



COMPENSATED DENSITY NEUTRON LOG

Company Palomino Petroleum Inc.		Company Palomino Petroleum Inc.	
Well	Wallace-Rebarchek #1	Well	Wallace-Rebarchek #1
Field	Wildcat	Field	Wildcat
County	Gove	County	Gove
State	Kansas	State	Kansas
Location:		API # : 15 063 22269	
SEC 19 TWP 414S RGE 30W		2542' FNL & 2264' FWL	
Permanent Datum	Ground Level	Elevation	2827'
Log Measured From	KB 5' AGL		
Drilling Measured From	KB	Other Services DIL ML	
Elevation		K.B. 2832' D.F. 2831' G.L. 2827'	
Date	10-22-15		
Run Number	One		
Depth Driller	4749'		
Depth Logger	4749'		
Bottom Logged Interval	4726'		
Top Log Interval	3700'		
Casing Driller	208'		
Casing Logger	208'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	9.0/68		
pH / Fluid Loss	10.0/8.0		
Source of Sample	Pit		
Rm @ Meas. Temp	1.65@65degf		
Rmf @ Meas. Temp	1.32@65degf		
Rmc @ Meas. Temp	2.1@65degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	1.6@125degf		
Time Circulation Stopped	9:00 a.m.		
Time Logger on Bottom	11:30 a.m.		
Maximum Recorded Temperature	120degf		
Equipment Number	T729		
Location	Hays, KS		
Recorded By	L. Smith		
Witnessed By	Mr. Andrew Stenzel		

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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

South of Gove to I rd, East to curve North, 1/2 north, East into



Main Pass

Database File ppwallacerebarchek#1oh.db
 Dataset Pathname pas4.2
 Presentation Format kcdnl
 Dataset Creation Thu Oct 22 18:27:59 2015
 Charted by Depth in Feet scaled 1:240

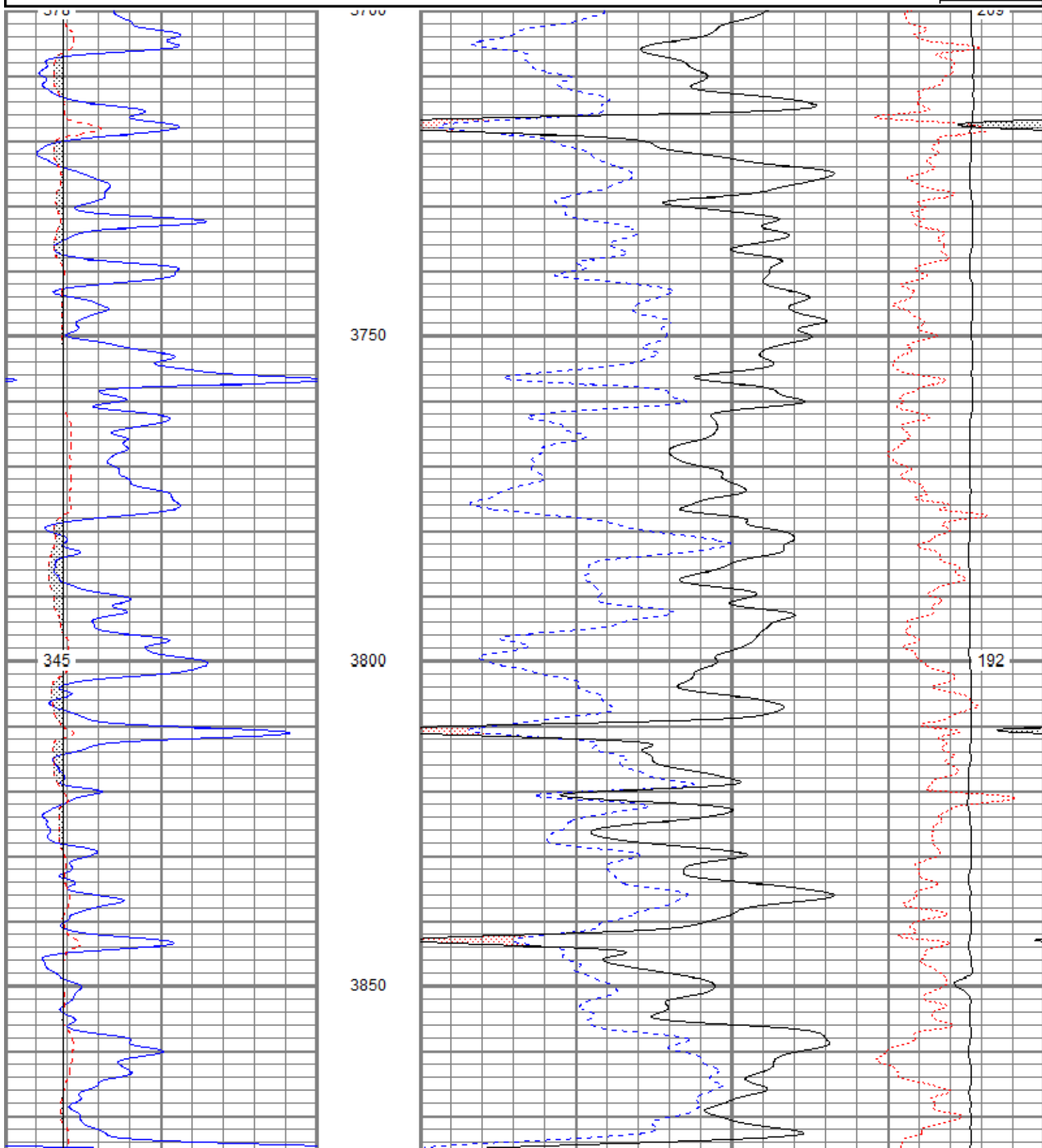
0	GR (GAPI)	150
6	DCAL (in)	16
6	BOREID (in)	16

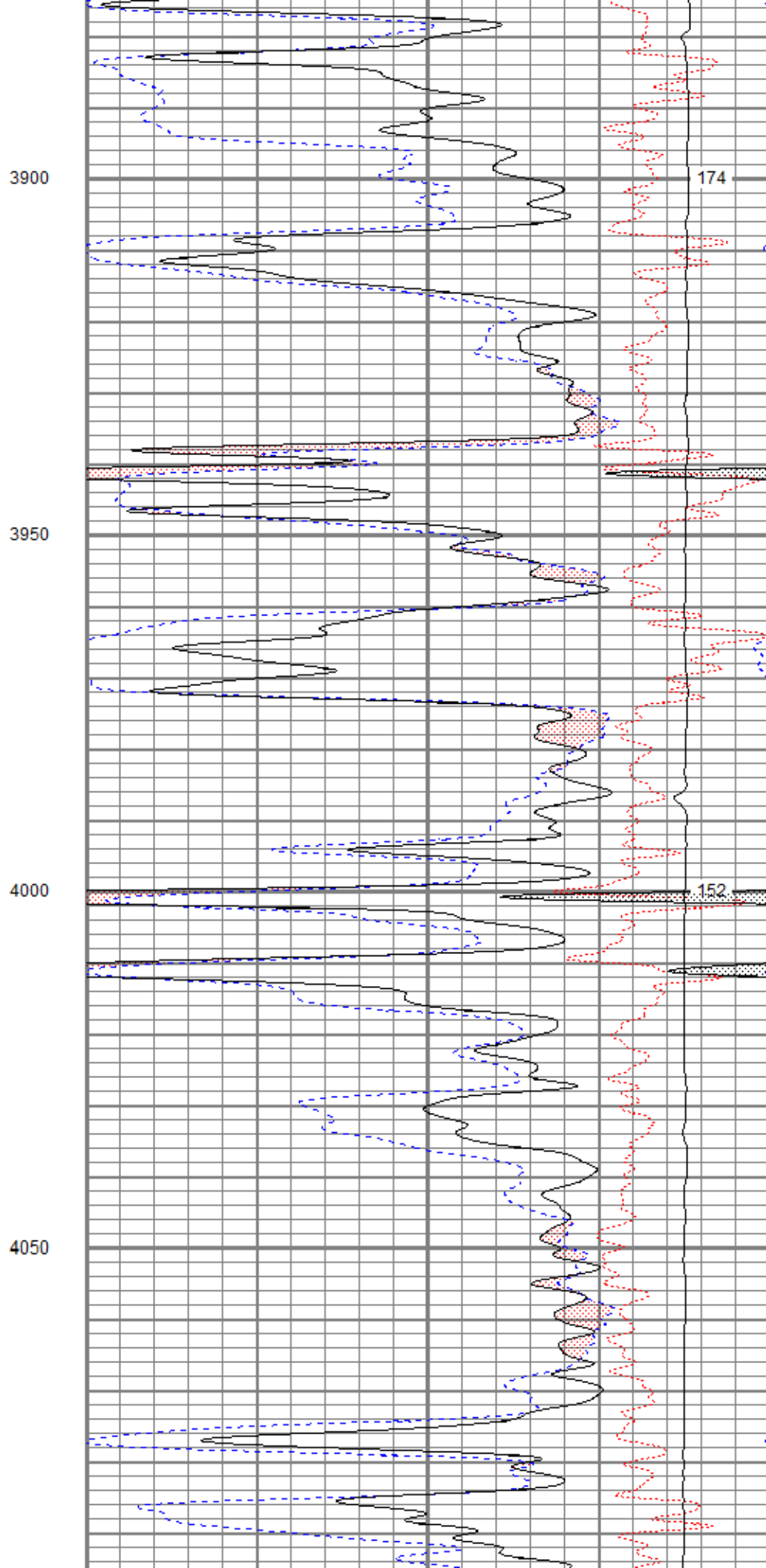
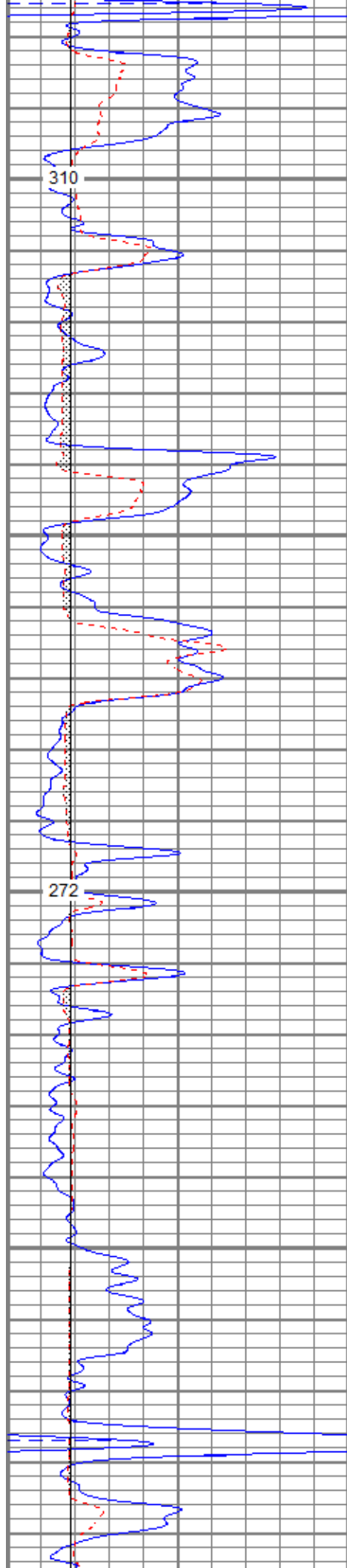
30	NPOR (pu)	-10
30	DPOR (pu)	-10
70	DPOR (pu)	30

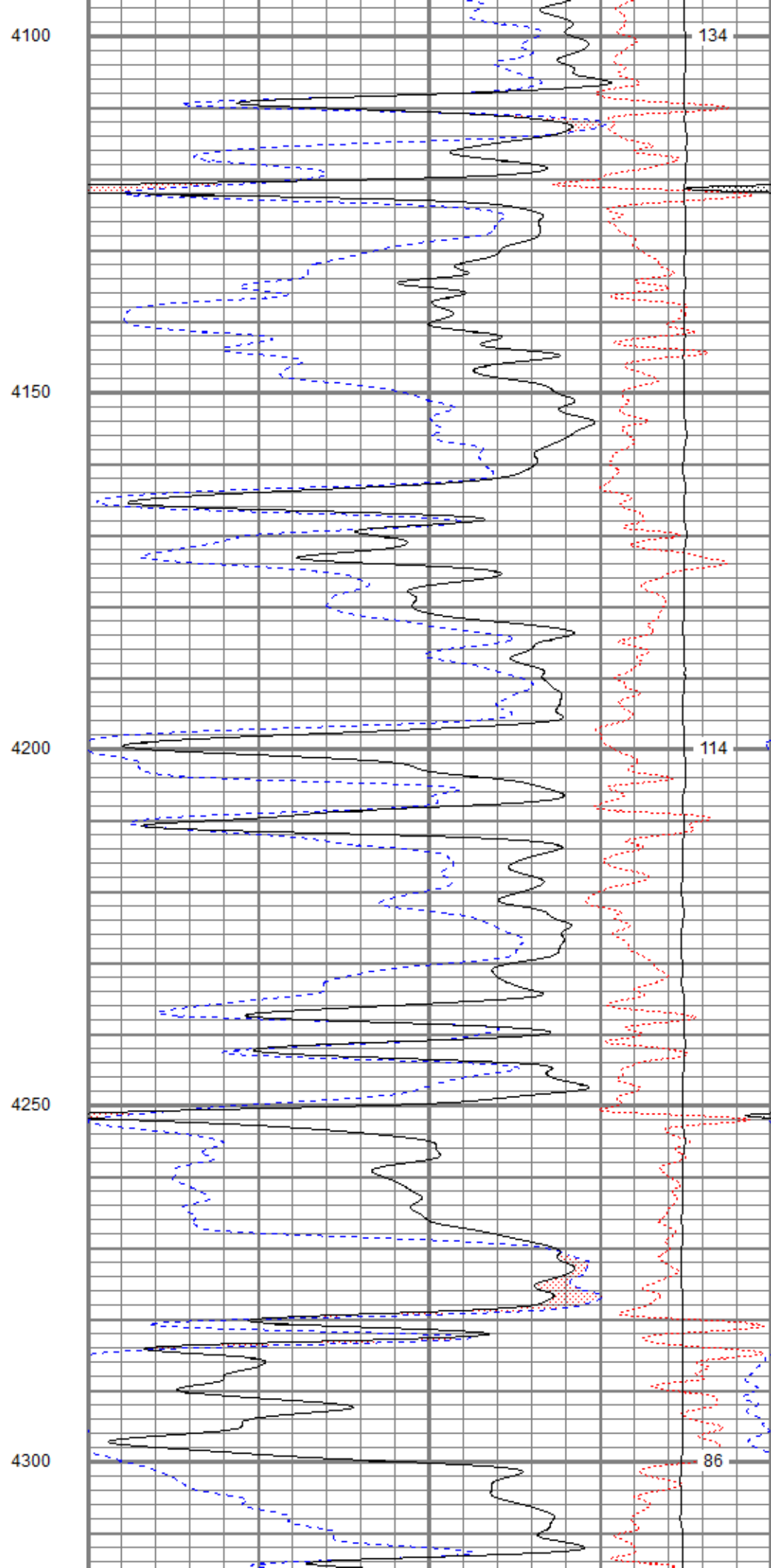
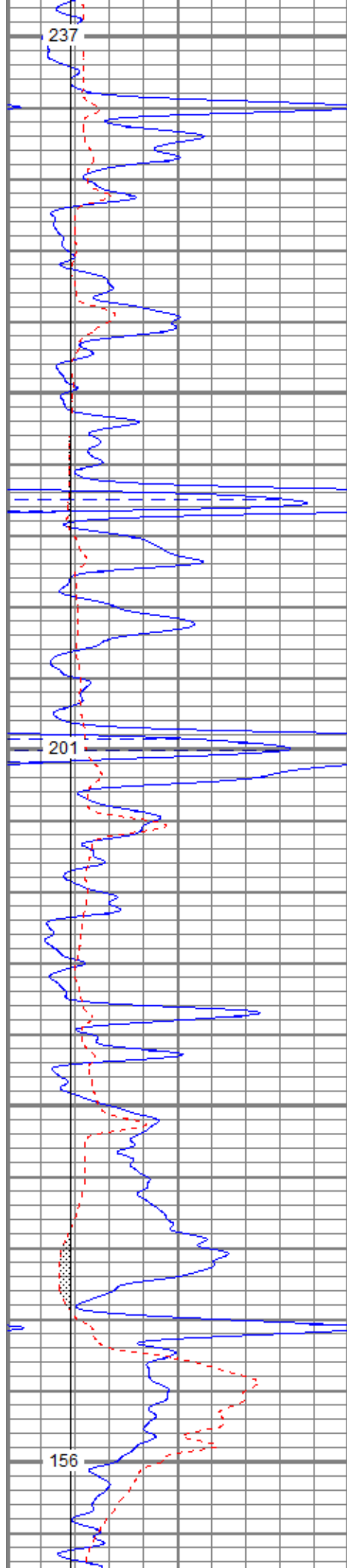
TBHV (ft3)

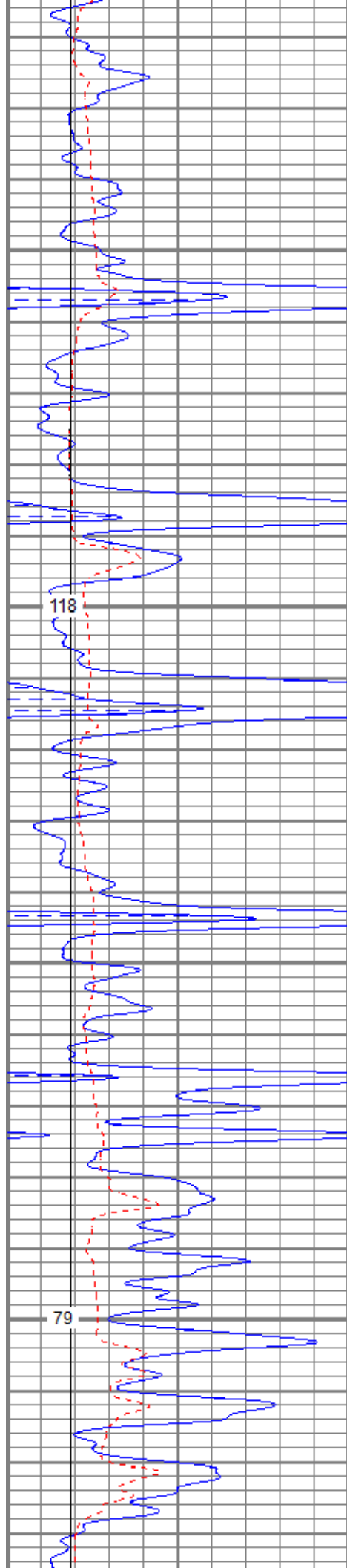
-0.25	RHOC (g/cc)	0.25
10000	LTEN (lb)	0

ABHV (ft3)







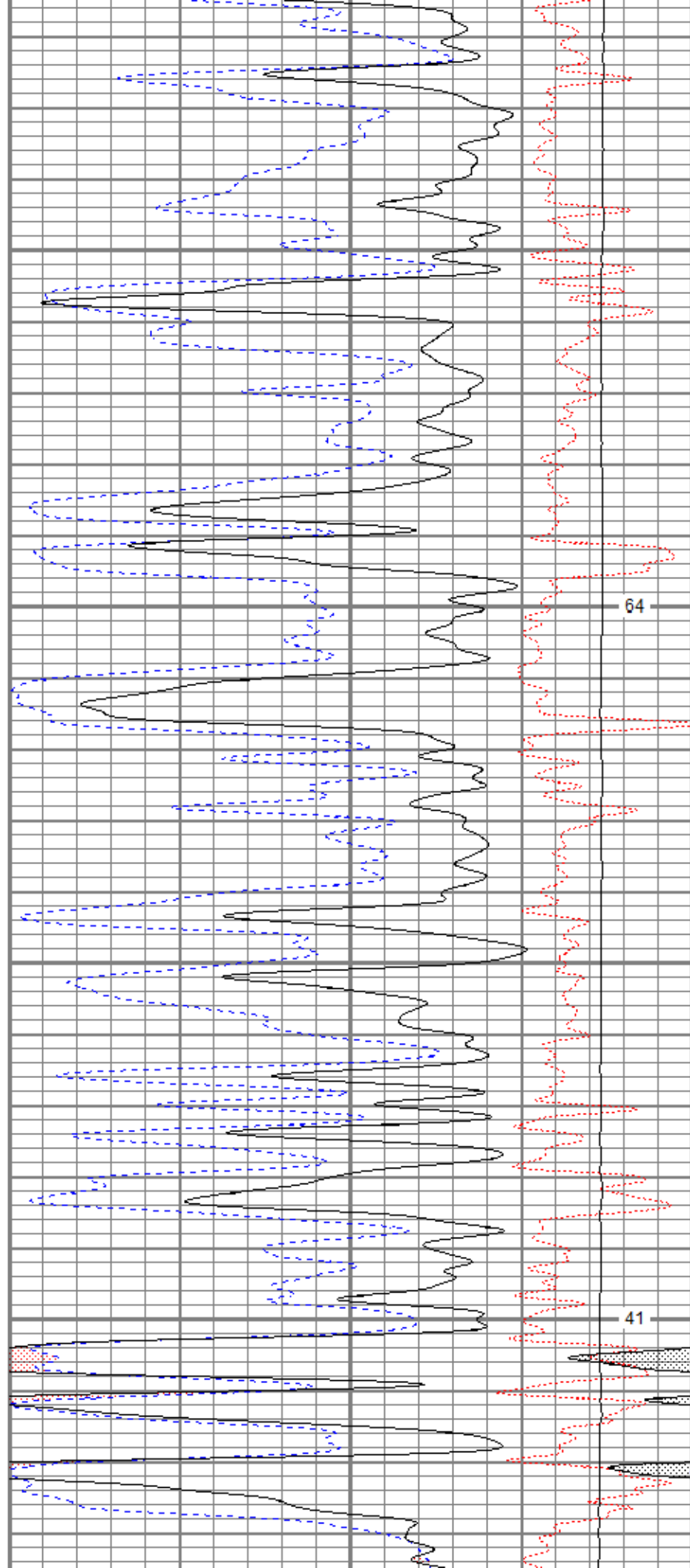


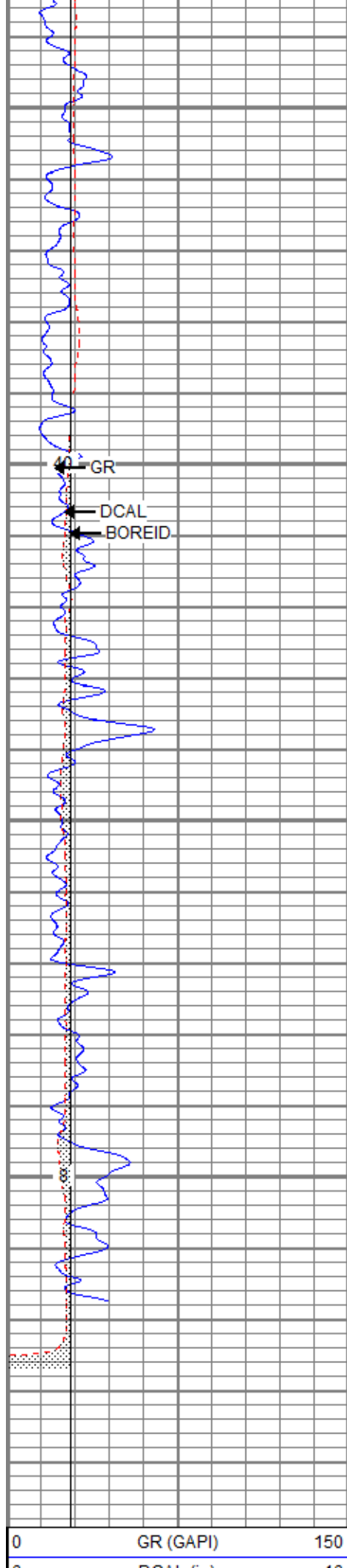
4350

4400

4450

4500



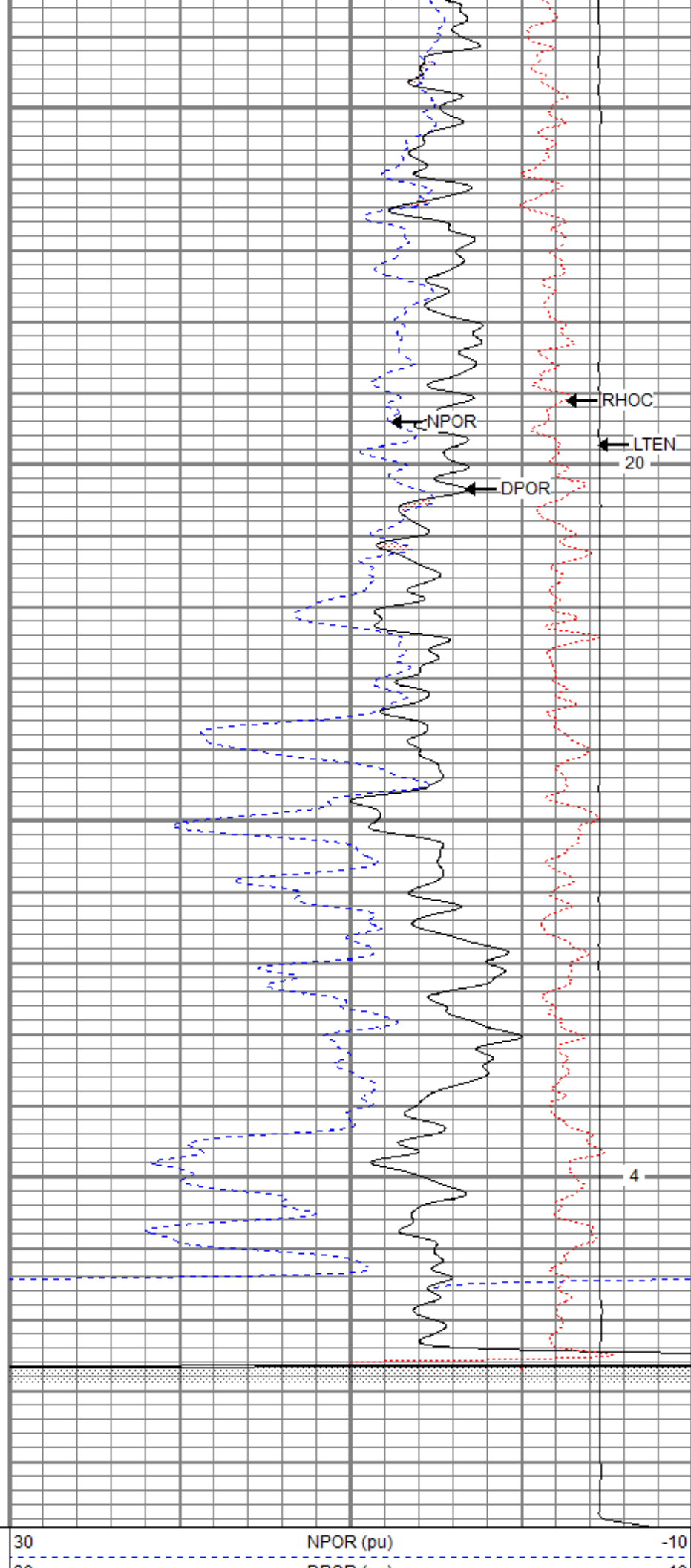


4550

4600

4650

4700



RHOC

NPOR

LTEN

20

DPOR

4

	DCAL (in)	16
6	BOREID (in)	16
	TBHV (ft3)	

30	DPOR (pu)	-10
70	DPOR (pu)	30
-0.25	RHOC (g/cc)	0.25
10000	LTEN (lb)	0
	ABHV (ft3)	

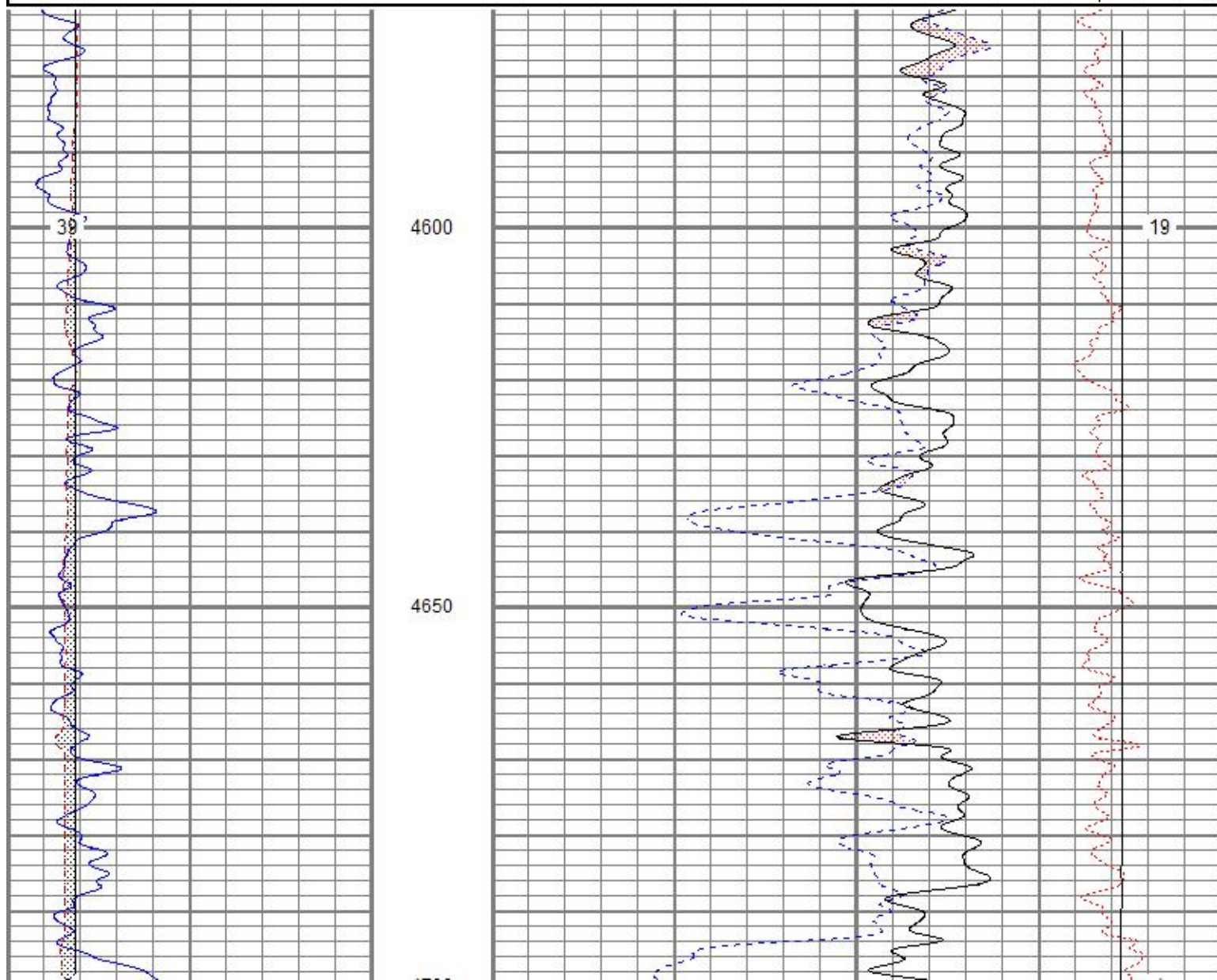


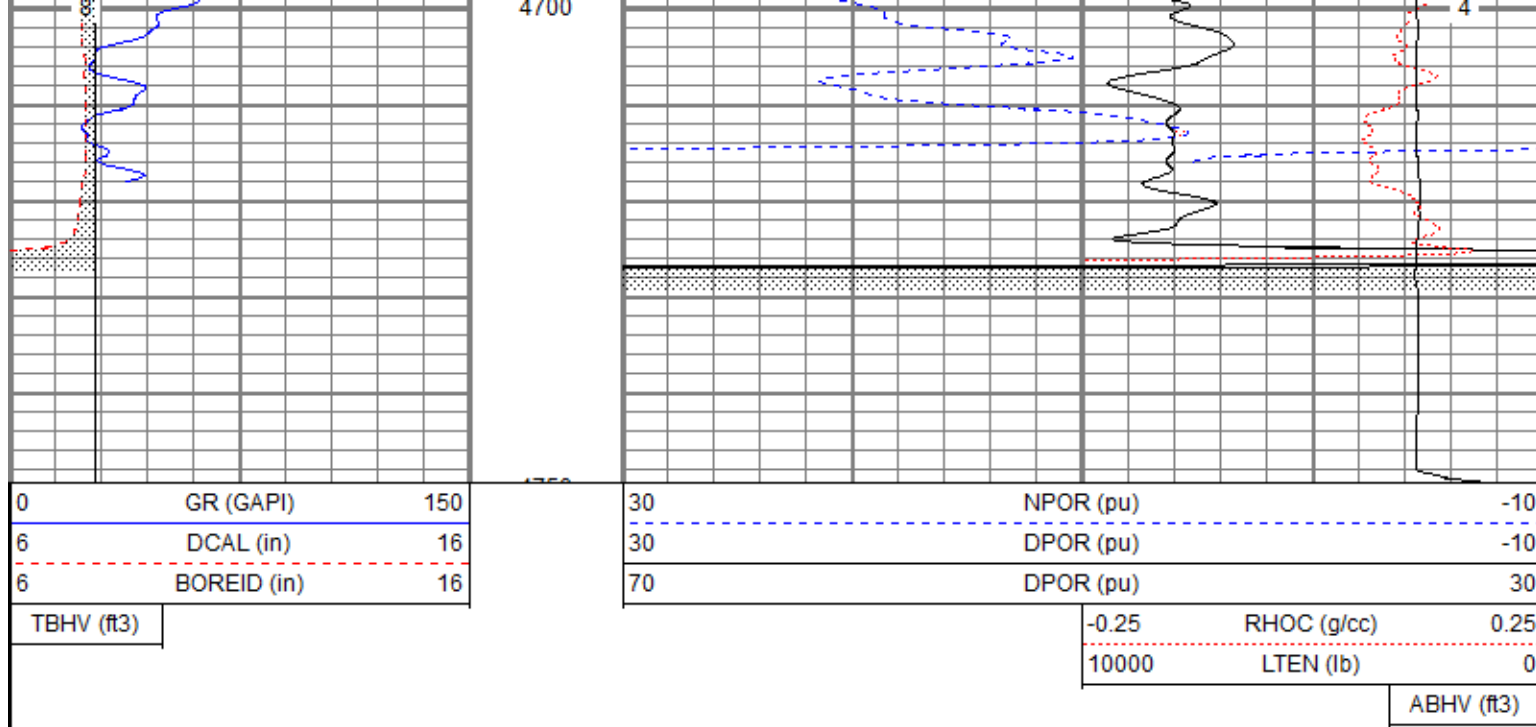
Repeat Pass

Database File ppwallacerebarchek#1oh.db
Dataset Pathname pas3.1
Presentation Format kcdnl
Dataset Creation Thu Oct 22 18:42:29 2015
Charted by Depth in Feet scaled 1:240

0	GR (GAPI)	150
6	DCAL (in)	16
6	BOREID (in)	16
	TBHV (ft3)	

30	NPOR (pu)	-10
30	DPOR (pu)	-10
70	DPOR (pu)	30
-0.25	RHOC (g/cc)	0.25
10000	LTEN (lb)	0
	ABHV (ft3)	





Calibration Report		
Database File	ppwallacerebarchek#1oh.db	
Dataset Pathname	pas3.1	
Dataset Creation	Thu Oct 22 18:42:29 2015	

Dual Induction Calibration Report

Serial-Model:	080522-Probe
Surface Cal Performed:	Thu Oct 08 10:16:27 2015
Downhole Cal Performed:	Thu Oct 08 10:17:08 2015
After Survey Verification Performed:	Thu Oct 08 10:17:08 2015

Surface Calibration								
Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.001	0.641	V	0.000	400.000	mmho/m	624.950	-0.824
Medium	0.004	0.742	V	0.000	464.000	mmho/m	628.752	-2.706
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.001	0.641	V	0.000	400.000	mmho/m	625.200	-0.870
Medium	0.004	0.743	V	0.000	464.000	mmho/m	627.931	-2.579

Downhole Calibration								
Readings				References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.282	399.760	mmho/m	0.046	399.886	mmho/m	1.001	-0.237
Medium	-0.077	464.284	mmho/m	-0.123	464.484	mmho/m	1.001	-0.046
LL3		7.298	V		750.000	Ohm-m		
		0.004	V		12.000	Ohm-m		
		-7.329	V		3745.000	mmho-m		

After Survey Verification								
Readings				Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	0.282	399.760	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	-0.077	464.284	mmho/m	1.000	0.000
LL3		0.000	Ohm-m		750.000	Ohm-m		
		0.000	Ohm-m		12.000	Ohm-m		
		-7.329	V		3745.000	mmho-m		

Tool Joint	Depth (ft)	Tool Joint Diagram	Tool Joint Label	Depth (ft)	Weight (lb)	Length (ft)	Weight (lb)
GR	28.89		GR-poilex (2118)	2.79	4.00	40.00	
LSD	23.80		CDL-poilex (2118)	6.04	4.00	275.00	
DCAL	23.47						
SSD	23.30						
SP	10.60		DIL-Probe (080522)	21.47	4.00	345.00	
CILD	10.60		Probe Dual Induction				
CILM	6.89						
RLL3	1.70						

Dataset: ppwallacerebarchek#1oh.db: field/well/run1/pas3.1

Total length: 36.70 ft

Total weight: 750.00 lb

O.D.: 4.00 in