



COMPENSATED DENSITY NEUTRON LOG

Company	Koron Investments Inc.		
Well	Baughner A#4-29		
Field	Ellis NW		
County	Trego	State	Kansas
Location:	API # : 15 195 22983		Other Services DIL ML
1870' FNL & 2640' FWL			
Permanent Datum	SEC 23	TWP 12S	RGE 21W
Log Measured From	KB 8' AGL	Elevation	2313'
Drilling Measured From	KB	Elevation	K.B. 2321' D.F. 2320' G.L. 2313'
Date	12-16-14		
Run Number	One		
Depth Driller	4092'		
Depth Logger	4088'		
Bottom Logged Interval	4084'		
Top Log Interval	3250'		
Casing Driller	221'		
Casing Logger	221'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	9.4/53		
pH / Fluid Loss	9.5/8.8		
Source of Sample	Pit		
Rm @ Meas. Temp	1.1@55degf		
Rmf @ Meas. Temp	.88@55degf		
Rmc @ Meas. Temp	1.4@55degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	.53@115degf		
Time Circulation Stopped	4:00 p.m.		
Time Logger on Bottom	8:00 p.m.		
Maximum Recorded Temperature	120degf		
Equipment Number	T173		
Location	Hays, KS		
Recorded By	L. Smith		
Witnessed By	Mr. Marc Downing		

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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



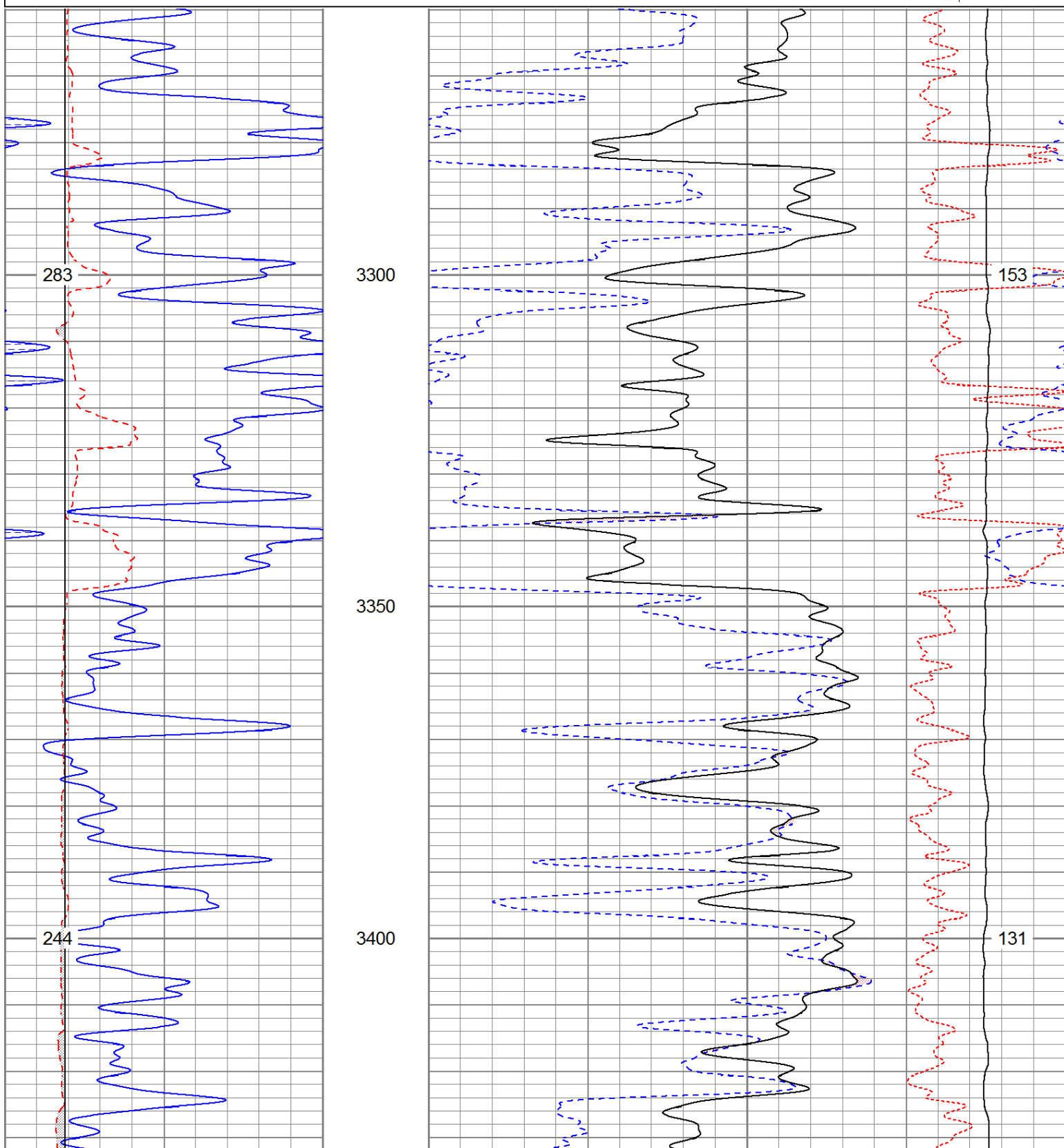
Main Pass

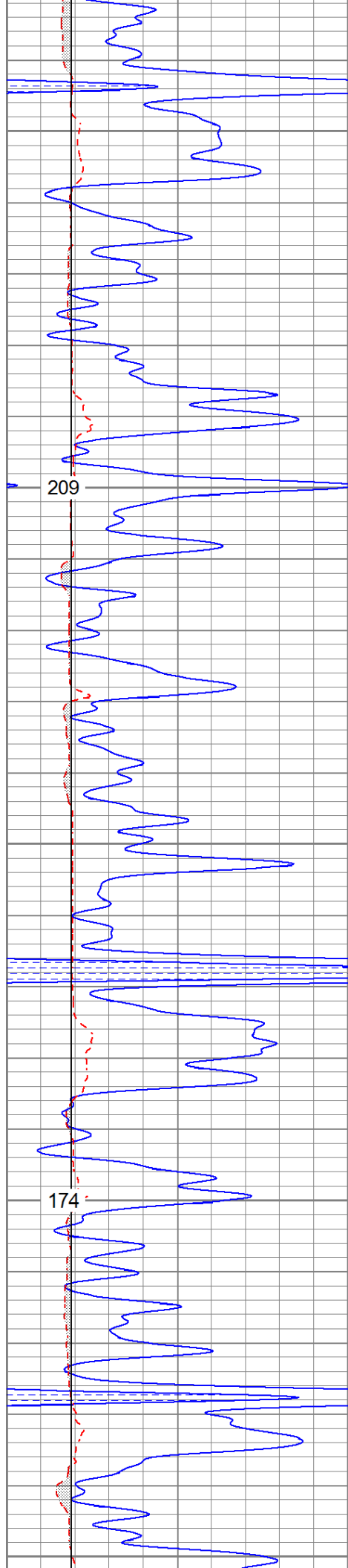
Database File kibaughra#4-29oh.db
Dataset Pathname pass6.1
Presentation Format kcdnl
Dataset Creation Tue Dec 16 21:47:36 2014
Charted by Depth in Feet scaled 1:240

0	GR (GAPI)	150
6	DCAL (in)	16
6	BOREID (in)	16

30	NPOR (pu)	-10
30	DPOR (pu)	-10
70	DPOR (pu)	30

TBHV (ft3)	-0.25	RHOC (g/cc)	0.25
	10000	LTEN (lb)	0
			ABHV (ft3)





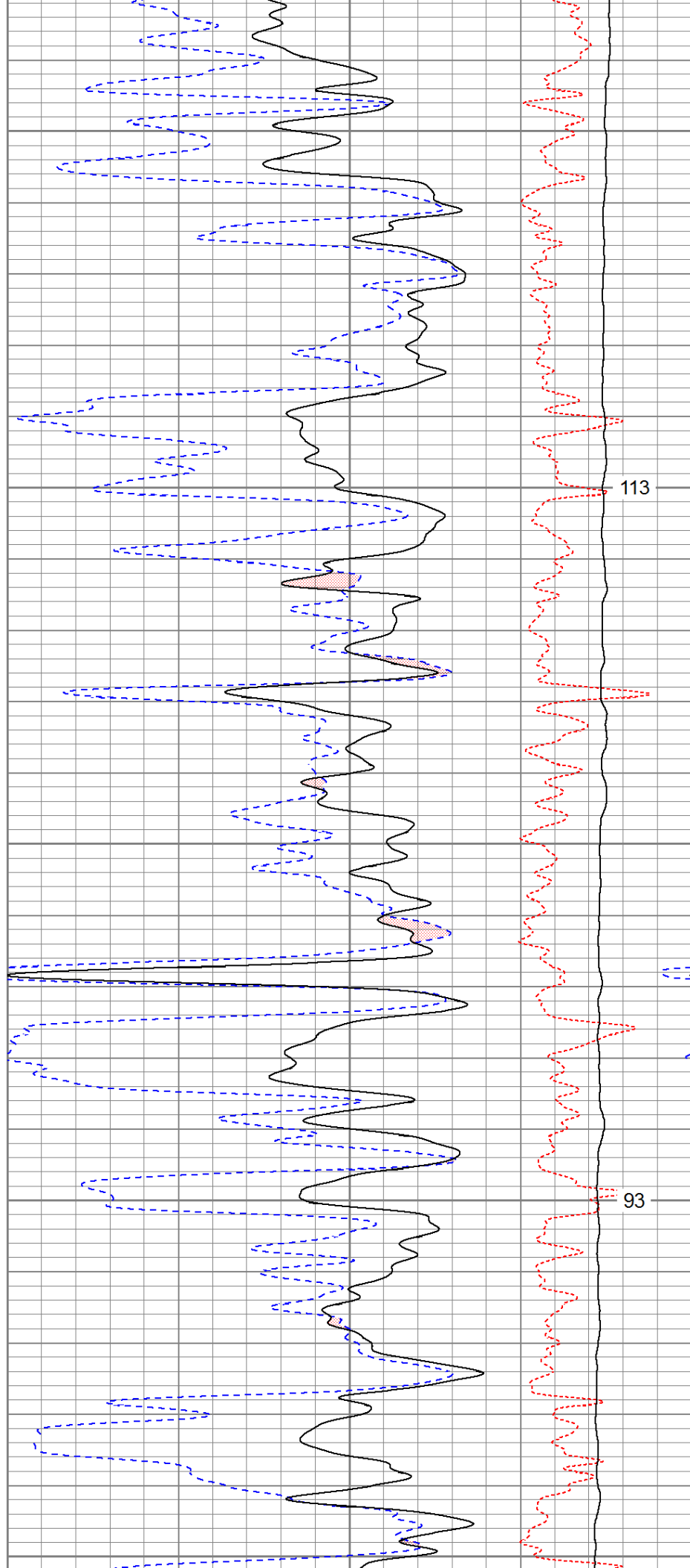
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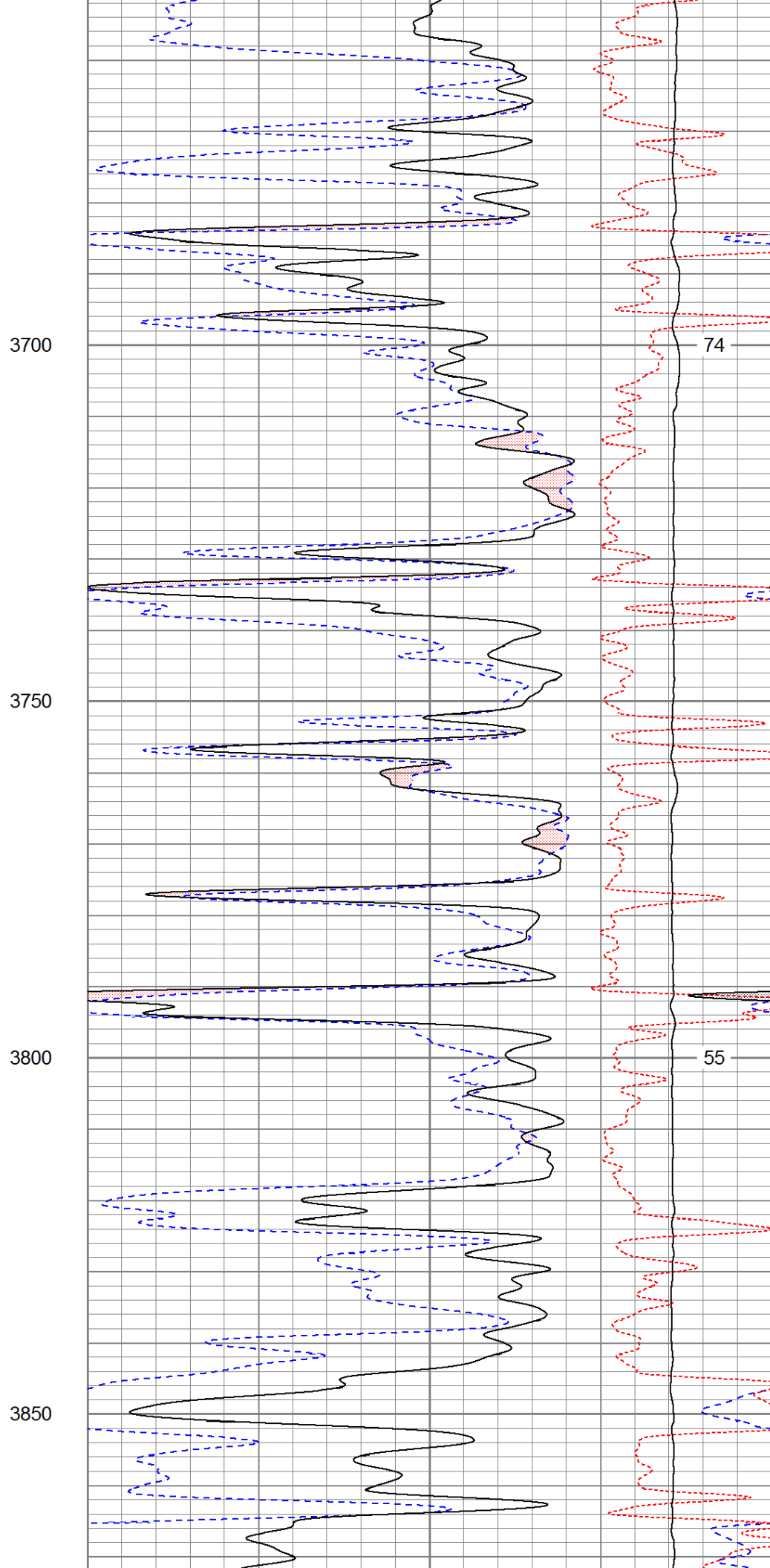
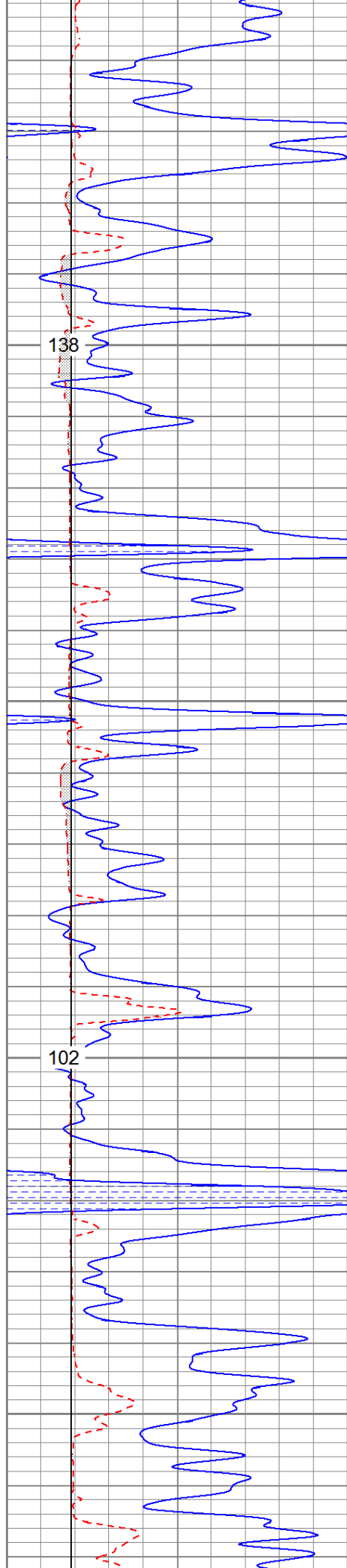
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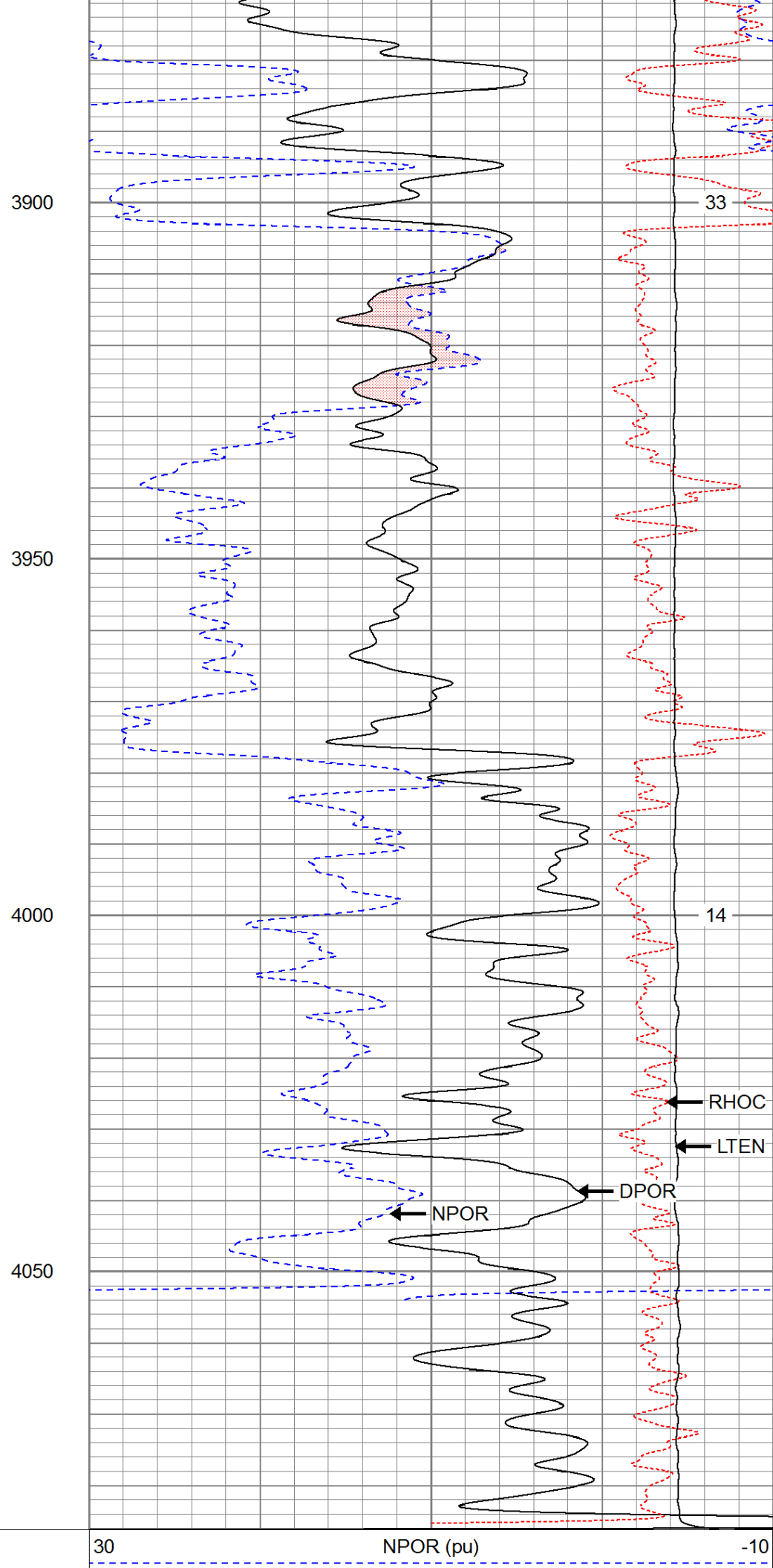
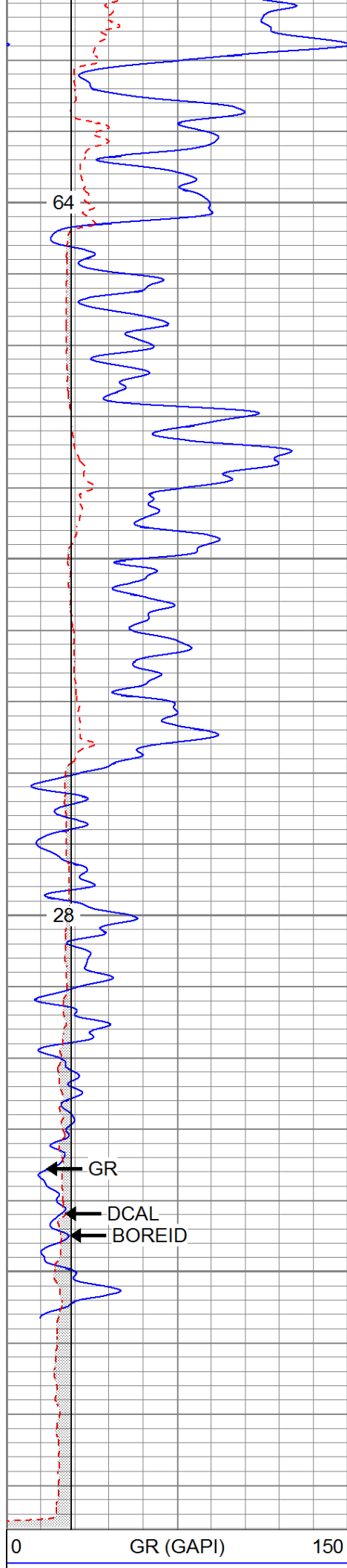
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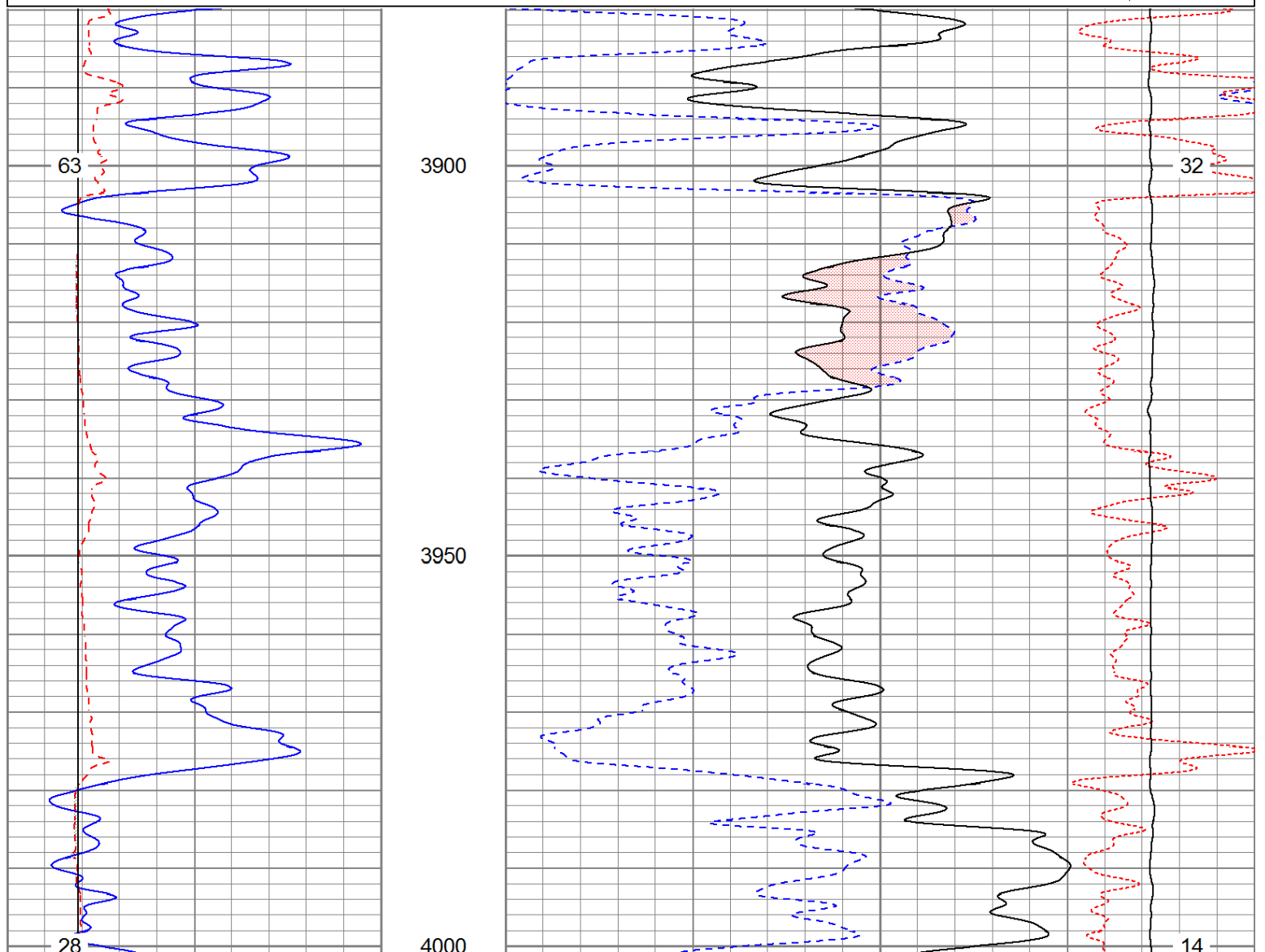
6	DCAL (in)	16	30	DPOR (pu)	-10
6	BOREID (in)	16	70	DPOR (pu)	30
TBHV (ft3)				-0.25	RHOC (g/cc) 0.25
				10000	LTEN (lb) 0
					ABHV (ft3)

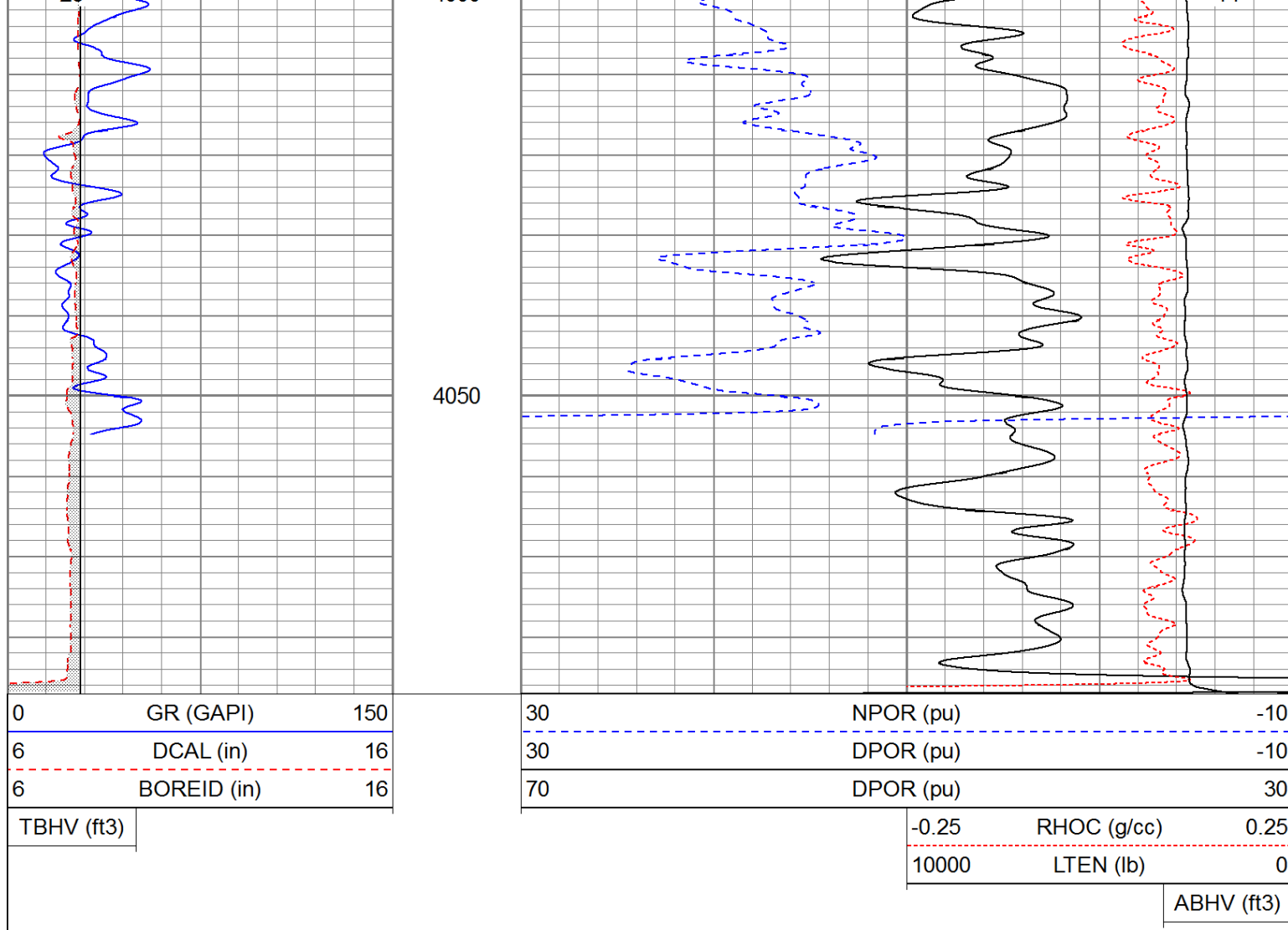


Repeat Pass

Database File kibaughra#4-29oh.db
 Dataset Pathname pass5.1
 Presentation Format kcdnl
 Dataset Creation Tue Dec 16 21:44:14 2014
 Charted by Depth in Feet scaled 1:240

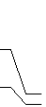
0	GR (GAPI)	150	30	NPOR (pu)	-10
6	DCAL (in)	16	30	DPOR (pu)	-10
6	BOREID (in)	16	70	DPOR (pu)	30
TBHV (ft3)				-0.25	RHOC (g/cc) 0.25
				10000	LTEN (lb) 0
					ABHV (ft3)





Calibration Report					
Database File	kibaughra#4-29oh.db				
Dataset Pathname	pass6.1				
Dataset Creation	Tue Dec 16 21:47:36 2014				
Compensated Density Calibration Report					
Serial-Model:		2119-O			
Source / Verifier:		csv-j12 / blks			
Master Calibration Performed:		Thu Jun 26 15:02:01 2014			
Before Survey Verification Performed:					
After Survey Verification Performed:					
Master Calibration					
	Density		Far Detector	Near Detector	
Magnesium	1.750	g/cc	519.49	345.19	cps
Aluminum	2.650	g/cc	107.04	230.14	cps
Spine Angle = 75.60			Density/Spine Ratio = 0.552		
	Size		Reading		
Small Ring	8.50	in	3.50	V	
Large Ring	14.00	in	7.94	V	
Before Survey Verification					
Target		Measured			

	g/cc g/cc g/cc	g/cc g/cc g/cc
After Survey Verification	Target g/cc g/cc g/cc	Measured g/cc g/cc g/cc
Gamma Ray Calibration Report		
Serial Number:	2119	
Tool Model:	O	
Performed:	Wed Jan 23 07:05:27 2013	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.7000	GAPI/cps
Neutron Calibration Report		
Serial Number:	5138	
Tool Model:	G	
Performed:	Tue Nov 11 04:21:10 2014	
Calibrator Value:	1	NAPI
Calibrator Reading:	1	cps
Sensitivity:	1	NAPI/cps

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
NEU	12.47		CHD-None	0.75	1.50	5.00
			NEU-G (5138) Gearhart Epithermal	5.65	3.50	85.00
GR	7.02		GR-O (2119) Oilex	2.83	3.63	74.00
LSD	1.51		CDL-O (2119) Oilex	5.77	4.00	201.00
DCAL	1.17					
SSD	0.96					
Dataset: kibaughra#4-29oh.db: field/well/run1/pass6.1 Total length: 15.00 ft Total weight: 365.00 lb O.D.: 4.00 in						