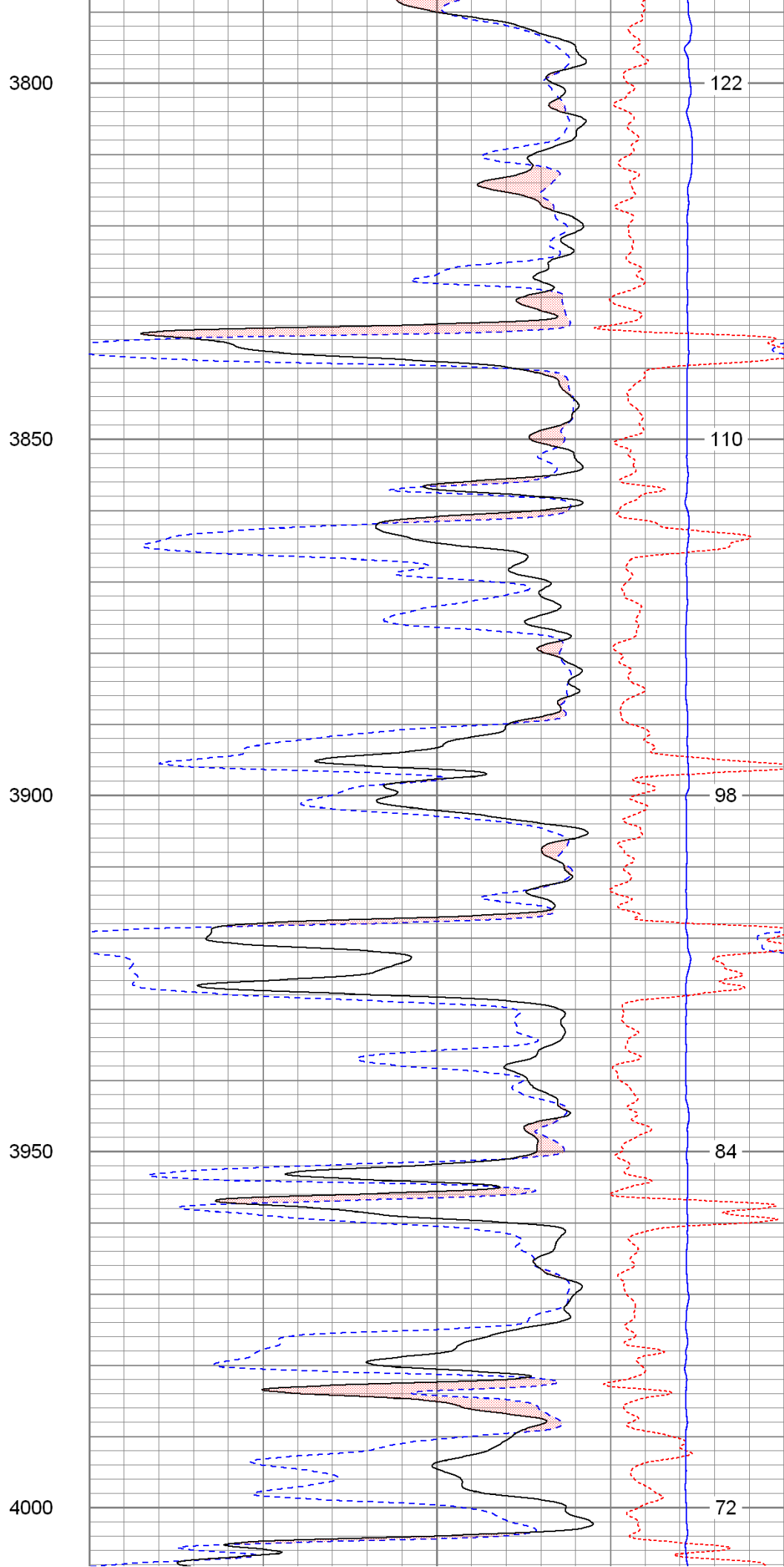
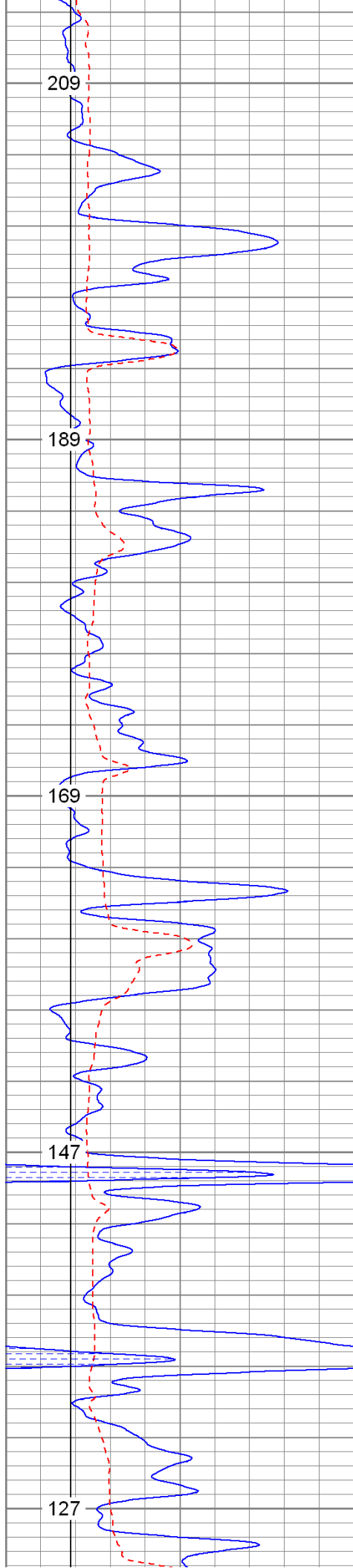
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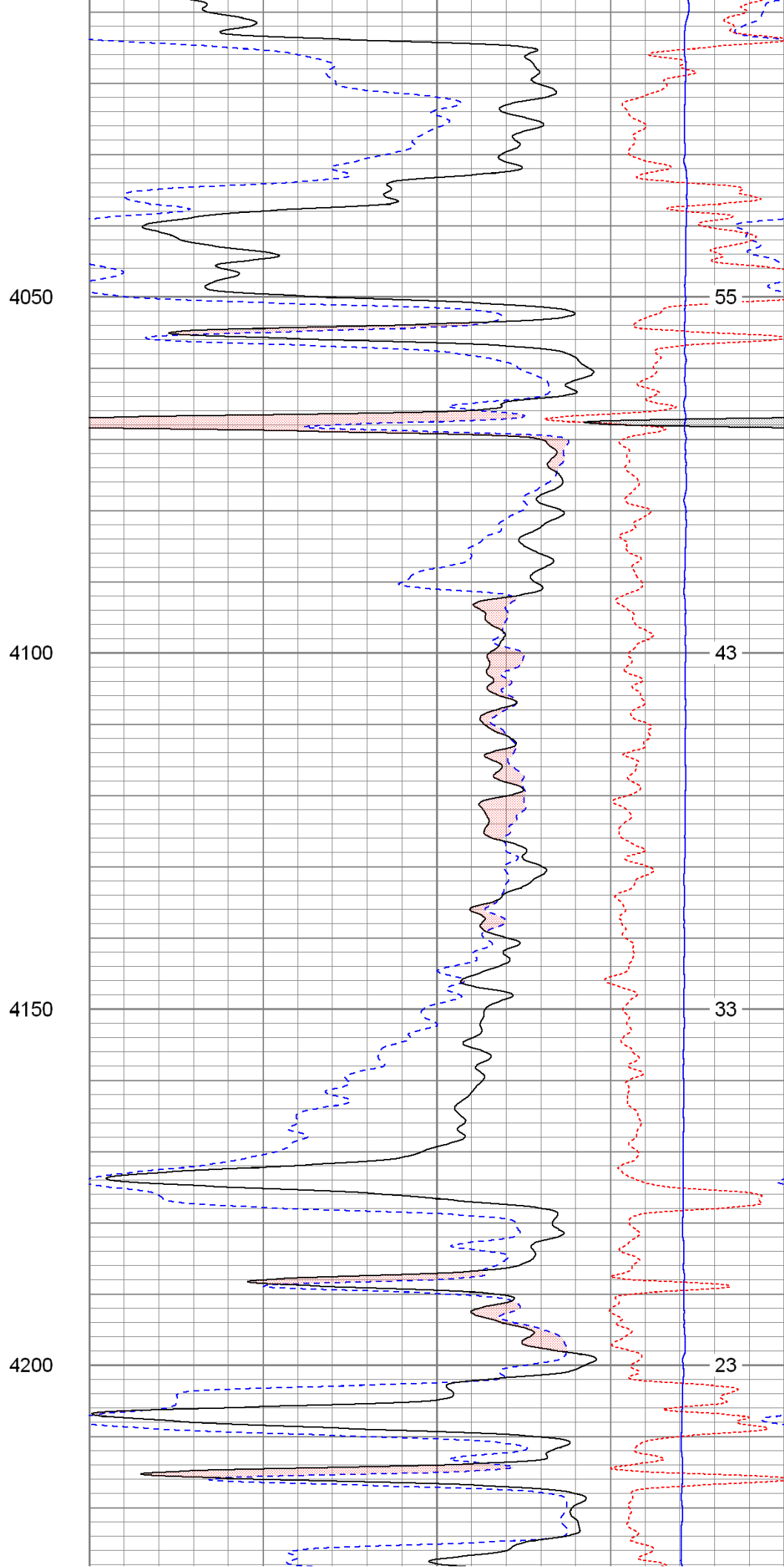
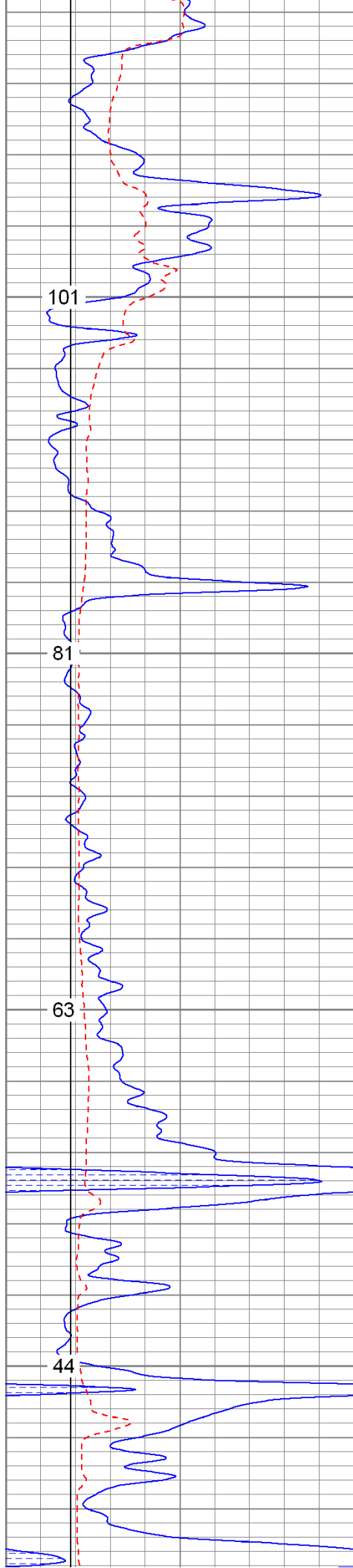
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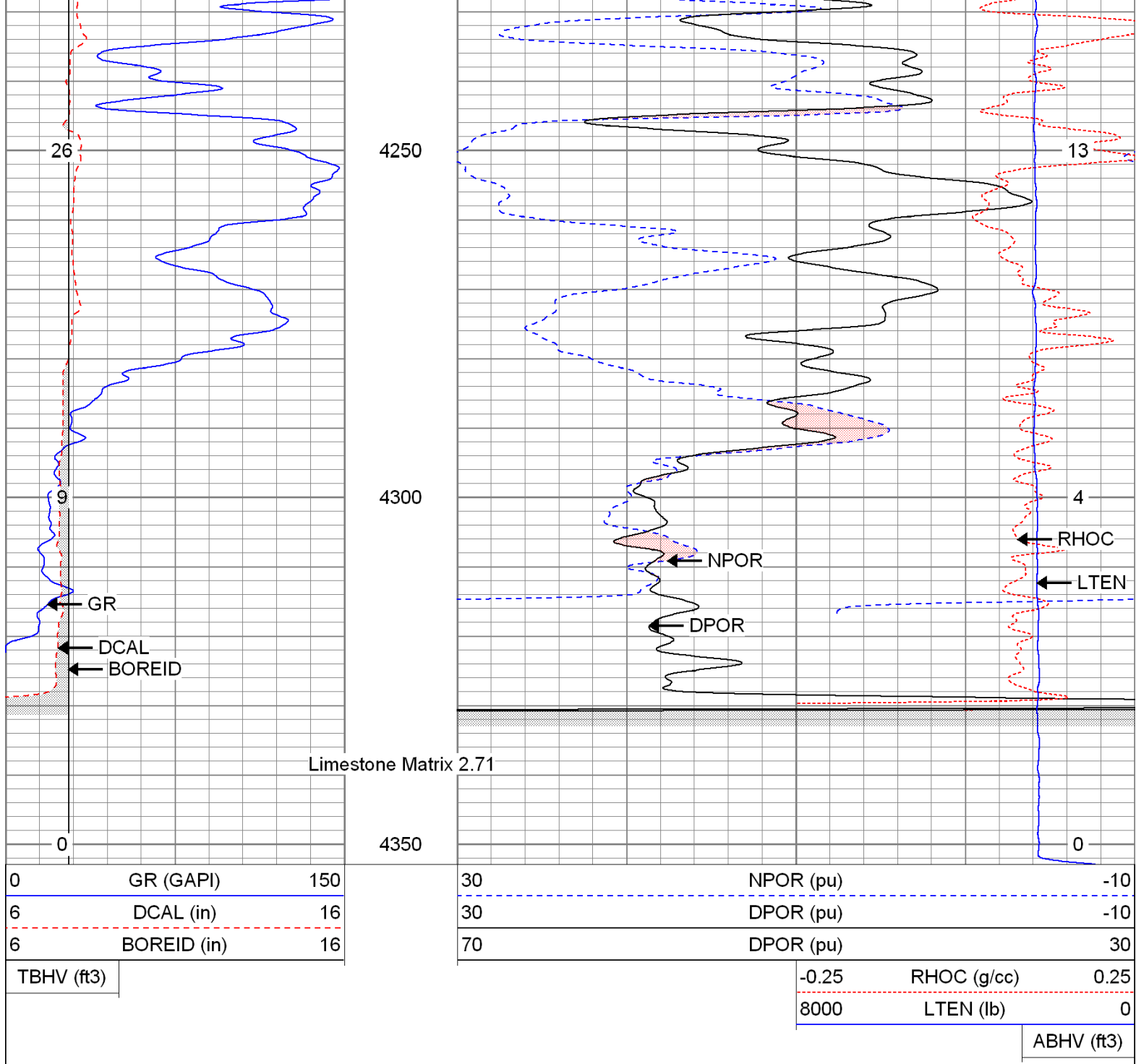
3700

3750





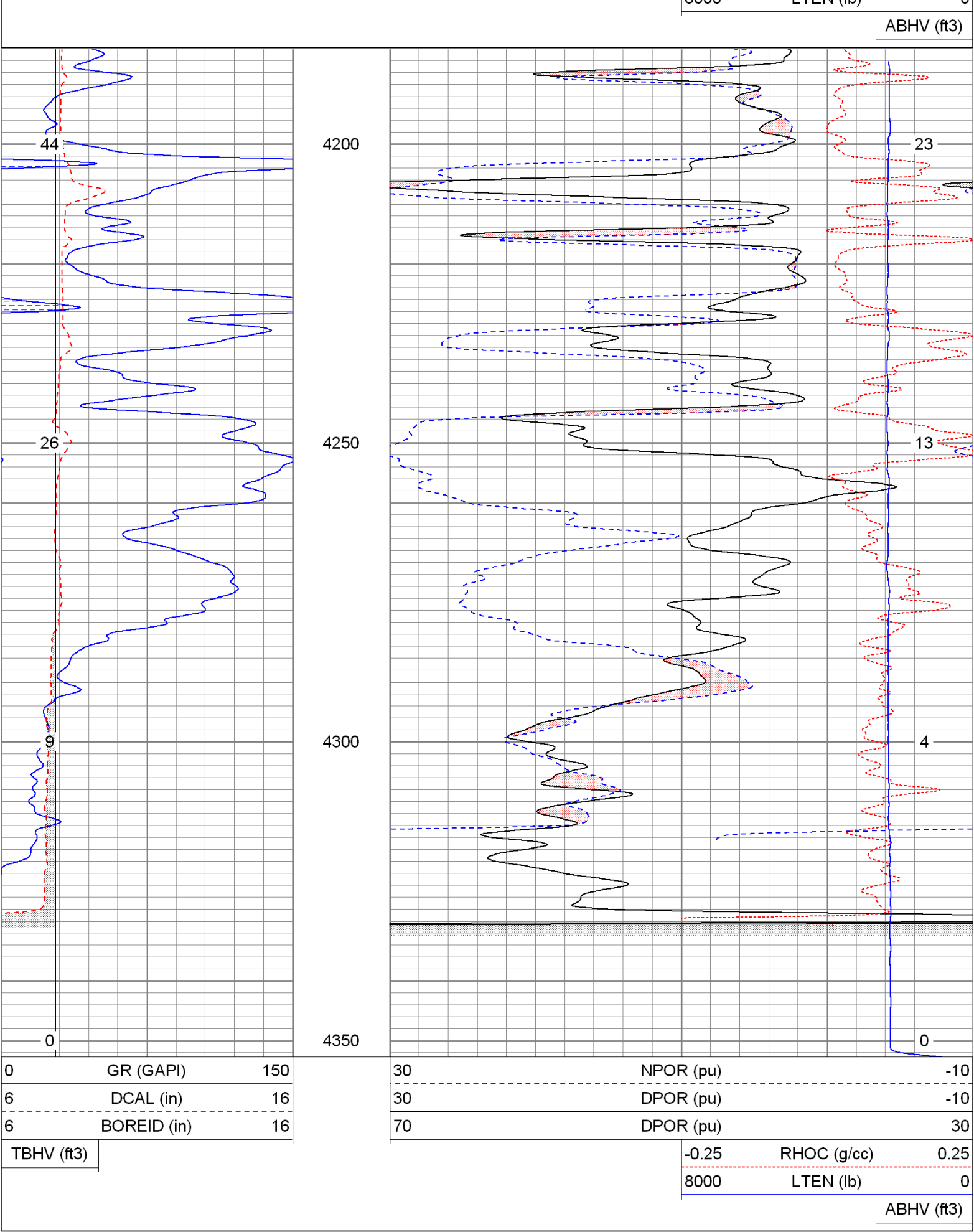




Repeat Pass

Database File: crhawkinson#1oh.db
 Dataset Pathname: pass1
 Presentation Format: kcdnl
 Dataset Creation: Sat Sep 22 14:59:37 2012 by Log Open-Cased 100827
 Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	150	30	NPOR (pu)	-10
6	DCAL (in)	16	30	DPOR (pu)	-10
6	BOREID (in)	16	70	DPOR (pu)	30
TBHV (ft3)			-0.25	RHOC (g/cc)	0.25
			8000	LTEN (lb)	0
				ABHV (ft3)	



Dual Induction Calibration Report

Serial-Model: 5375-G
Surface Cal Performed: Thu Sep 13 16:02:51 2012
Downhole Cal Performed: Thu Sep 13 16:03:26 2012

Surface Calibration

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.002	0.640	V	0.000	350.000	mmho/m	548.531	-1.045
Medium	0.005	0.742	V	0.000	400.000	mmho/m	542.602	-2.696
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.001	0.640	V	0.000	350.000	mmho/m	547.641	-0.739
Medium	0.005	0.742	V	0.000	550.000	mmho/m	745.701	-3.500

Downhole Calibration

Readings				References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.094	350.007	mmho/m	-0.305	350.264	mmho/m	1.002	-0.399
Medium	0.252	399.957	mmho/m	-0.149	400.053	mmho/m	1.001	-0.401
Shallow	2.471	0.009	V	500.000	2.000	Ohm-m	202.280	0.097

Compensated Density Calibration Report

Serial-Model: 2388DHT-DHT
Source / Verifier: /
Master Calibration Performed: Thu Sep 13 16:04:57 2012

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.750	g/cc	717.11	305.57	cps
Aluminum	2.620	g/cc	140.63	205.93	cps
Spine Angle = 76.38			Density/Spine Ratio = 0.519		
	Size		Reading		
Small Ring	8.25	in	5771.32		
Large Ring	14.00	in	10165.20		

Gamma Ray Calibration Report

Serial Number: 2001
Tool Model: OH
Performed: Sat Sep 22 13:47:45 2012

Calibrator Value:	1.0	GAPI
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Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps

Sensitivity: 0.2300 GAPI/cps

Neutron Calibration Report

