



LITHO DENSITY
NEUTRON
LOG

Company	PALOMINO PETROLEUM	Company	PALOMINO PETROLEUM
Well	GIMME SHELTER #1	Well	GIMME SHELTER #1
Field	UNNAMED	Field	UNNAMED
County	TREGO	County	TREGO
State	KS	State	KS
Location:	1361' FNL & 1629' FEL		Other Services DIL ML
Permanent Datum	SEC 25 TWP 15S RGE 25W	API #: 15-195-23137	
Log Measured From	Ground Level	Elevation	2497
Drilling Measured From	KB 8' AGL		
	KB	Elevation	K.B. 2505 D.F. 2503 G.L. 2497

Date	06/05/22
Run Number	One
Depth Driller	4620
Depth Logger	4620
Bottom Logged Interval	4600
Top Log Interval	3600
Casing Driller	8 5/8" @ 309'
Casing Logger	309
Bit Size	7 7/8"
Type Fluid in Hole	Chemical
Density / Viscosity	9.2/54
pH / Fluid Loss	11.0/5.4
Source of Sample	Pit
Rm @ Meas. Temp	1.2@70degf
Rmf @ Meas. Temp	.90@70degf
Rmc @ Meas. Temp	1.44@70degf
Source of Rmf / Rmc	Calculated
Rm @ BHT	.73@115degf
Time Circulation Stopped	2:00 A.M.
Time Logger on Bottom	4:00 AM
Maximum Recorded Temperature	115degf
Equipment Number	T605
Location	Hays, KS
Recorded By	GUS PFANENSTIEL
Witnessed By	RYAN SEIB

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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

WEST OF ARNOLD TO J RD NORTH TO T EAST 1/4 MILE NORTH TO CC RD.
3/4 MILE, SOUTH INTO.

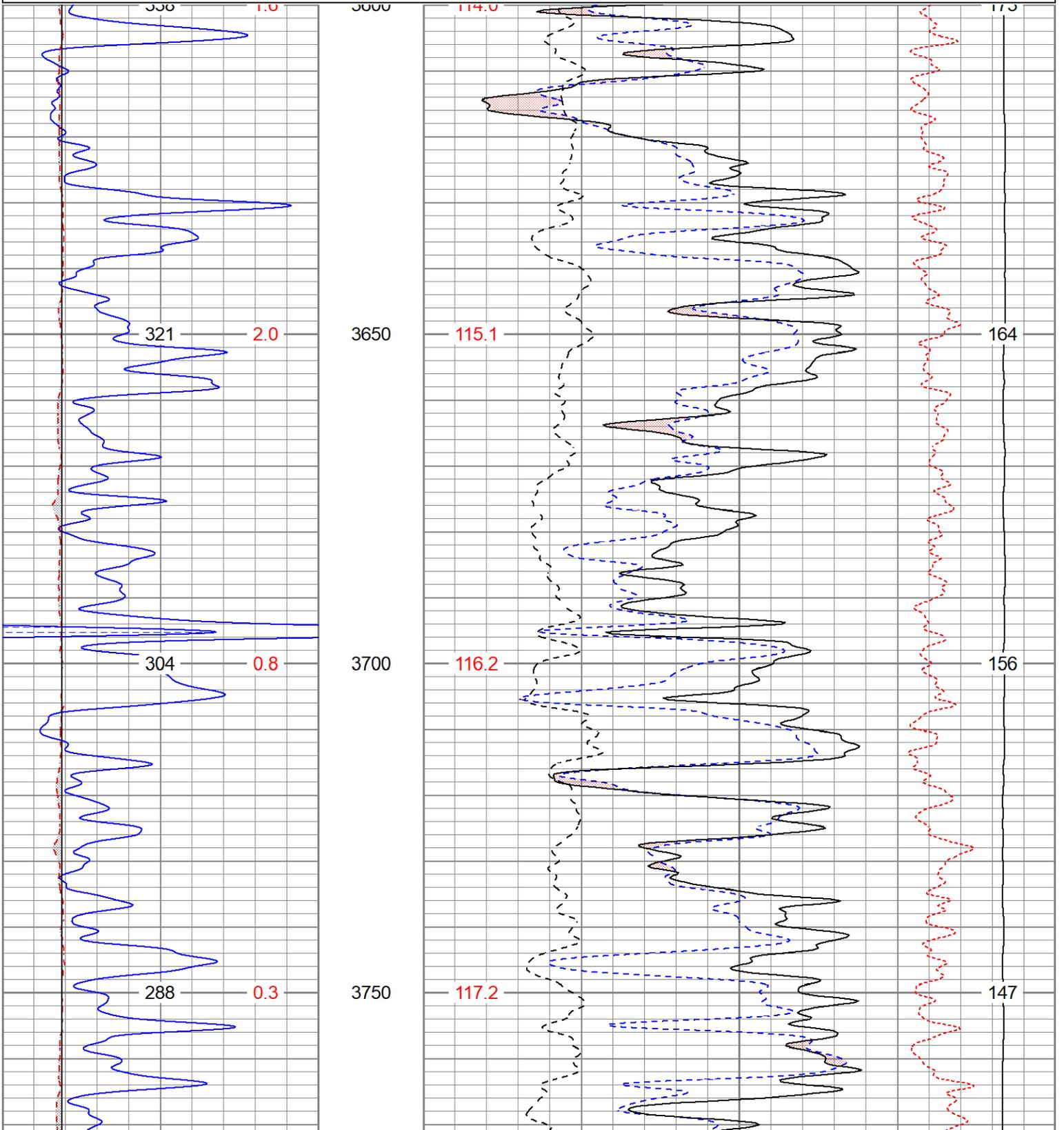
Thank You for using Gemini Wireline LLC
785-625-1182

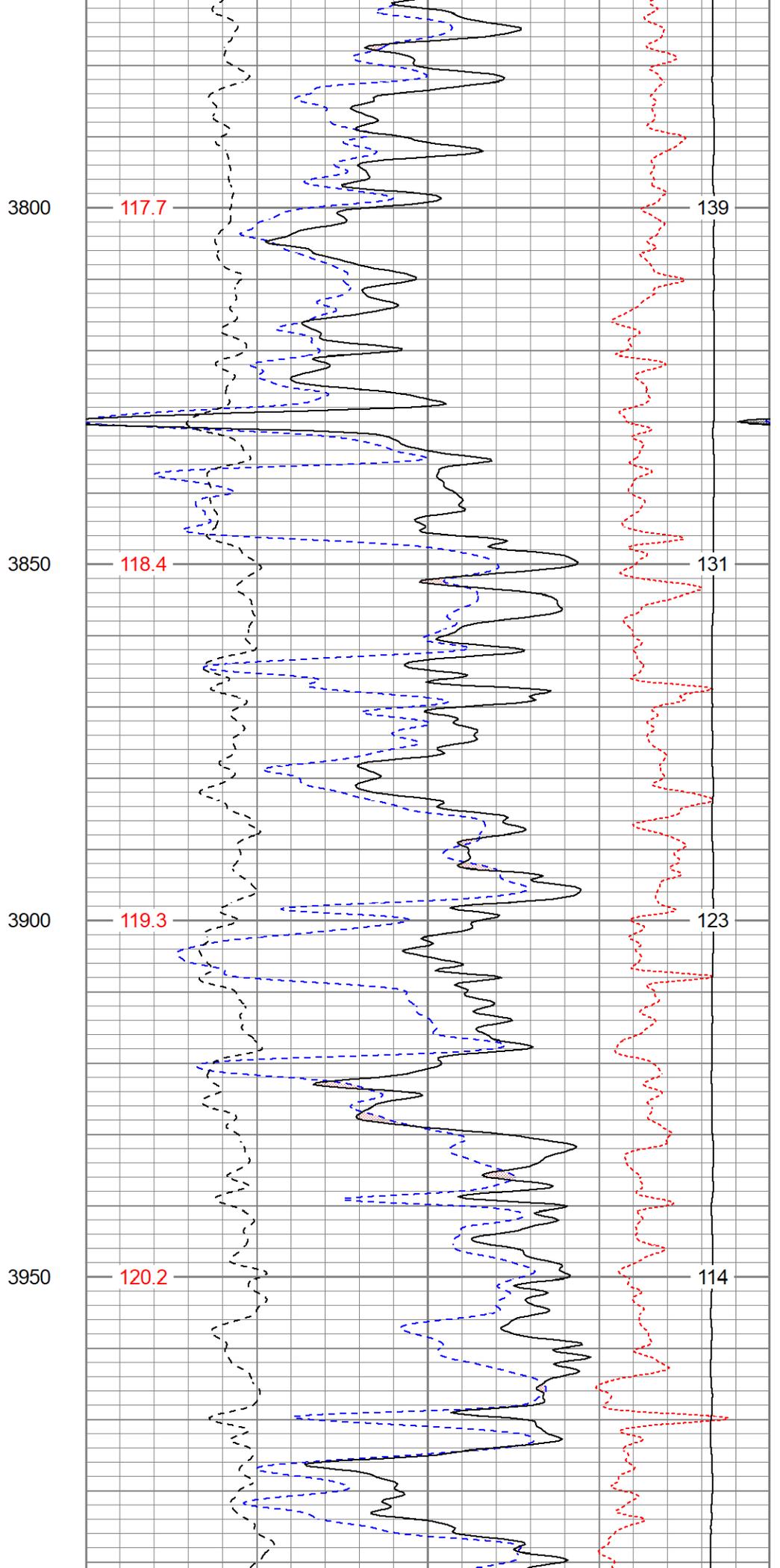
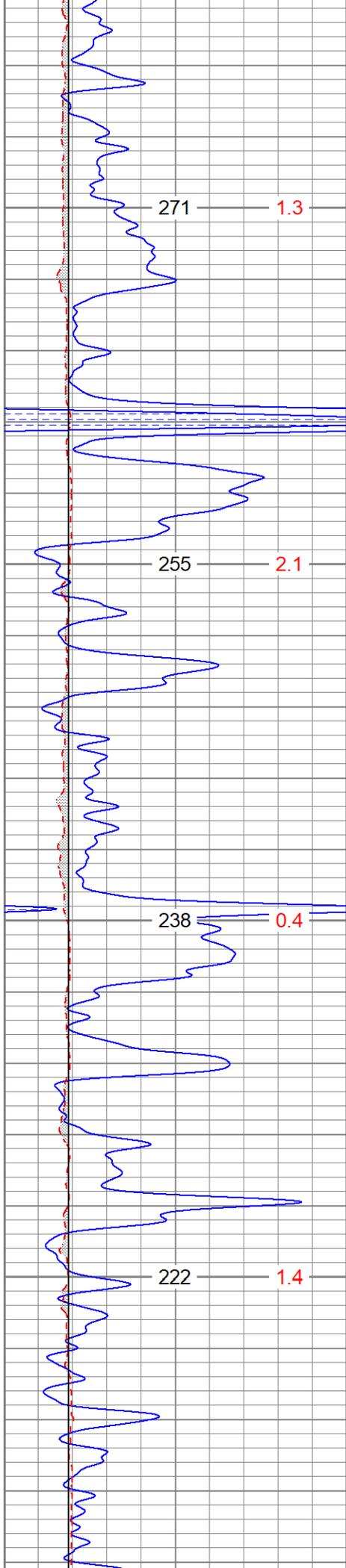


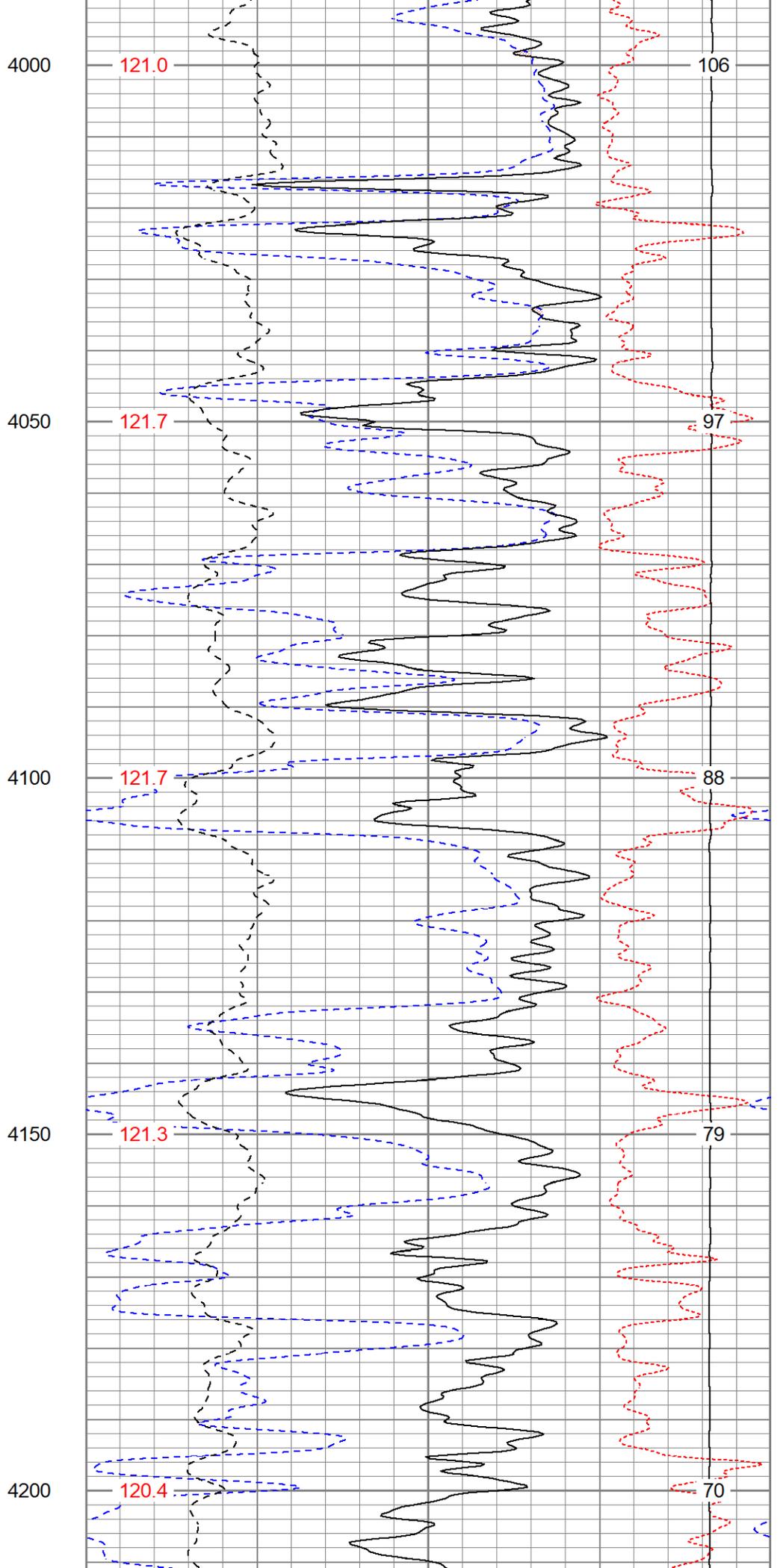
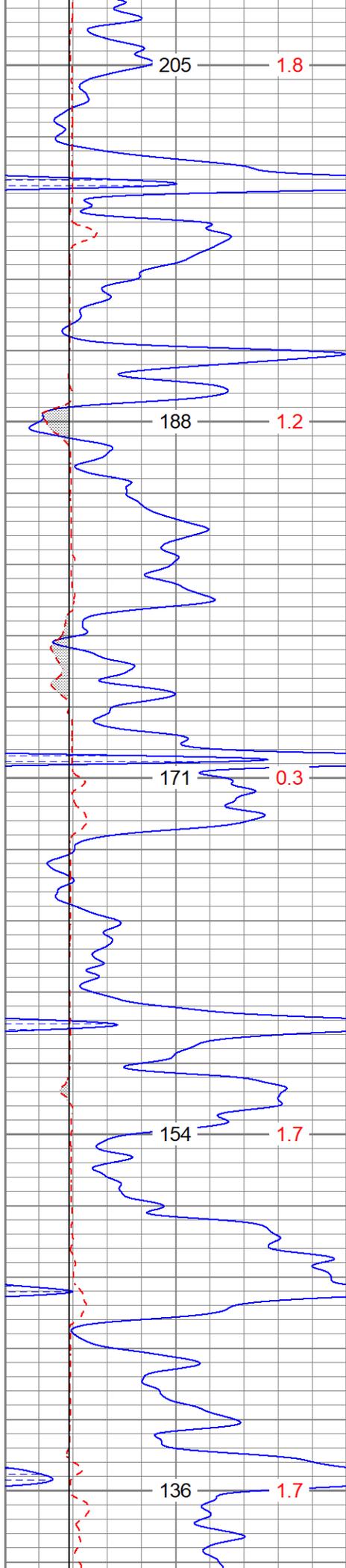
MAIN PASS

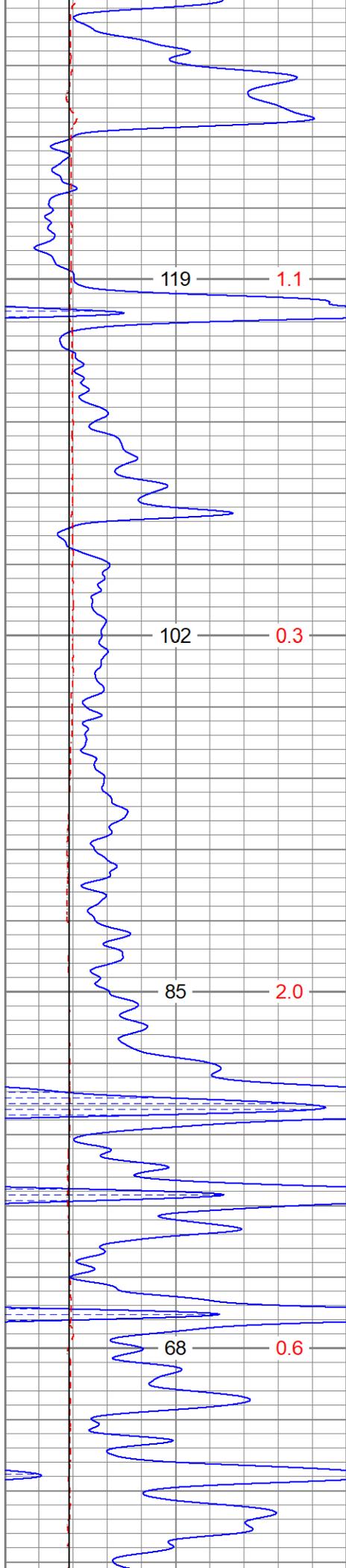
Database File ppgimmeshelter#1oh.db
 Dataset Pathname pass3
 Presentation Format digital_kcdnl
 Dataset Creation Sun Jun 05 05:00:44 2022
 Charted by Depth in Feet scaled 1:240

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)	DEVI (deg)	0	Pe (barn)	10	-0.25	RHOC (g/cc)	0.25
				TEMP (degF)		8000	LTEN (lb)	0
								ABHV (ft3)







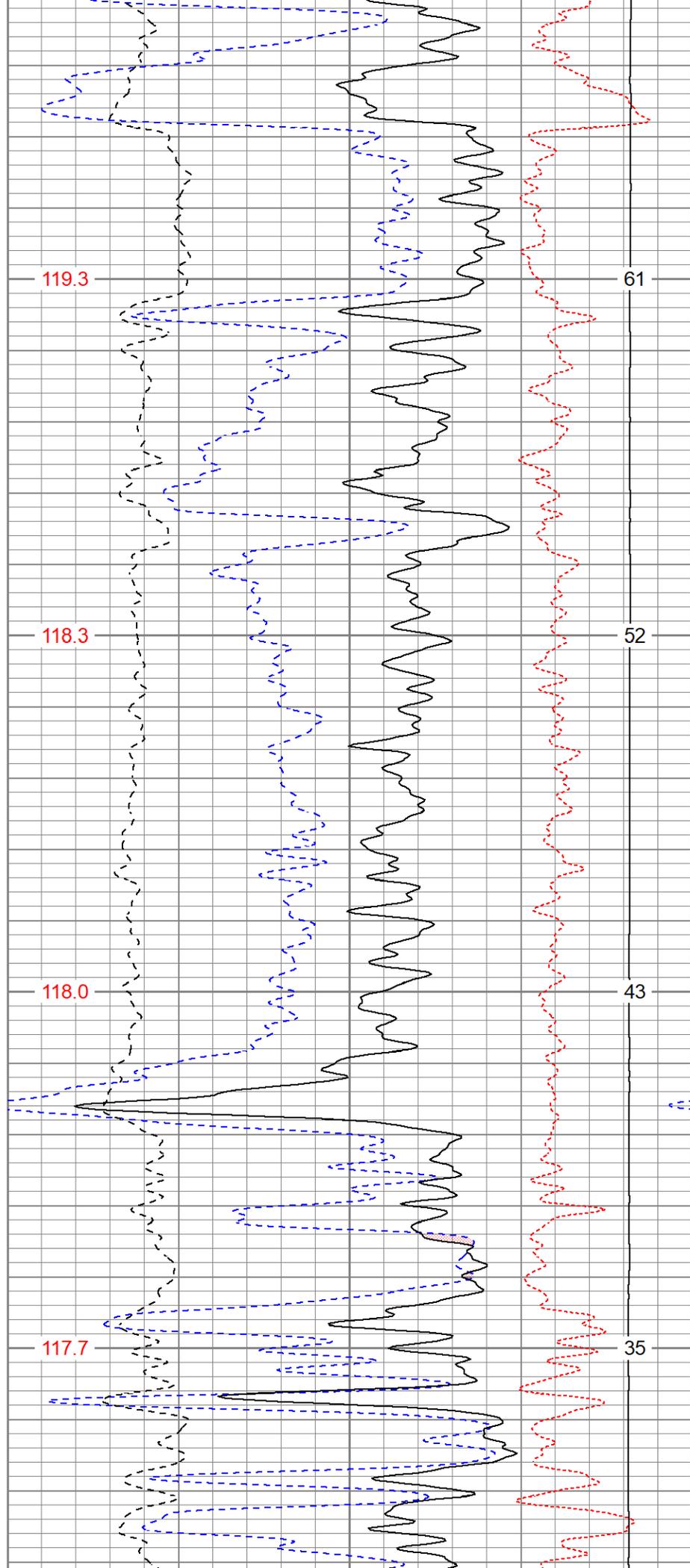


4250

4300

4350

4400

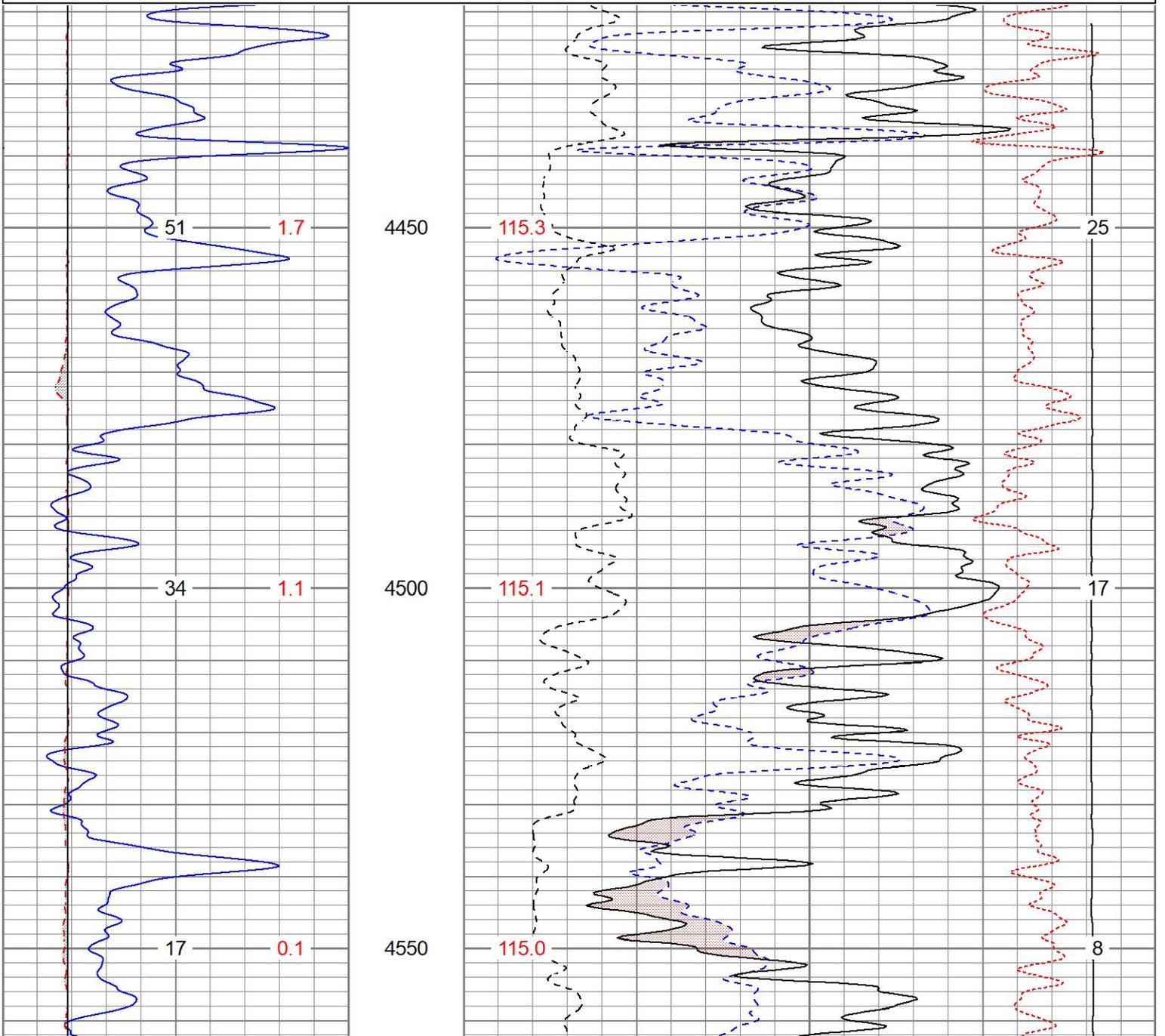


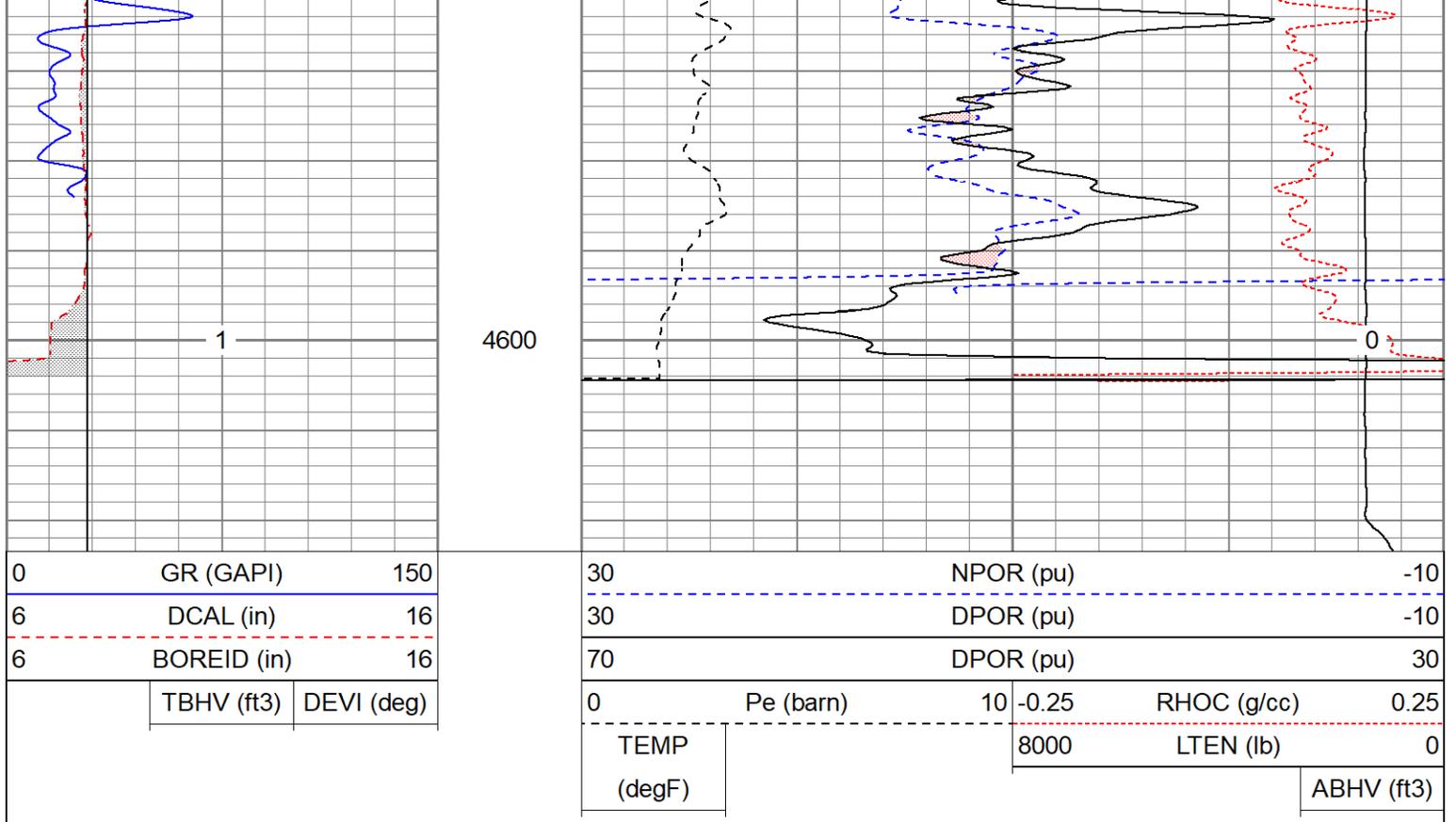


REPEAT SECTION

Database File ppgimmeshelter#1oh.db
 Dataset Pathname pass2
 Presentation Format digital_kcdnl
 Dataset Creation Sun Jun 05 04:53:05 2022
 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)	DEVI (deg)	0	Pe (barn)	10 -0.25
			TEMP (degF)		RHOC (g/cc) 0.25
					LTEN (lb) 0
					ABHV (ft3)





Calibration Report

Database File ppgimmeshelter#1oh.db
 Dataset Pathname pass2
 Dataset Creation Sun Jun 05 04:53:05 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

Loop:	Readings			V	References			Results	
	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

Internal:	Readings			V	References			Results	
	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	170.330	-1.504

After Survey Verification

Internal:	Readings			Targets			Results	
	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	8.00	in		8.61	V	
Large Ring	14.30	in		12.40	V	

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