COMPENSATED DENSITY NEUTRON LOG

Company	Palomino Petroleum
Well	McCreight Trust #2
Field	Unnamed
County	Ness
State	Kansas

Company Palomino Petroleum
Well McCreight Trust #2
Field Unnamed
County Ness State Kansas

Location: API # : 15 135 26023
2422' FSL & 792' FEL
SEC 6 TWP 20S RGE 22W

Other Services
DIL
ML

Permanent Datum Ground Level Elevation 2238'
Log Measured From KB 11' AGL
Drilling Measured From KB

Elevation
K.B. 2249'
D.F. 2248'
G.L. 2238'

Date	9-18-18		
Run Number	One		
Depth Driller	4509'		
Depth Logger	4514'		
Bottom Logged Interval	4492'		
Top Log Interval	3600'		
Casing Driller	8 5/8" @ 229'		
Casing Logger	229'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical Mud	Chloride 7,300 PPM	
Density / Viscosity	9.3/51		
pH / Fluid Loss	8.5/9.6		
Source of Sample	Pit		
Rm @ Meas. Temp	0.8@90degf		
Rmf @ Meas. Temp	0.6@90degf		
Rmc @ Meas. Temp	0.96@90degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	0.59@123degf		
Time Circulation Stopped	9:00 p.m		
Time Logger on Bottom	11:50 p.m		
Maximum Recorded Temperature	123degf		
Equipment Number	T-127		
Location	Hays, KS		
Recorded By	C.Patterson		
Witnessed By	Mr. Ryan Seib	Mr. Nick Gerstner	

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Comments

South out of Ness City,KS Approx 8 mi. on 183 Hwy. From 183 Hwy & 96 hwy intersection to 50 Rd,
Then East 6 mi. on 50 Rd to Y Rd.,Then North on Y Rd. Approx 1/4 mi.,
Then West to North Into Location

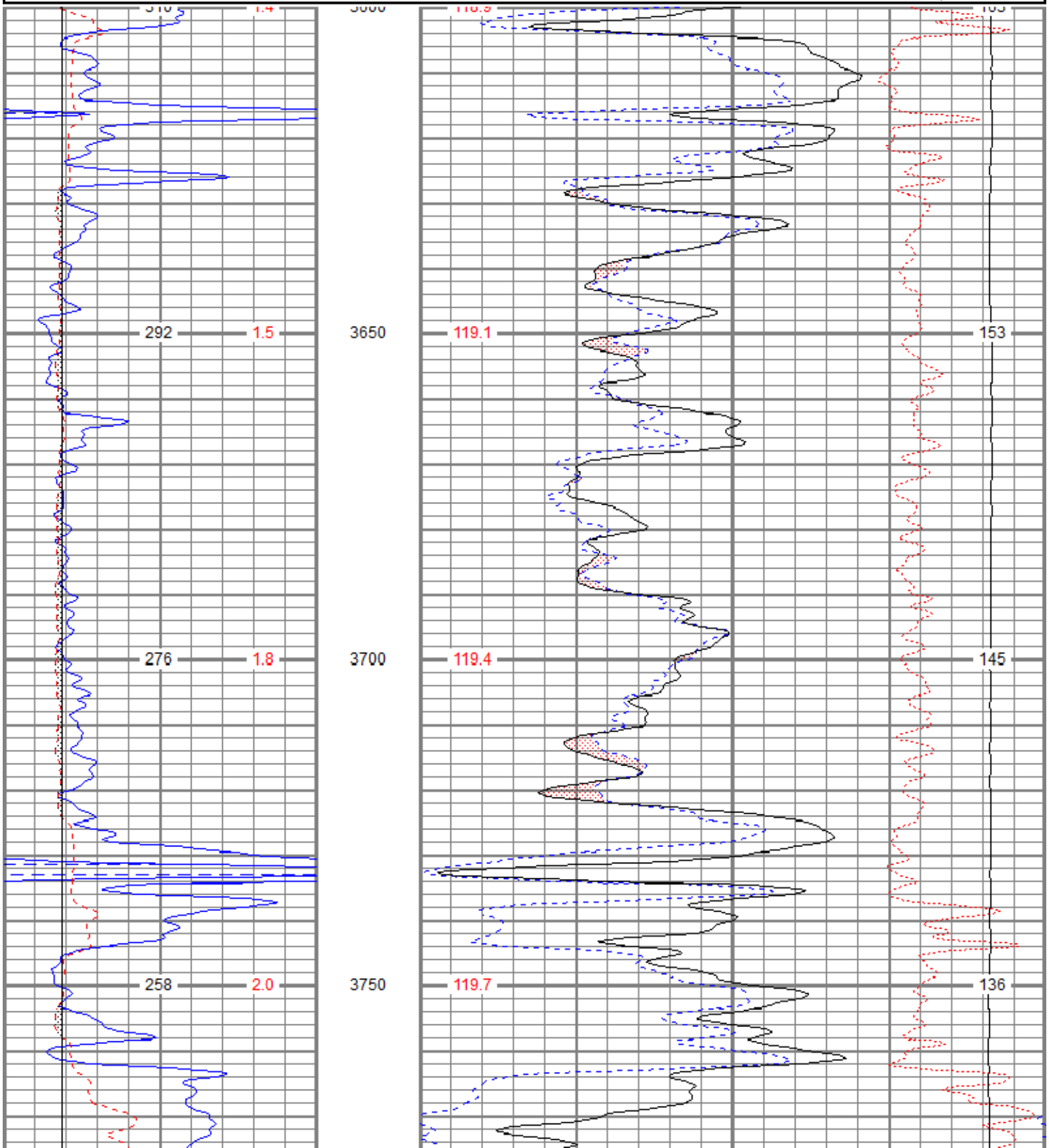
Thanks for using Gemini Wireline LLC
785-625-1182

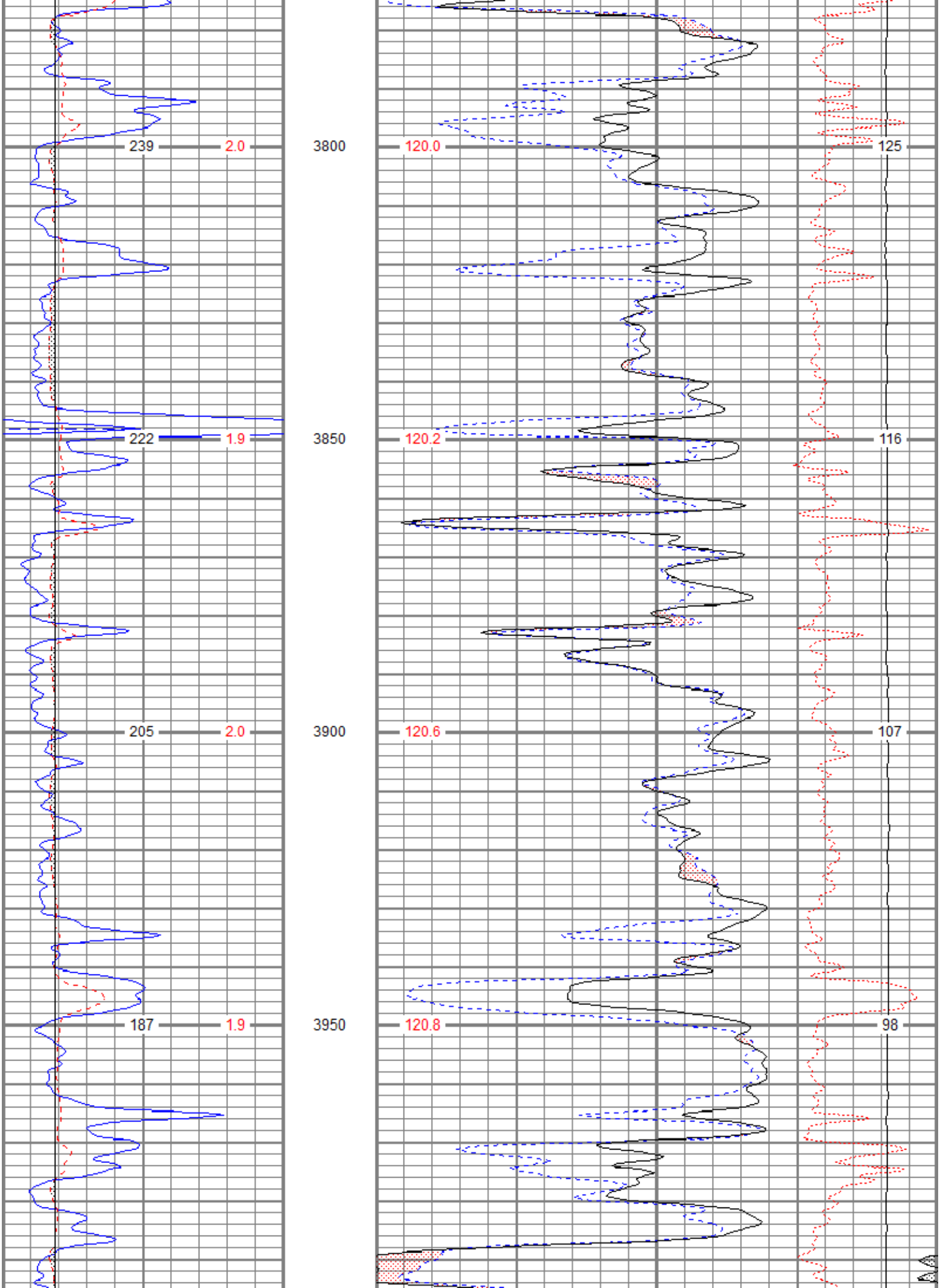
MAIN PASS

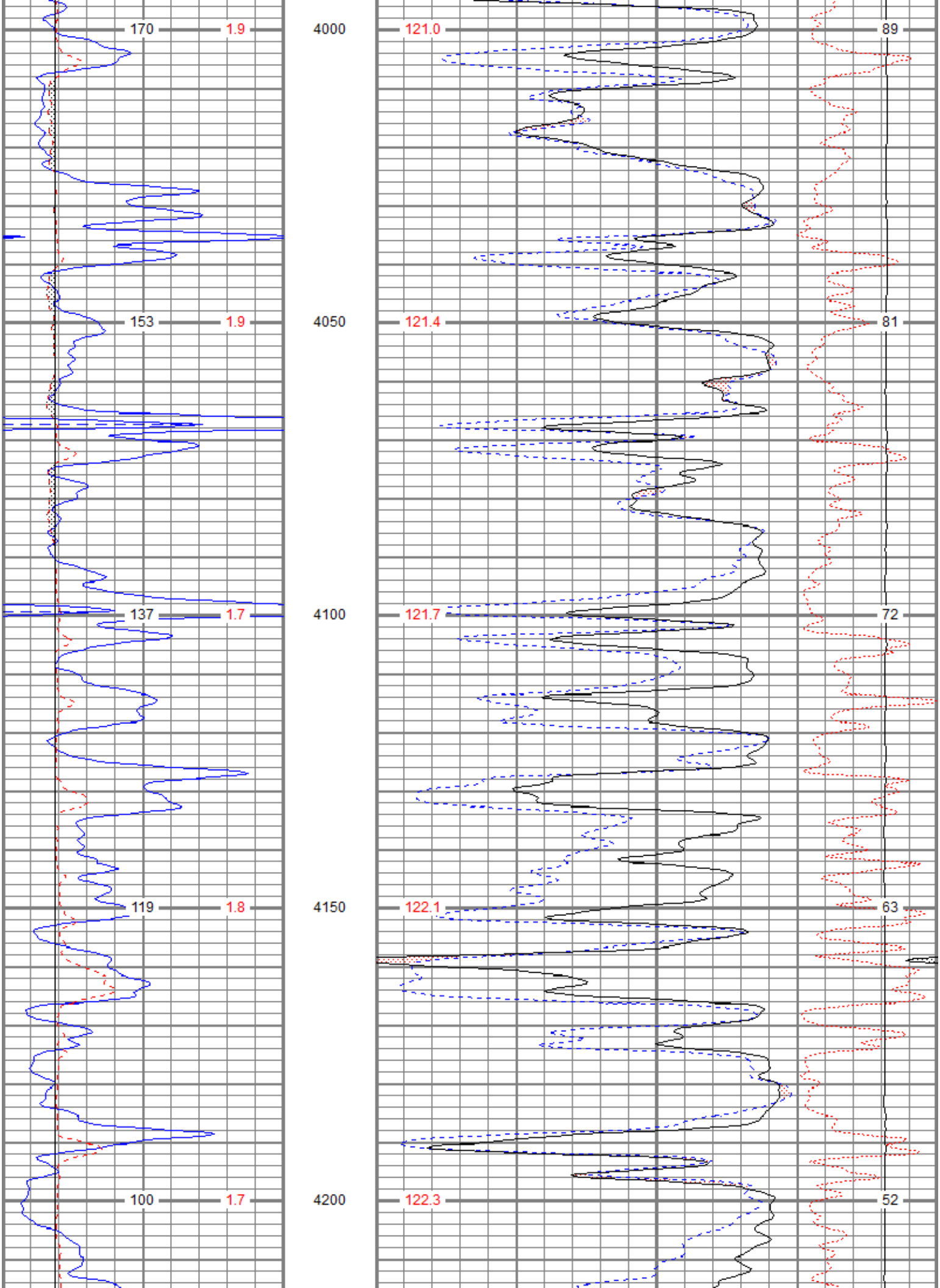
Database File	ppmccreighttrust#2oh.db
Dataset Pathname	pass2
Presentation Format	digital_kcdnl
Dataset Creation	Wed Sep 19 00:13:26 2018
Charted by	Depth in Feet scaled 1:240

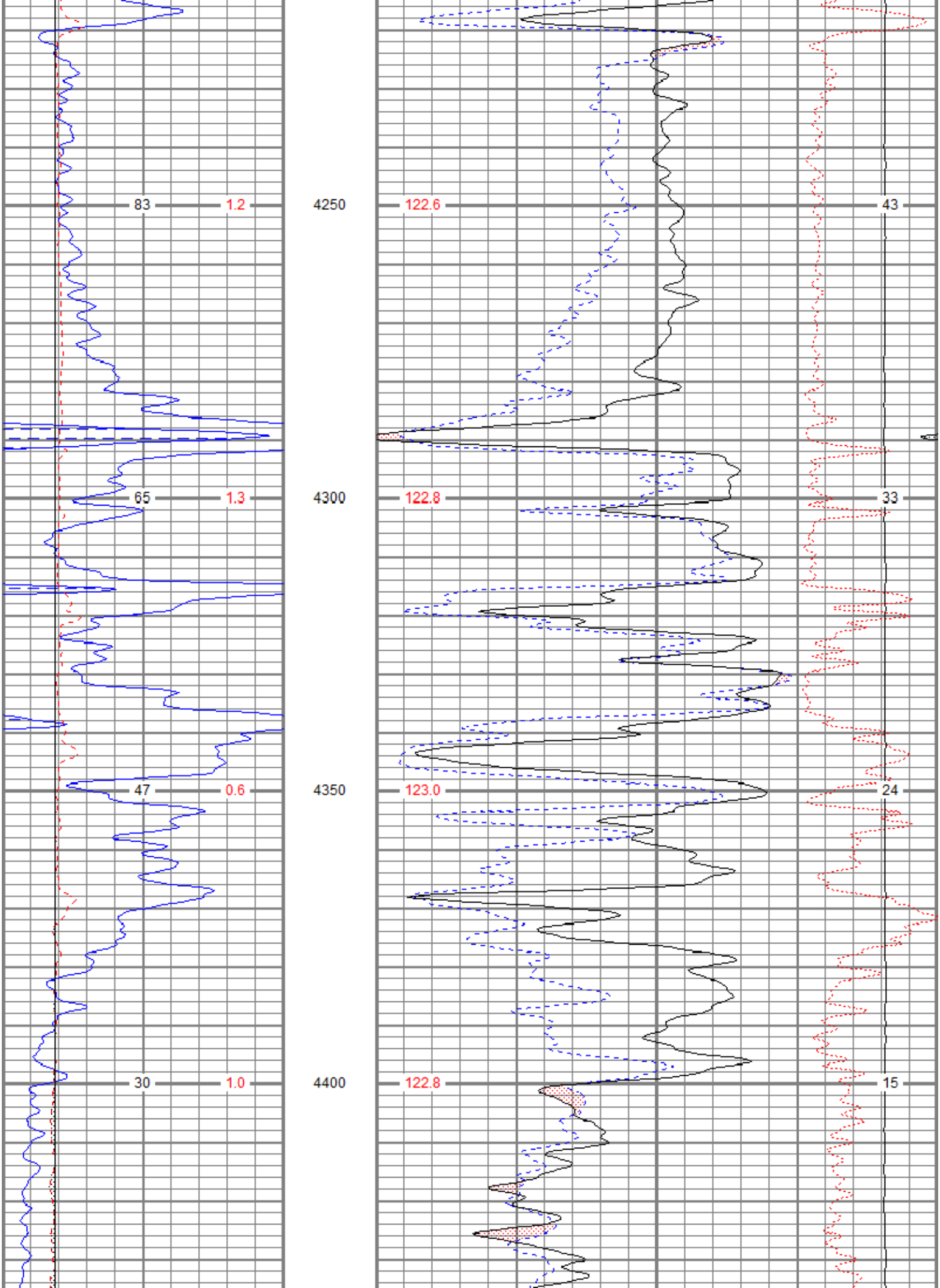
0	GR (GAPI)	150
6	DCAL (in)	16
6	BOREID (in)	16
	TBHV (ft3) / DEVI (deg)	

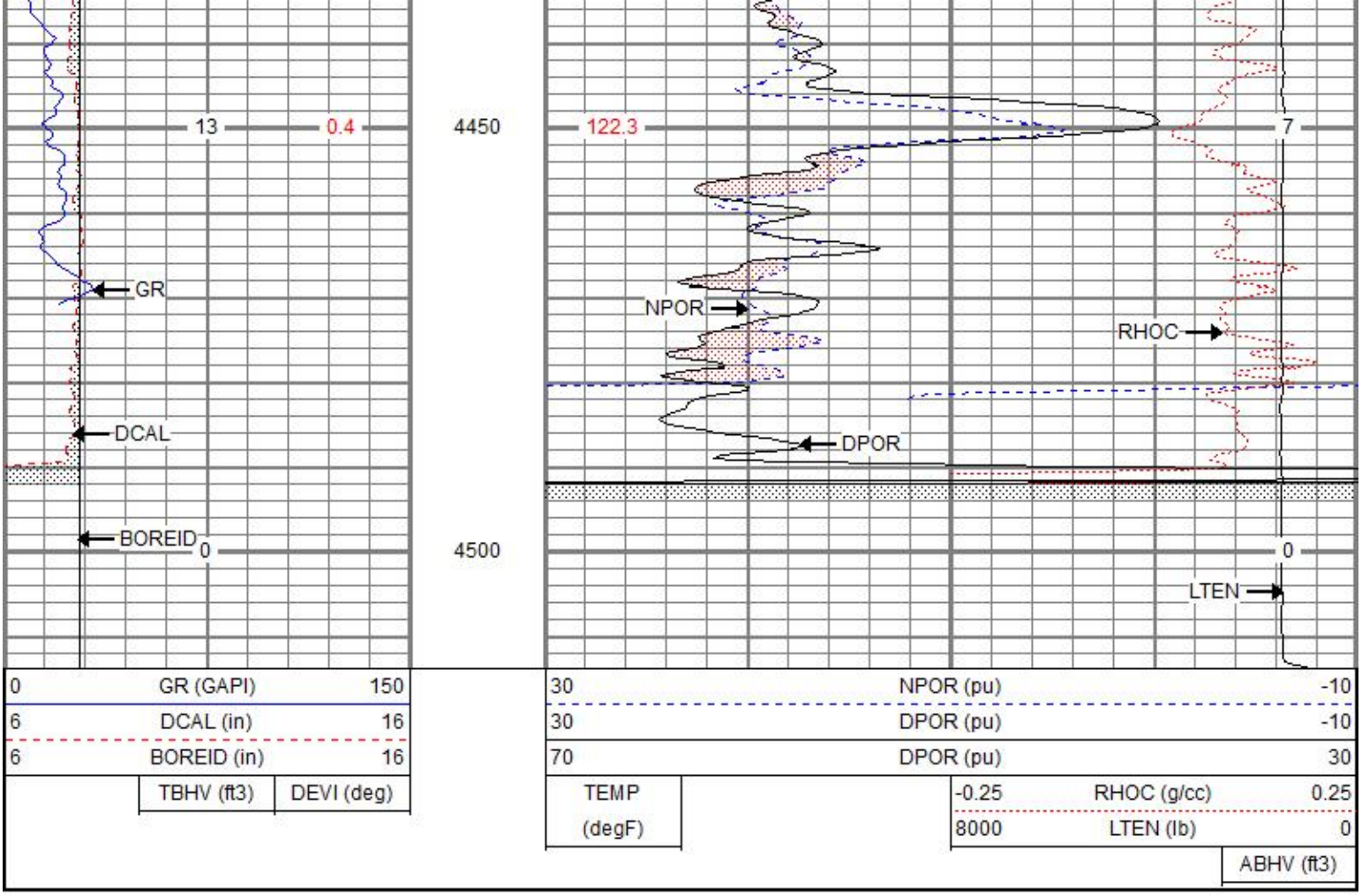
30	NPOR (pu)	-10
30	DPOR (pu)	-10
70	DPOR (pu)	30
TEMP (degF)		
-0.25	RHOC (g/cc)	0.25
8000	LTEN (lb)	0
	ABHV (ft3)	




239
2.0
3800
120.0
125
222
1.9
3850
120.2
116
205
2.0
3900
120.6
107
187
1.9
3950
120.8
98


170
1.9
4000
121.0
89
153
1.9
4050
121.4
81
137
1.7
4100
121.7
72
119
1.8
4150
122.1
63
100
1.7
4200
122.3
52


83
1.2
4250
122.6
43
65
1.3
4300
122.8
33
47
0.6
4350
123.0
24
30
1.0
4400
122.8
15



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

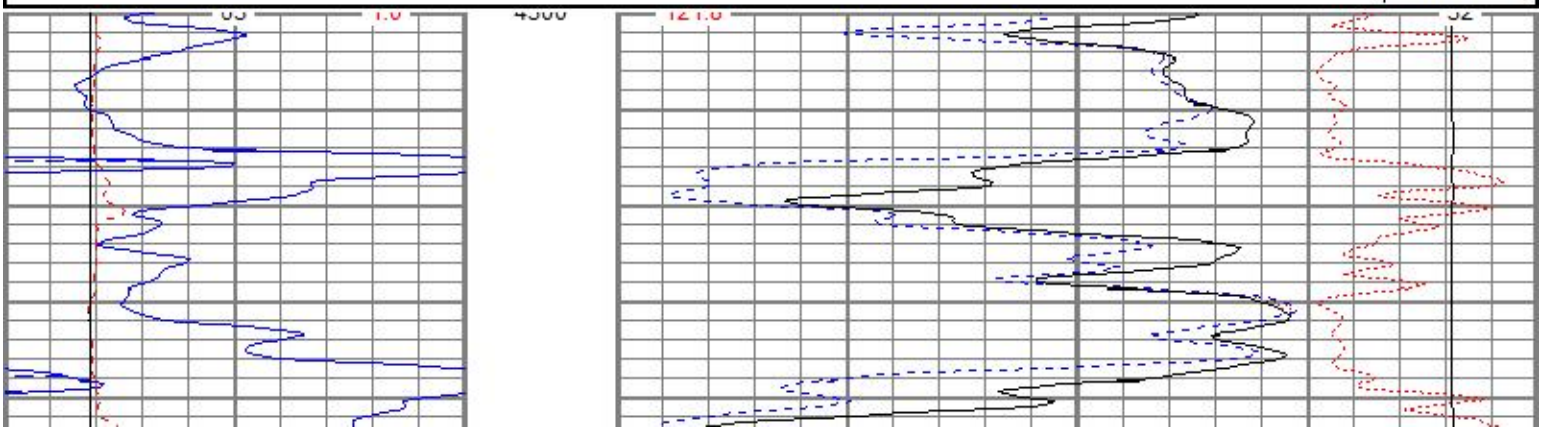
30	NPOR (pu)	-10
30	DPOR (pu)	-10
70	DPOR (pu)	30
TEMP (degF)	-0.25 / RHOC (g/cc)	0.25
	8000 / LTEN (lb)	0
	ABHV (ft3)	

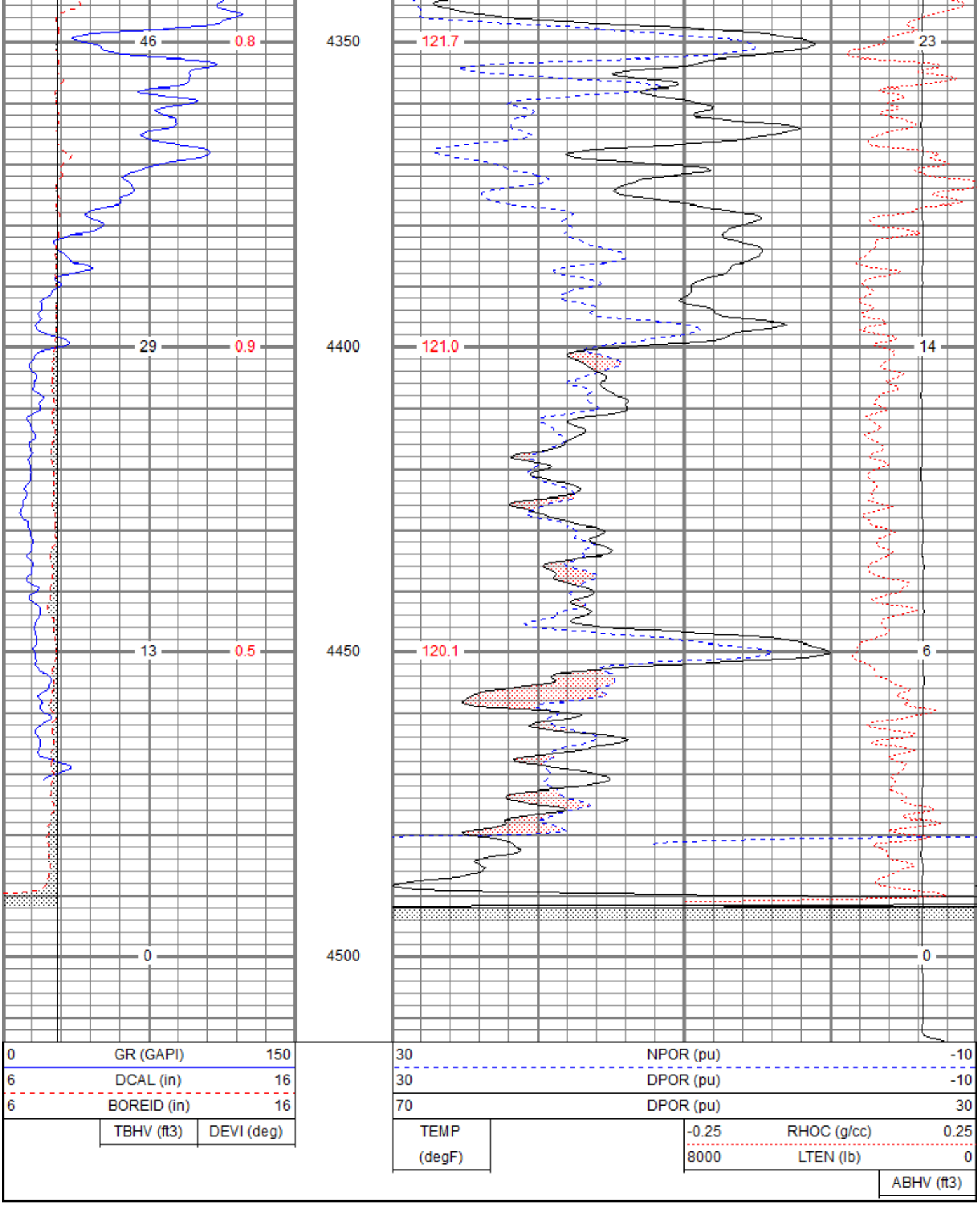
REPEAT SECTION

Database File	ppmccreighttrust#2oh.db
Dataset Pathname	pass1
Presentation Format	digital_kcdnl
Dataset Creation	Tue Sep 18 23:51:22 2018
Charted by	Depth in Feet scaled 1:240

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

30	NPOR (pu)	-10
30	DPOR (pu)	-10
70	DPOR (pu)	30
TEMP (degF)	-0.25 / RHOC (g/cc)	0.25
	8000 / LTEN (lb)	0
	ABHV (ft3)	





Calibration Report

Database File	ppmccreighttrust#2oh.db
Dataset Pathname	pass2
Dataset Creation	Wed Sep 19 00:13:26 2018

Dual Induction Calibration Report

Serial-Model:	5375-G
Surface Cal Performed:	Sat Oct 10 08:33:18 2015
Downhole Cal Performed:	Sat Oct 10 08:33:23 2015
After Survey Verification Performed:	Sat Oct 10 08:33:27 2015

Surface Calibration

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.007	0.642	V	0.000	350.000	mmho/m	551.294	-3.816
Medium	0.010	0.728	V	0.000	400.000	mmho/m	556.531	-5.391
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.007	0.642	V	0.000	350.000	mmho/m	550.717	-3.768
Medium	0.010	0.729	V	0.000	550.000	mmho/m	764.510	-7.354

Downhole Calibration

	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.145	350.239	mmho/m	-0.044	350.323	mmho/m	1.001	-0.189
Medium	0.435	400.472	mmho/m	-0.037	400.340	mmho/m	1.001	-0.473
Shallow	2.440	0.018	V	500.000	2.000	Ohm-m	185.000	1.624

After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	0.145	350.239	mmho/m	1.001	-0.189
Medium	0.000	0.000	mmho/m	0.435	400.472	mmho/m	1.001	-0.473
Shallow	0.000	0.000	Ohm-m	500.000	2.000	Ohm-m	1.000	0.000

Neutron Calibration Report

Serial Number:	ADM5139	
Tool Model:	lithogearhart	
Performed:	(Not Performed)	
Calibrator Value:	1	NAPI
Calibrator Reading:	1	cps
Sensitivity:	1	NAPI/cps

Temperature Calibration Report

Serial Number:	WithMC			
Tool Model:	WMC			
Performed:	(Not Performed)			
	Reference		Reading	
Low Reference:	0.00	degF	0.00	degF
High Reference:	1.00	degF	1.00	degF
Gain:	1.00			
Offset:	0.00			
Delta Spacing	1			

Inclinometer Calibration Report

Performed:	Mon Aug 07 11:02:07 2017

	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	205.00	1843.00	-1.00	1.00	gee
Y Accelerometer	205.00	1843.00	-1.00	1.00	gee
Z Accelerometer					gee

Gamma Ray Calibration Report

Serial Number:	WithMC	
Tool Model:	WMC	
Performed:	Mon Aug 07 11:03:41 2017	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.9000	GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CHD-STD	0.50	1.69	1.00
GR	40.47					
ACCY	39.30		ADT-WMC (WithMC) Admyr Telemetry With Mudcell	4.58	3.50	120.00
ACCX	39.30					
SSTAT	38.89					
PSTAT	38.05					
ASTAT	38.05		NEU-lithogearhart (ADM5139)	5.65	3.50	85.00
GRD	37.22					
TEMP	37.22					
NEU	33.85					
			CDL-GEARHART (2501)	9.69	4.00	240.00
LSD	23.78					
DCAL	23.49					
SSD	23.24					
SP	10.60		DIL-G (5375) Gearhart	21.47	4.00	345.00
CILD	10.60					
CILM	6.89					
RLL3	1.70					

Dataset:	ppmccreighttrust#2oh.db: field/well/run1/pass2
Total length:	41.89 ft
Total weight:	791.00 lb
O.D.:	4.00 in