



**DUAL COMPENSATED POROSITY
w/PE
MICRORESISTIVITY**

MIDWEST WIRELINE

Company Berexco, LLC
Well Anderson #2-28
Field Amazon Ditch East
County Finney
State Kansas

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Well Anderson #2-28
Field Amazon Ditch East
County Finney State Kansas

Location: API #: 15-055-22617-00-00

Other Services

SEC 28 TWP 22S RGE 34W
2146 FNL & 868 FEL

DIL/BHCS

Permanent Datum Ground Level Elevation 2946
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

K.B. 2959
D.F.
G.L. 2946

Date 9/12/2024

Run Number One

Type Log CNL/CDL

Depth Driller 4900

Depth Logger 4897

Bottom Logged Interval 4896

Top Logged Interval 3700

Type Fluid In Hole Chemical

Salinity, PPM CL 1030

Density 9.2

Level Full

Max. Rec. Temp. F 125

Operating Rig Time 5 Hours

Equipment -- Location 110 Hays

Recorded By D. Schmidt

Witnessed By Pete Vollmer

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	0	1686	8.625	23	0	1686
Two	7.875	1686	TD				

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and Midwest Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Midwest Wireline Services, LLC will not 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.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

Scott City,
South On Hwy 83 to W Barlow Rd,
West to N Big Low Rd, 1 South, 3 West, 1/4 South,
West into

Log Measured From: Kelly Bushing 13 Ft. Above Permanent Datum

THANK YOU FOR USING MIDWEST WIRELINE LLC
785-625-3858

Your Midwest Wireline Crew

Engineer: D. Schmidt
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: Pete Vollmer
Secondary Witness:
Secondary Witness:
Secondary Witness:

Log Variables

DatabaseC:\ProgramData\Warrior\Data\berexco_anderson 2-28.db
Dataset field/well/stkml/pass3.1/_vars_

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
1	in	degF	in	in	g/cc	2	g/cc
	7.875	125	5.5	0	1		2.71
NPORSEL	PERFS	SNDERR	SNDERRM	SPSHIFT	SRFTEMP	SZCOR	TDEPTH
Limestone	No	mmho/m	mmho/m	mV	degF	Off	ft
		4	-1	155	90		4897



MIDWEST WIRELINE

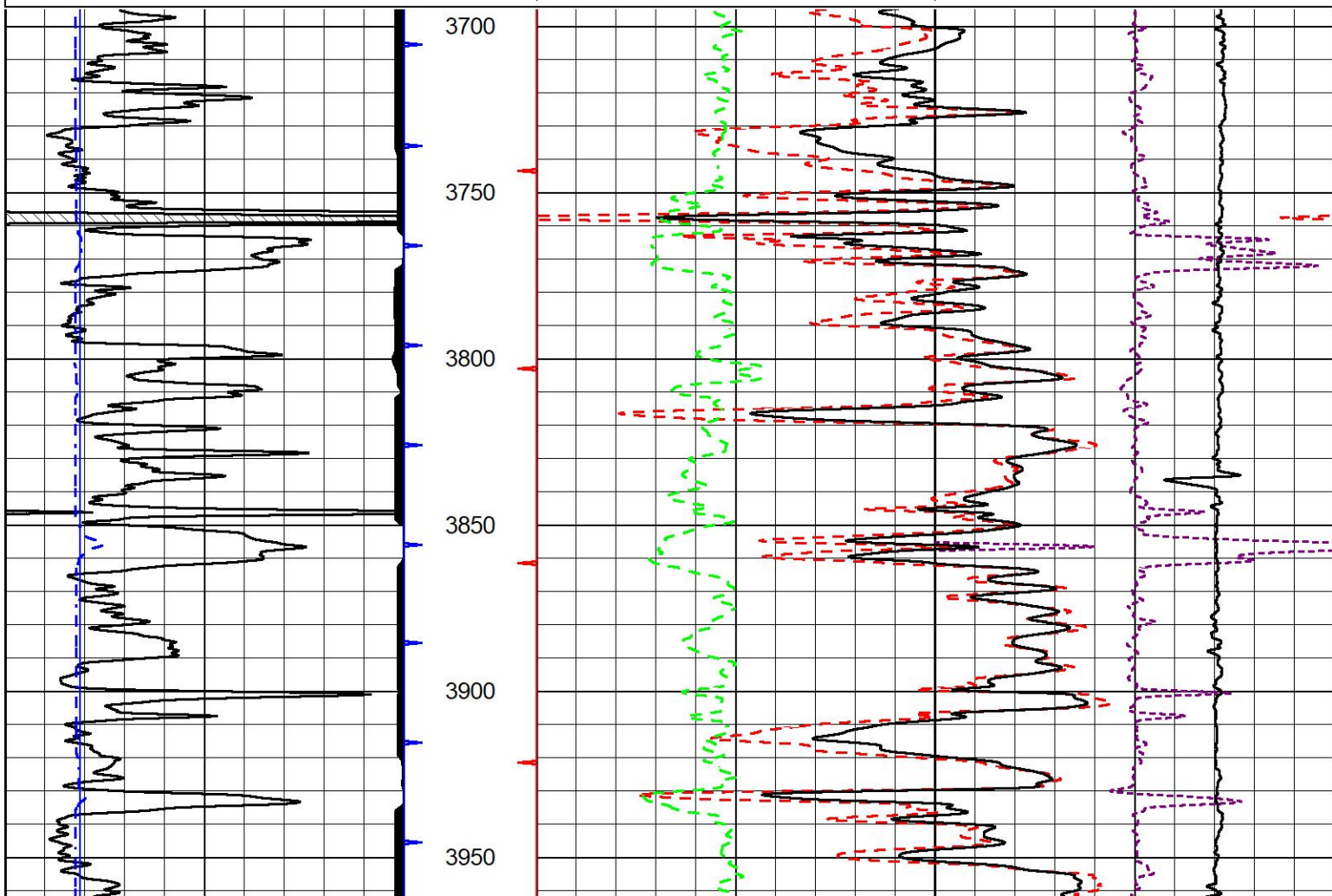
2" SCALE BULK DENSITY

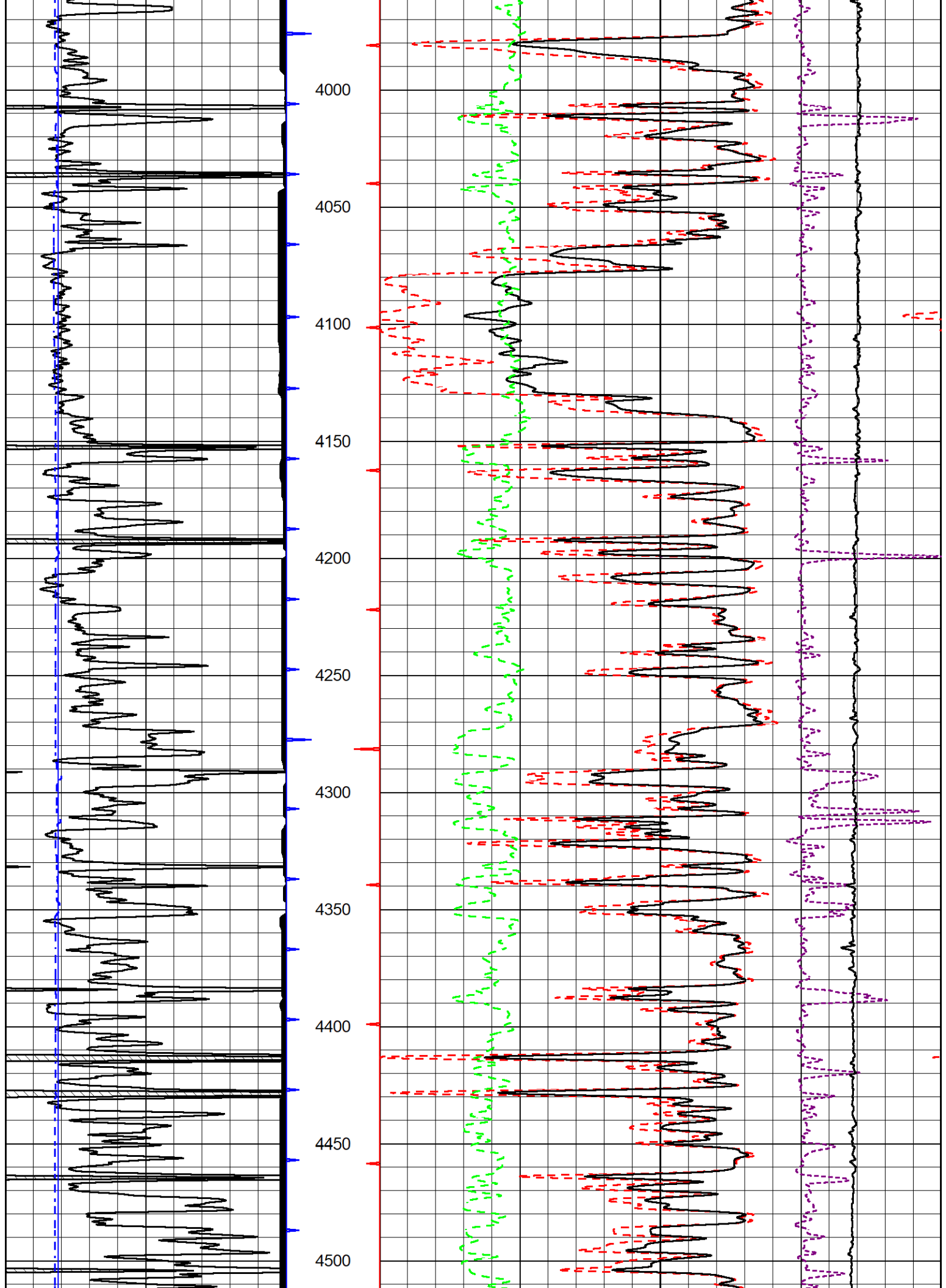
MAIN PASS

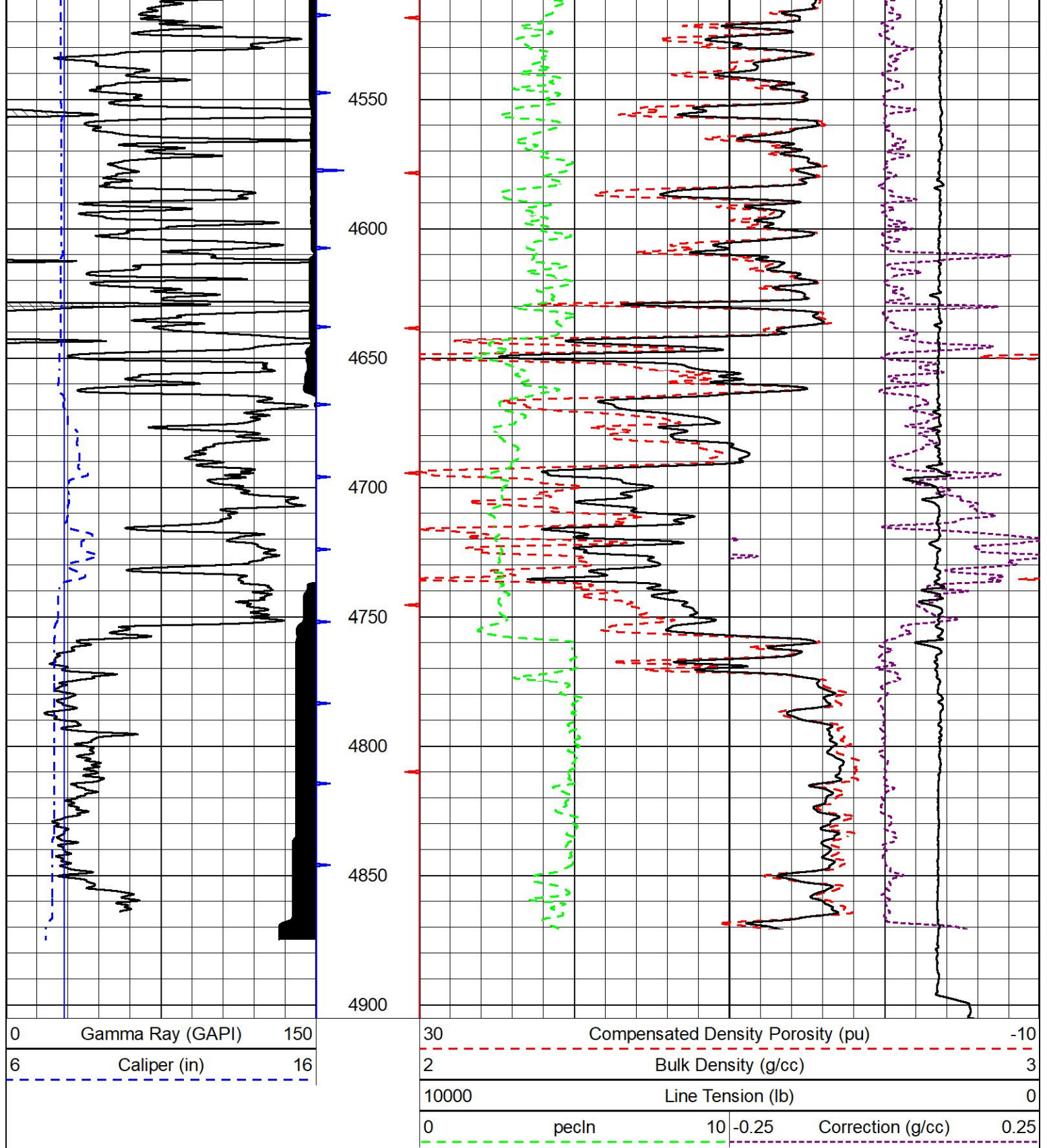
Database File berexco_anderson 2-28.db
Dataset Pathname stkml/pass3.2
Presentation Format _cdlpe
Dataset Creation Thu Sep 12 21:32:02 2024
Charted by Depth in Feet scaled 1:600

0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

30	Compensated Density Porosity (pu)	-10
2	Bulk Density (g/cc)	3
10000	Line Tension (lb)	0
0	pecln	10 -0.25
	Correction (g/cc)	0.25





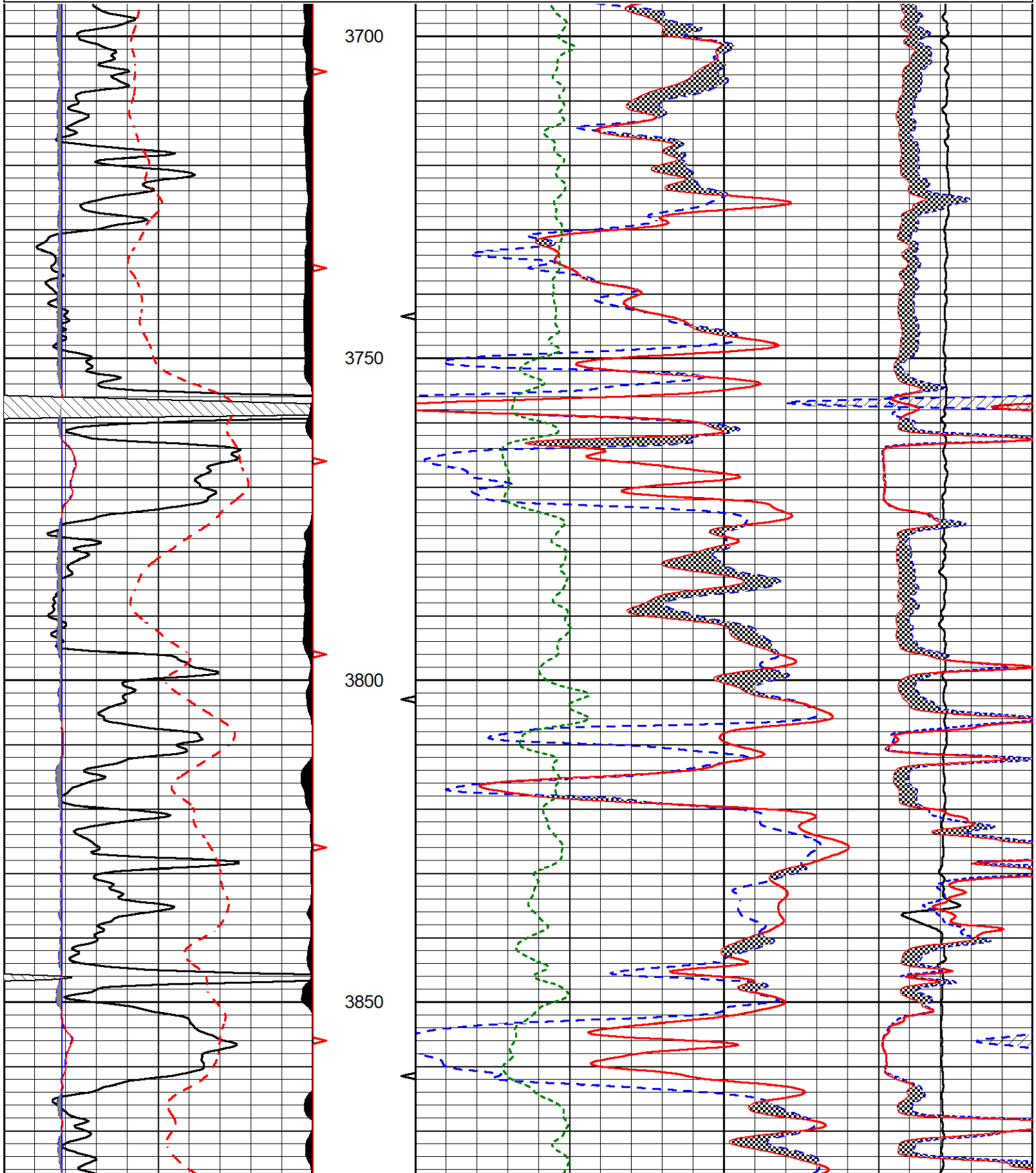


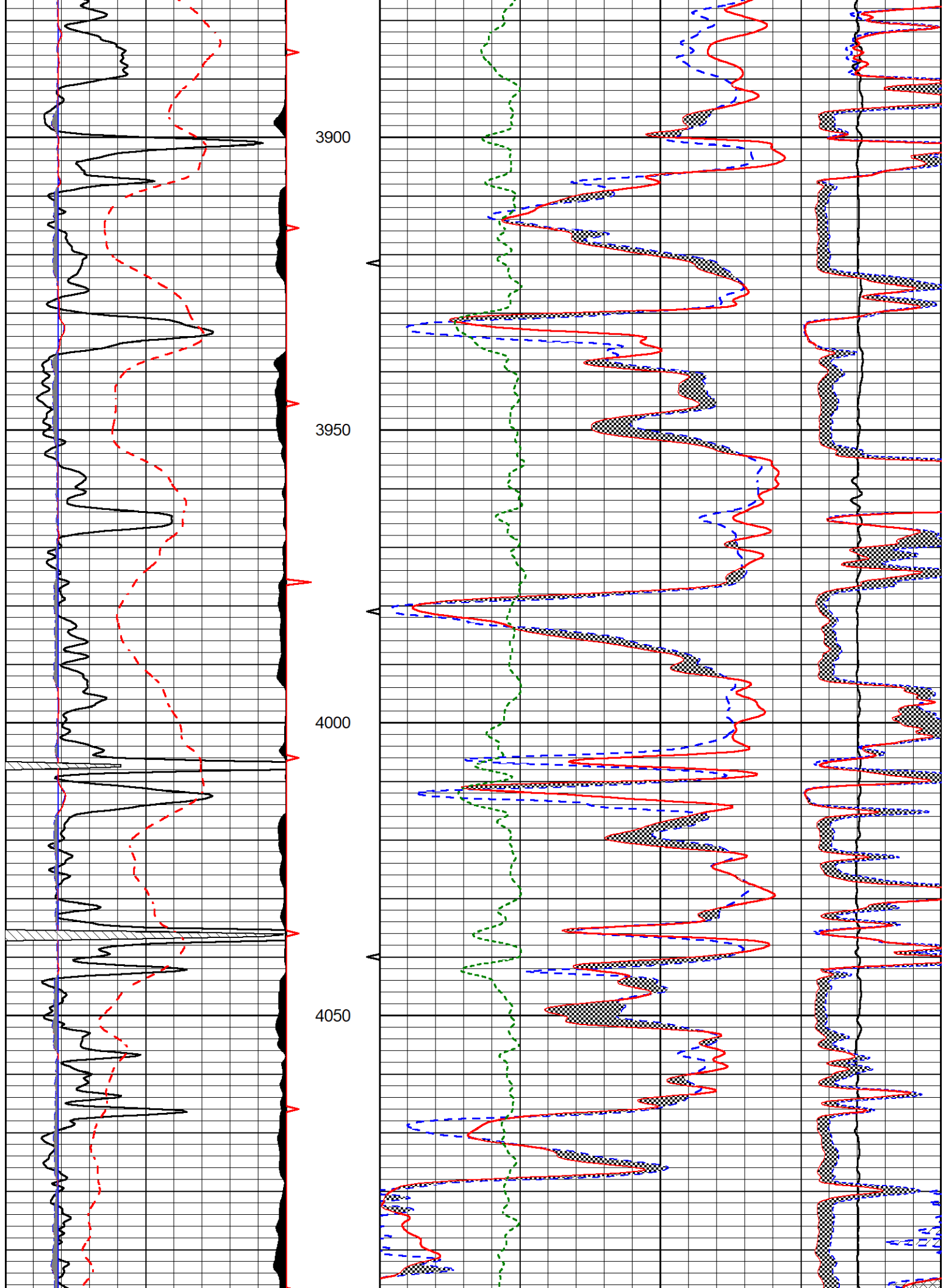
DETAIL SECTION

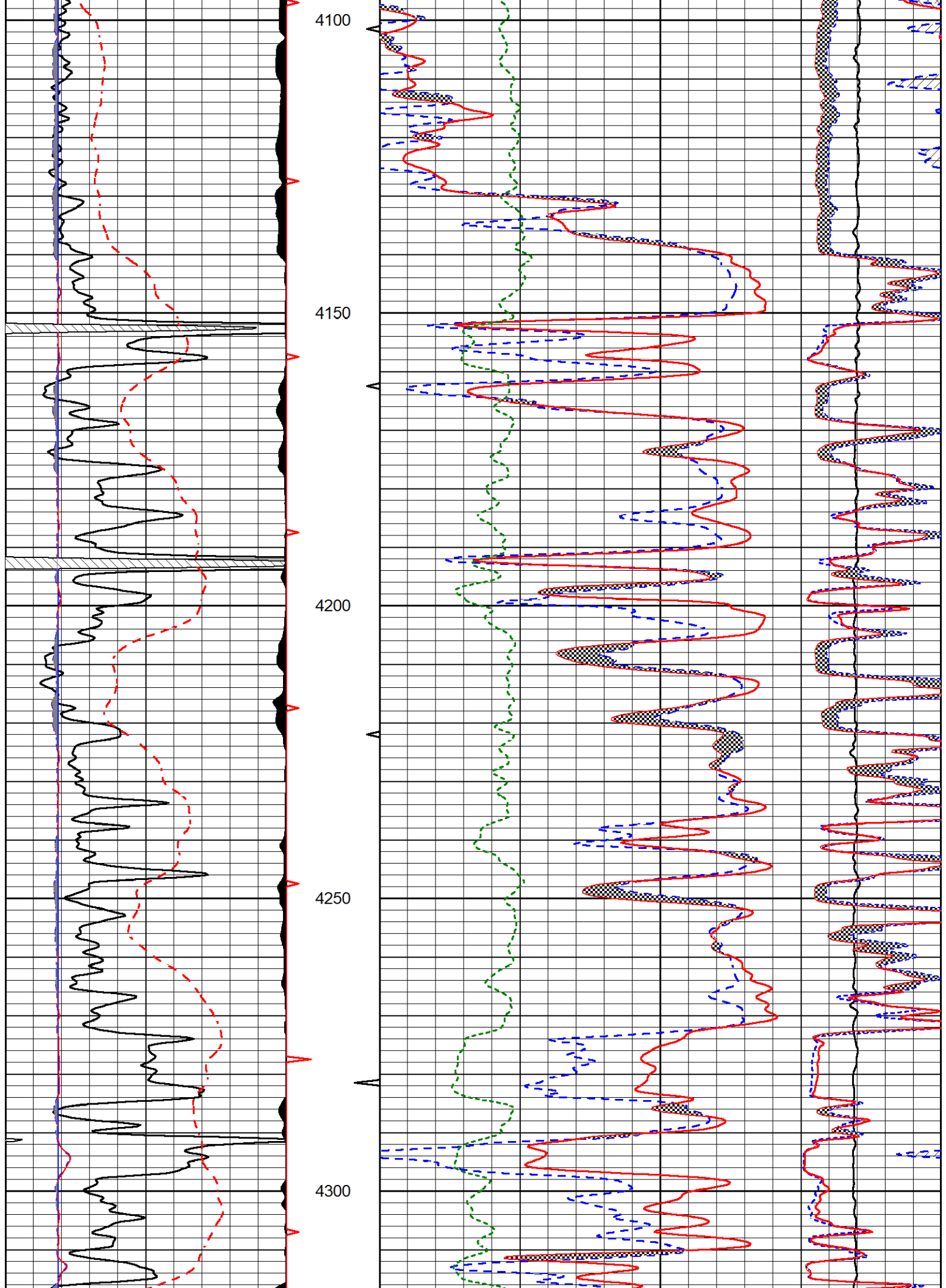
MAIN PASS

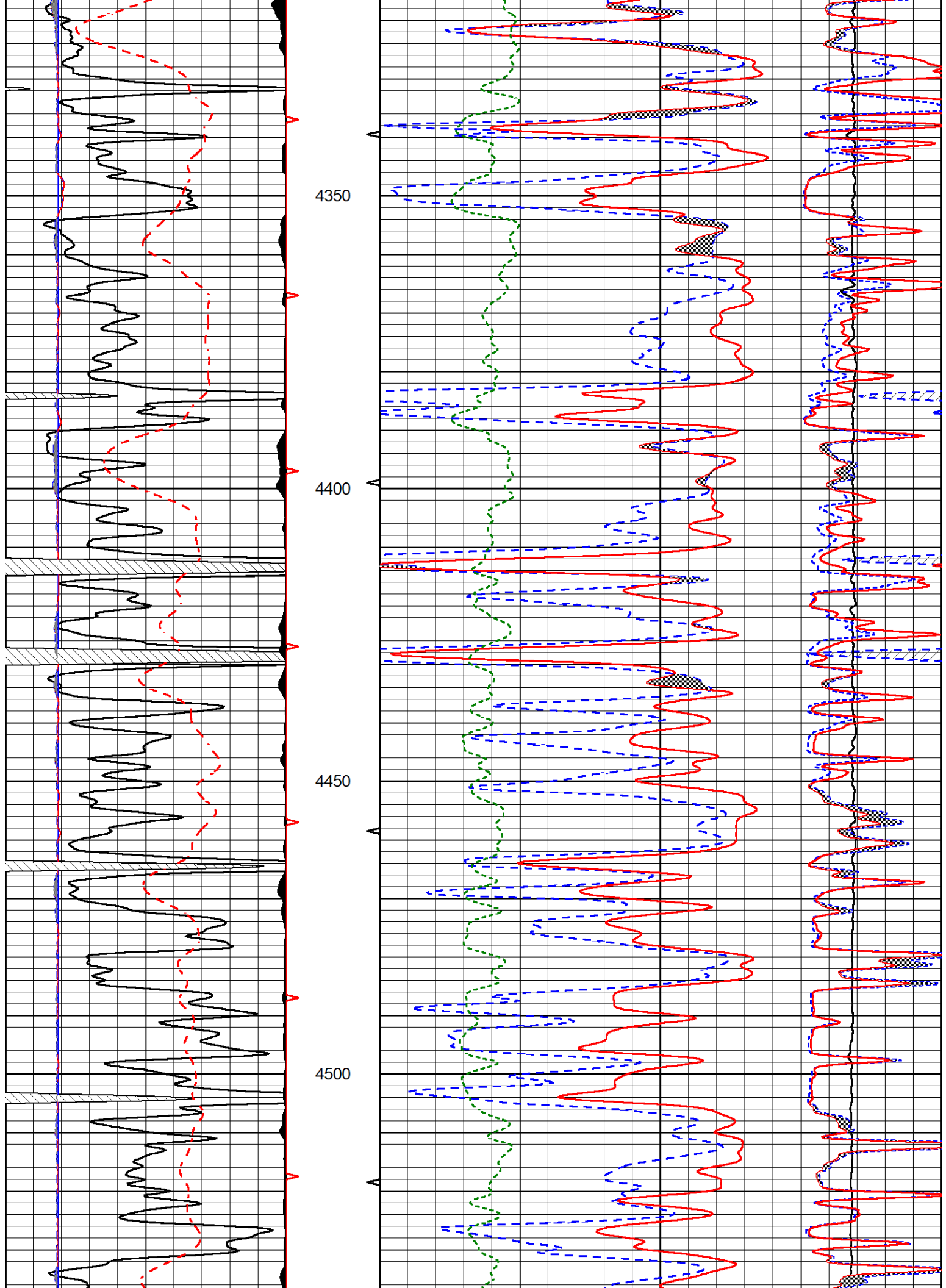
Database File berexco_anderson 2-28.db
Dataset Pathname stkml/pass3.1
Presentation Format _C9B97~1
Dataset Creation Thu Sep 12 21:58:43 2024
Charted by Depth in Feet scaled 1:240

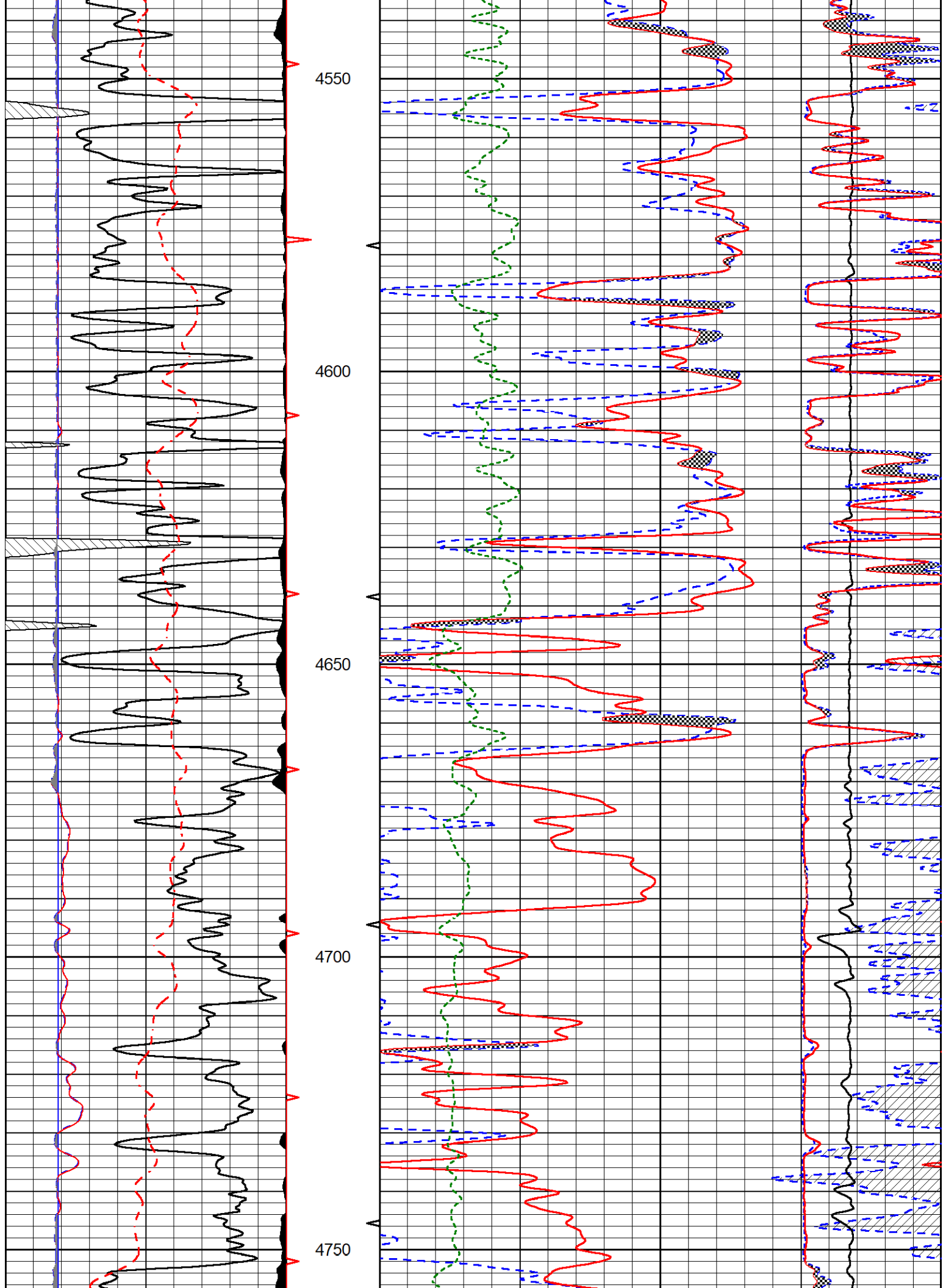
0	Gammy Ray (GAPI)	150	30	Compensated Neutron Porosity (pu)	-10
6	MCAL (in)	16	30	Compensated Density Porosity (pu)	-10
-200	SP (mV)	0	10000	Line Tension (lb)	0
6	MCAL (in)	16	PE		
			Micro Normal		
			0	(Ohm-m)	20
			Micro Inverse		
			0	(Ohm-m)	20

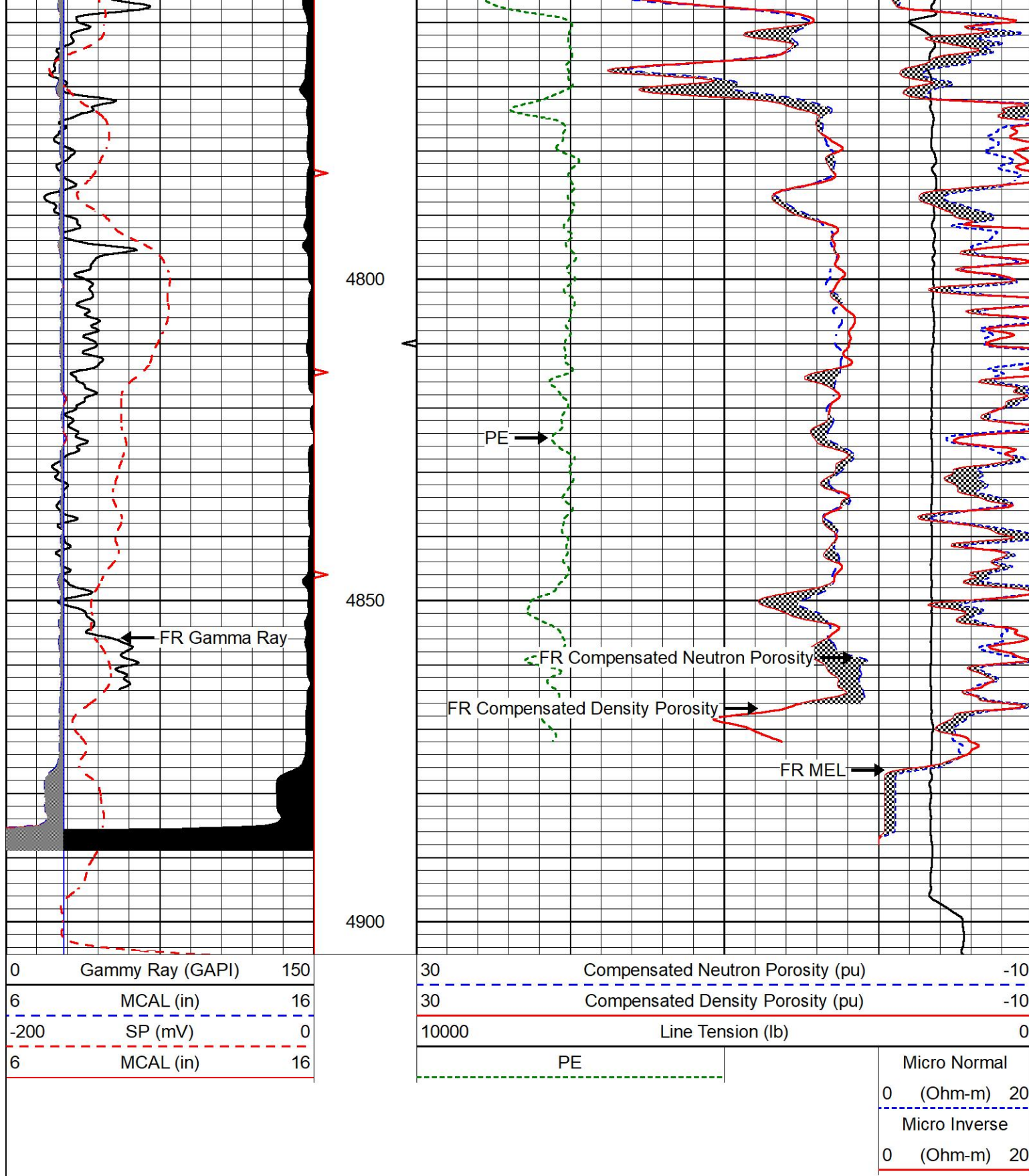










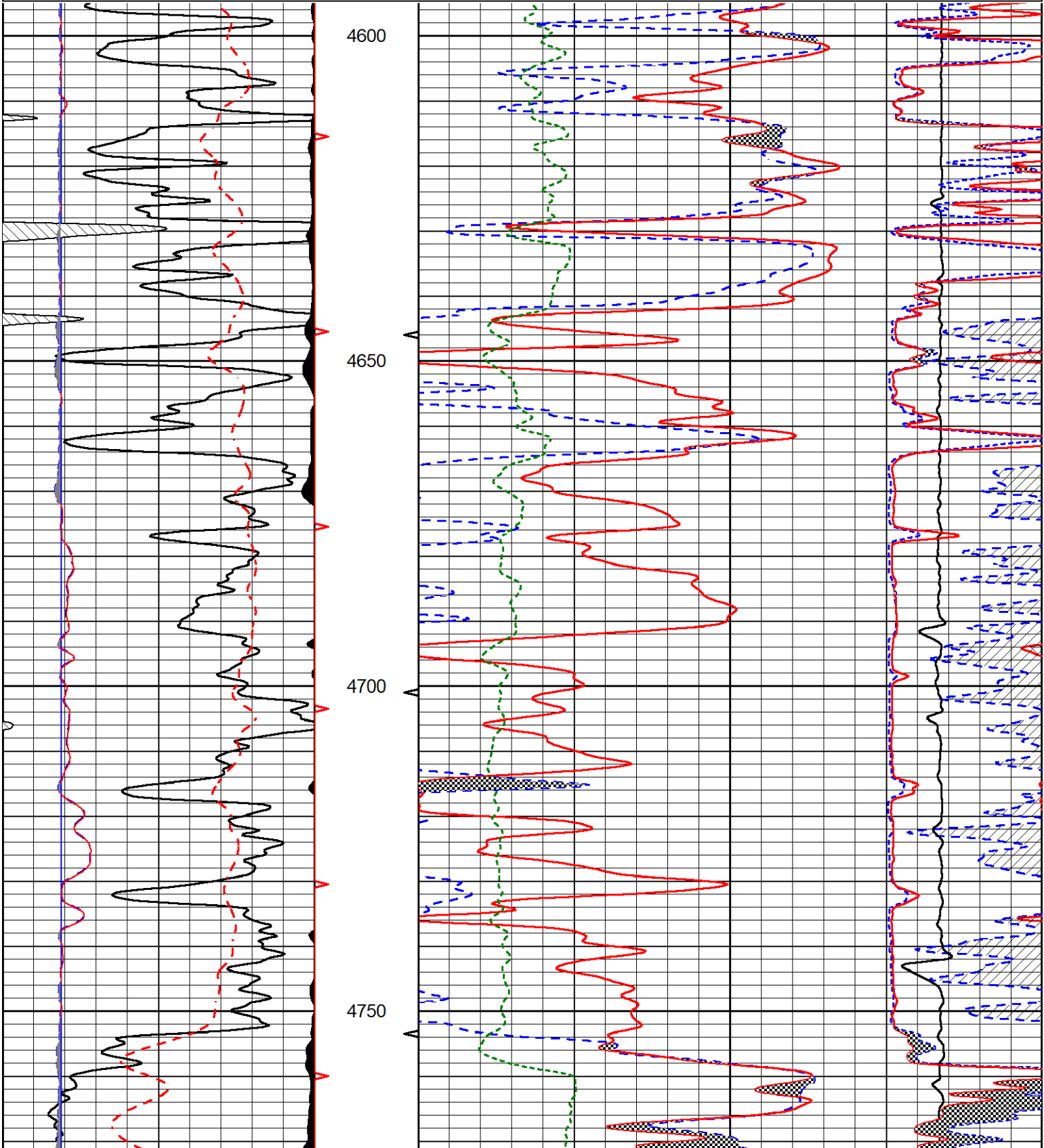


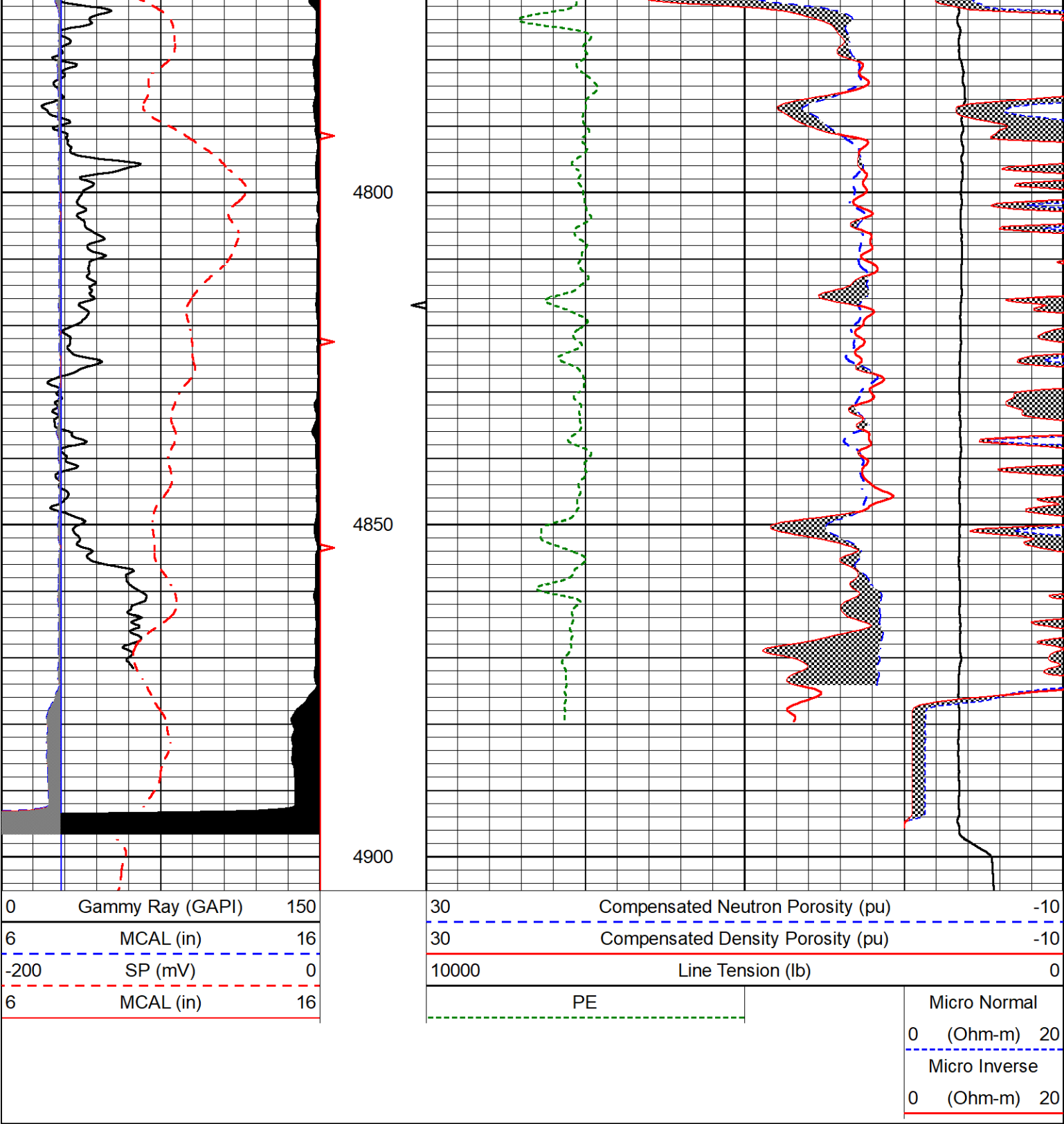
REPEAT SECTION

REPEAT PASS

Database File berexco_anderson 2-28.db
 Dataset Pathname stkml/pass2.1
 Presentation Format _C9B97~1

0	Gammy Ray (GAPI)	150	30	Compensated Neutron Porosity (pu)	-10
6	MCAL (in)	16	30	Compensated Density Porosity (pu)	-10
-200	SP (mV)	0	10000	Line Tension (lb)	0
6	MCAL (in)	16	PE		
			Micro Normal		
			0 (Ohm-m) 20		
			Micro Inverse		
			0 (Ohm-m) 20		





Calibration Report					
Database File		berexco_anderson 2-28.db			
Dataset Pathname		stkml/pass3.1			
Dataset Creation		Thu Sep 12 21:58:43 2024			
Dual Induction Calibration Report					
Serial-Model:		508A-M&W			
Surface Cal Performed:		Thu Aug 29 21:13:42 2024			
Readings		References		Results	
Loop:	Air	Loop	Air	m	h

Loop:	Am	Loop	Am	Loop	Am	Loop	Am	Loop
Deep	84.200	428.150	0.000	255.800	mmho/m	0.485	-50.000	
Medium	141.000	670.654	0.000	255.800	mmho/m	0.410	-43.500	
Microlog Calibration Report								
Serial-Model: Performed:			402-PSI STKBL ML Thu May 30 05:58:00 2024					
Readings			References			Results		
	Zero	Cal		Zero	Cal		m	b
Normal	0.0037	0.0043		0.0000	10.0000	Ohm-m	6500.0000	-0.2000
Inverse	0.1208	0.0013		0.0000	10.0000	Ohm-m	6500.0000	0.0000
Caliper	1.0046	1.1419		5.5000	20.0000	in	50.0000	-44.5500
LITHODENSITY Calibration Report								
Serial Number:		703-03						
Tool Model:		STEP LITHO Short						
Performed:		Fri May 31 13:59:15 2024						
Source:								
	Win1	Win2	Win3	Win4	Win5	Win6	Win7	Win8
Background:								
SS:	56	59	223	276	25	75	46	1 cps
LS:	83	90	344	441	51	132	90	3 cps
Aluminum:								
SS:	1063	1260	2893	2631	48	80	48	3 cps
LS:	1179	2084	3854	1823	62	133	86	5 cps
Magnesium:								
SS:	1756	2035	4740	3894	55	79	49	4 cps
LS:	4981	8390	15059	6054	115	127	85	14 cps
Aluminum+Iron:								
SS:	676	887	2426	2310	45	79	52	2 cps
LS:	700	1495	3280	1630	60	131	90	5 cps
		Density			PE			
		Actual	Calibrated		Actual	Calibrated	Quality	
Background:								
SS:							0.236	
LS:							0.189	
Aluminum:								
SS:		2.6000	2.6000	g/cc			0.249	
LS:		2.6000	2.6000	g/cc			0.216	
Magnesium:								
SS:		1.6800	1.6800	g/cc	2.5700	2.5700	0.232	
LS:		1.6800	1.6800	g/cc	2.5700	2.5700	0.198	
Aluminum+Iron:								
SS:						6.1800	0.208	
LS:						6.1800	0.188	
Caliper: Reference: Reading:								
Small Ring:		6.0 in		1.0				
Large Ring:		14.0 in		1.0				
Gain:		12.765						
Offset:		2.050						
Compensated Neutron Calibration Report								
Serial Number:			210					

Tool Model:

M&W

CALIBRATION

Detector

Readings

Target

Normalization

Short Space

6240.00 cps

1000.00 cps

1.6025

Long Space

460.00 cps

1000.00 cps

1.9500

Gamma Ray Calibration Report

Serial Number:

105

Tool Model:

M&W

Performed:

Sat Oct 21 23:48:19 2023

Calibrator Value:

500.0

GAPI

Background Reading:

24.0

cps

Calibrator Reading:

637.0

cps

Sensitivity:

0.6000

GAPI/cps



MIDWEST WIRELINE

Company

Berexco, LLC

Well

Anderson #2-28

Field

Amazon Ditch East

County

Finney

State

Kansas