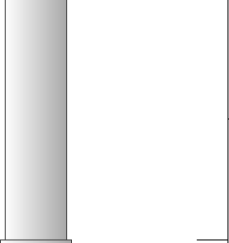
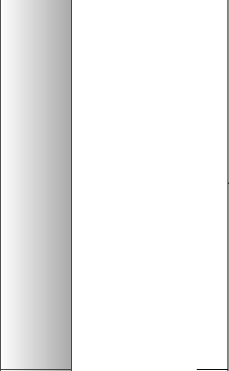
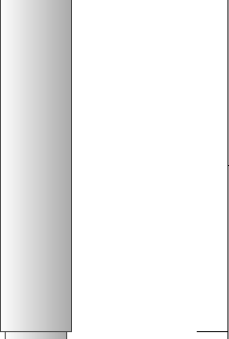
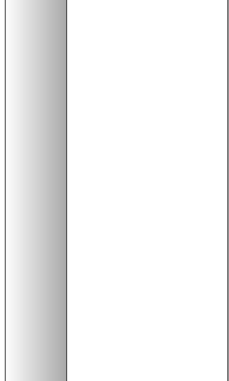


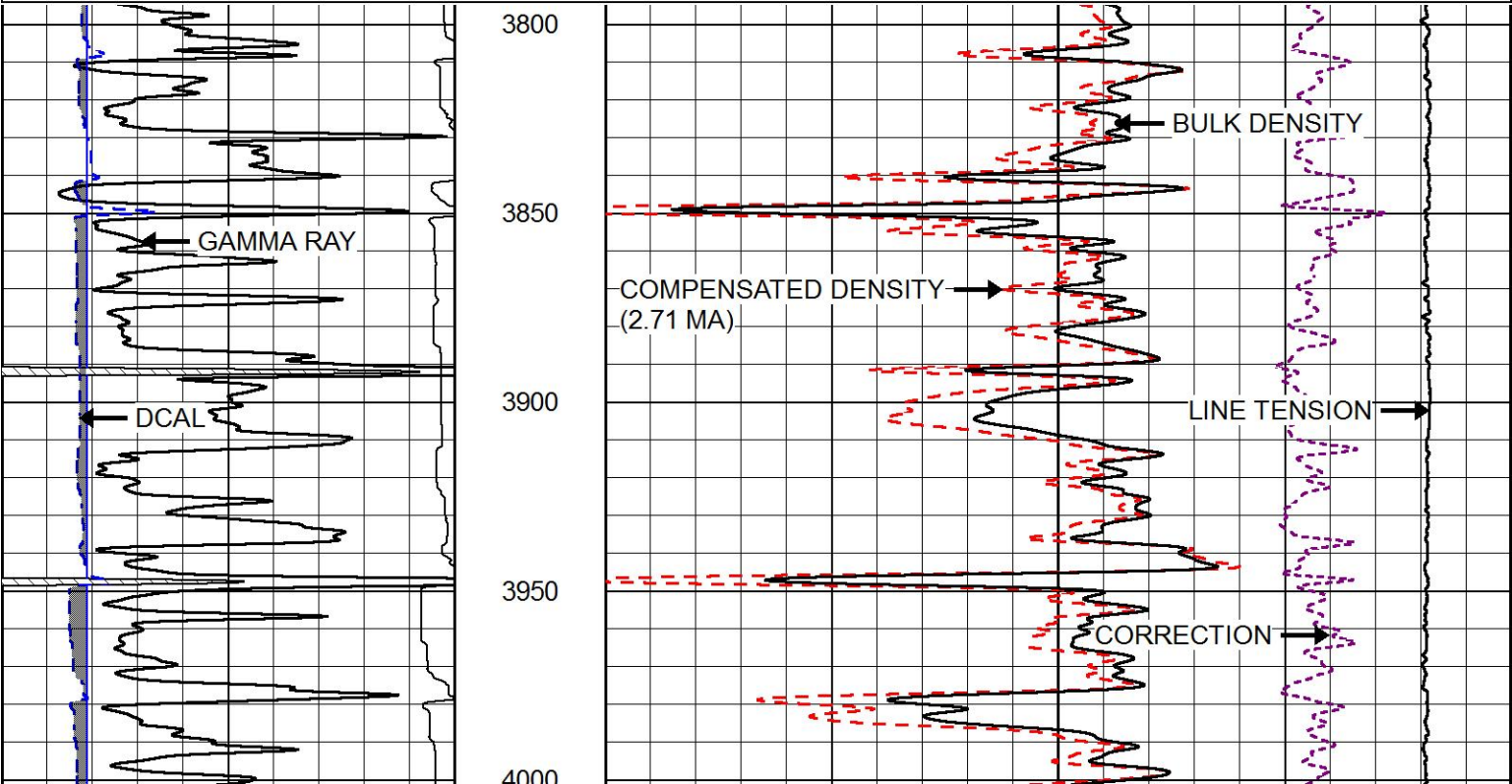
Top - Bottom

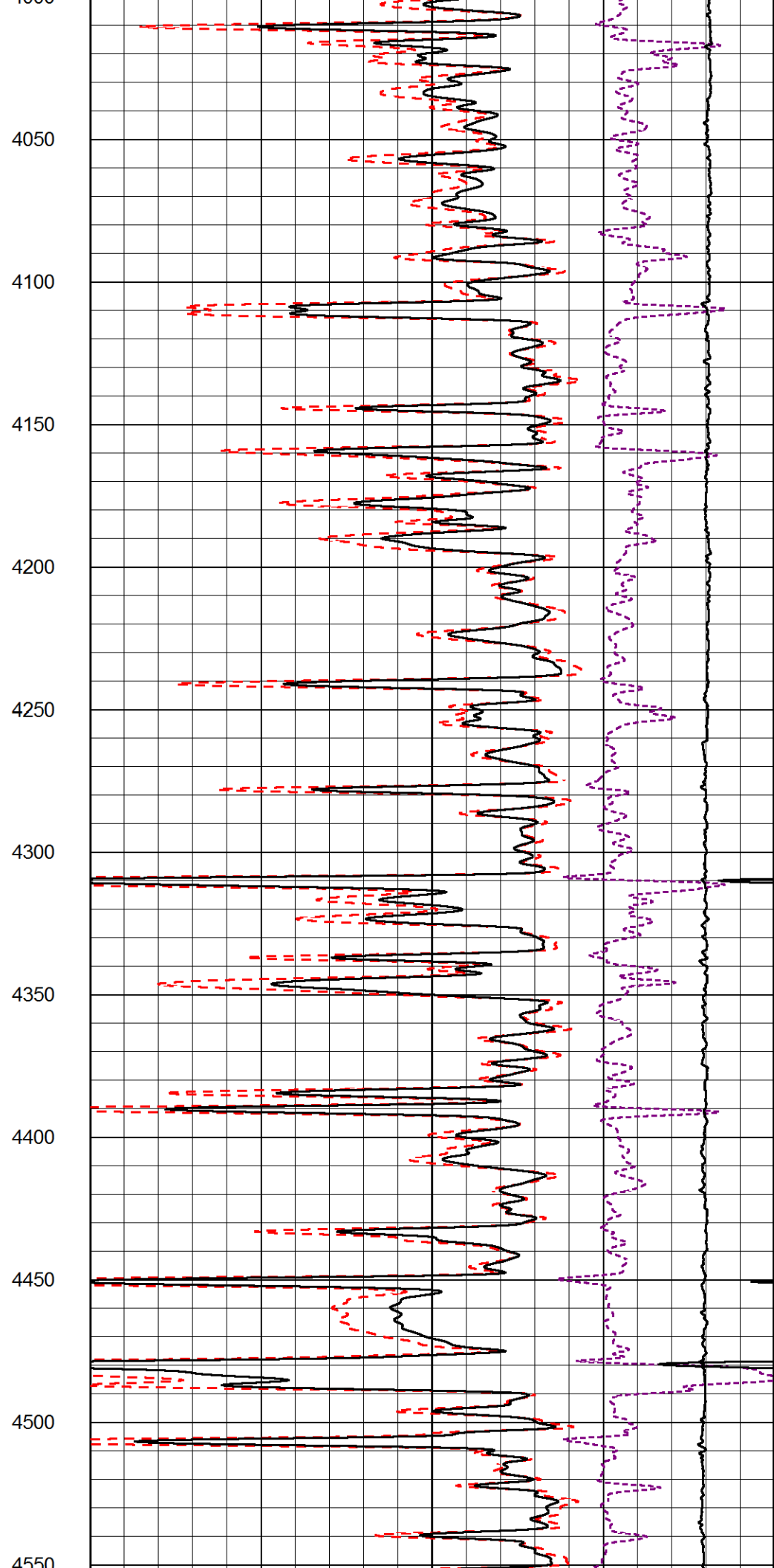
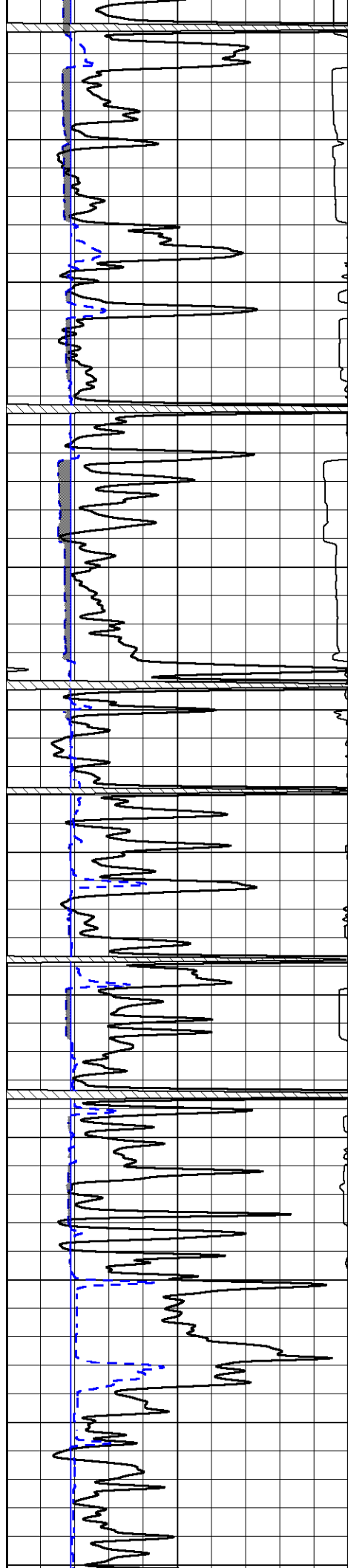
M	A	SZCOR	NPORSEL	FLUIDDEN g/cc	MATRXDEN g/cc	SPSHIFT mV	SNDERRM mmho/m
2	1	Off	Limestone	1	2.71	-40	0
SNDERR mmho/m	SRFTEMP degF	CASETHCK in	CASEOD in	PERFS	TDEPTH ft	BOTTEMP degF	BOREID in
3	0	0	5.5	0	4920	125	7.875

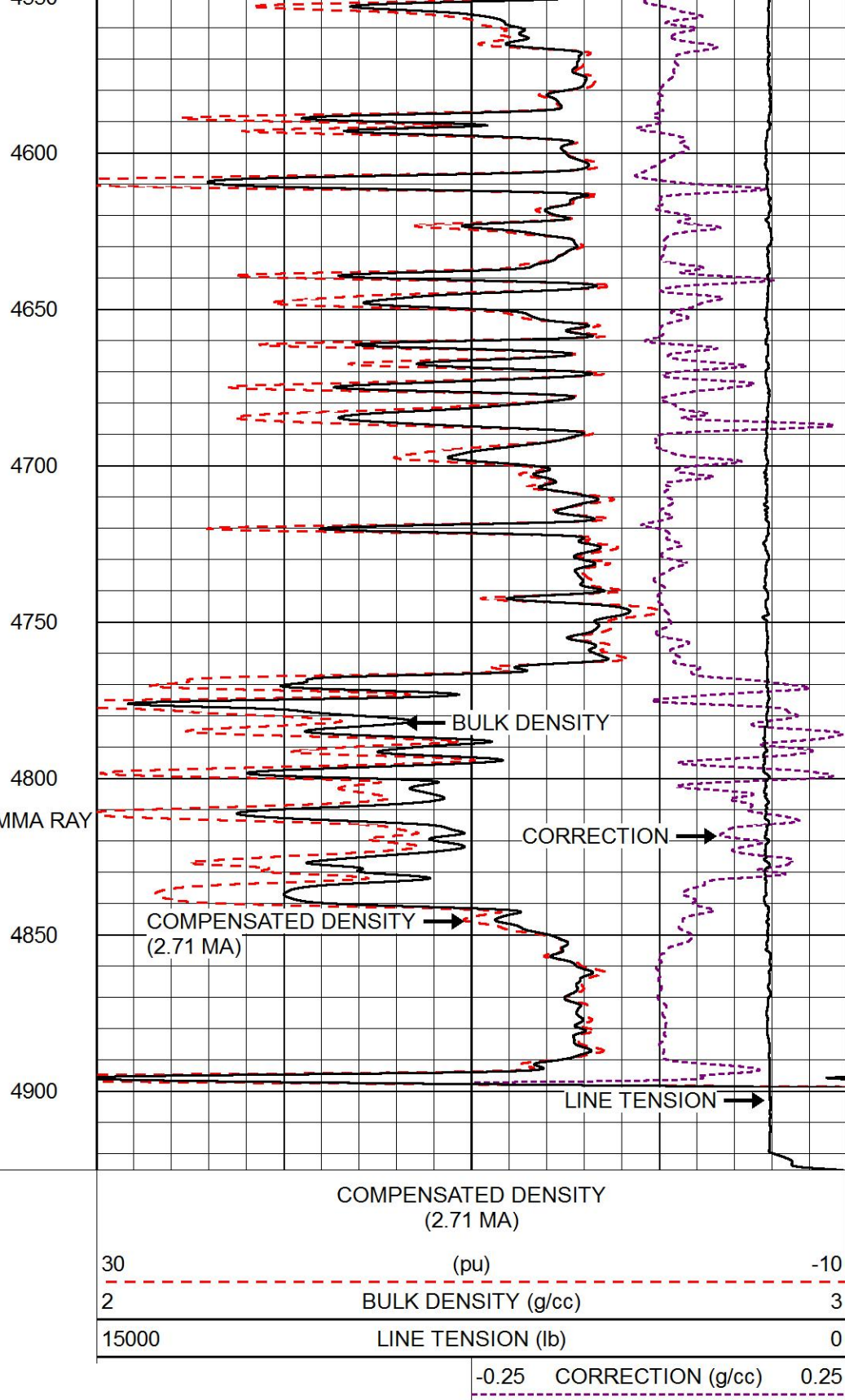
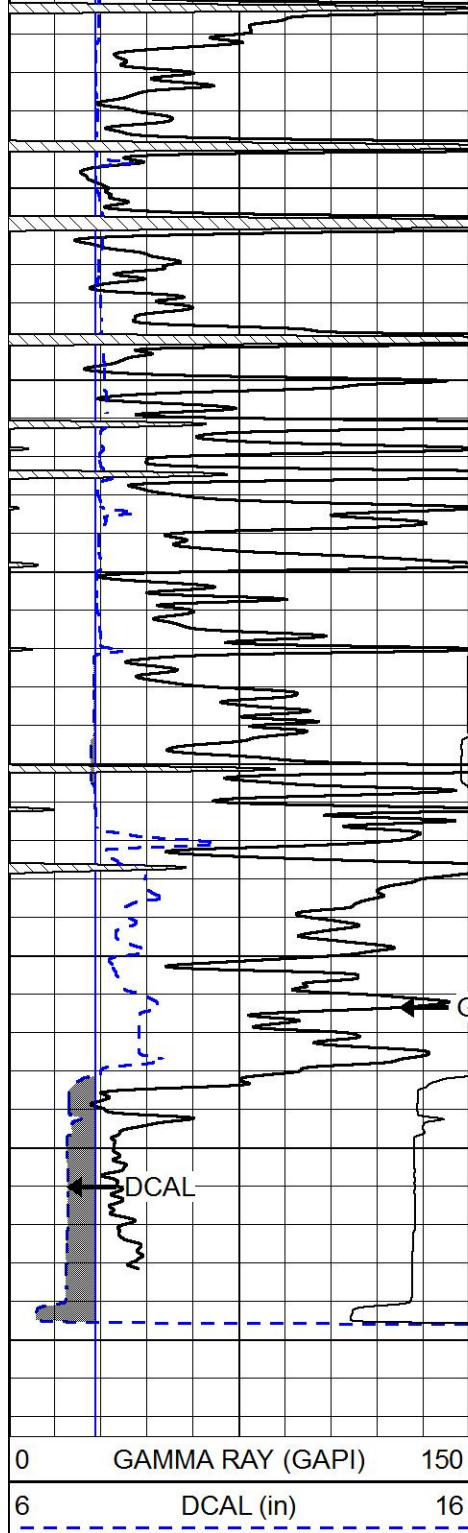
Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	40.58		GR-M&W (89)	3.00	3.50	50.00
CNLSC CNSSC	37.48 36.73		CNT-M&W (207-MW)	5.50	3.50	100.00
LSD DCAL SSD	28.43 28.42 27.93		CDL-M&W (126-186)	8.50	4.00	250.00
MCAL MI MN	19.83 19.83 19.83		ML-PSIML (PSI-01) GO Micro log tools converted to Simplec electronics	7.58	4.00	65.00
RLL3F RLL3	15.80 15.80					

			DIL-PSI HIGH TEMP (967 (HT))	18.50	3.50	220.00
CILD	8.00					
CILM	4.70					
SP	0.20					
Dataset: shakespeare_hovey_1_24.db: field/well/stackmel/pass3.1 Total length: 43.08 ft Total weight: 685.00 lb O.D.: 4.00 in						

 PIONEER Pioneer Energy Services			MAIN PASS		
Database File			shakespeare_hovey_1_24.db		
Dataset Pathname			stackmel/pass3.1		
Presentation Format			cdl		
Dataset Creation			Sun Feb 24 11:09:12 2019		
Charted by			Depth in Feet scaled 1:600		
0	GAMMA RAY (GAPI)	150	COMPENSATED DENSITY (2.71 MA) 30 (pu) -10 2 BULK DENSITY (g/cc) 3 15000 LINE TENSION (lb) 0 -0.25 CORRECTION (g/cc) 0.25		
6	DCAL (in)	16			





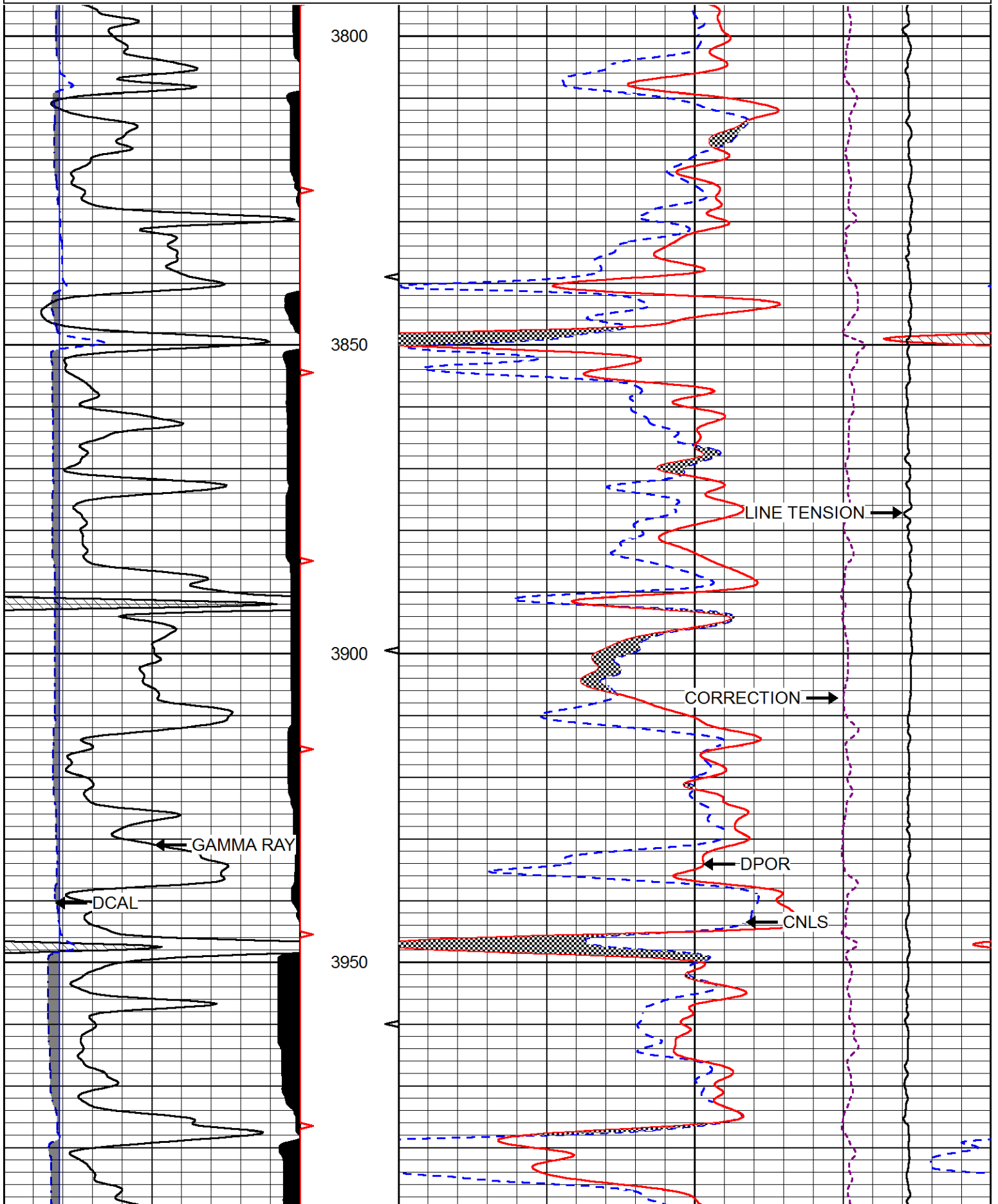


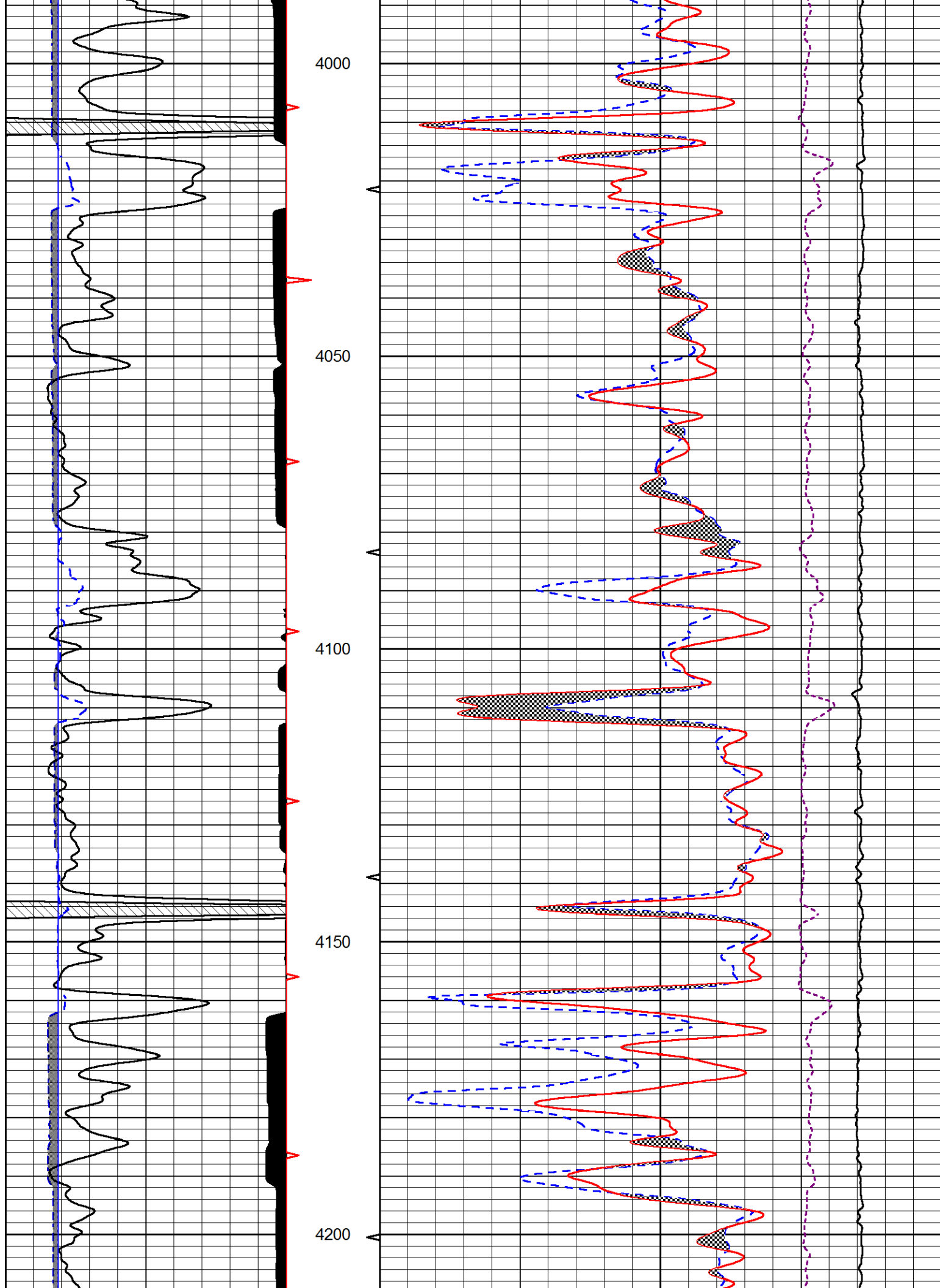
MAIN PASS

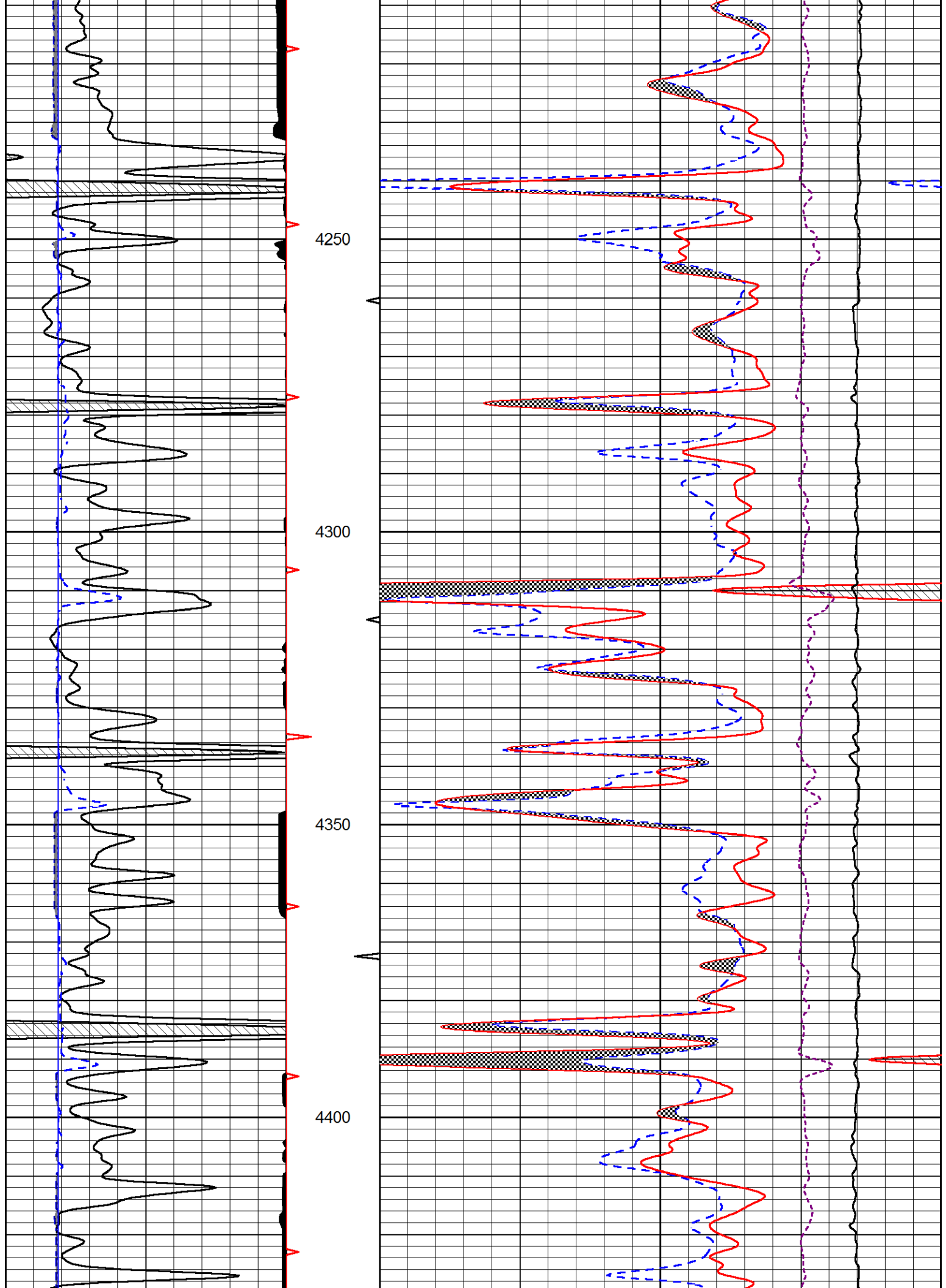
Database File shakespear_hovey_1_24.db
 Dataset Pathname stackmel/pass3.1
 Presentation Format cndlspec
 Dataset Creation Sun Feb 24 11:09:12 2019

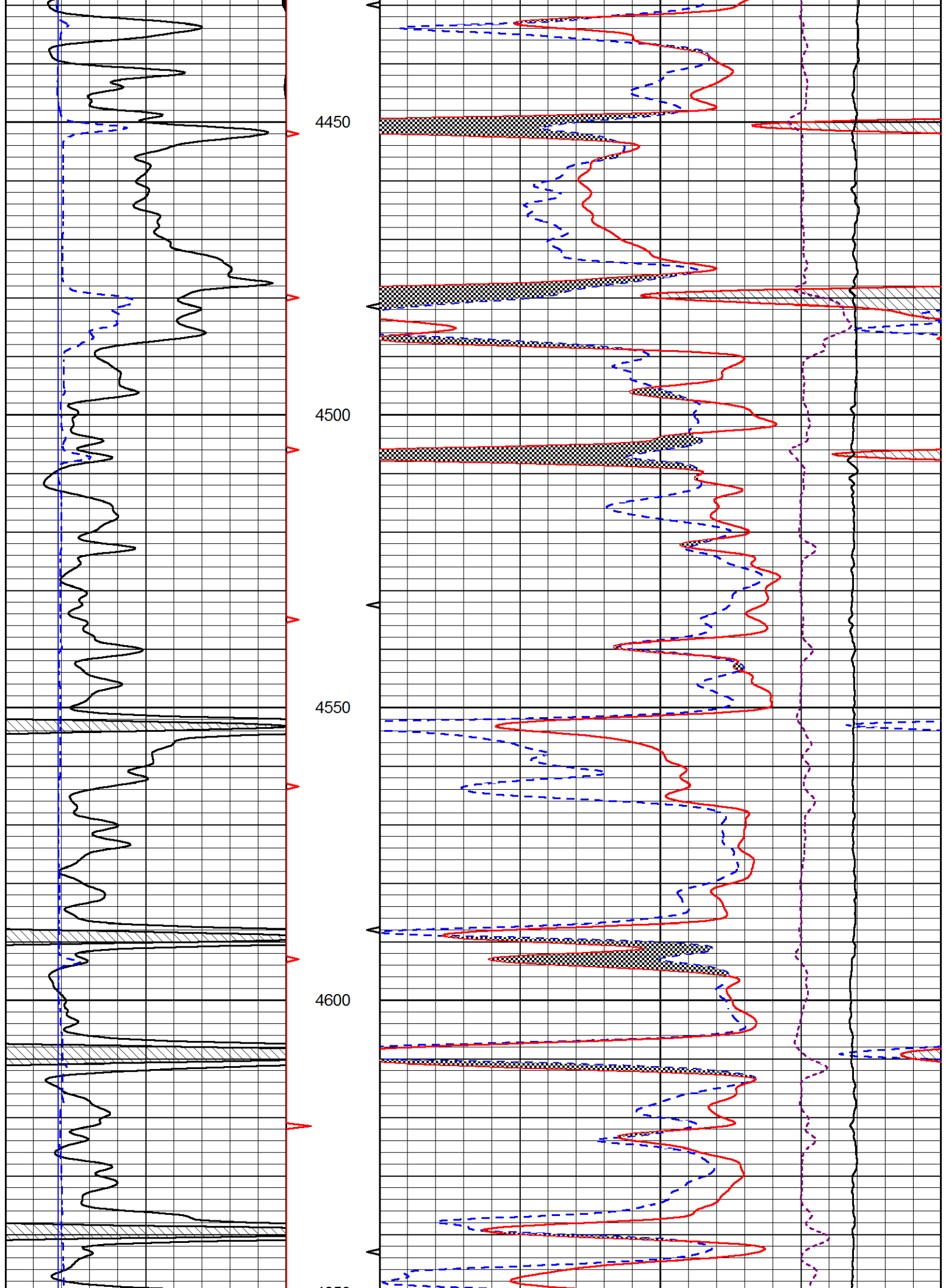
0	GAMMA RAY (GAPI)	150
6	DCAL (in)	16

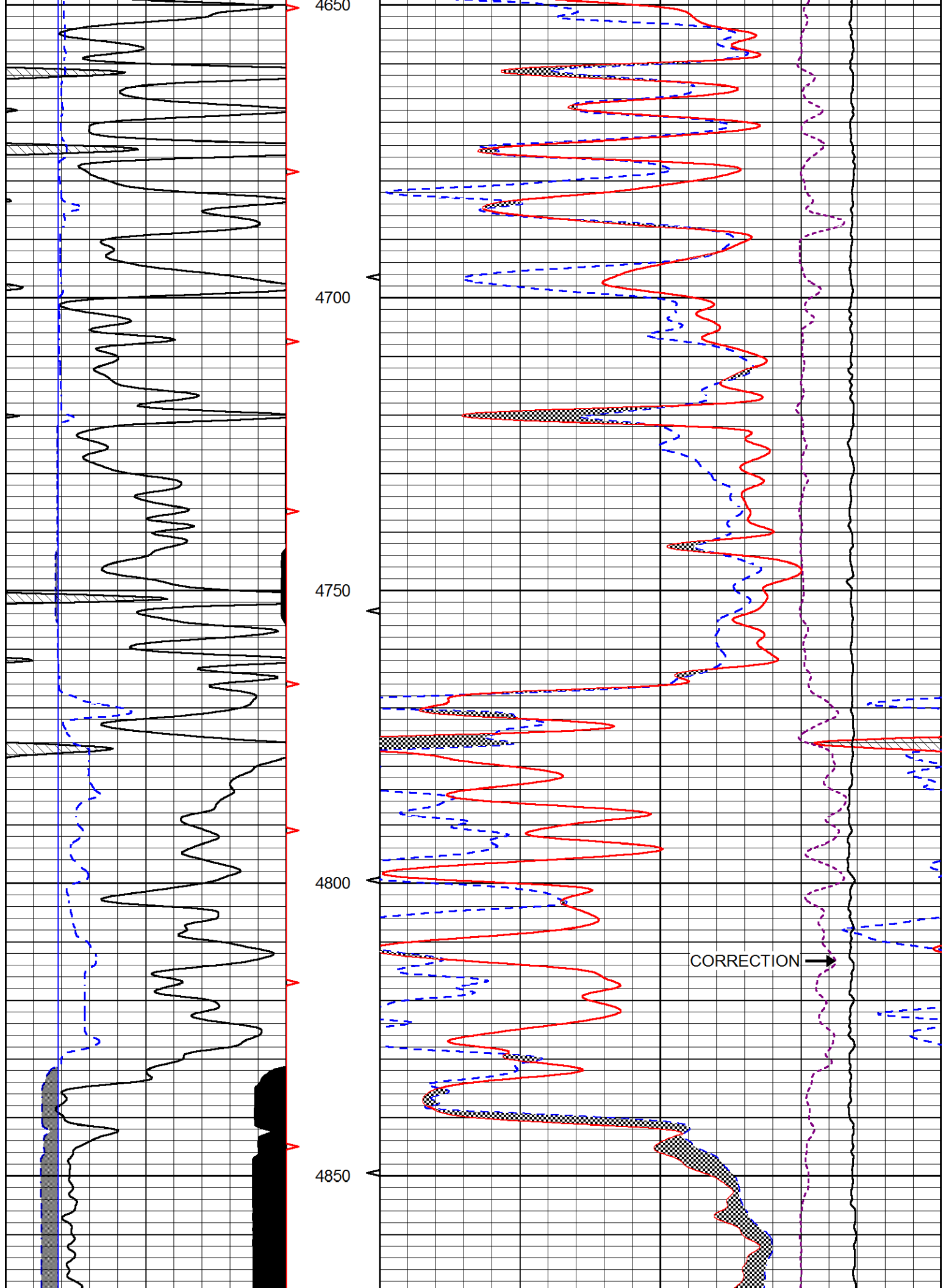
30	CNLS (pu)	-10
30	DPOR (pu)	-10
10000	LINE TENSION (lb)	0
	-0.75 CORRECTION (g/cc)	0.75

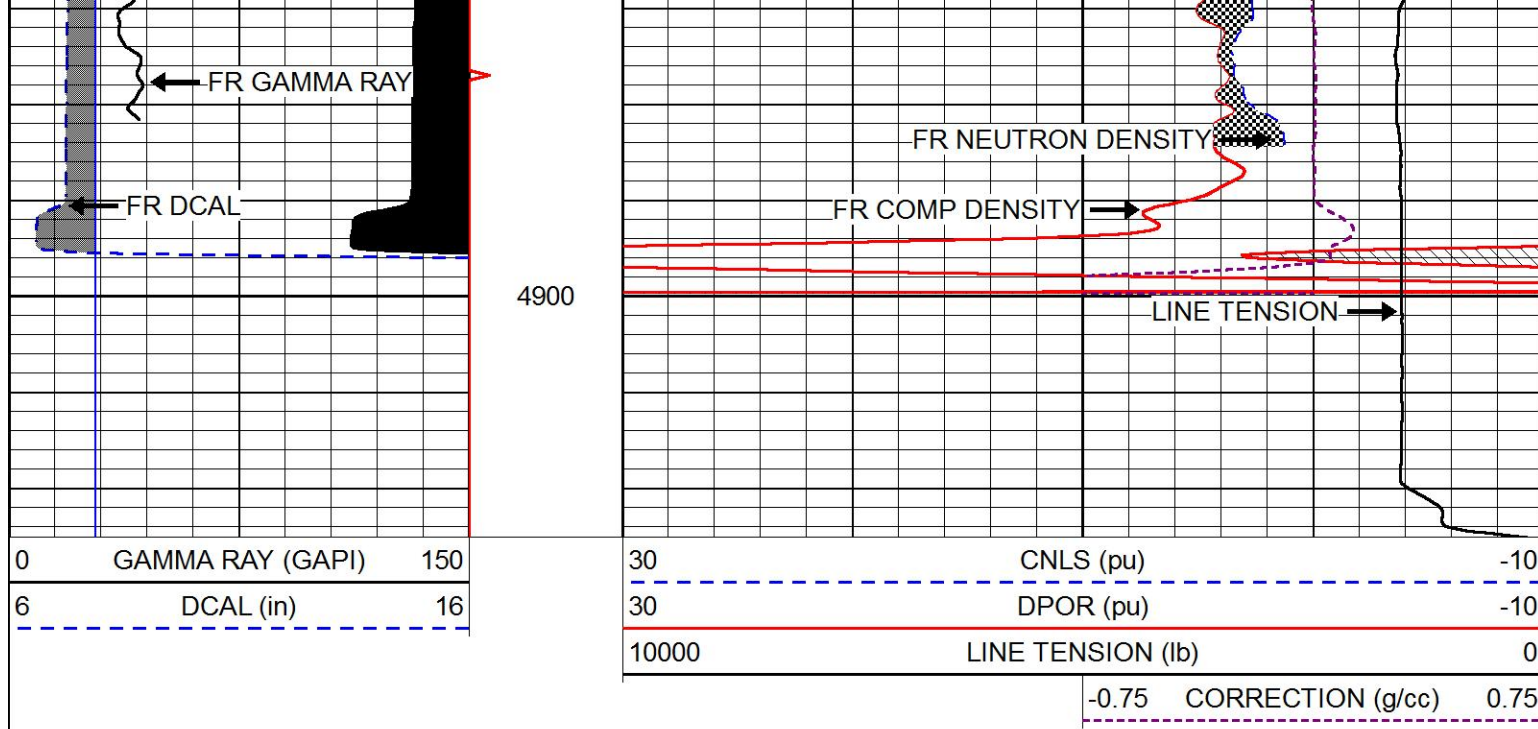






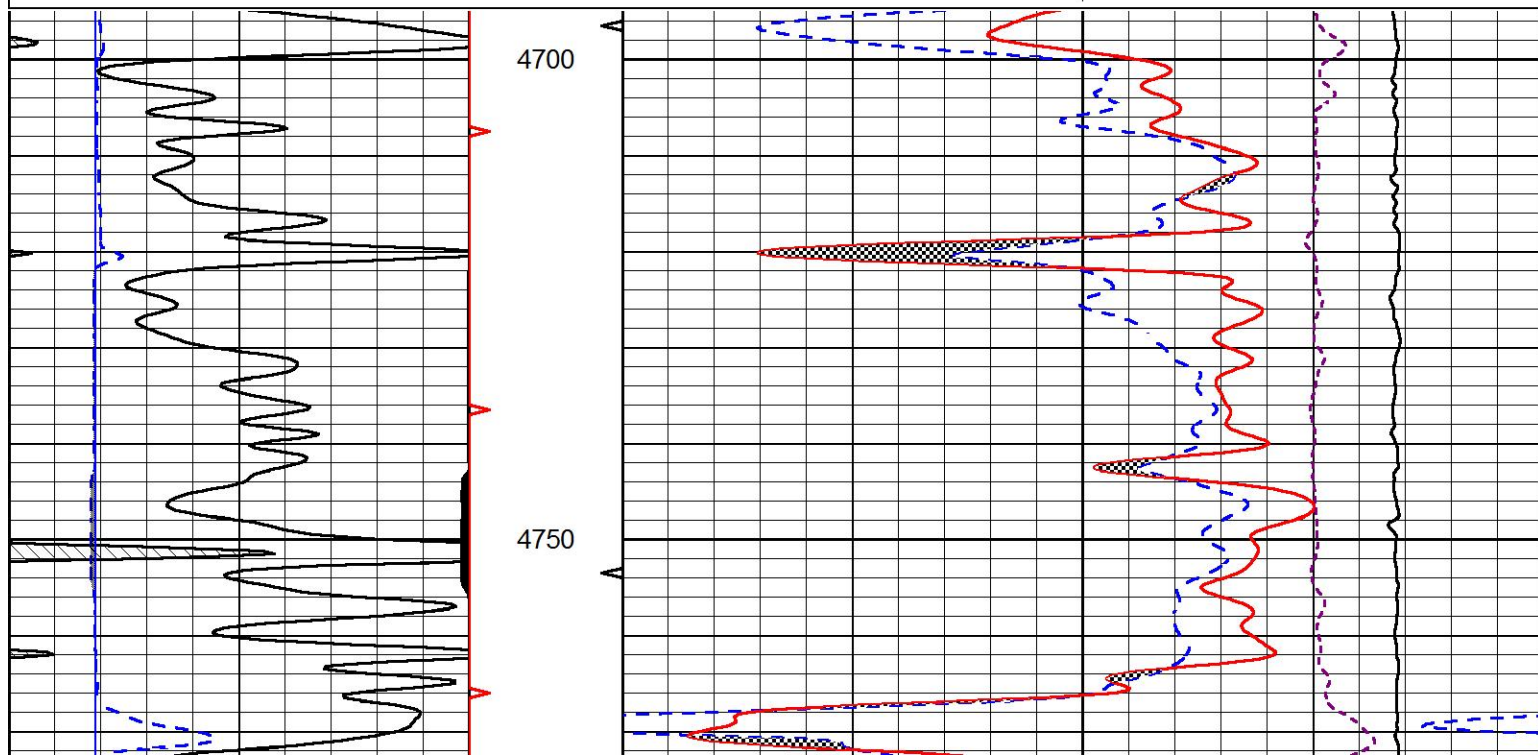
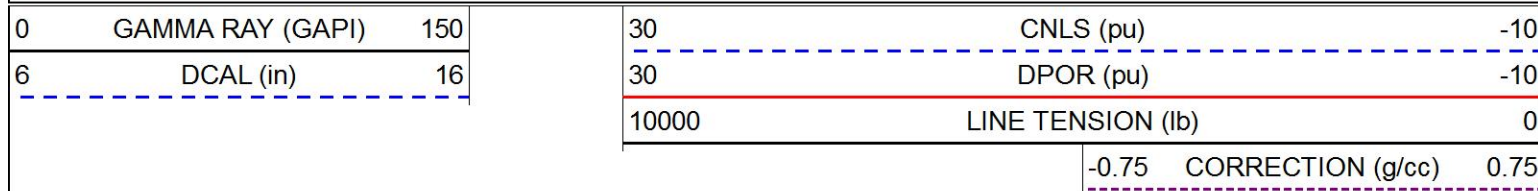


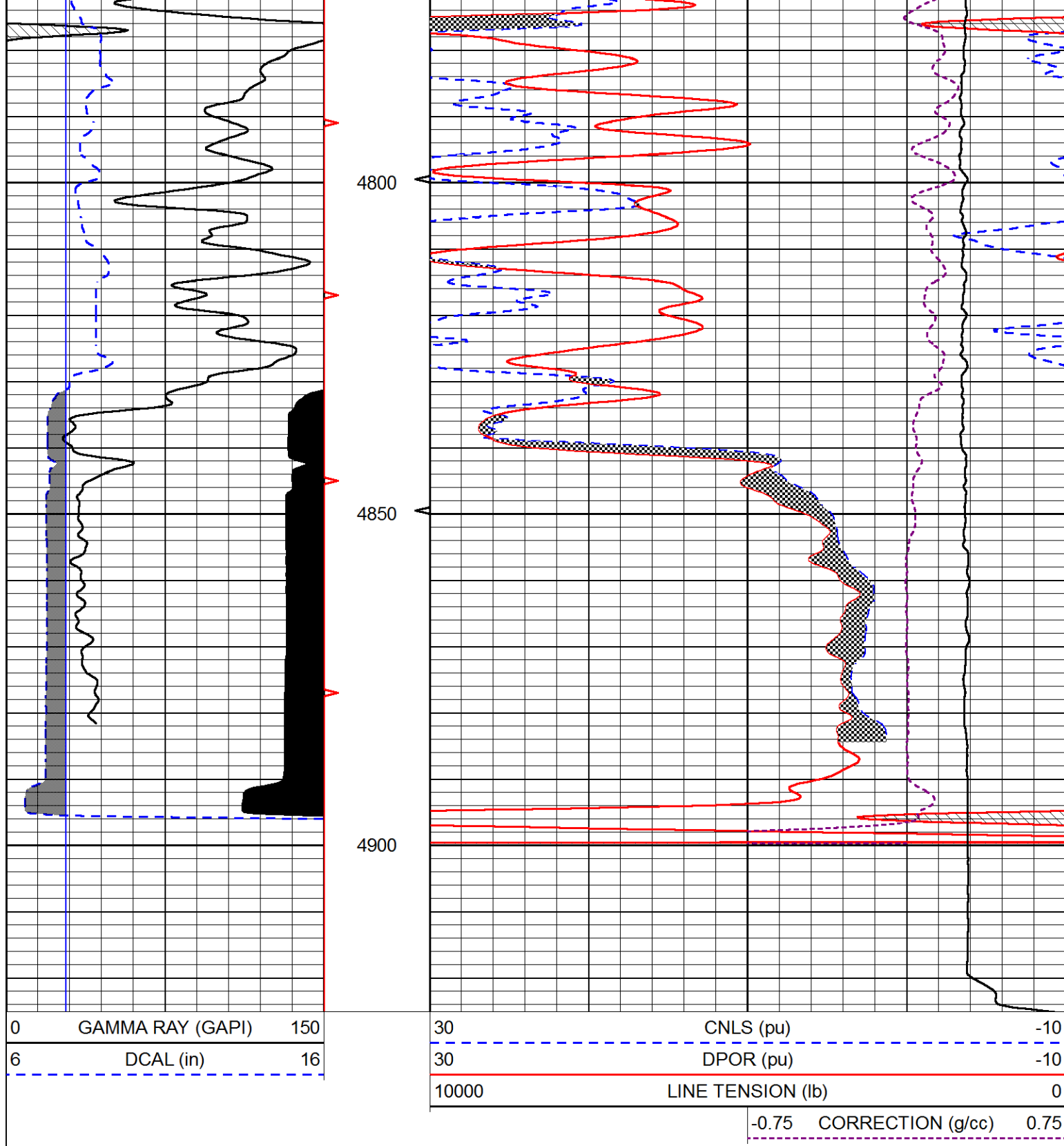




REPEAT SECTION

Database File shakespear_hovey_1_24.db
 Dataset Pathname stackmel/pass2.1
 Presentation Format cndlspec
 Dataset Creation Sun Feb 24 11:12:20 2019
 Charted by Depth in Feet scaled 1:240





Calibration Report

Database File shakespeare_hovey_1_24.db
Dataset Pathname stackmel/pass3.1
Dataset Creation Sun Feb 24 11:09:12 2019

Dual Induction Calibration Report

Serial-Model: 967 (HT)-PSI HIGH TEMP
Calibration Performed: Sun Oct 07 19:24:22 2018

Readings

References

Results

Loop:	Air	Loop		Air	Loop		Gain	Offset
Deep	167.000	835.000		0.000	255.800	mmho/m	0.565	-17.500
Medium	0.000	1348.000		142.000	255.800	mmho/m	0.390	-40.000
Microlog Calibration Report								
Serial-Model: Performed:				PSI-01-PSIML Sat Sep 08 05:17:35 2018				
Readings			References			Results		
	Zero	Cal		Zero	Cal		m	b
Normal	0.0000	1.0000		0.0000	1.0000	Ohm-m	26000.0000	-0.7000
Inverse	0.0000	1.0000		0.0000	1.0000	Ohm-m	30000.0000	-0.6000
Caliper	1.0001	1.1397		6.5000	18.5000	in	70.0000	-65.6000
Compensated Density Calibration Report								
Serial-Model: Source / Verifier: Master Calibration Performed:				126-186-M&W 16955B / 2ci Tue Feb 12 14:50:39 2019				
Master Calibration								
	Density			Far Detector		Near Detector		
Magnesium	1.755	g/cc		4753.97		6898.87	cps	
Aluminum	2.668	g/cc		896.28		4374.48	cps	
	Spine Angle = 74.73			Density/Spine Ratio = 0.528				
	Size			Reading				
Small Ring	4.00	in		2.58				
Large Ring	14.00	in		1.66				
Compensated Neutron Calibration Report								
Serial Number: Tool Model: Calibration Performed:				207-MW M&W WED FEB 13 10:30:30 2019				
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: Tool Model: Calibration Performed:		89 M&W Fri Aug 24 11:16:10 2018						
Calibrator Value:		1.0		GAPI				
Background Reading: Calibrator Reading:		0.0 1.0		cps cps				
Sensitivity:		0.6000		GAPI/cps				



Company	SHAKESPEARE OIL CO., INC.
Well	HOVEY #1-24
Field	WILDCAT
County	WICHITA
State	KANSAS