



**COMPENSATED DENSITY
NEUTRON
LOG**

Company	PATTERSON ENERGY, LLC.	
Well	Roesler C #10	
Field	BLOOMER	
County	RICE	State Kansas
Location:	2270' FSL & 1860' FWL	API # : 15 159 22881
Permanent Datum	SEC 5 TWP 18S RGE 10W	Ground Level
Log Measured From	KB 8' AGL	Elevation
Drilling Measured From	KB	1777'
		Other Services DIL ML
Date	6/19/22	
Run Number	One	
Depth Driller	3270'	
Depth Logger	3272'	
Bottom Logged Interval	3250'	
Top Log Interval	2750'	
Casing Driller	8 5/8" @ 393'	
Casing Logger	393'	
Bit Size	7 7/8"	
Type Fluid in Hole	Chemical	
Density / Viscosity	9.1/50	
pH / Fluid Loss	9.5/8.8	
Source of Sample	Calculated	
Rm @ Meas. Temp	.8@70degf	
Rmf @ Meas. Temp	.6@70degf	
Rmc @ Meas. Temp	.96@70degf	
Source of Rmf / Rmc	Calculated	
Rm @ BHT	.52@106degf	
Time Circulation Stopped	8:30 p.m	
Time Logger on Bottom	1:00 a.m	
Maximum Recorded Temperature	106degf	
Equipment Number	T-127	
Location	Hays, KS	
Recorded By	C.Patterson	
Witnessed By	AUSTIN KLAUS	

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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

CLAFLIN EAST 4 MILES, SOUTH INTO.

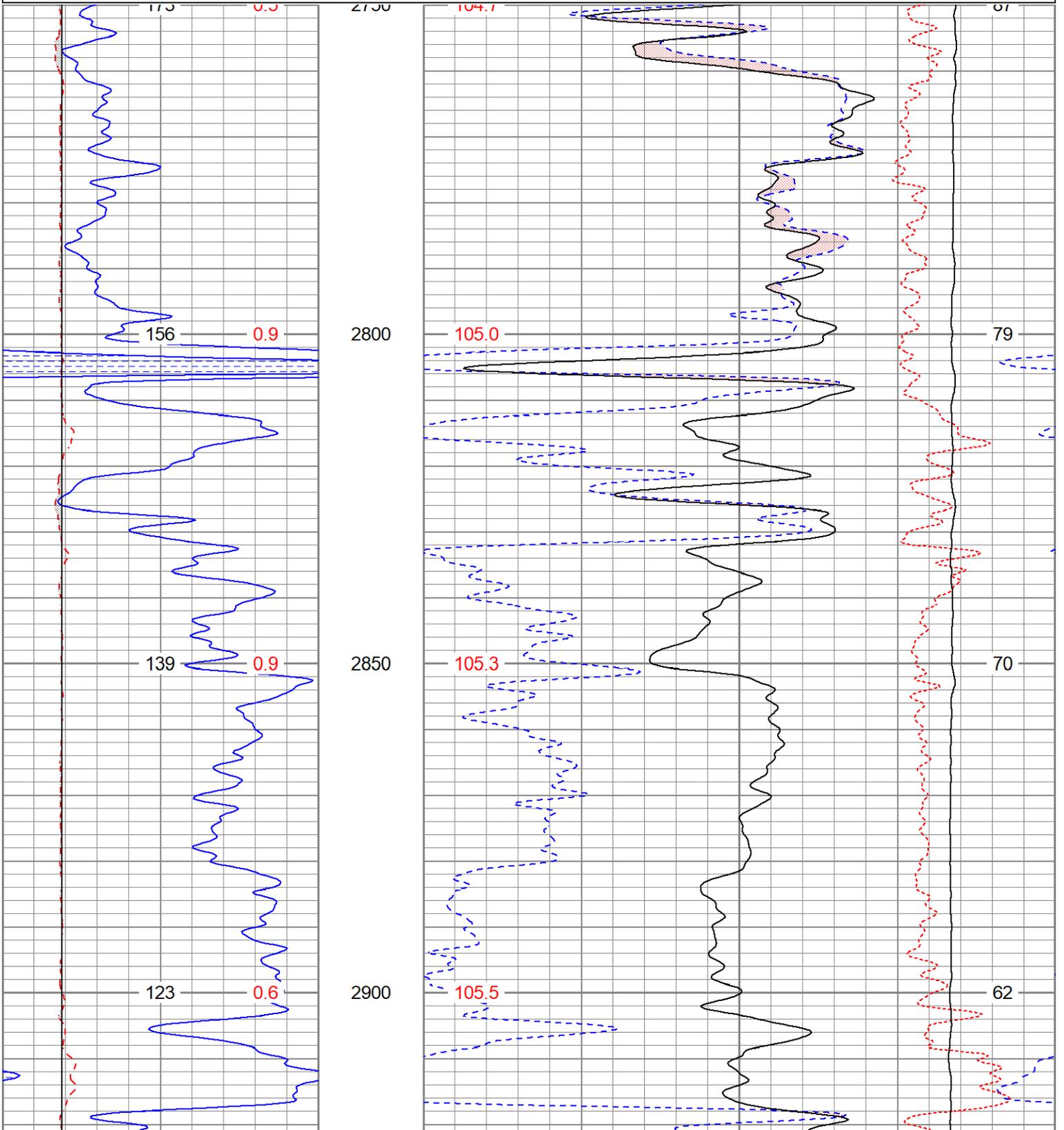
Thanks for using Gemini Wireline LLC
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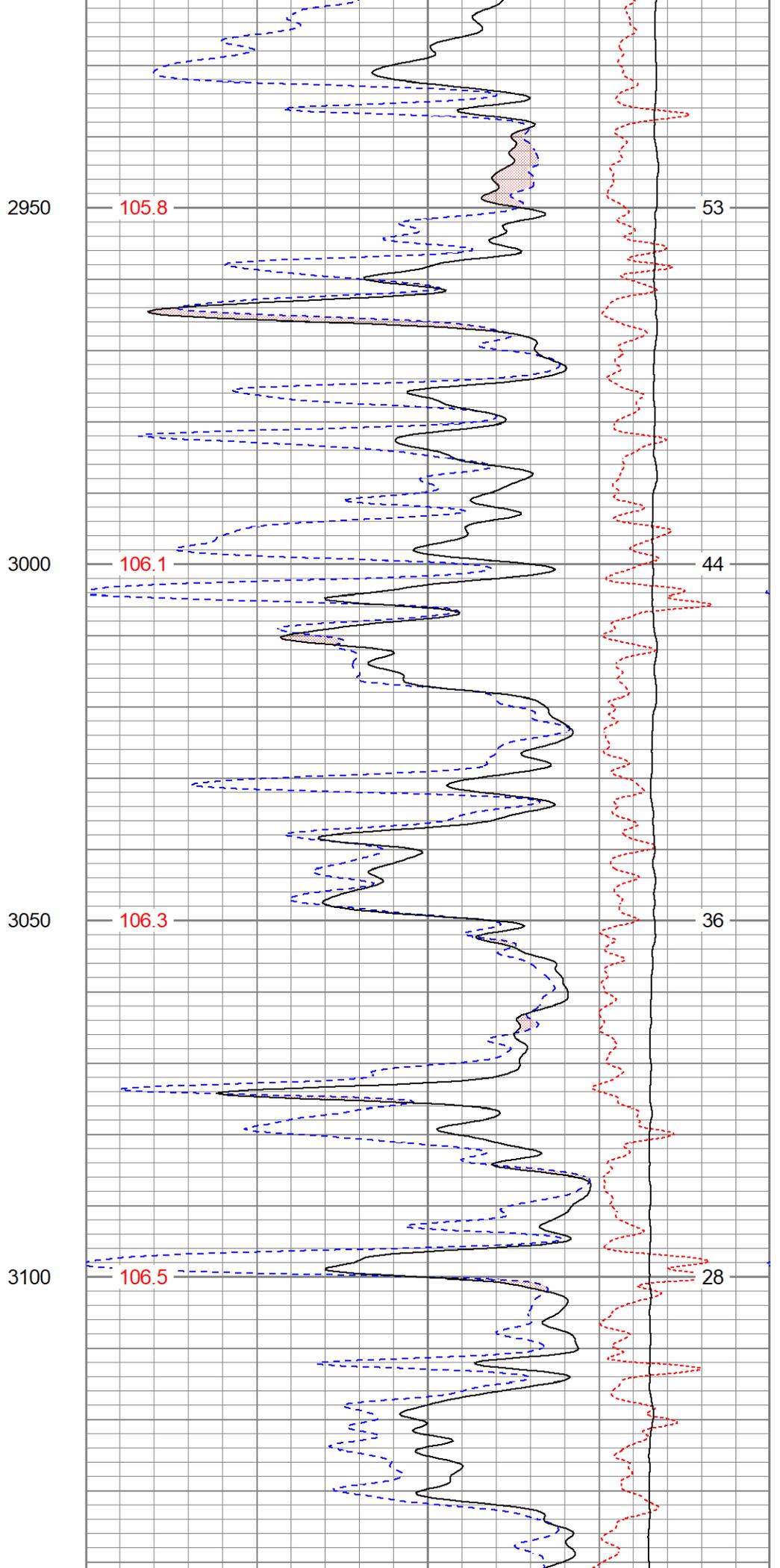
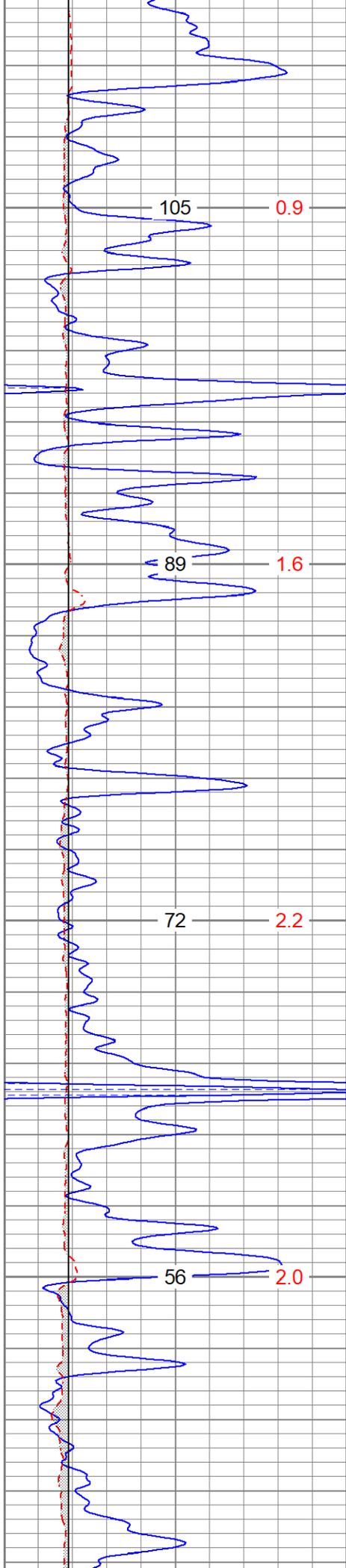


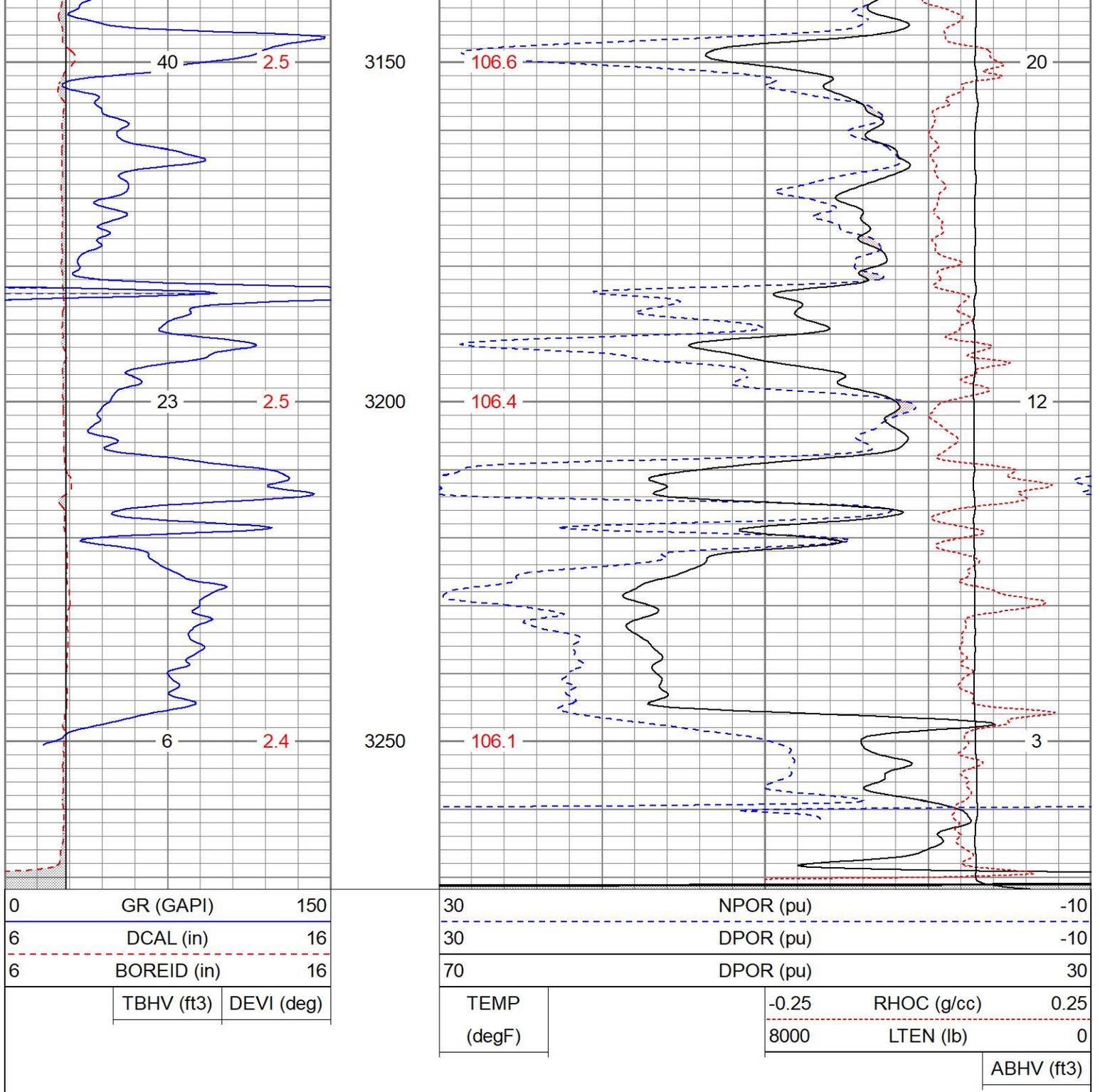
MAIN PASS

Database File peroeslerc10oh.db
 Dataset Pathname pass4.2
 Presentation Format digital_kcdnl
 Dataset Creation Sun Jun 19 01:36:52 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)	TEMP (degF)	-0.25	RHOC (g/cc)	0.25
				8000	LTEN (lb)	0
						ABHV (ft3)







REPEAT SECTION

Database File: peroeslerc10oh.db
 Dataset Pathname: pass3.1
 Presentation Format: digital_kcdnl
 Dataset Creation: Sun Jun 19 01:40:49 2022
 Charted by: Depth in Feet scaled 1:240

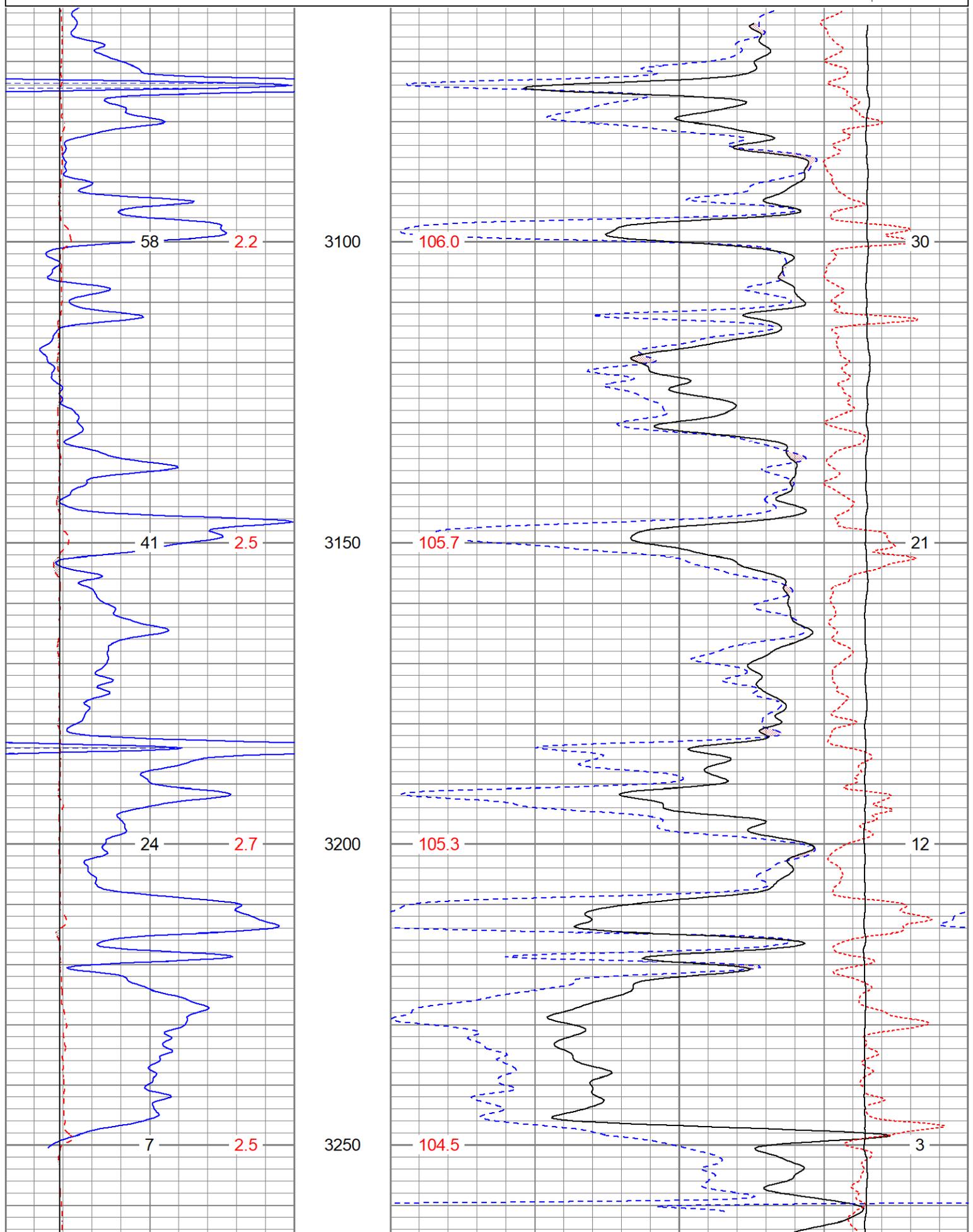
0	GR (GAPI)	150	30	NPOR (pu)	-10
6	DCAL (in)	16	30	DPOR (pu)	-10
6	BOREID (in)	16	70	DPOR (pu)	30

TBHV (ft3) | DEVI (deg)

TEMP
(degF)

-0.25 RHOCC (g/cc) 0.25
8000 LTEN (lb) 0

ABHV (ft3)



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)	TEMP (degF)	-0.25	RHOC (g/cc) 0.25
				8000	LTEN (lb) 0
					ABHV (ft3)

Calibration Report

Database File peroeslerc10oh.db
Dataset Pathname pass4.2
Dataset Creation Sun Jun 19 01:36:52 2022

Neutron Calibration Report

Serial Number: 2017
Tool Model: lithogearhart
Performed: (Not Performed)

Calibrator Value: 1 NAPI
Calibrator Reading: 1 cps
Sensitivity: 1 NAPI/cps

Temperature Calibration Report

Serial Number: WithOutMC
Tool Model: WOMC
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: Thu Oct 25 16:29:34 2018

	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: WithOutMC
Tool Model: WOMC
Performed: Wed Dec 6 22:30:58 2017

Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	19.00		CHD-STD	0.50	1.69	1.00
ACCY	17.83		ADT-WOMC (WithOutMC) Telemetry Without Mud Cell	4.58	3.50	120.00
ACCX	17.83					
SSTAT	17.42					
PSTAT	16.58					
ASTAT	16.58		NEU-lithogearhart (2017)	5.65	3.50	85.00
GRD	15.75					
TEMP	15.75					
NEU	12.38					
				CDL-GEARHART (2501)	9.69	4.00
LSD	2.31					
DCAL	2.02					
SSD	1.77					

Dataset: peroeslerc10oh.db: field/well/run1/pass4.2
 Total length: 20.42 ft
 Total weight: 446.00 lb
 O.D.: 4.00 in