

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	40.23		GR-M&W (105)	3.00	3.50	50.00
CNLSC	37.13		CNT-M&W (210)	5.00	3.50	100.00
CNSSC	36.38					
			MWLith-STEP LITHO Short (703-03)	8.40	5.00	250.00
LCAL	28.21		ML-PSI STKBL ML (402)	7.58	4.00	65.00
LLW8N	28.21					
LLW7N	28.21					
LLW6N	28.21					
LLW5N	28.21					
LLW4N	28.21					
LLW3N	28.21					
LLW2N	28.21					
LLW1N	28.21					
LSLOCK	27.96					
LLLOCK	27.96					
PELTMPR	27.96					
LSHVNG	27.96					
LLHVNG	27.96					
LSW8N	27.71					
LSW7N	27.71					
LSW6N	27.71					
LSW5N	27.71					
LSW4N	27.71					
LSW3N	27.71					
LSW2N	27.71					
LSW1N	27.71					
MCAL	19.58		DIL-M&W (506)	18.25	3.50	220.00
MI	19.58					
MN	19.58					
RLL3F	15.50					
RLL3	15.50					
CILD	8.33					
CILM	4.50					
SP	0.20					
Dataset: berexco_robb 4.db: field/well/stkml/pass3.1 Total length: 42.23 ft Total weight: 685.00 lb O.D.: 5.00 in						

Log Variables

DatabaseC:\ProgramData\Warrior\Data\berexco_robb 4.db
Dataset field/well/stkml/pass3.1/_vars_

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
1	in 7.875	degF 119	in 5.5	in 0	g/cc 1	2	g/cc 2.71
NPORSEL	PERFS	SNDERR	SNDERRM	SPSHIFT	SRFTEMP	SZCOR	TDEPTH
Limestone	No	mmho/m 1.5	mmho/m -6	mV 140	degF 75	Off	ft 4332

Variable Description

A : Cement Factor (a)
BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
FLUIDDEN : Fluid Density
M : Cement Exp (m)
MATRXDEN : Matrix Density

NPORSEL : Neutron Porosity Curve Select
PERFS : Perforation Flag
SNDERR : Deep Sonde Error Correction
SNDERRM : Medium Sonde Error Correction
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
SZCOR : CN Size Cor. ?
TDEPTH : Total Depth

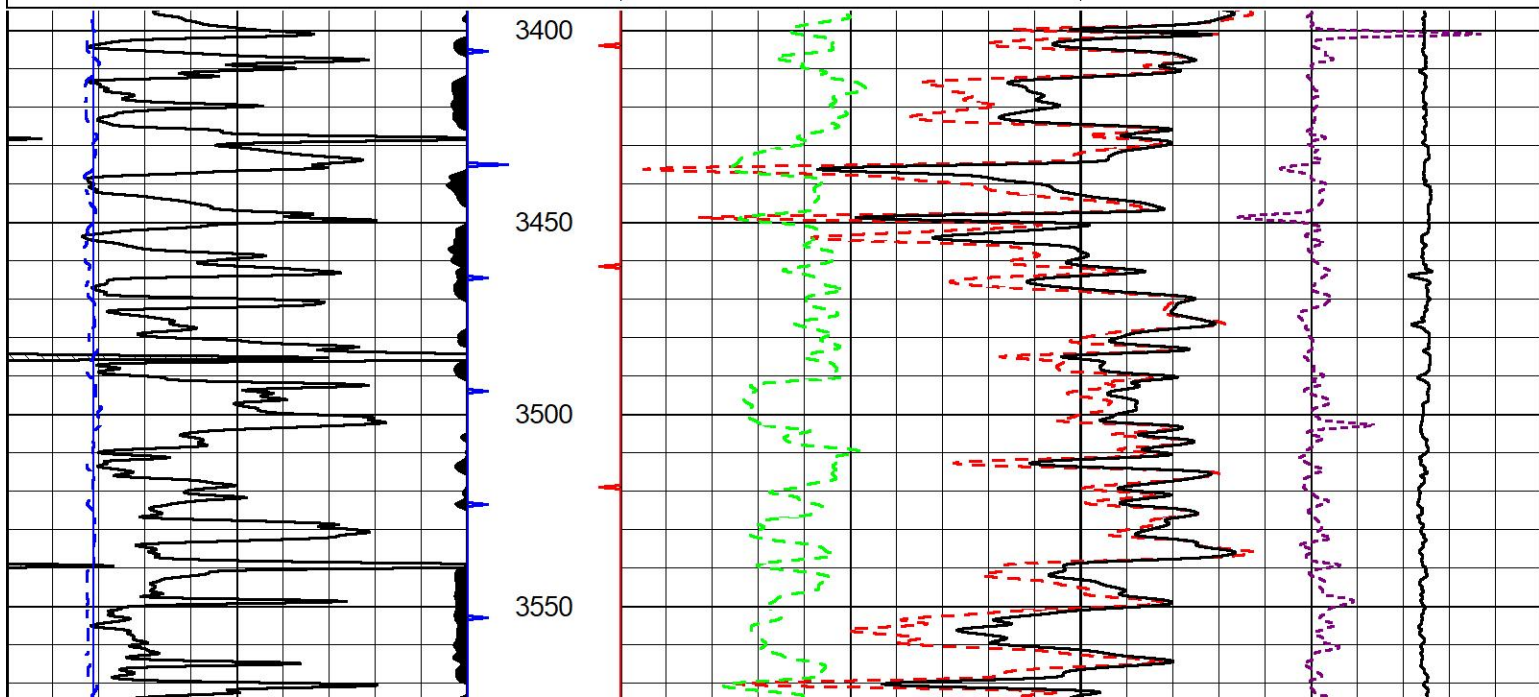


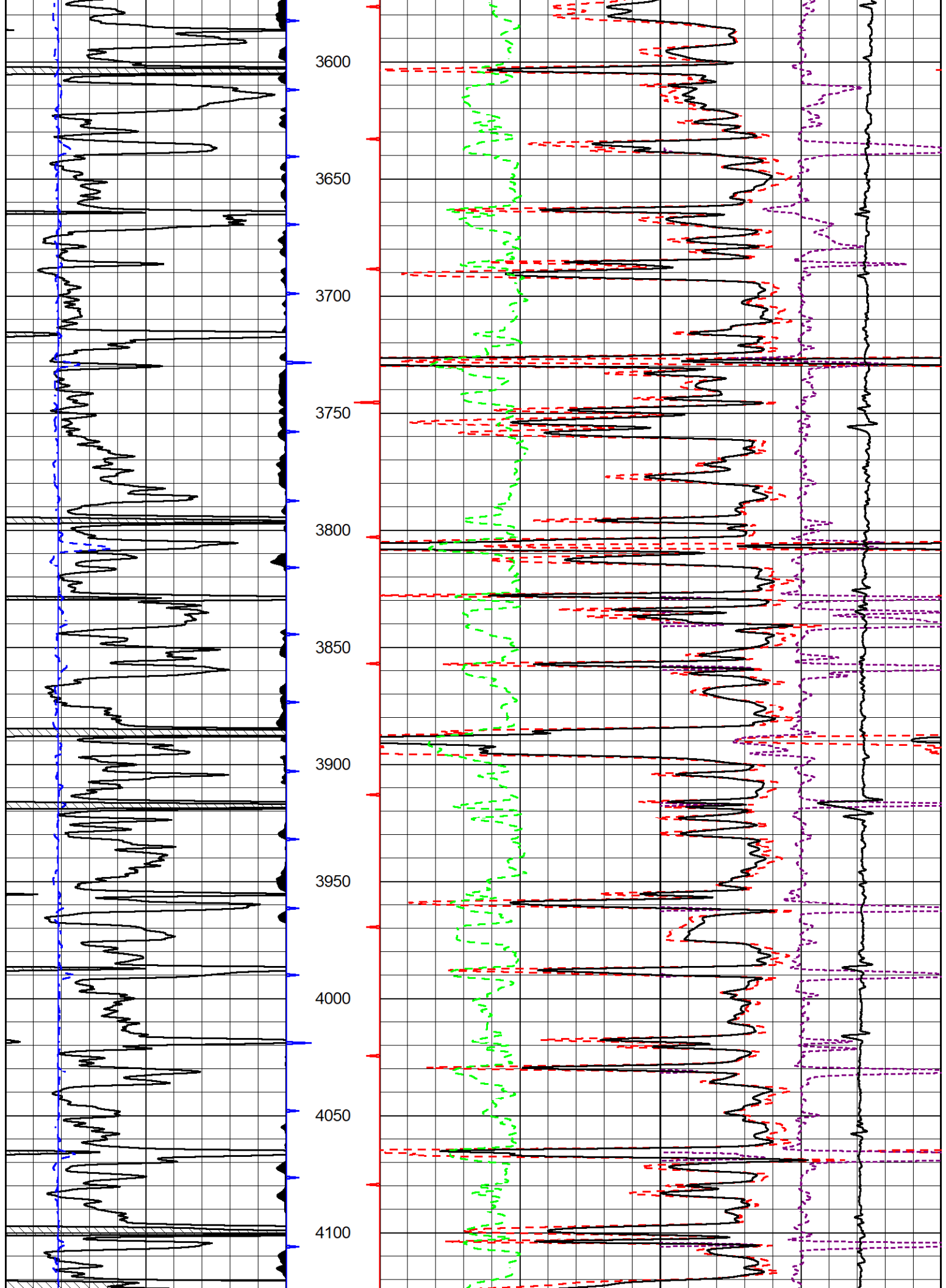
2" SCALE BULK DENSITY

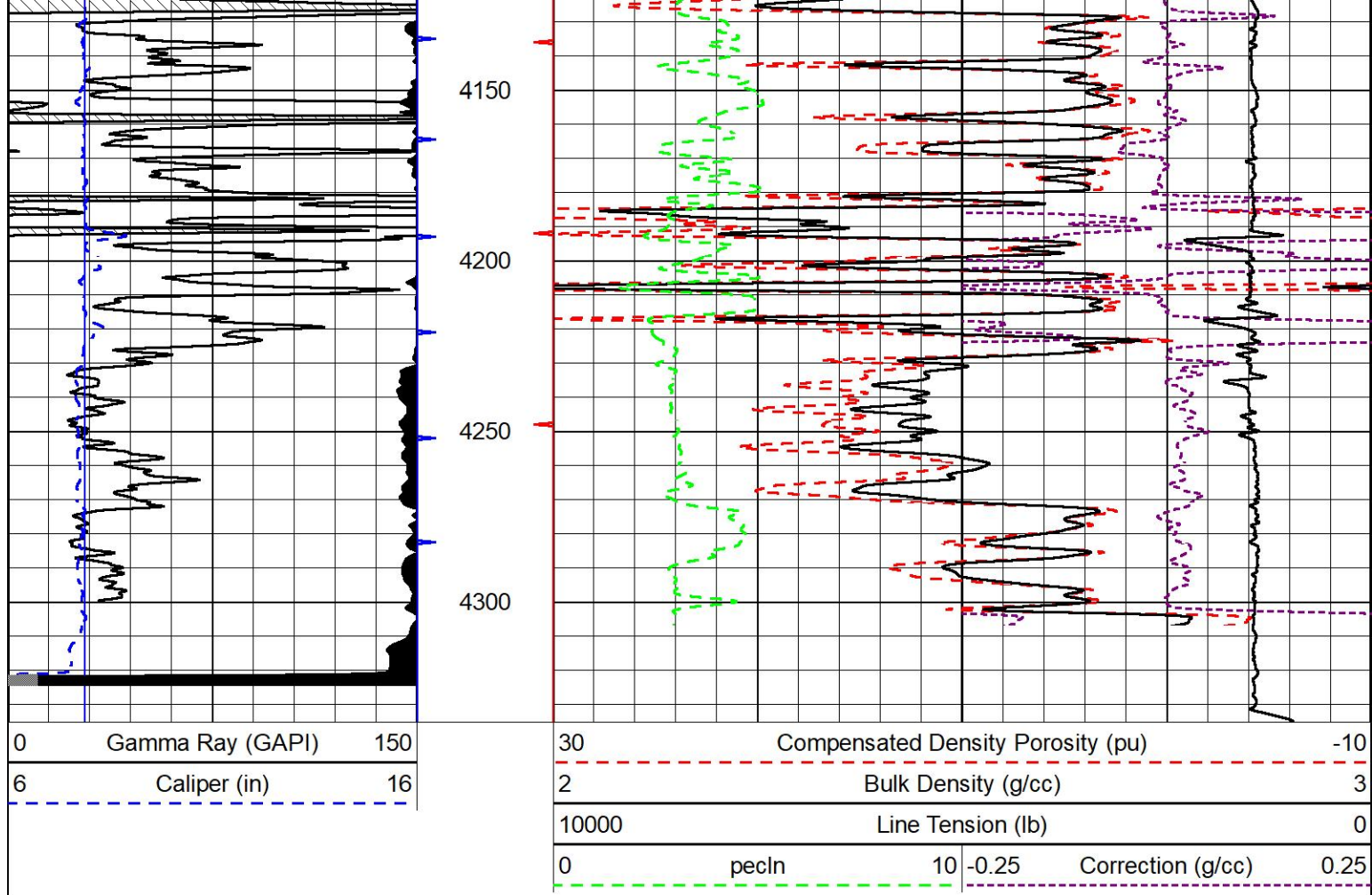
MAIN PASS

Database File berexco_robb 4.db
Dataset Pathname stkml/pass3.2
Presentation Format _cdlpe
Dataset Creation Sun Jun 30 22:46:44 2024
Charted by Depth in Feet scaled 1:600

0	Gamma Ray (GAPI)	150	30	Compensated Density Porosity (pu)	-10
6	Caliper (in)	16	2	Bulk Density (g/cc)	3
			10000	Line Tension (lb)	0
			0	pecln	10 -0.25
				Correction (g/cc)	0.25





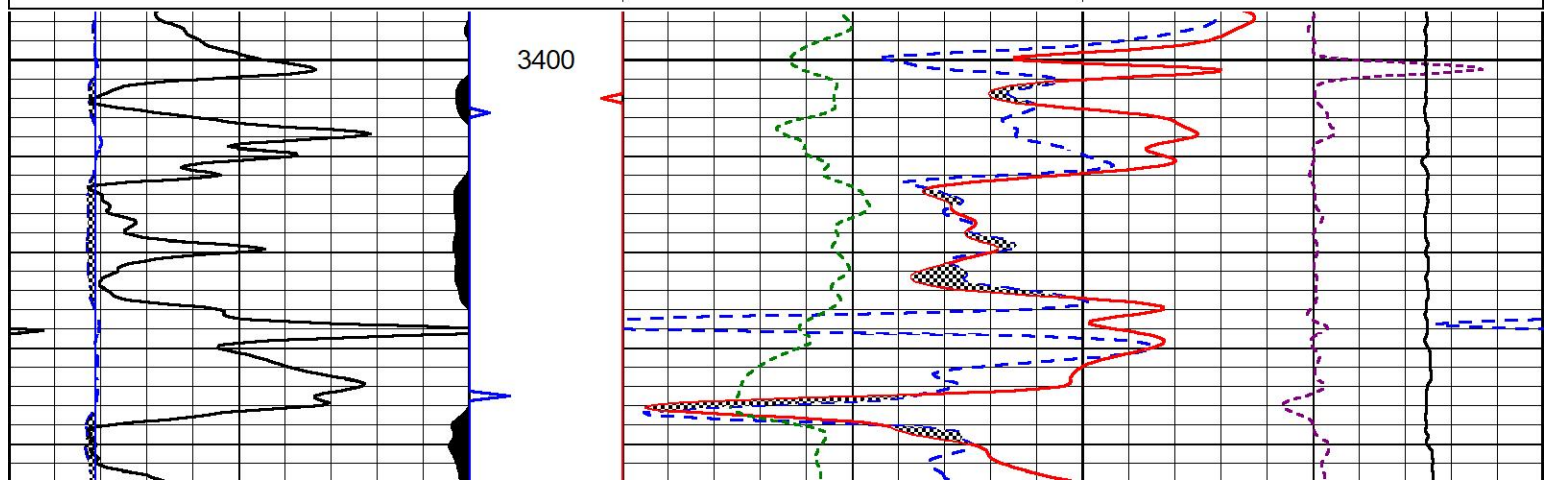
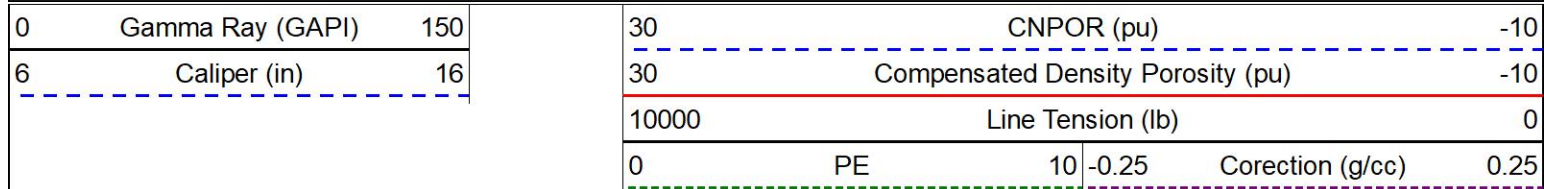


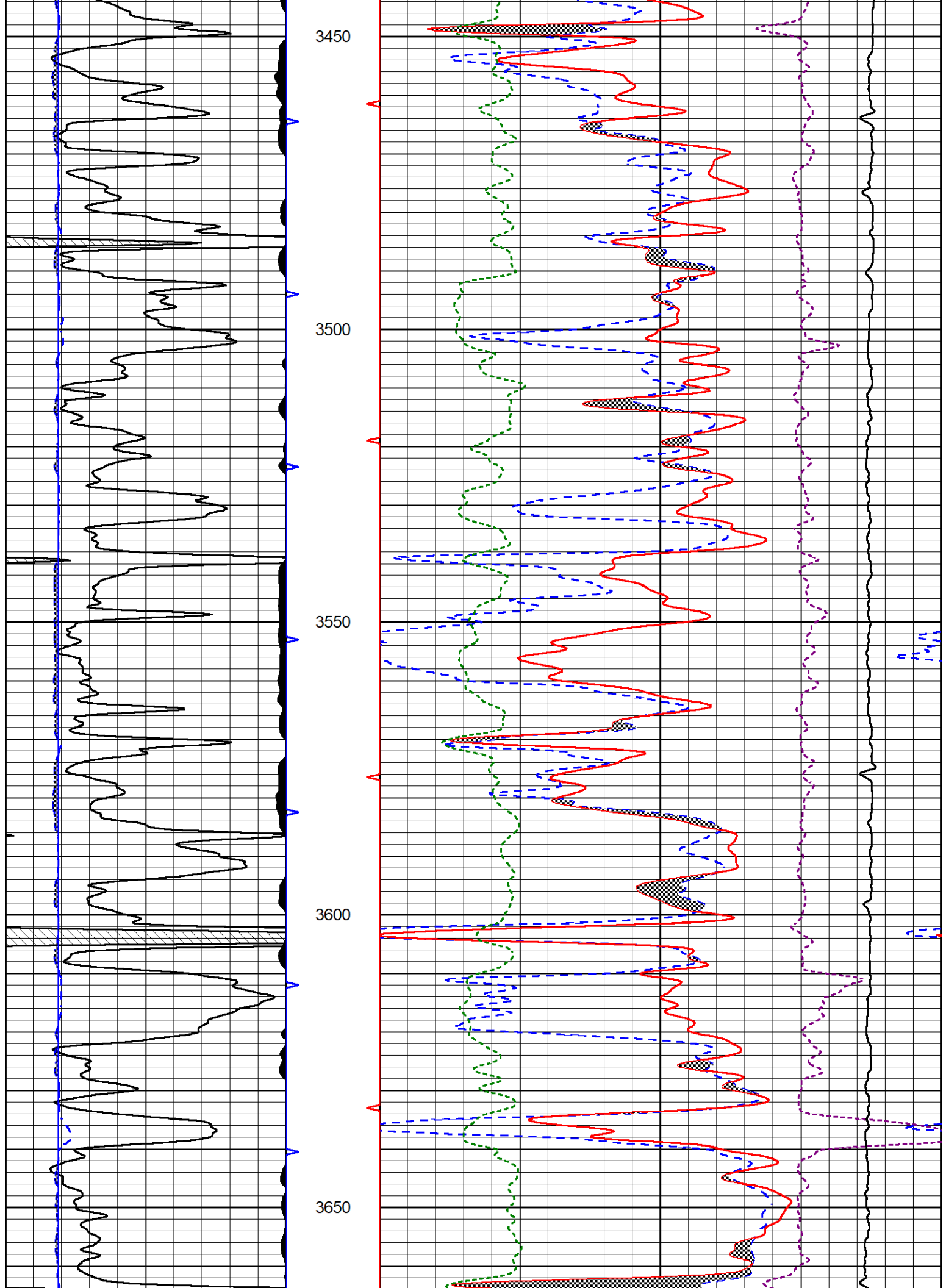
MIDWEST WIRELINE

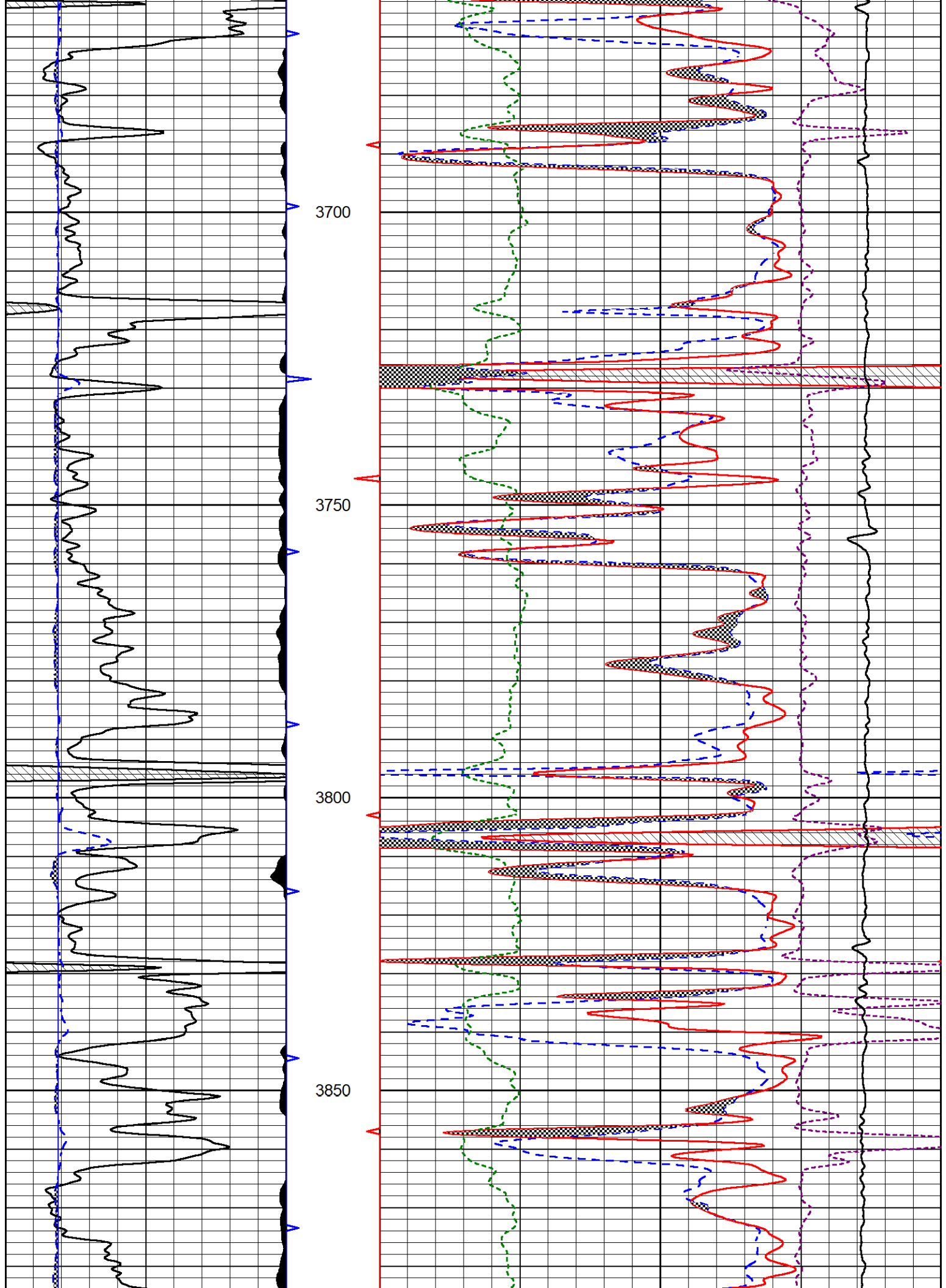
DETAIL SECTION

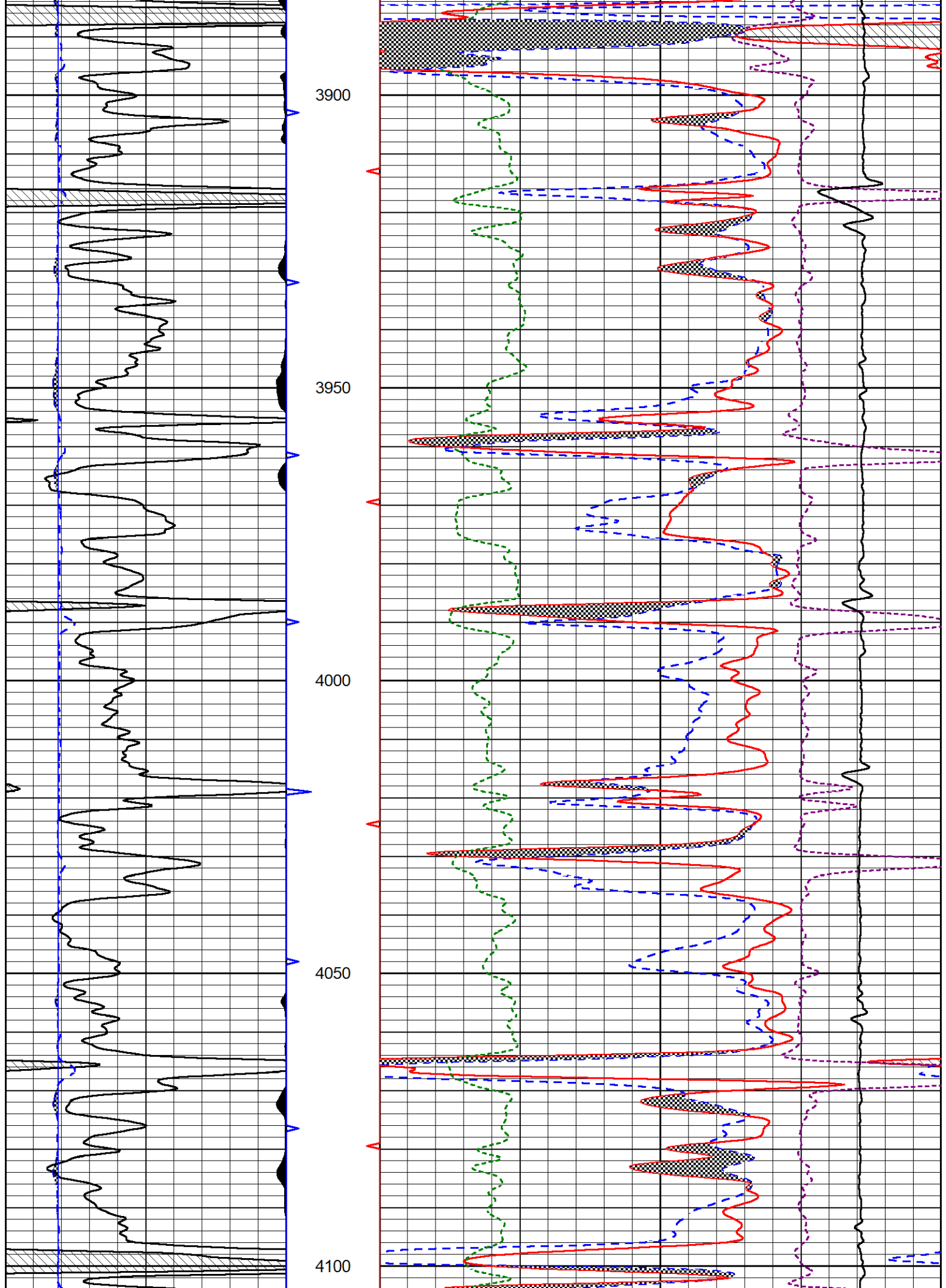
MAIN PASS

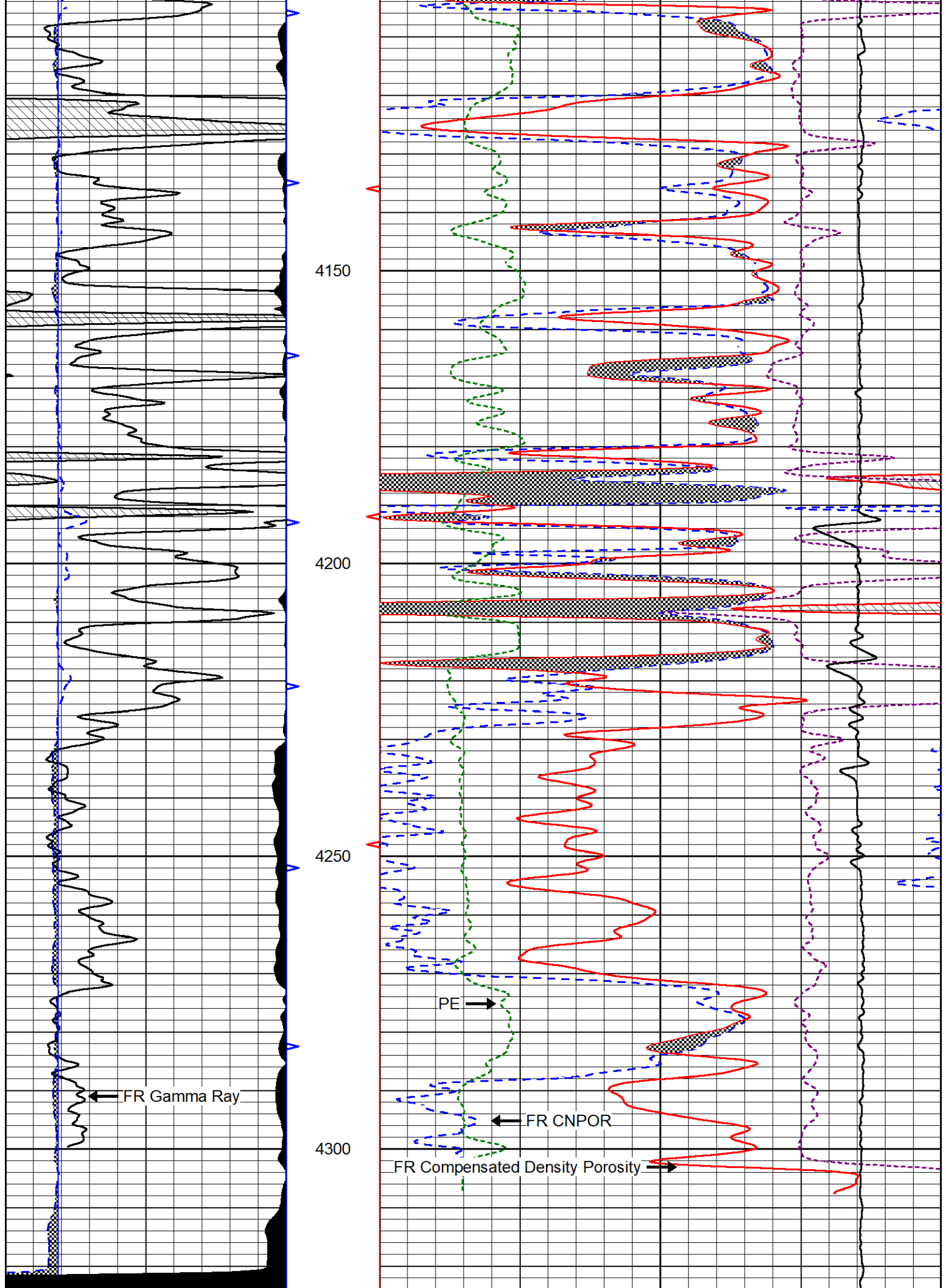
Database File berexco_robb 4.db
Dataset Pathname stkml/pass3.1
Presentation Format _CNDLS~2
Dataset Creation Sun Jun 30 22:11:50 2024
Charted by Depth in Feet scaled 1:240











0	Gamma Ray (GAPI)	150	30	CNPOR (pu)	-10
6	Caliper (in)	16	30	Compensated Density Porosity (pu)	-10
			10000	Line Tension (lb)	0
0	PE	10	-0.25	Corection (g/cc)	0.25



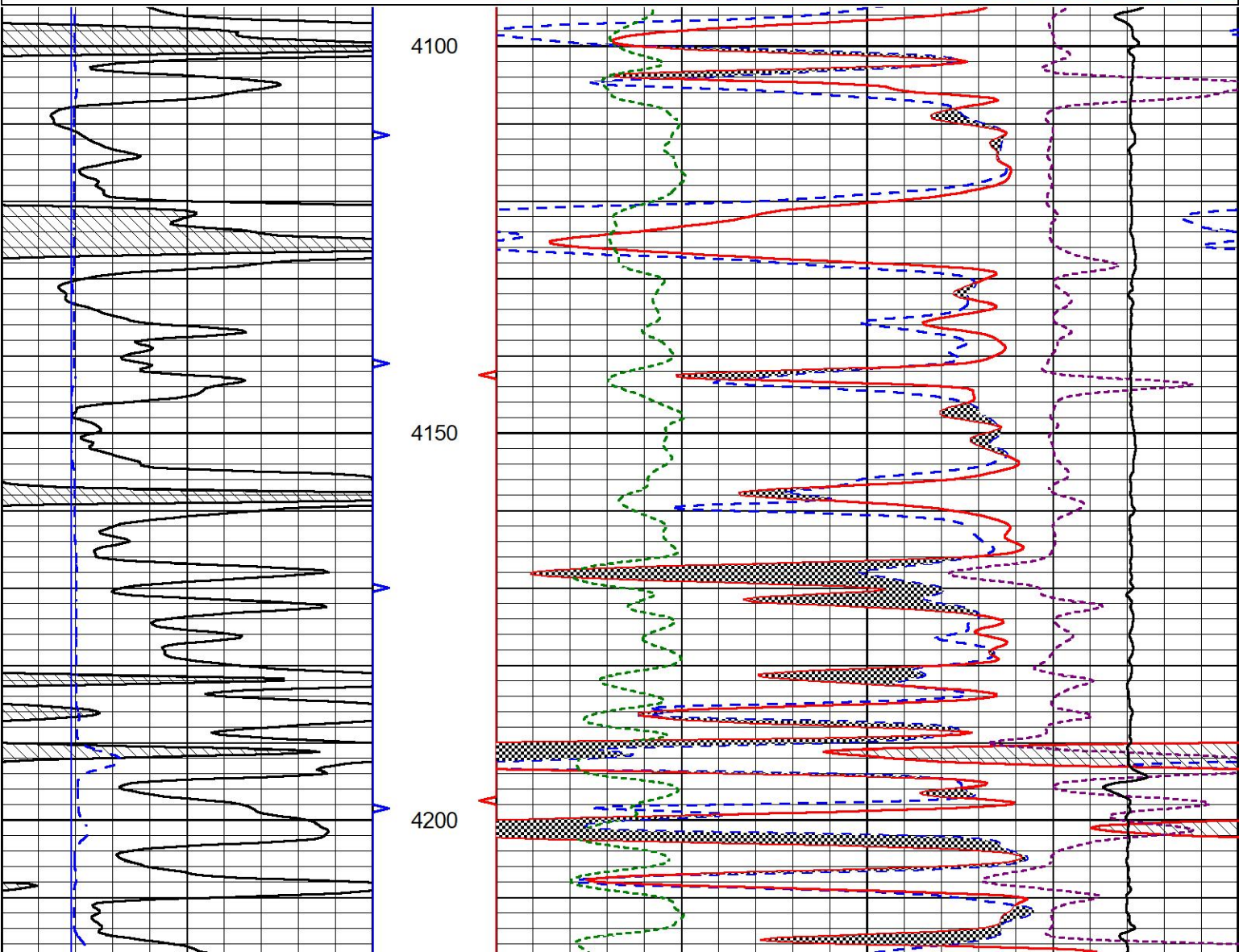
REPEAT SECTION

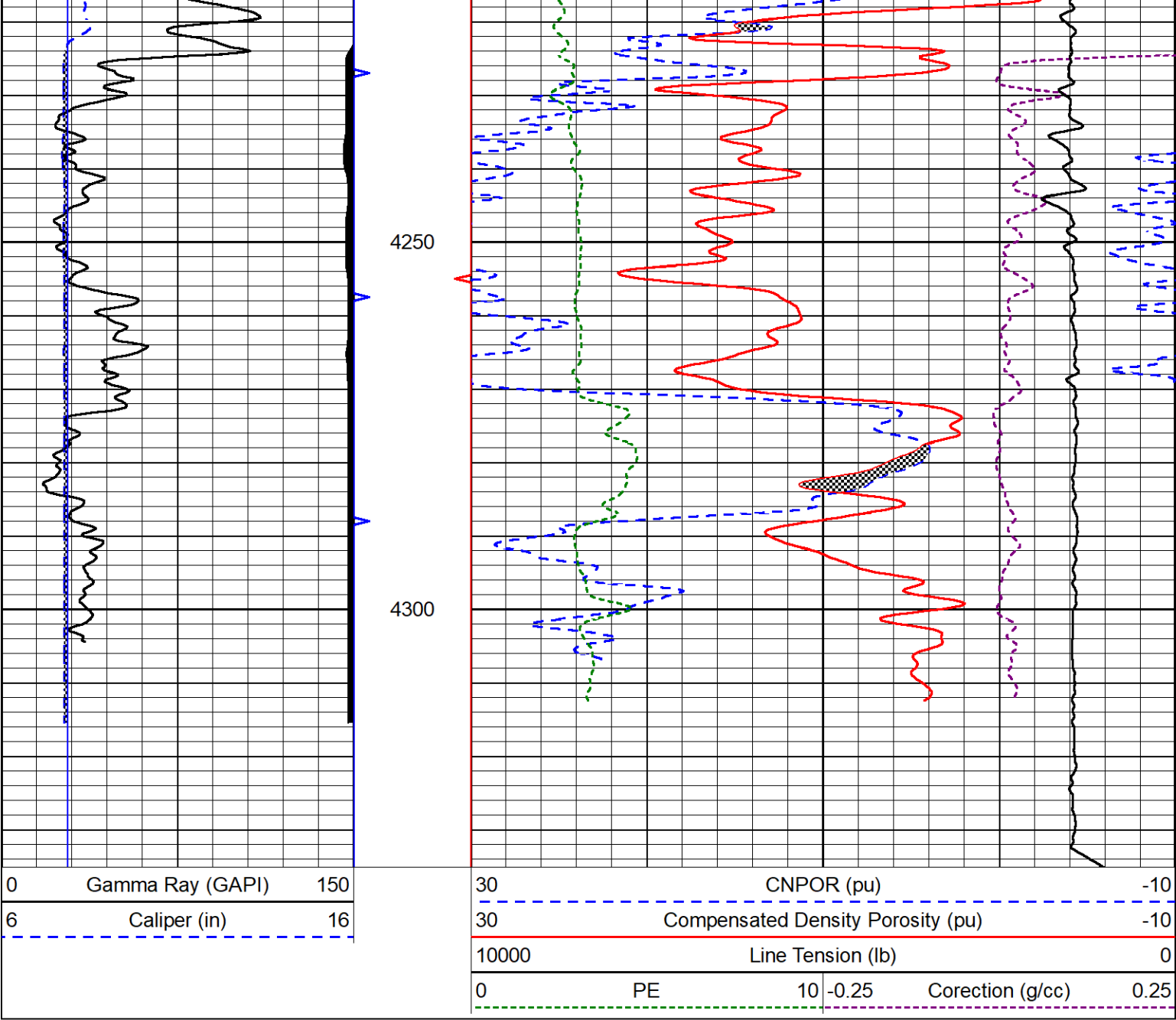
REPEAT PASS

MIDWEST WIRELINE

Database File	berexco_robb 4.db
Dataset Pathname	stkml/pass2.11
Presentation Format	_CNDLS~2
Dataset Creation	Sun Jun 30 21:19:11 2024
Charted by	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	30	CNPOR (pu)	-10
6	Caliper (in)	16	30	Compensated Density Porosity (pu)	-10
			10000	Line Tension (lb)	0
0	PE	10	-0.25	Corection (g/cc)	0.25





Calibration Report								
Database File	berexco_robb 4.db							
Dataset Pathname	stkml/pass3.1							
Dataset Creation	Sun Jun 30 22:11:50 2024							
Dual Induction Calibration Report								
Serial-Model:				506-M&W				
Surface Cal Performed:				Sun Jun 30 20:32:27 2024				
Readings			References			Results		
Loop:	Air	Loop		Air	Loop		m	b
Deep	84.211	428.152		0.000	255.800	mmho/m	0.465	-32.000
Medium	141.000	670.654		0.000	255.800	mmho/m	0.390	-10.000
Microlog Calibration Report								
Serial-Model:				402-PSI STKBL ML				
Performed:				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	11000.0000	0.0000
Inverse	0.1208	0.0013	0.0000	10.0000	Ohm-m	14000.0000	0.0000
Caliper	1.0046	1.1419	5.5000	20.0000	in	50.0000	-44.6250

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



Company	Berexco, LLC
Well	Robb #4
Field	
County	Gove
State	Kansas