LITHO DENSITY NEUTRON LOG

Company TRIPLE CROWN OPERATING, LLC.
Well COX #3-35
Field COUNTY LINE
County NESS State KS

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Well COX #3-35
Field COUNTY LINE
County NESS
State KS

Location: API # : 15 135 26166

740' FSL & 1758' FWL

SEC 35 TWP 20S RGE 22W

Other Services
DIL
ML

Elevation
K.B. 2171
D.F. 2169
G.L. 2164

Permanent Datum	Ground Level	Elevation 2164
Log Measured From	KB 7' AGL	
Drilling Measured From	KB	

Date	4/25/22
Run Number	One
Depth Driller	4328
Depth Logger	4324
Bottom Logged Interval	4304
Top Log Interval	3500
Casing Driller	8 5/8" @ 1376
Casing Logger	1376
Bit Size	7 7/8"
Type Fluid in Hole	Chemical
Density / Viscosity	9.3/57\0
pH / Fluid Loss	11.0/8.0
Source of Sample	Pit
Rm @ Meas. Temp	.9@70degf
Rmf @ Meas. Temp	.68@70degf
Rmc @ Meas. Temp	1.08@70degf
Source of Rmf / Rmc	Calculated
Rm @ BHT	.54@115degf
Time Circulation Stopped	6:00 A.M.
Time Logger on Bottom	11:01 AM
Maximum Recorded Temperature	115degf
Equipment Number	T605
Location	Hays, KS
Recorded By	GUS PFANENSTIEL
Witnessed By	PAT DEENIHAN

<<< Fold Here >>>

Comments

WEST OF BAZINE TO BB RD. SOUTH TO Y RD.
1/2 EAST, NORTH INTO.

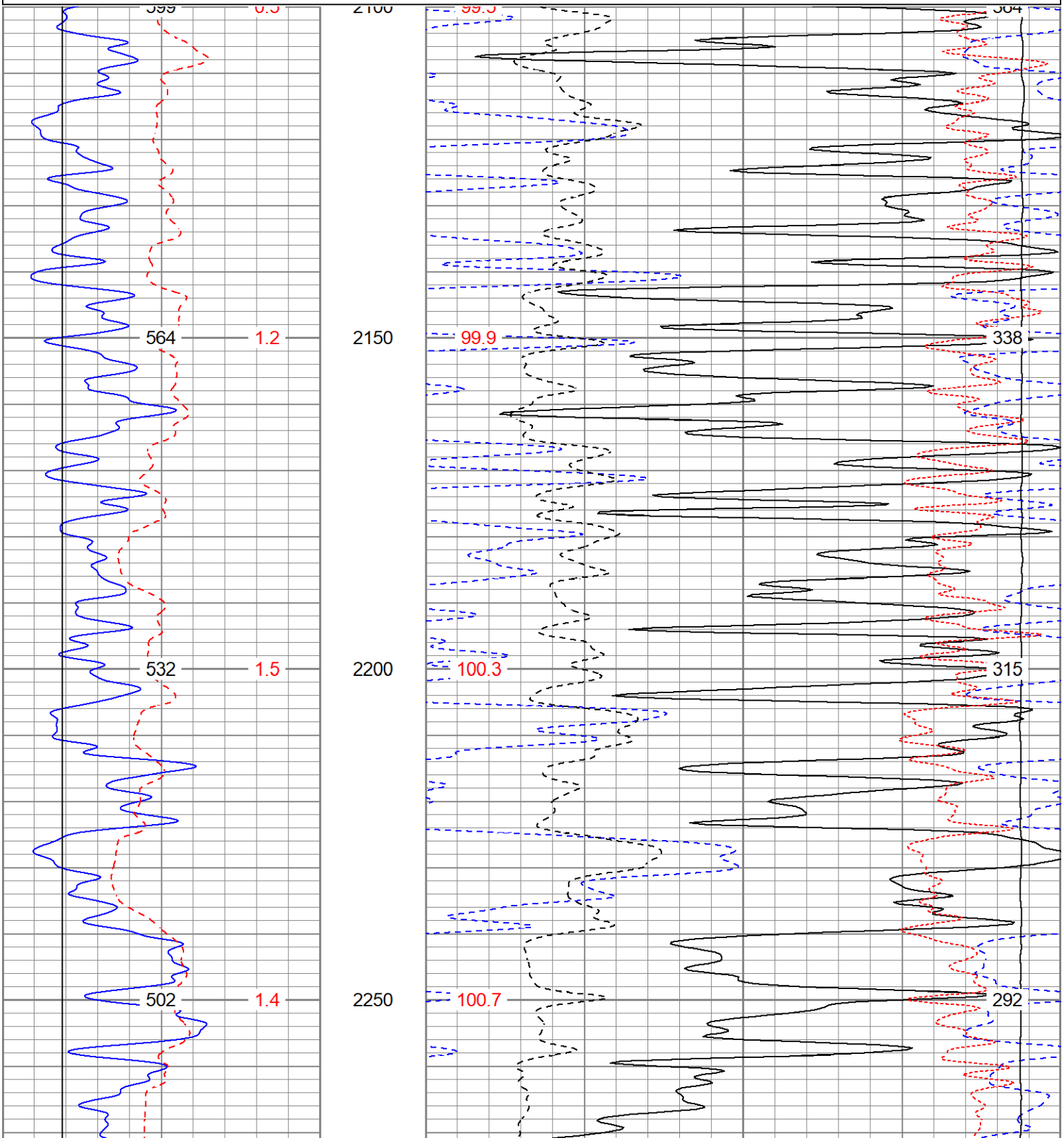
Thank You for using Gemini Wireline LLC
785-625-1182

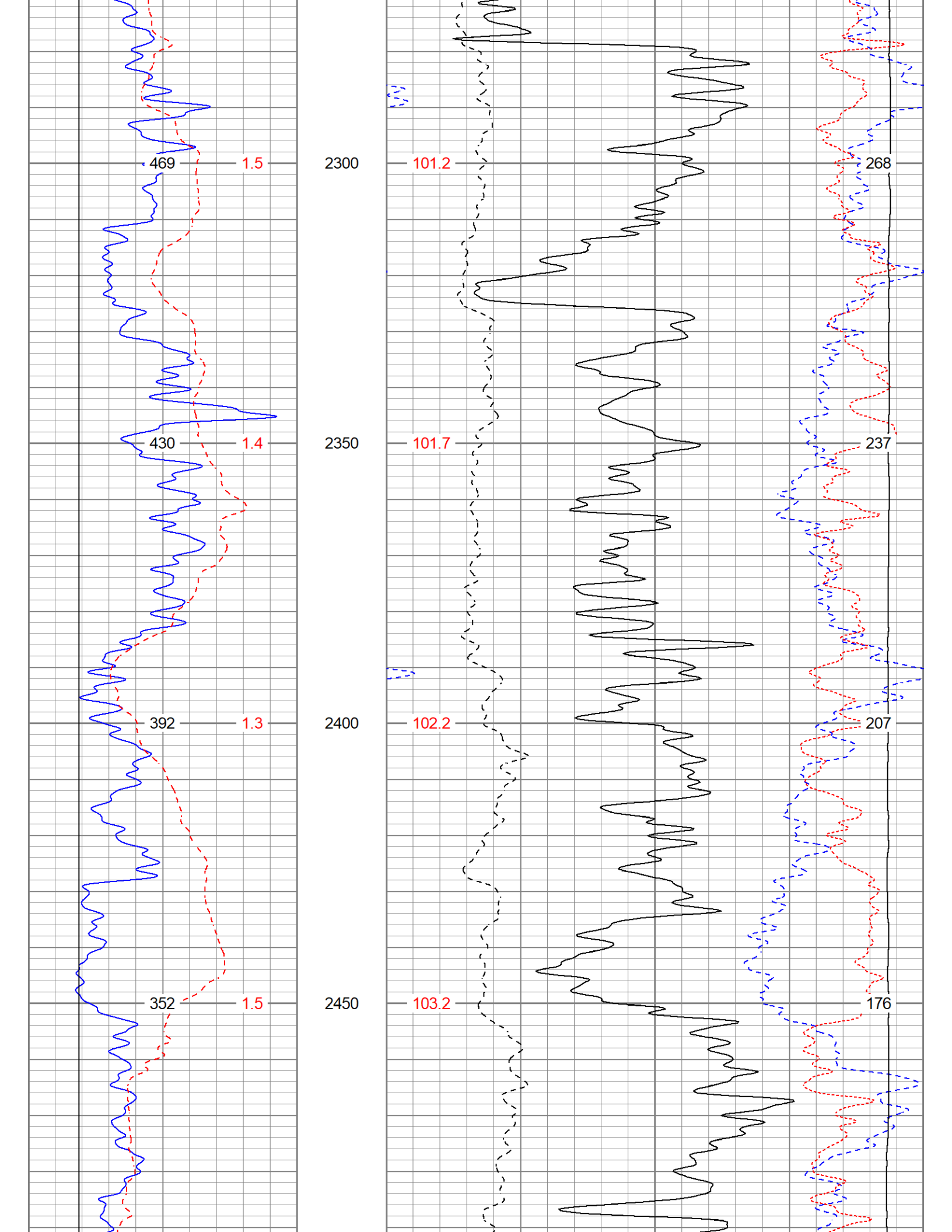
MAIN PASS

Database File	tccox#3-35oh.db
Dataset Pathname	pass4.1
Presentation Format	digital_kcdnl
Dataset Creation	Mon Apr 25 12:30:50 2022
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
0	Pe (barn)	10
-0.25	RHOC (g/cc)	0.25
TEMP (degF)		
8000	LTEN (lb)	0
	ABHV (ft3)	

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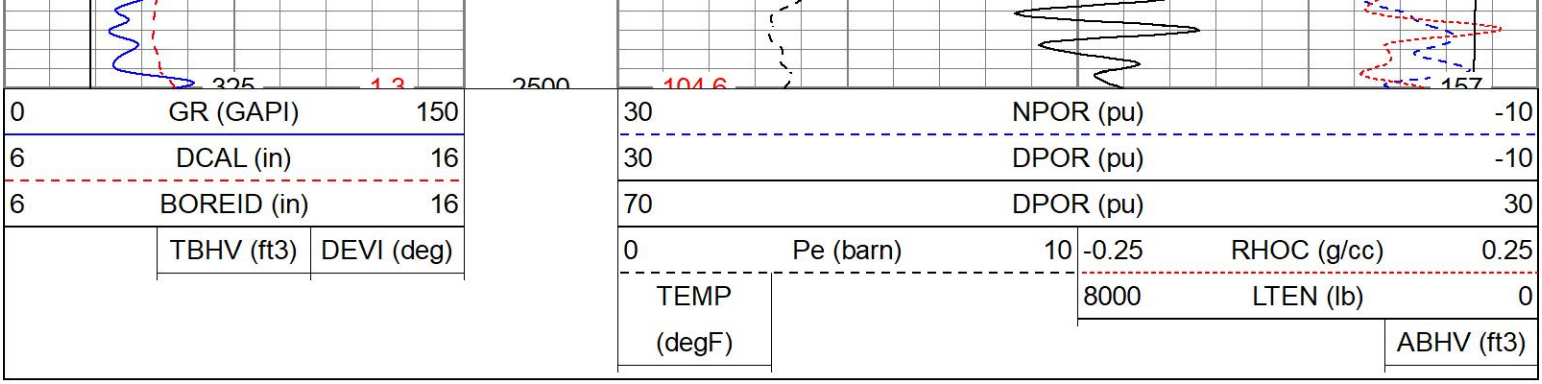
1.5
2300
101.2
268
430
1.4
2350
101.7
237
392
1.3
2400
102.2
207
352
1.5
2450
103.2
176



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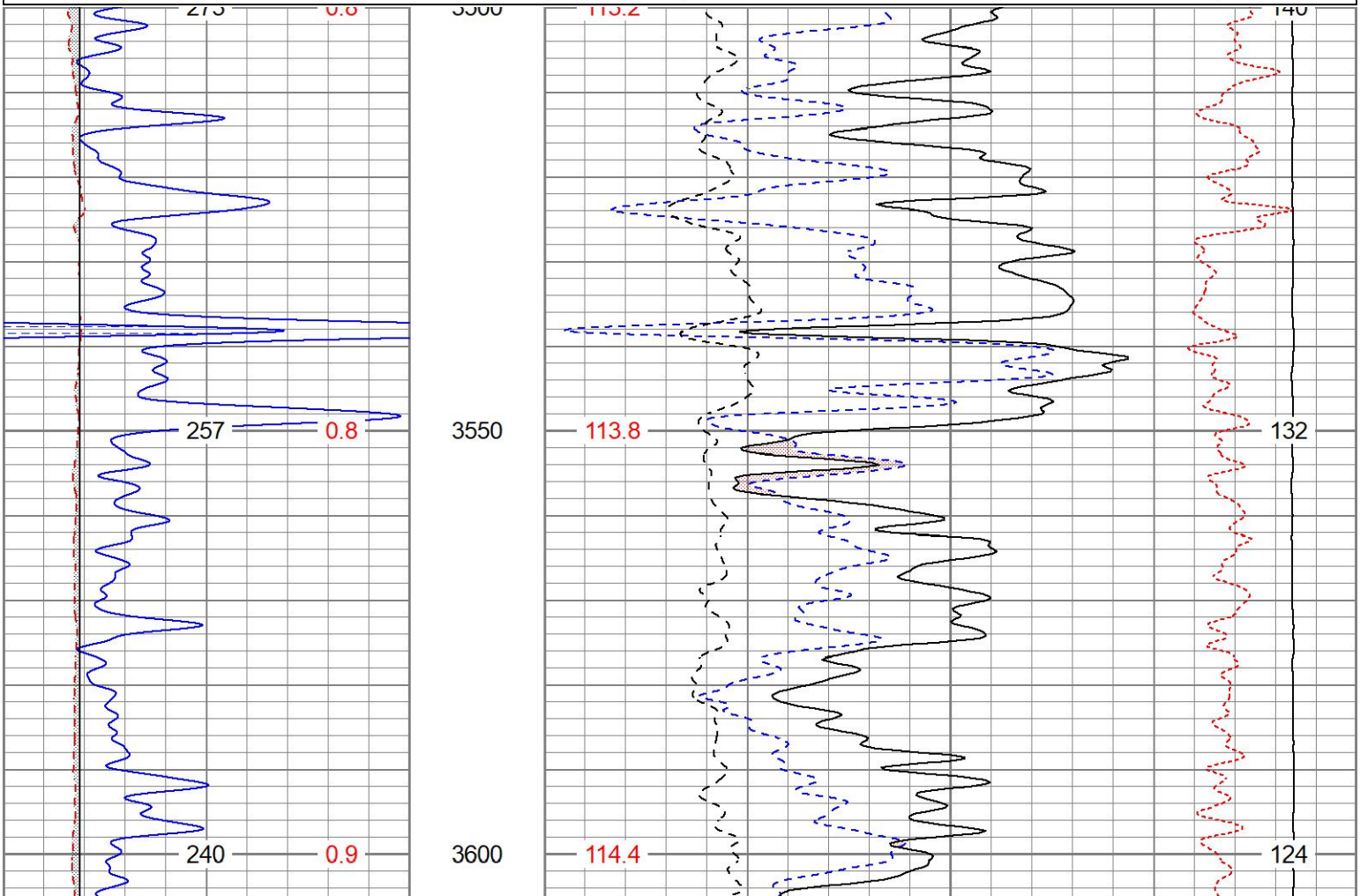
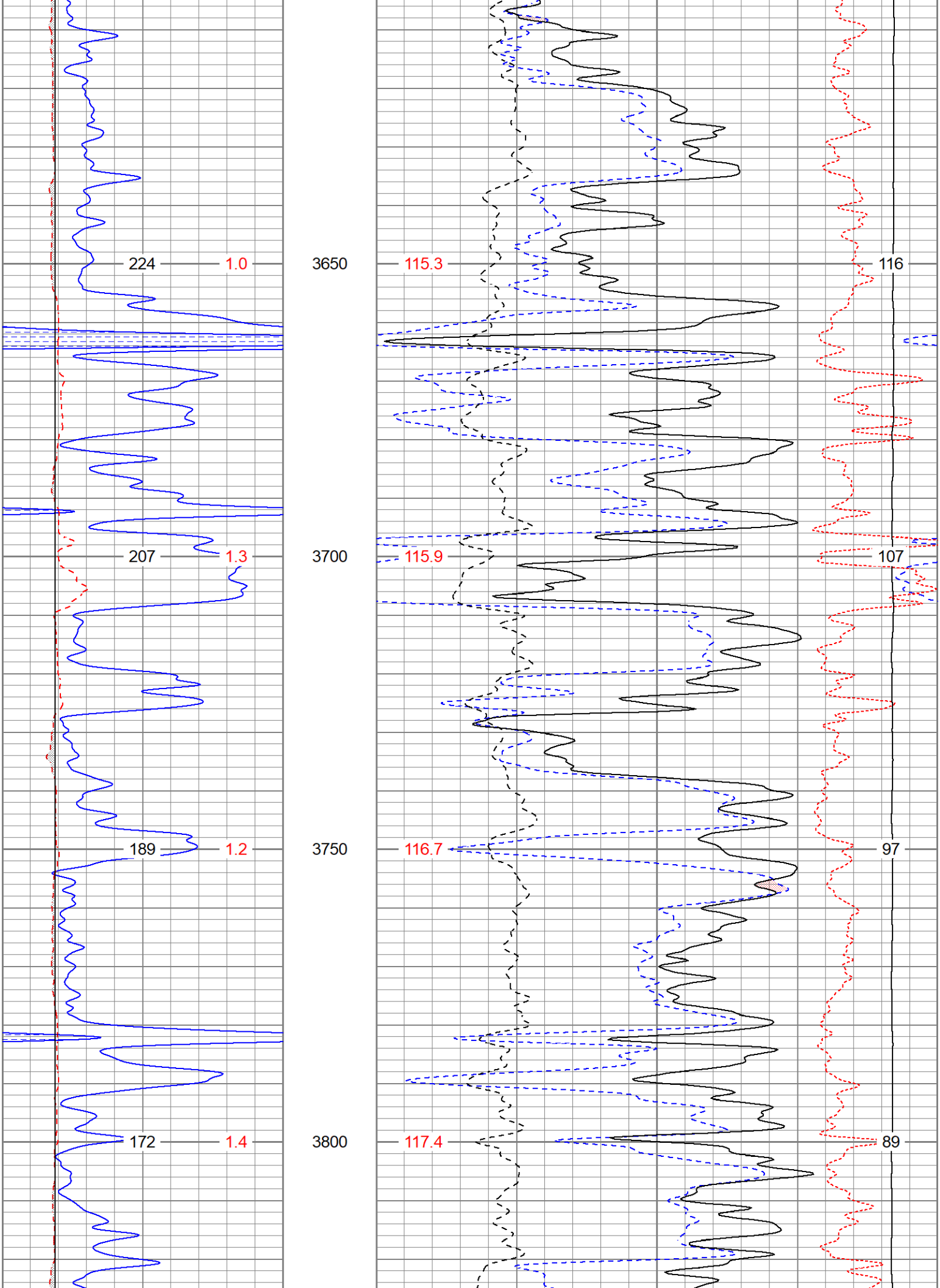
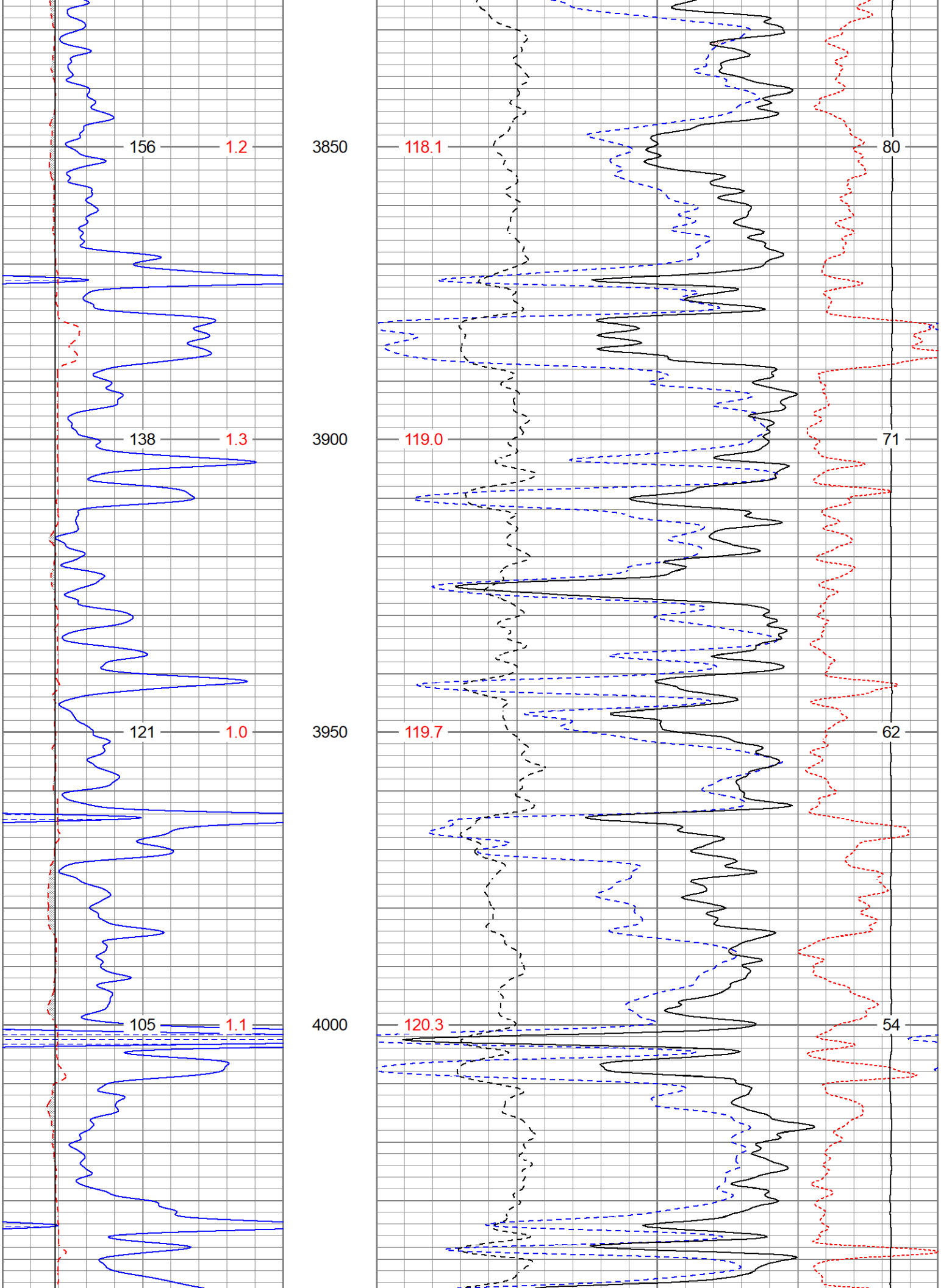
0 GR (GAPI) 150
6 DCAL (in) 16
6 BOREID (in) 16
TBHV (ft3)
DEVI (deg)
30 NPOR (pu) -10
30 DPOR (pu) -10
70 DPOR (pu) 30
0 Pe (barn) 10
-0.25 RHOC (g/cc) 0.25
TEMP
(degF)
8000 LTEN (lb) 0
ABHV (ft3)




224
1.0
3650
115.3
116
207
1.3
3700
115.9
107
189
1.2
3750
116.7
97
172
1.4
3800
117.4
89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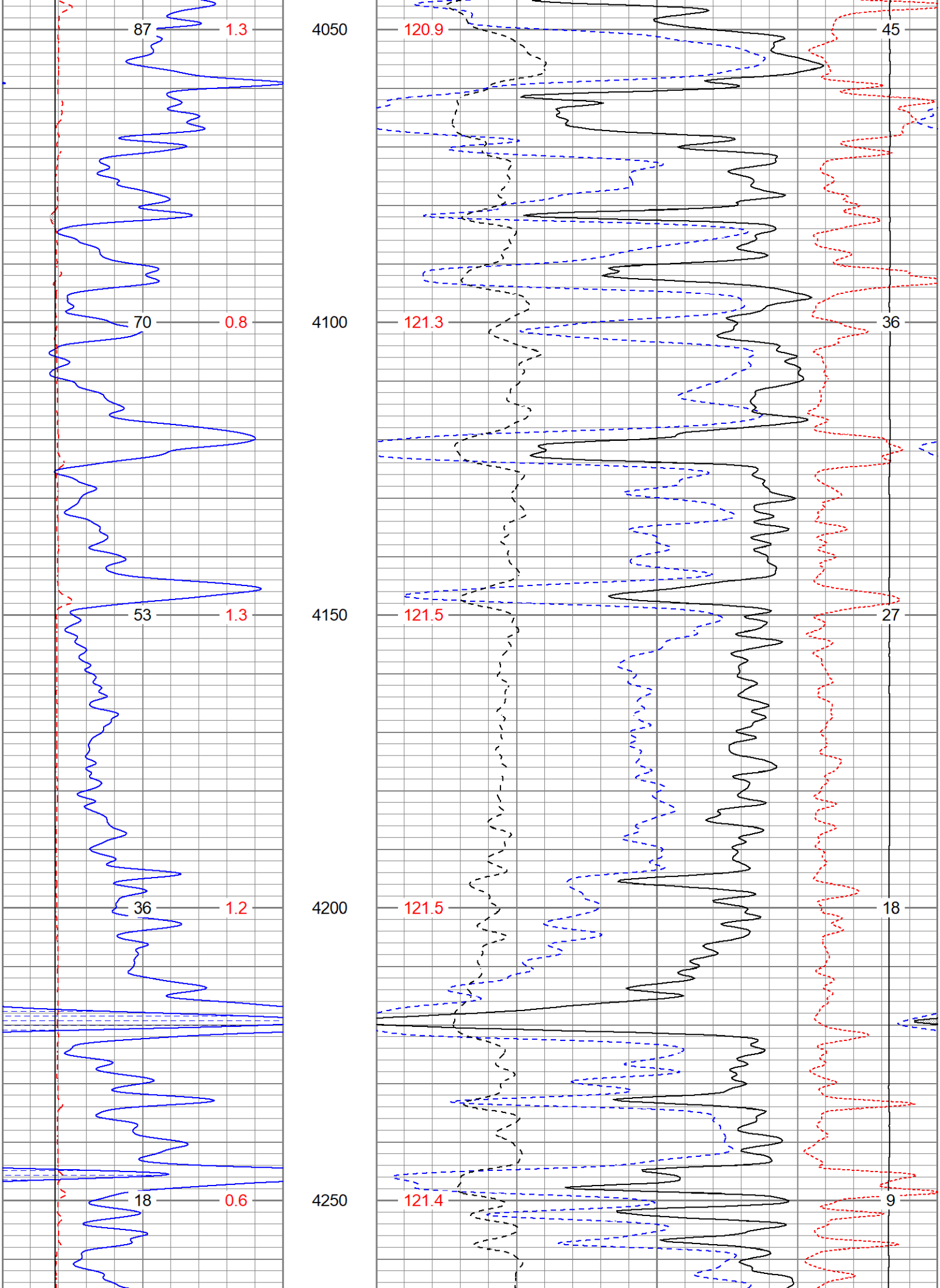
1.2
3850
118.1
80
138
1.3
3900
119.0
71
121
1.0
3950
119.7
62
105
1.1
4000
120.3
54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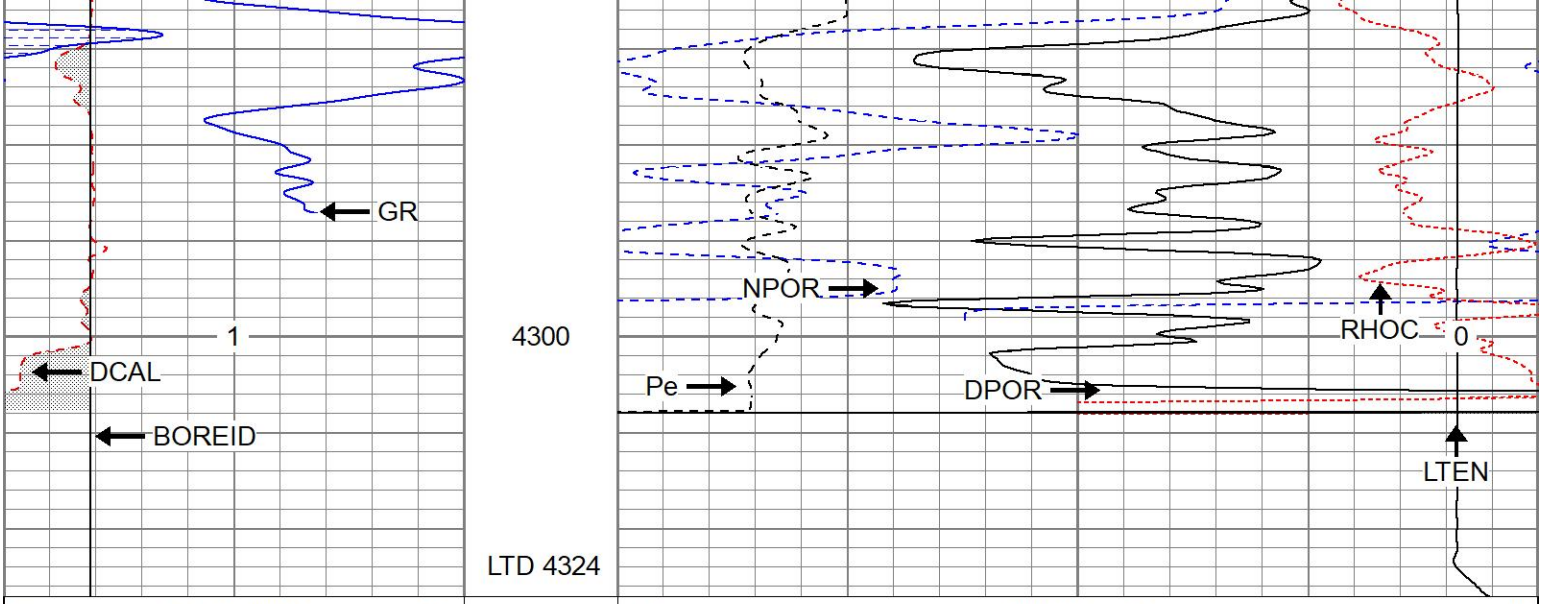
1.3
4050
120.9
45
70
0.8
4100
121.3
36
53
1.3
4150
121.5
27
36
1.2
4200
121.5
18
18
0.6
4250
121.4
9



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6	DCAL (in)	16
6	BOREID (in)	16
	TBHV (ft3) / DEVI (deg)	

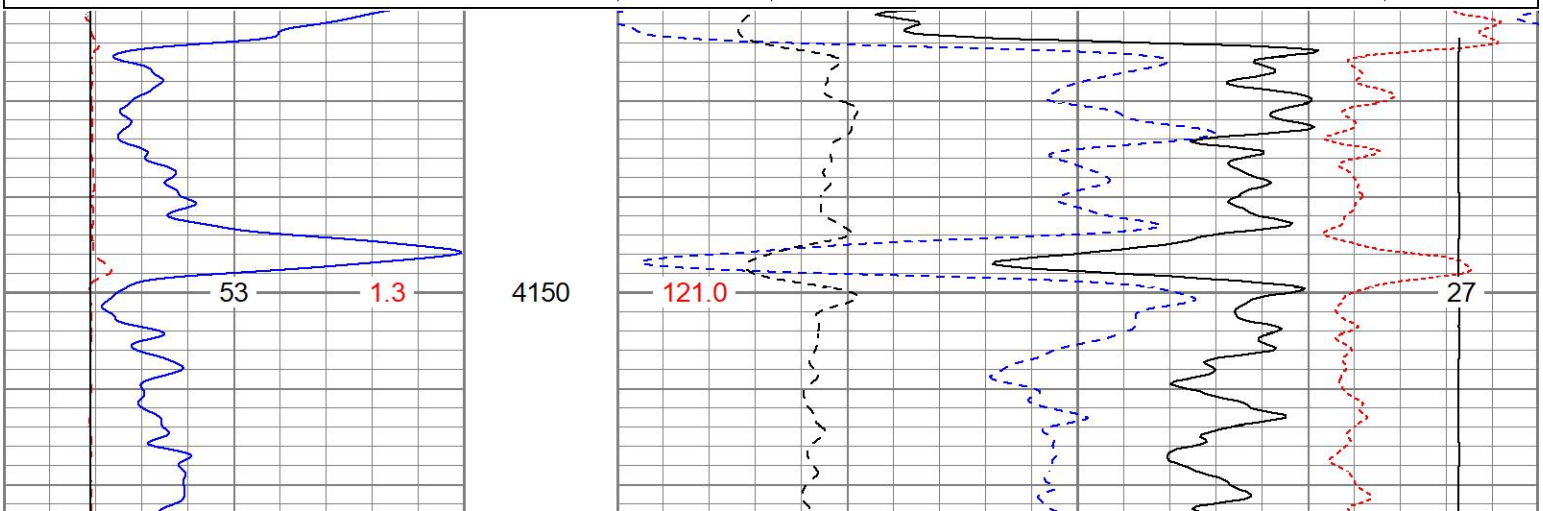
30	NPOR (pu)			-10
30	DPOR (pu)			-10
70	DPOR (pu)			30
0	Pe (barn)	10	-0.25 RHOC (g/cc)	0.25
TEMP (degF)			8000 LTEN (lb)	0
				ABHV (ft3)

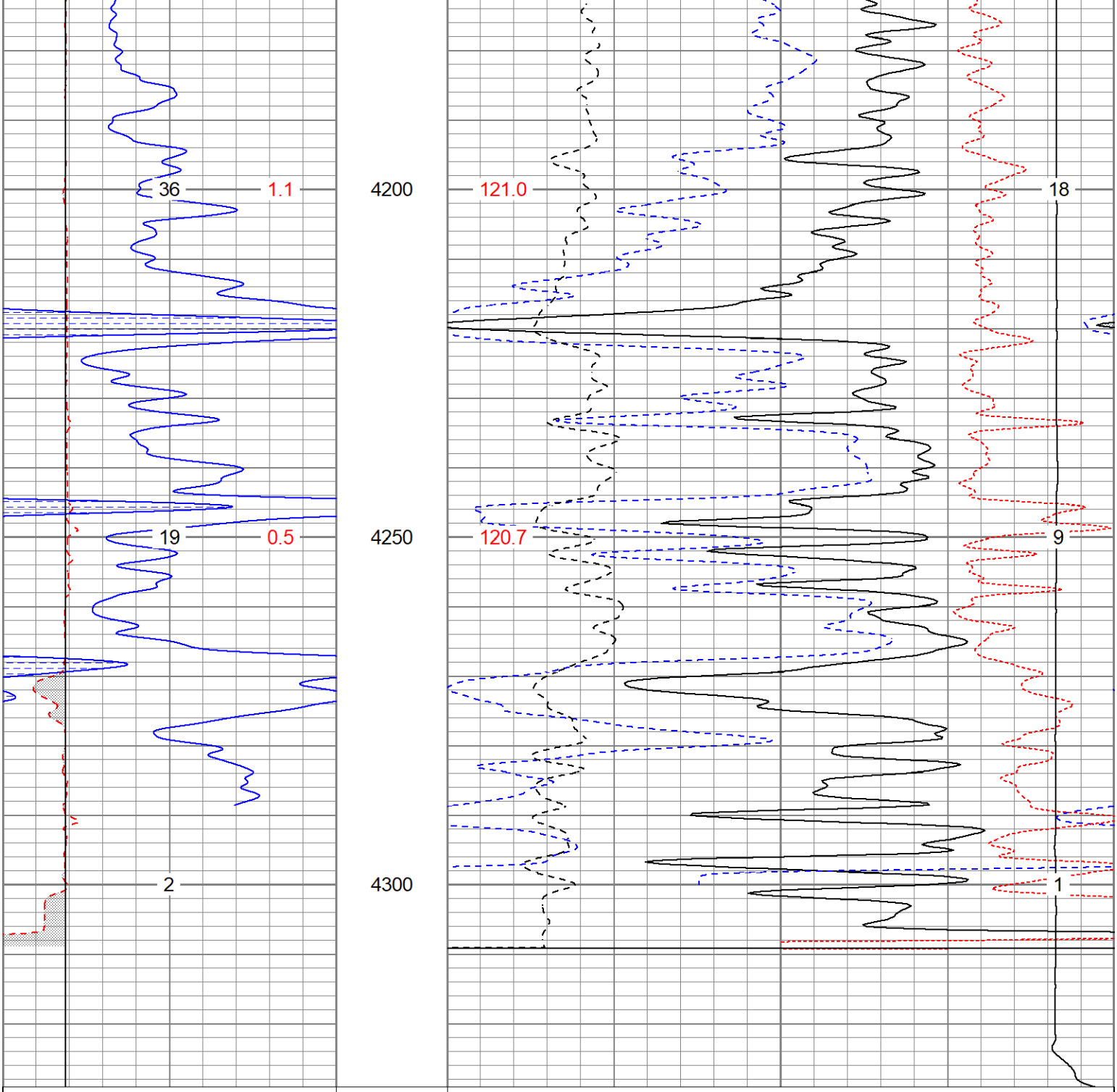
REPEAT SECTION

Database File	tccox#3-35oh.db
Dataset Pathname	pass3.1
Presentation Format	digital_kcdnl
Dataset Creation	Mon Apr 25 12:34:34 2022
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
0	Pe (barn)	10	-0.25 RHOC (g/cc)	0.25
TEMP (degF)			8000 LTEN (lb)	0
				ABHV (ft3)





Calibration Report

Database File	tccox#3-35oh.db
Dataset Pathname	pass3.1
Dataset Creation	Mon Apr 25 12:34:34 2022

Dual Induction Calibration Report

Serial-Model:	1842-ADM

Surface Cal Performed:	Mon Sep 20 22:00:42 2021
Downhole Cal Performed:	Mon Sep 20 22:00:24 2021
After Survey Verification Performed:	Mon Sep 20 22:05:52 2021

Surface Calibration

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.018	0.672	V	0.000	350.000	mmho/m	535.475	-9.896
Medium	0.003	0.769	V	0.000	400.000	mmho/m	522.607	-1.745
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.018	0.672	V	0.000	350.000	mmho/m	535.240	-9.549
Medium	0.003	0.768	V	0.000	550.000	mmho/m	718.637	-2.088

Downhole Calibration

	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	-0.219	349.905	mmho/m	-0.343	349.810	mmho/m	1.000	-3.124
Medium	-0.118	399.722	mmho/m	-0.226	399.745	mmho/m	1.000	-3.108
Shallow	2.536	0.025	V	500.000	2.000	Ohm-m	180.330	-1.504

After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.219	349.905	mmho/m	1.000	-3.124
Medium	0.000	0.000	mmho/m	-0.118	399.722	mmho/m	1.000	-3.108
Shallow	0.000	0.000	Ohm-m	500.000	2.000	Ohm-m	1.000	0.000

Admyr Lithodensity Calibration Report

Serial-Model:	1C-C
Source:	Blue2
Master Calibration Performed:	Tue Oct 20 08:37:42 2020

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.670	g/cc	6640.15	4353.97	cps
Aluminium	2.640	g/cc	1651.98	2729.31	cps
Aluminium+Sleeve	2.640	g/cc	1651.98	2729.31	cps

Spine Angle = 71.44

Density/Spine Ratio = 0.661

	PE		NLITH	NHARD	
Magnesium	1.900	barn	1410.00	1000.00	cps
Aluminium	2.400	barn	1101.00	918.50	cps
Aluminium+Sleeve	5.000	barn	656.00	951.00	cps

M = 0.448

B = -0.112

R = 0.999

	Size		Reading	
Small Ring	8.30	in	8.61	V
Large Ring	14.30	in	12.40	V

Neutron Calibration Report

Neutron Calibration Report

Serial Number:	AD5139	
Tool Model:	ADMY5139	
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:	Fri Apr 19 12:15:04 2019			
	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: Wed May 5 19:20:48 2021

	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:	Wed May 5 19:21:08 2021	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps