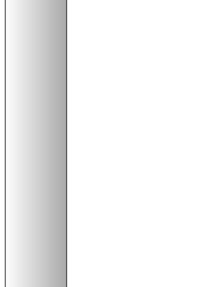
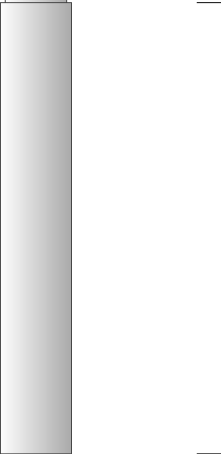
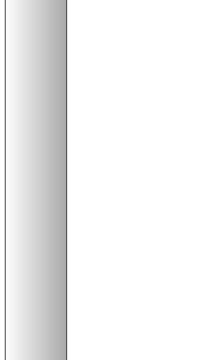


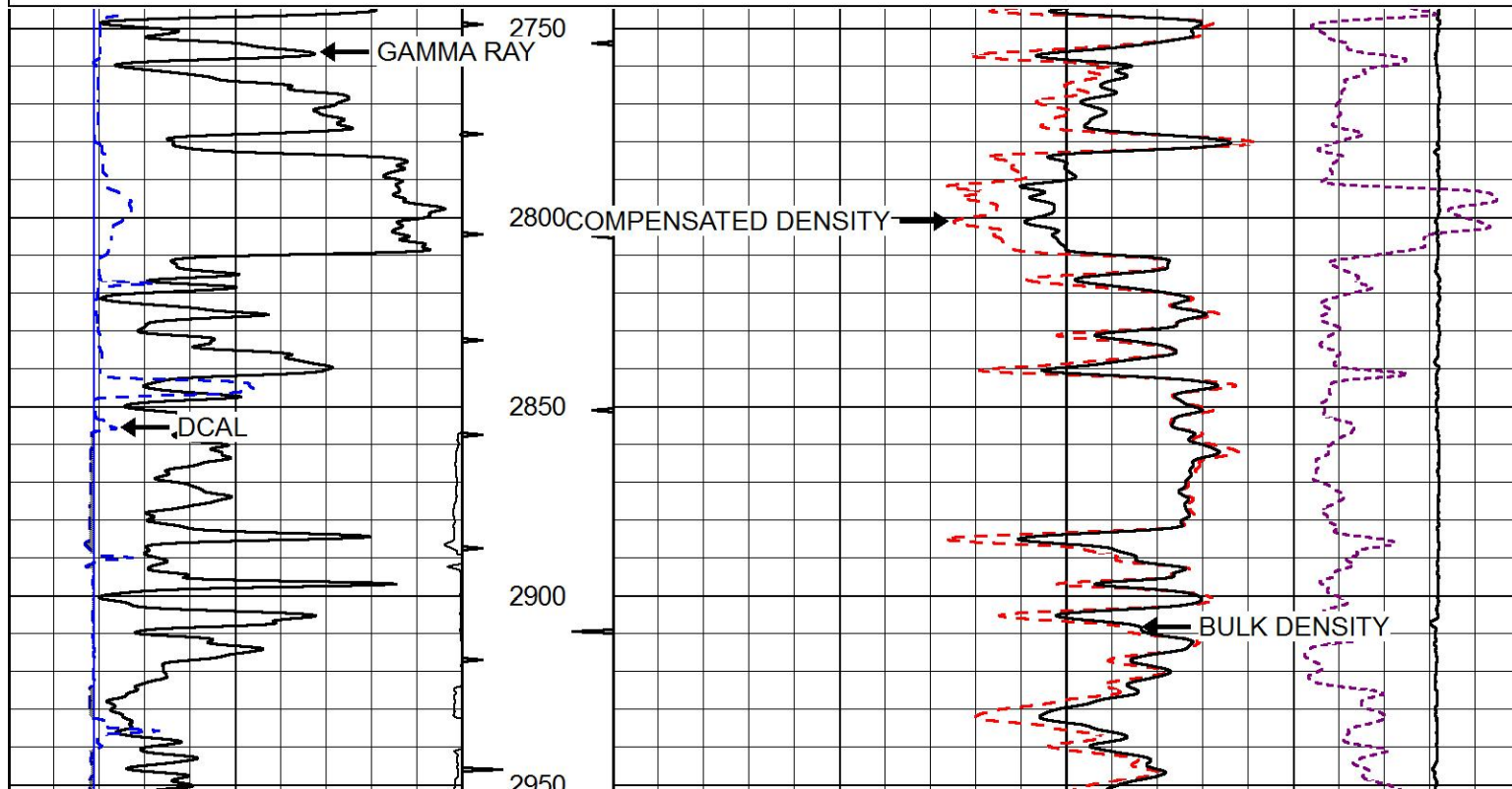
Top - Bottom

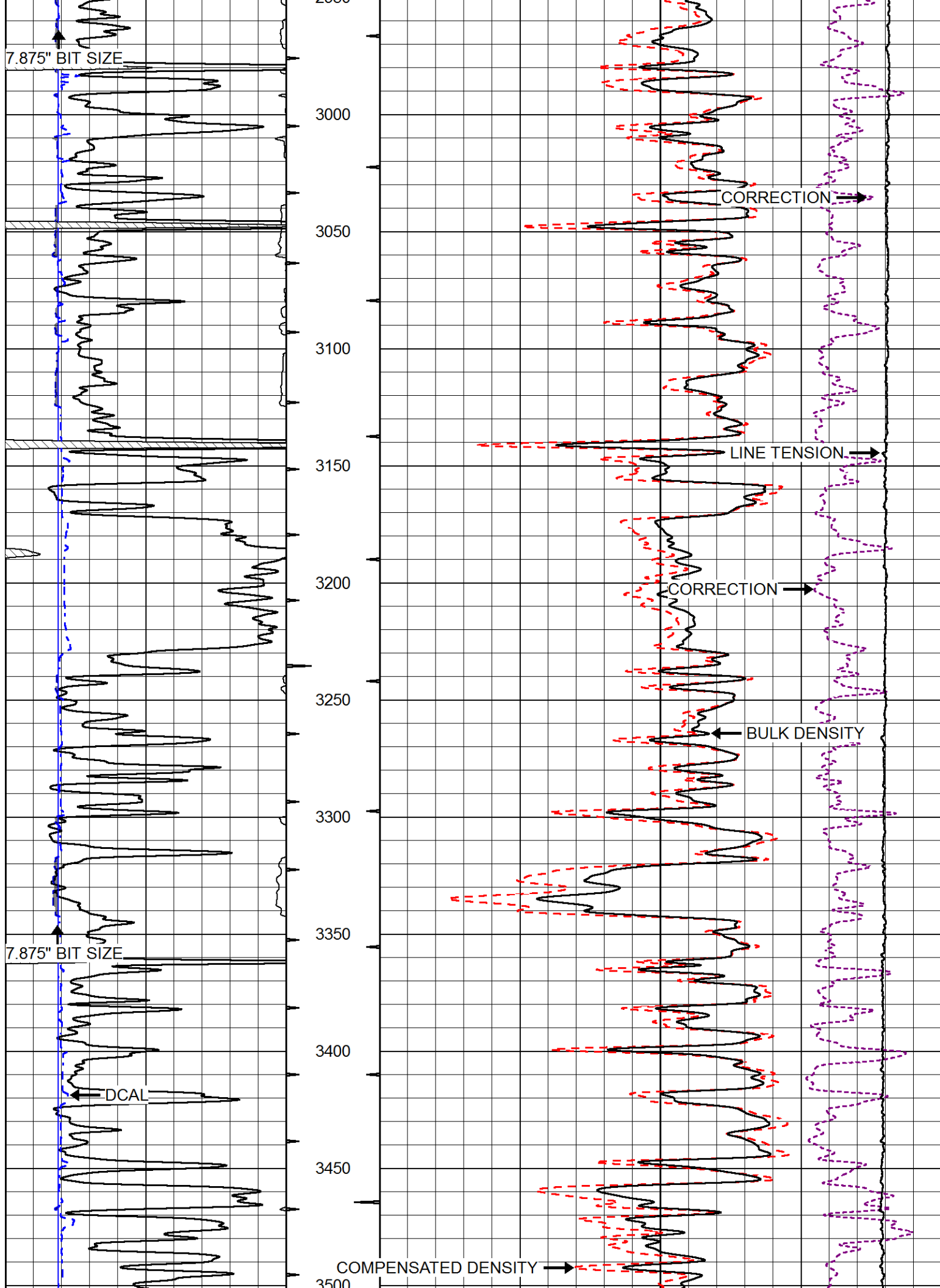
M	A	SZCOR	NPORSEL	FLUIDDEN g/cc	MATRXDEN g/cc	SPSHIFT mV	SNDERRM mmho/m
2	1	Off	Limestone	1	2.71	208	5
SNDERR mmho/m	SRFTEMP degF	CASETHCK in	CASEOD in	PERFS	TDEPTH ft	BOTTEMP degF	BOREID in
5	93	0	5.5	0	3600	112	7.875

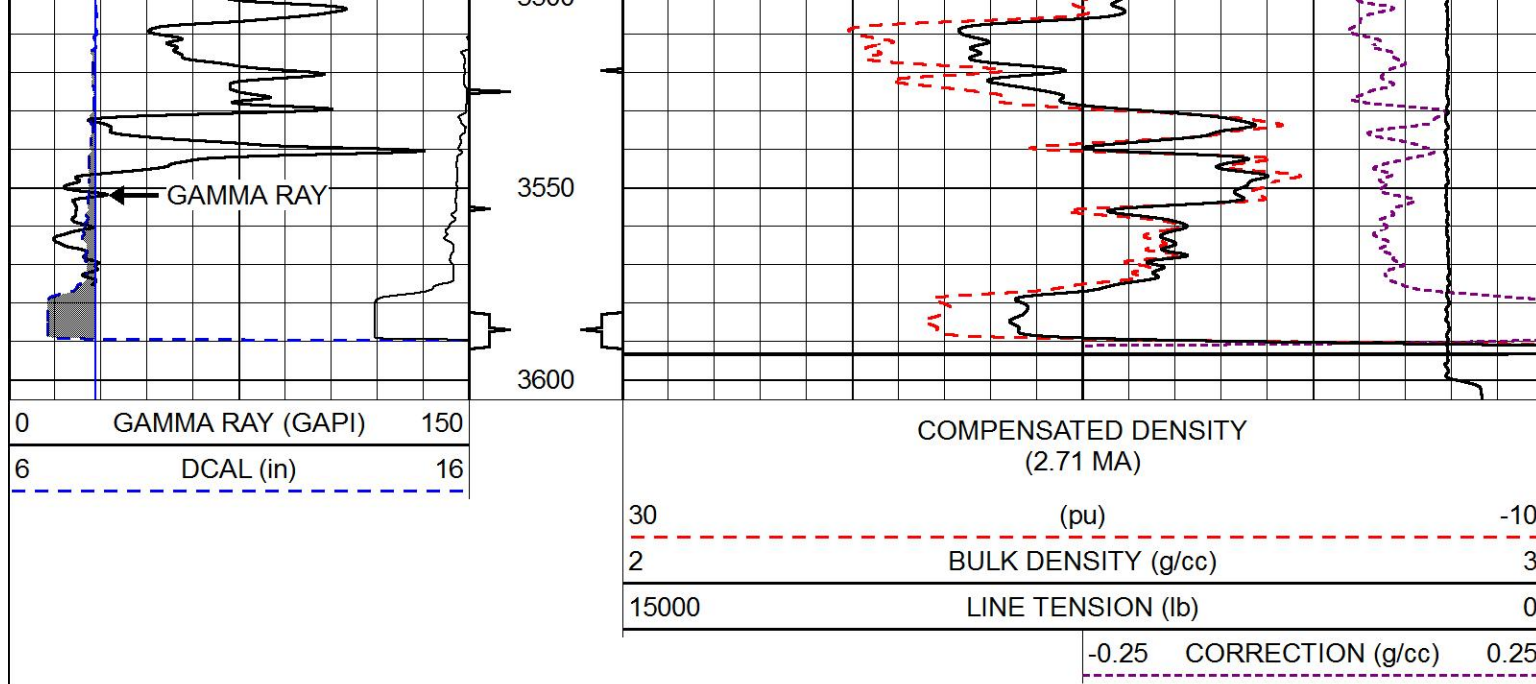
Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	33.00		GR-M&W (89)	3.00	3.50	50.00
CNLSC CNSSC	29.90 29.15		CNT-M&W (207-MW)	5.50	3.50	100.00
LSD DCAL SSD	20.85 20.83 20.35		CDL-M&W (797-152)	8.50	4.00	250.00
RLL3F RLL3	15.80 15.80					
CILD	8.00		DIL-PSI HIGH TEMP (967 (HT))	18.50	3.50	220.00

CILM	4.70								
SP	0.20								
Dataset: fossil_energy_lee_1.db: field/well/STK/pass4.1 Total length: 35.50 ft Total weight: 620.00 lb O.D.: 4.00 in									

 PIONEER Pioneer Energy Services			MAIN PASS		
Database File		fossil_energy_lee_1.db			
Dataset Pathname		STK/pass4.1			
Presentation Format		cdl			
Dataset Creation		Sat Aug 25 18:29:07 2018			
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			

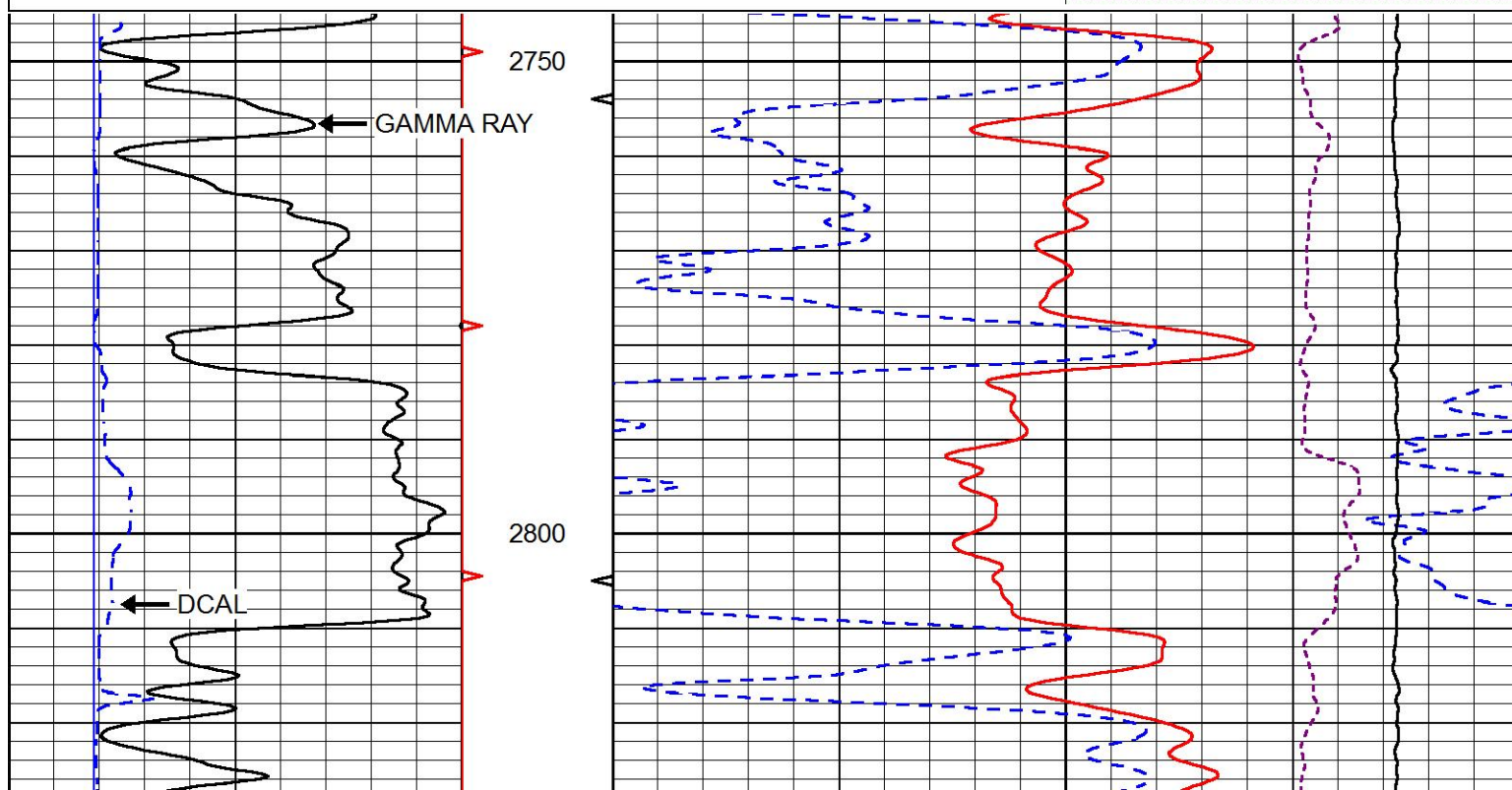
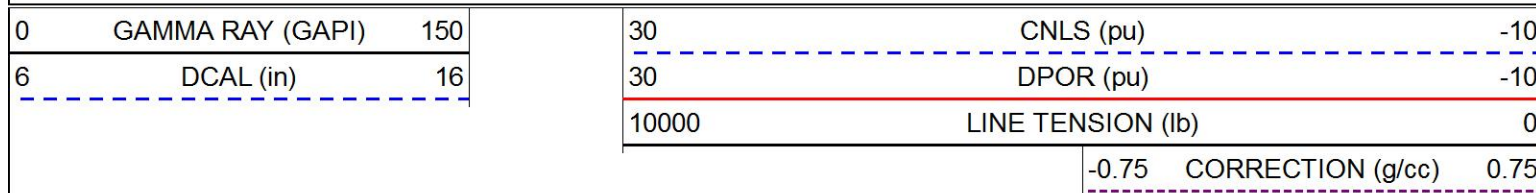


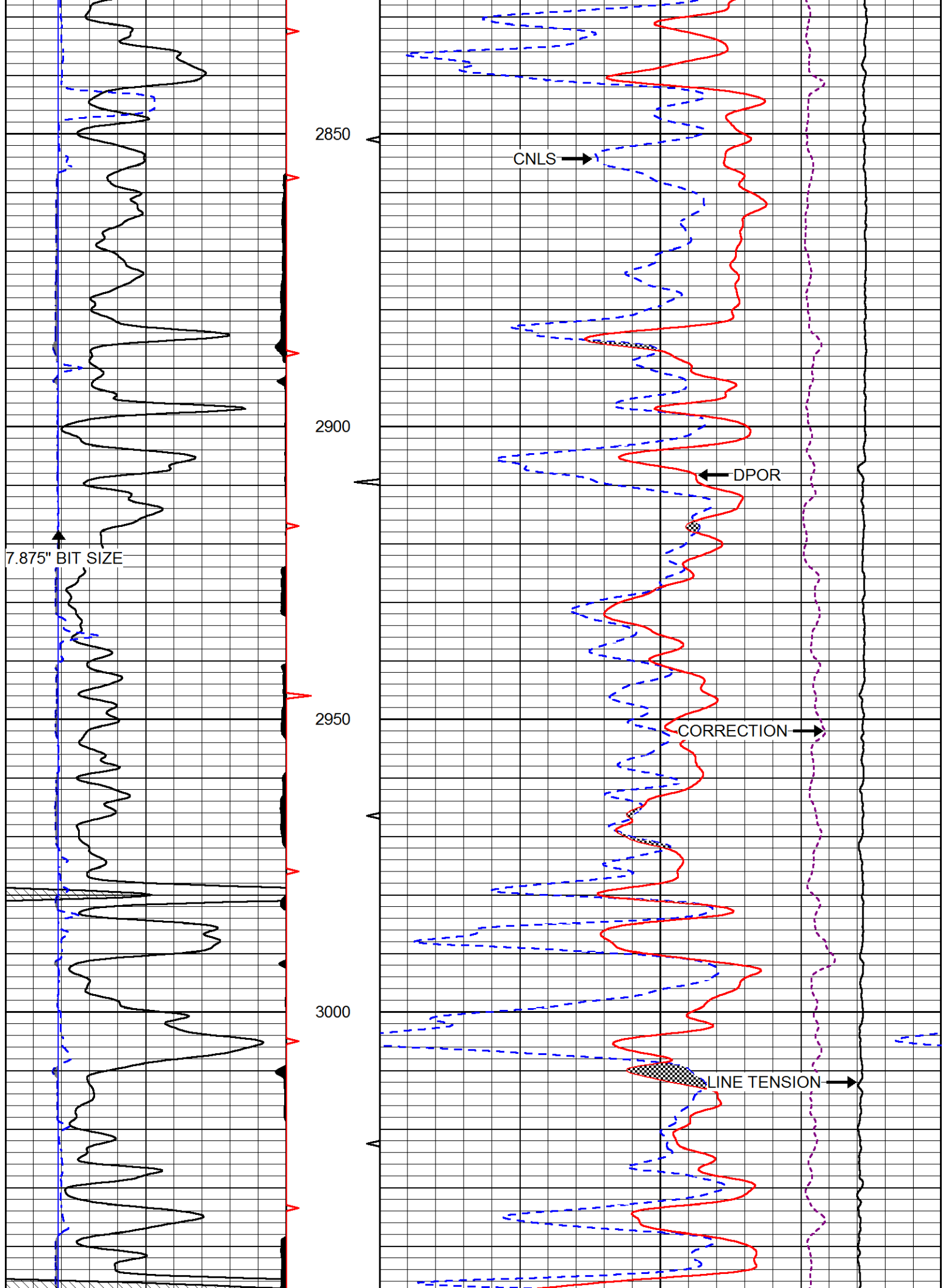


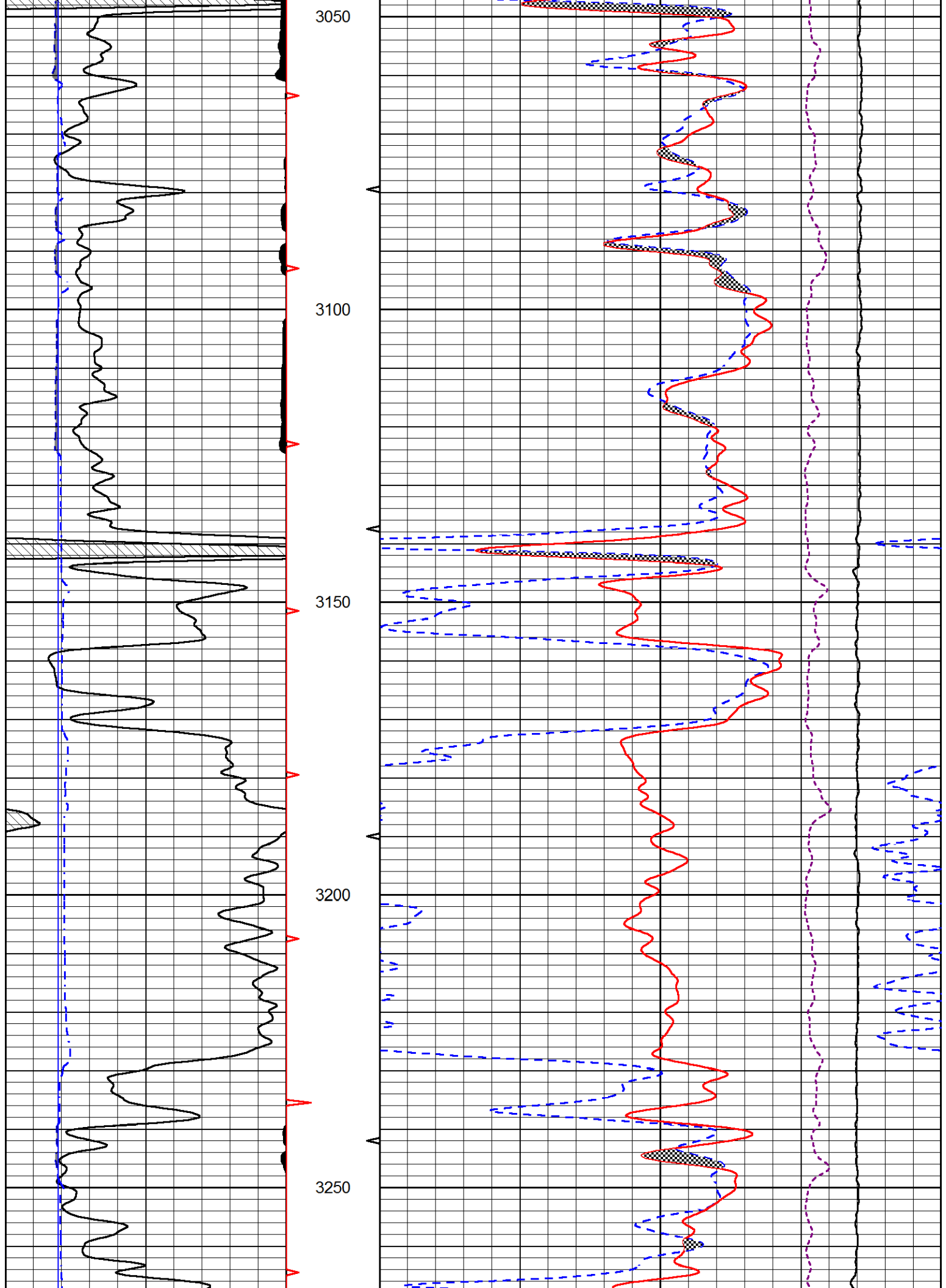


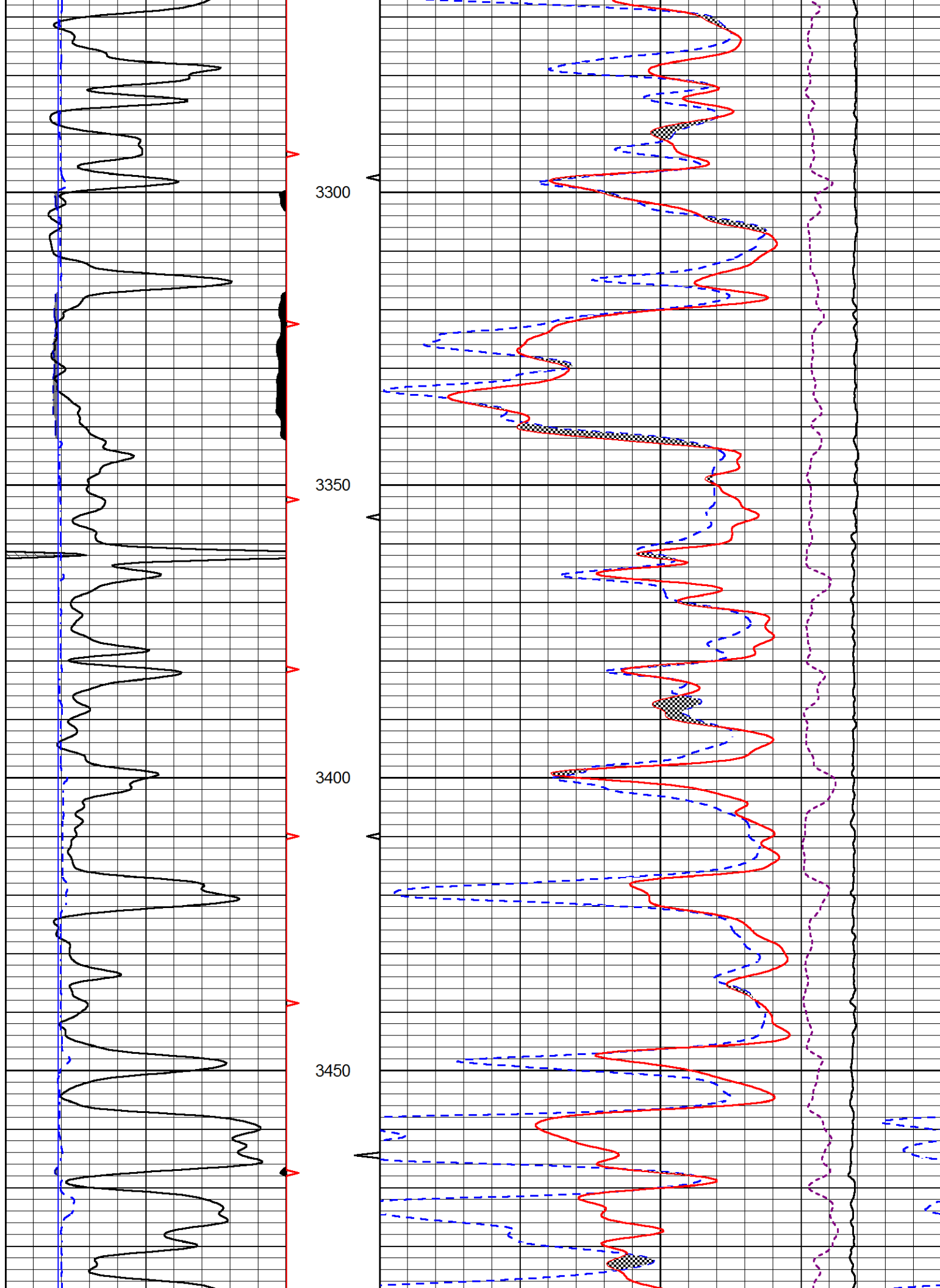
MAIN PASS

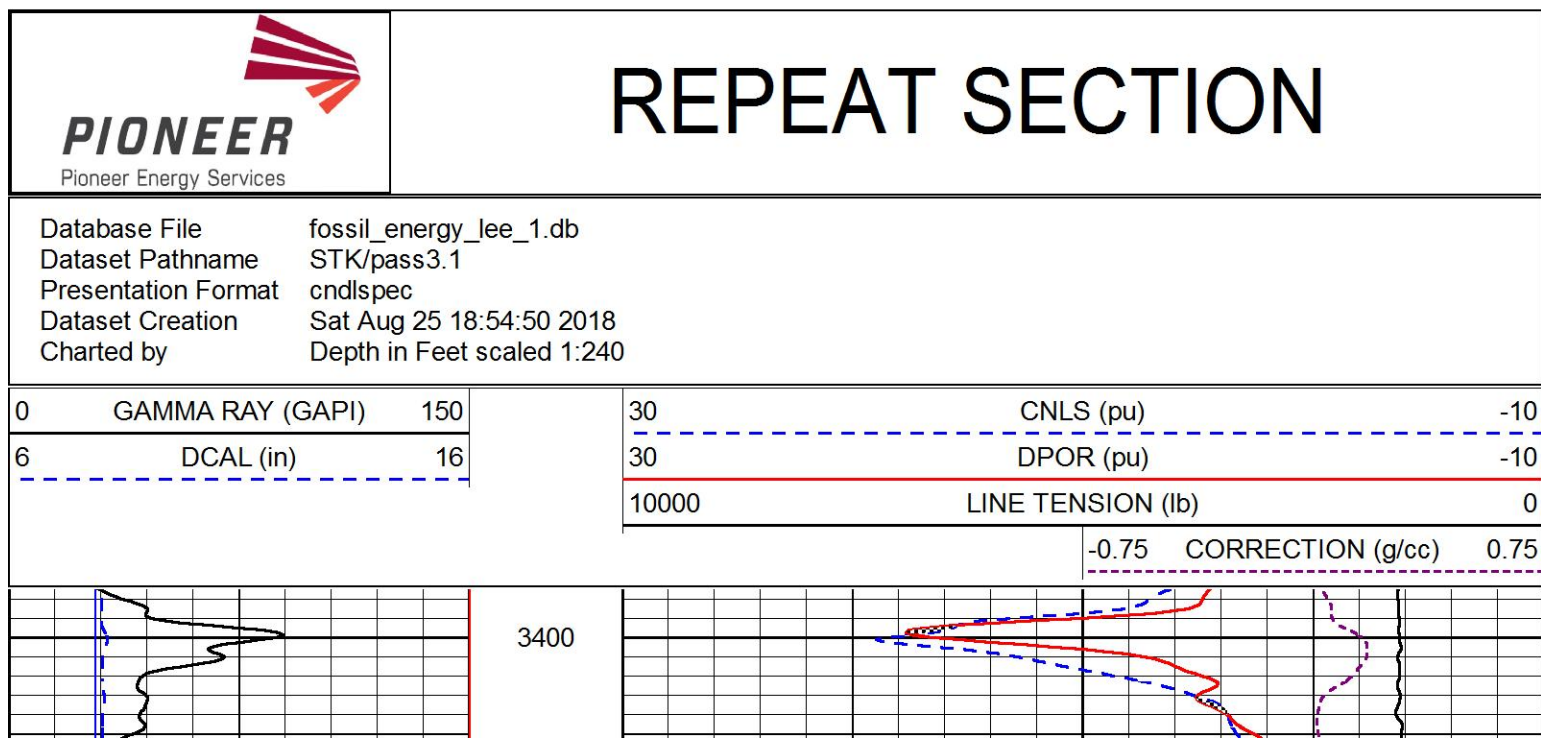
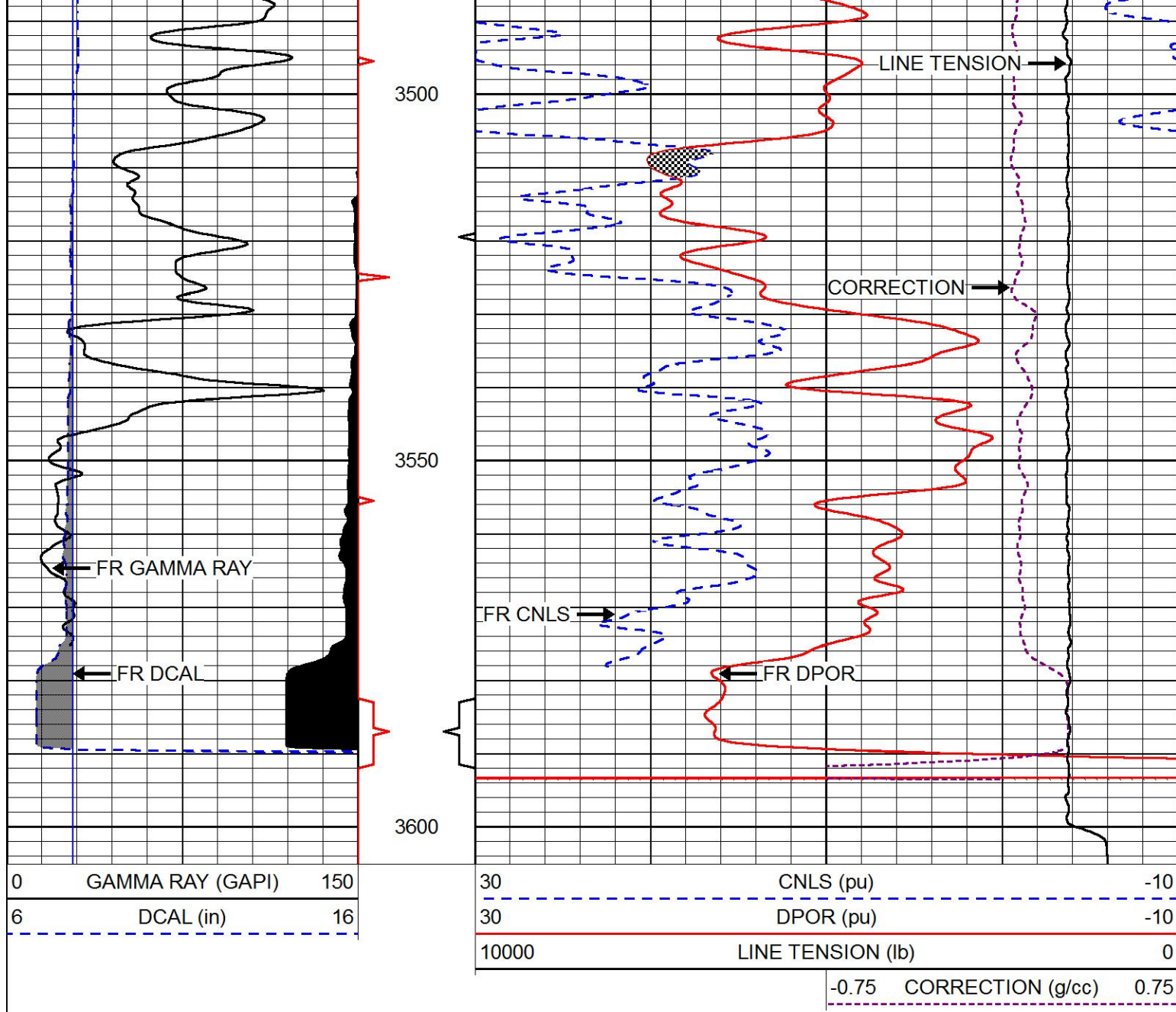
Database File fossil_energy_lee_1.db
 Dataset Pathname STK/pass4.1
 Presentation Format cndlspec
 Dataset Creation Sat Aug 25 18:29:07 2018
 Charted by Depth in Feet scaled 1:240

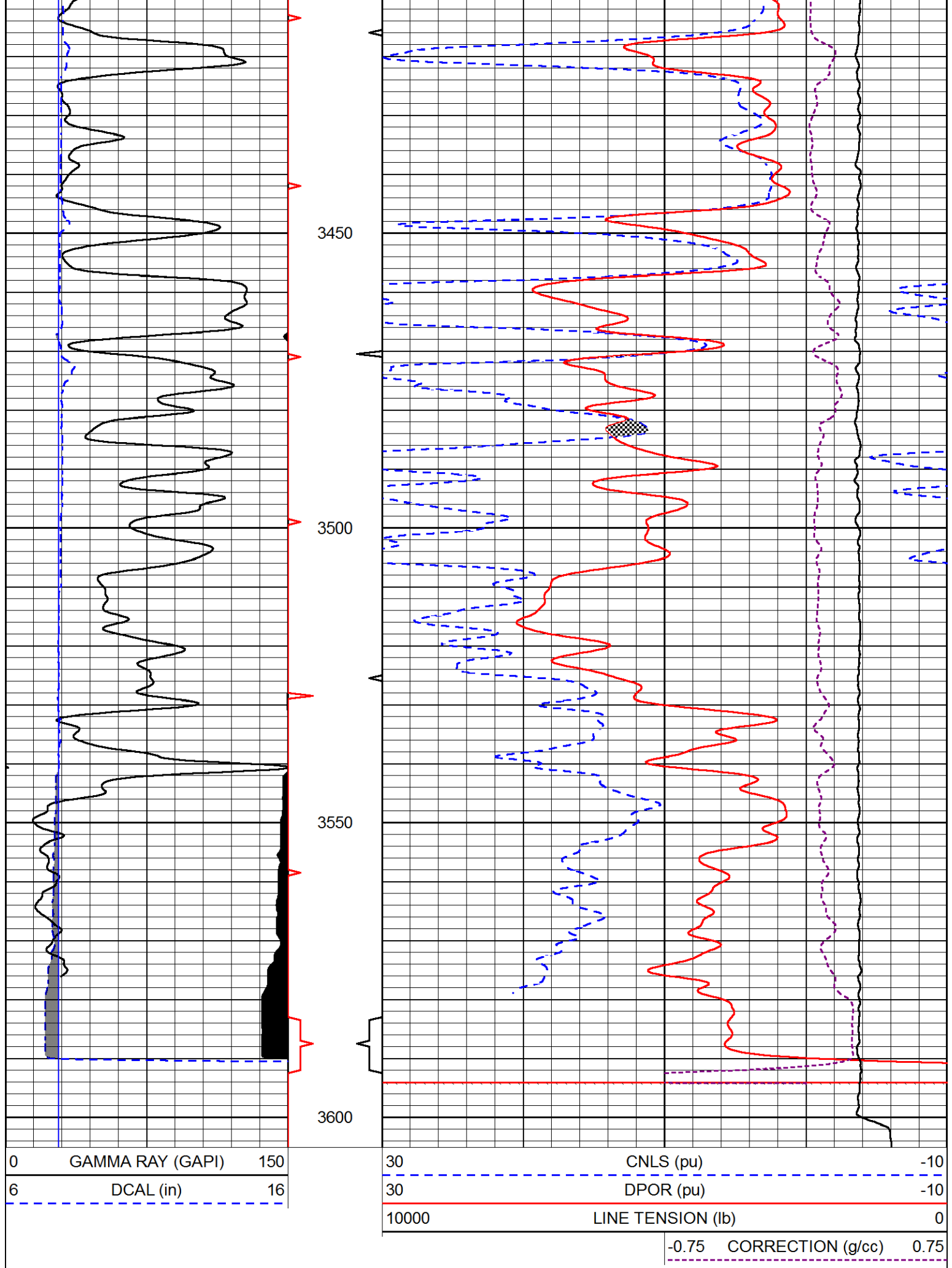












Calibration Report

Database File fossil_energy_lee_1.db
 Dataset Pathname STK/pass4.1
 Dataset Creation Sat Aug 25 18:29:07 2018

Dual Induction Calibration Report

Serial-Model: 967 (HT)-PSI HIGH TEMP
 Calibration Performed: Fri Aug 24 11:15:17 2018

Loop:	Readings		References			Results	
	Air	Loop	Air	Loop		Gain	Offset
Deep	167.000	835.000	0.000	255.800	mmho/m	0.565	-18.000
Medium	0.000	1348.000	142.000	255.800	mmho/m	0.390	-40.000

Compensated Density Calibration Report

Serial-Model: 797-152-M&W
 Source / Verifier: 16955B / 2ci
 Master Calibration Performed: Tue May 01 13:38:28 2018

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.755	g/cc	4933.40	5500.86	cps
Aluminum	2.640	g/cc	928.80	3521.29	cps
Spine Angle = 75.04			Density/Spine Ratio = 0.512		
	Size		Reading		
Small Ring	5.00	in	1.09		
Large Ring	15.00	in	1.03		

Compensated Neutron Calibration Report

Serial Number: 207-MW
 Tool Model: M&W
 Calibration Performed: FRI AUG 24 10:30:30 2018

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: 89
 Tool Model: M&W
 Calibration Performed: Fri Aug 24 11:16:10 2018

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 0.6000 GAPI/cps



Company	FOSSIL ENERGY, LLC
Well	LEE #1
Field	HEIZER
County	BARTON
State	KANSAS