

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
1	in 7.875	degF 110	in 5.5	in 0	g/cc 1	2	g/cc 2.71
NPORSEL	PERFS	SNDERR	SNDERRM	SPSHIFT	SRFTEMP	SZCOR	TDEPTH
Limestone	0	mmho/m 2	mmho/m -4	mV -120	degF -120	Off	ft 0

Sensor	Offset (ft)	Schematic		Description	Length (ft)	O.D. (in)	Weight (lb)
GR	40.58			GR-M&W (233-M&W)	3.00	3.50	50.00
CNLSC	37.48			CNT-M&W (207-MW)	5.50	3.50	100.00
CNSSC	36.73						
LSD	28.43			CDL-M&W (96-916)	8.50	4.00	250.00
	28.42						
	27.93						
MCAL	19.83			ML-PSIML (PSI-01)	7.58	4.00	65.00
	19.83			GO Micro log tools converted to Simplec electronics			
	19.83						
RLL3F	15.80						
RLL3	15.80						
CILD	8.00			DIL-PSI HIGH TEMP (1039)	18.50	3.50	220.00

CILM

4.70

SP

0.20

Dataset: fossil_energy_patriot_1.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 fossil_energy_patriot_1.db
Dataset Pathname stackmel/pass3.1
Presentation Format _cdl
Dataset Creation Mon Aug 12 03:15:54 2019
Charted by Depth in Feet scaled 1:600

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

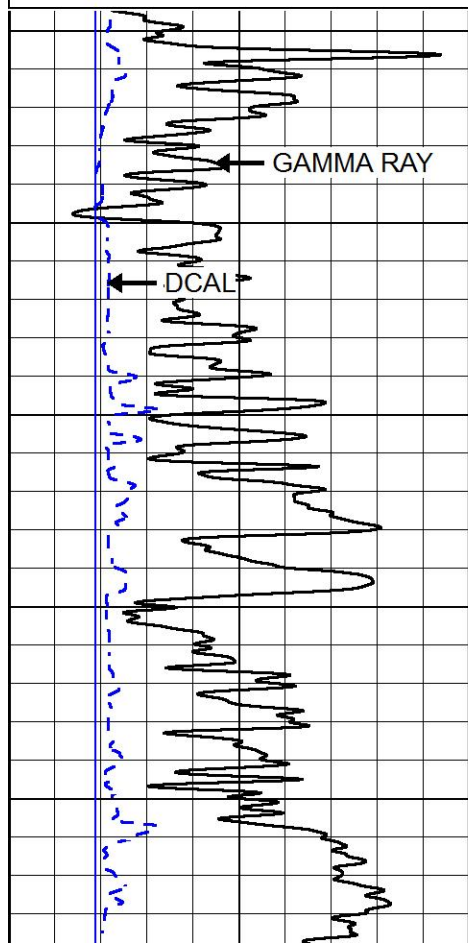
COMPENSATED DENSITY
(2.71 MA)

30 (pu) -10

2 BULK DENSITY (g/cc) 3

15000 LINE TENSION (lb) 0

-0.25 CORRECTION (g/cc) 0.25



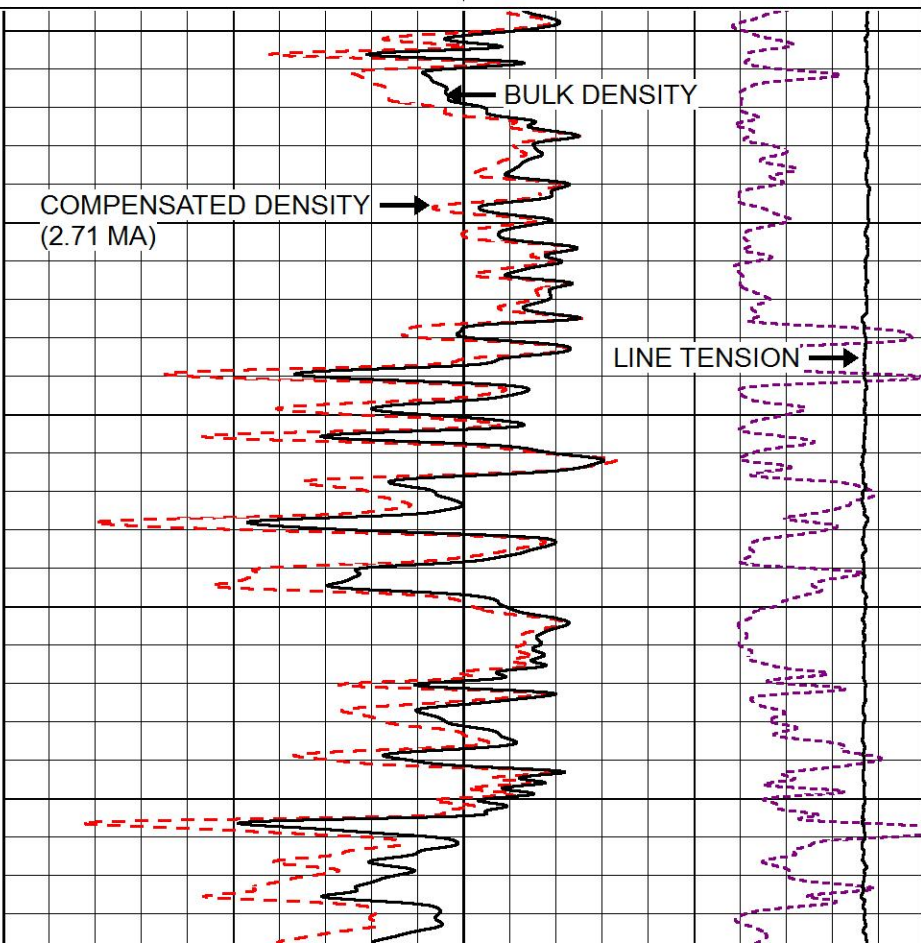
2200

2250

2300

2350

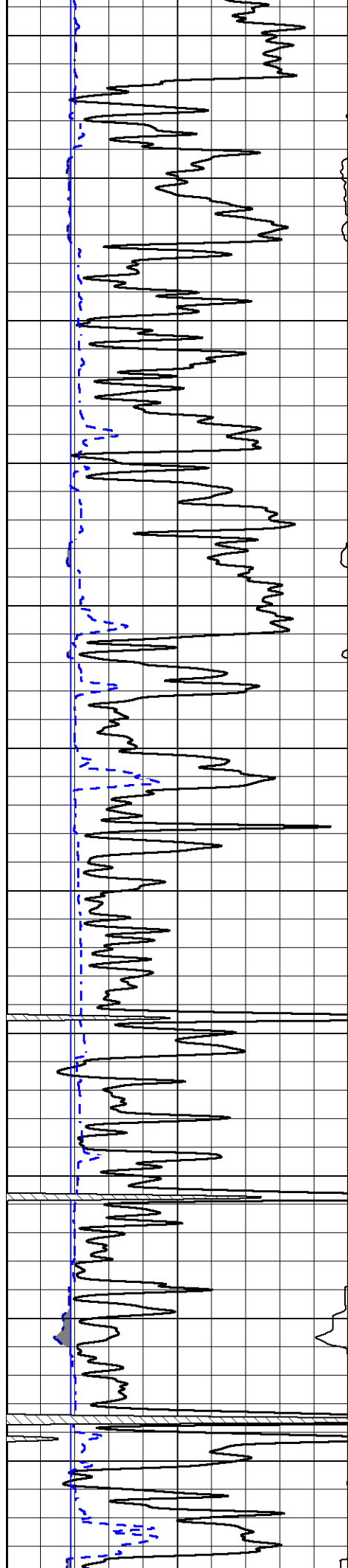
2400



BULK DENSITY

COMPENSATED DENSITY
(2.71 MA)

LINE TENSION



2450

2500

2550

2600

2650

2700

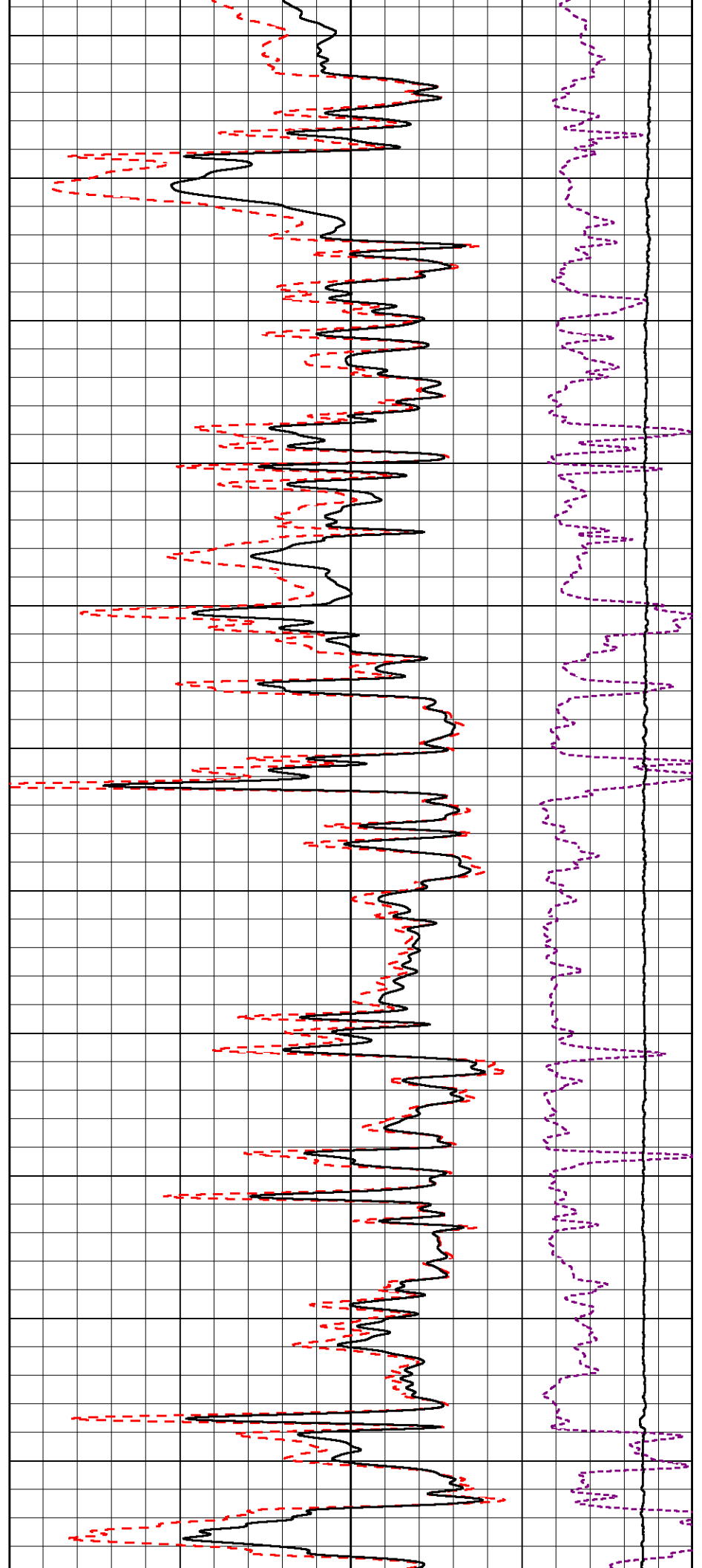
2750

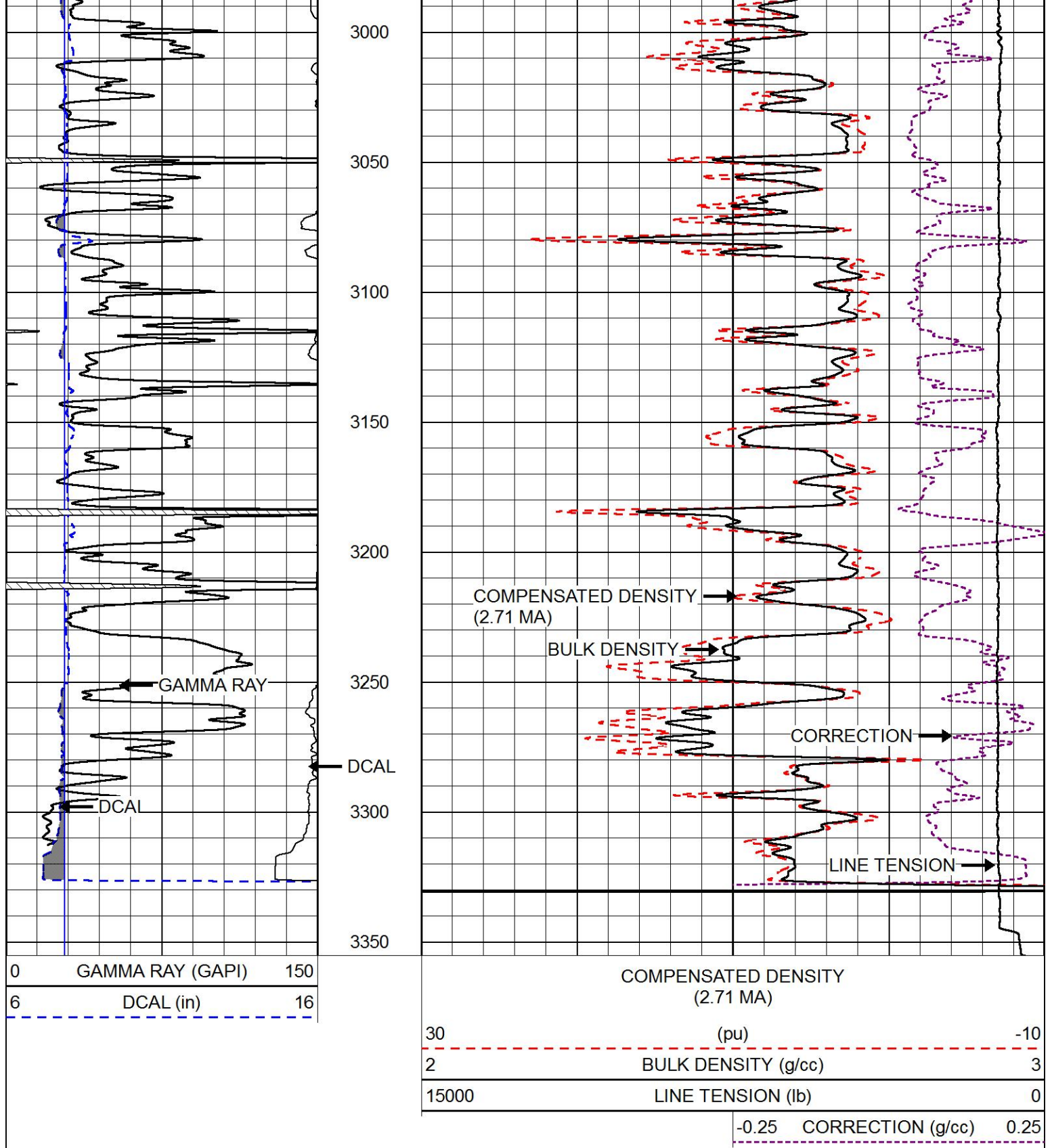
2800

2850

2900

2950



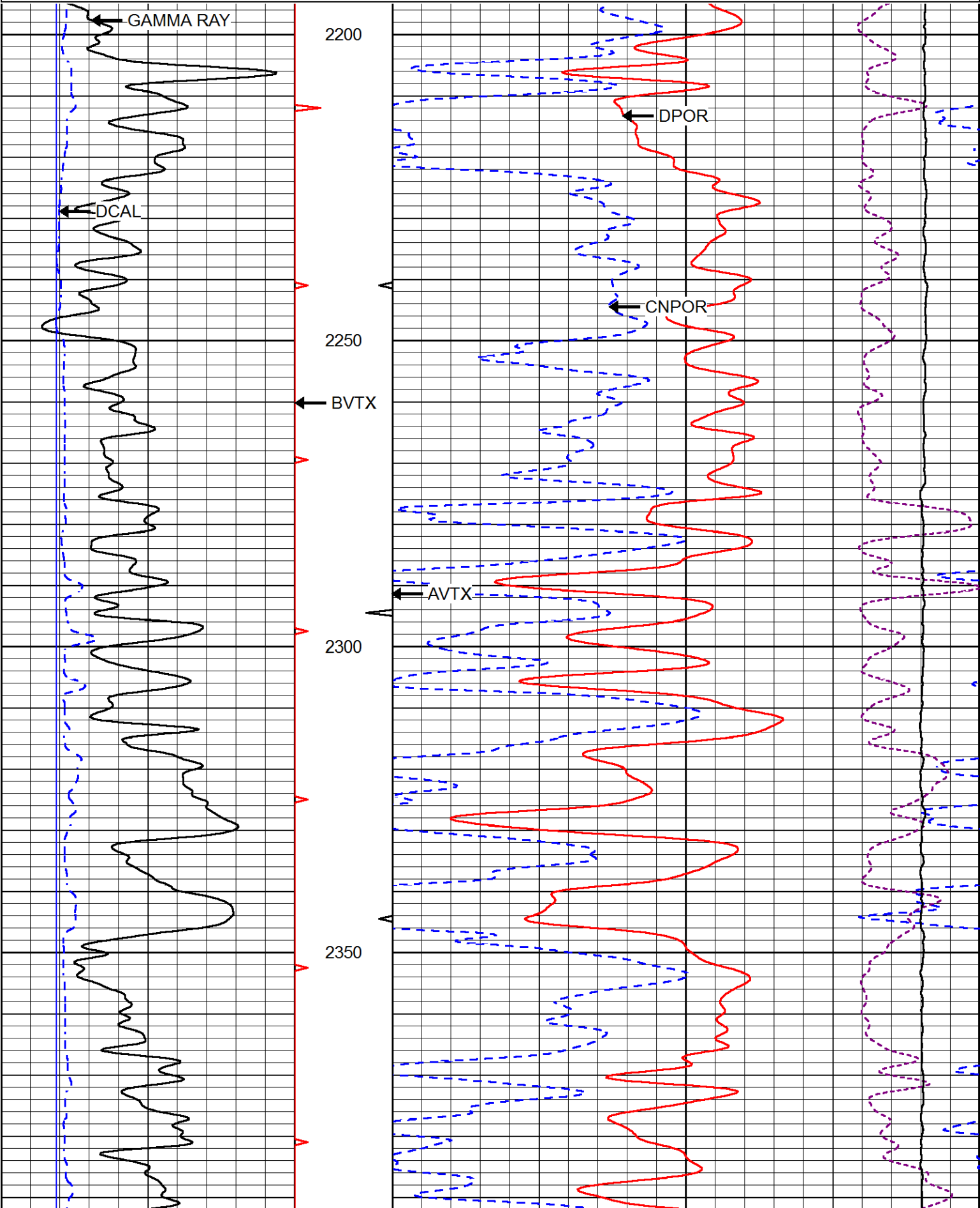


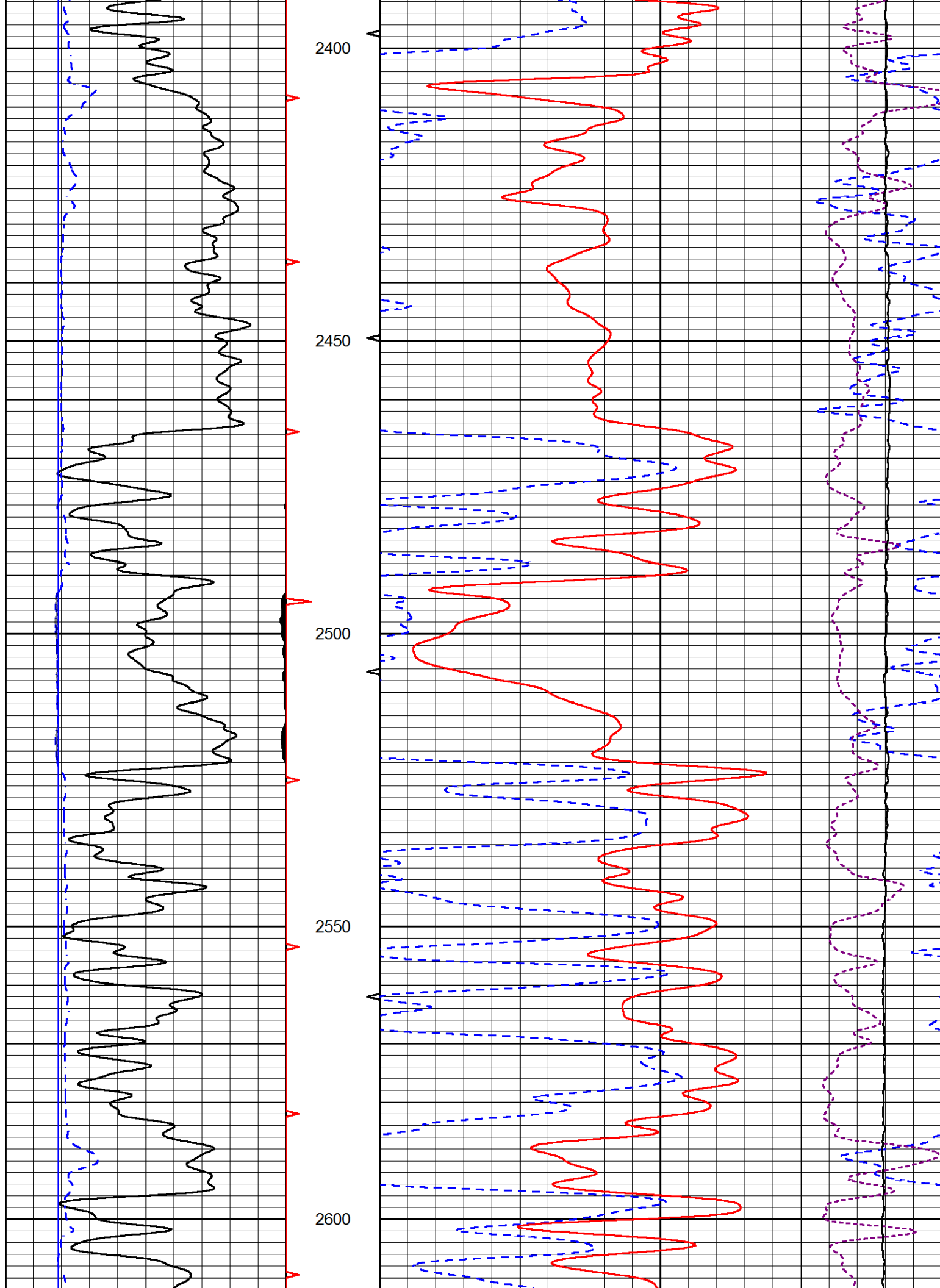
MAIN PASS

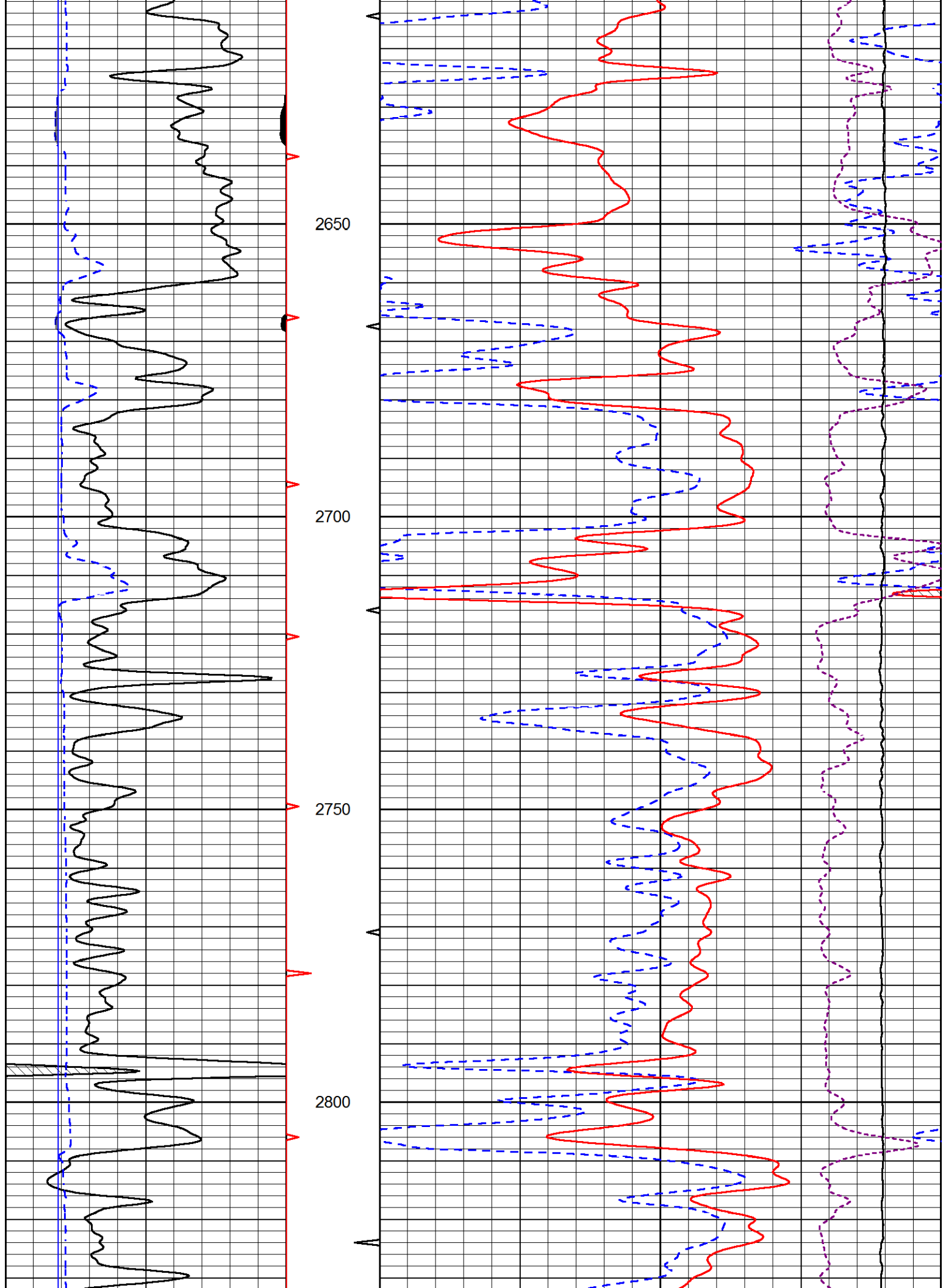
Database File fossil_energy_patriot_1.db
Dataset Pathname stackmel/pass3.1
Presentation Format _CNDLS~1
Dataset Creation Mon Aug 12 03:15:54 2019
Charted by Depth in Feet scaled 1:240

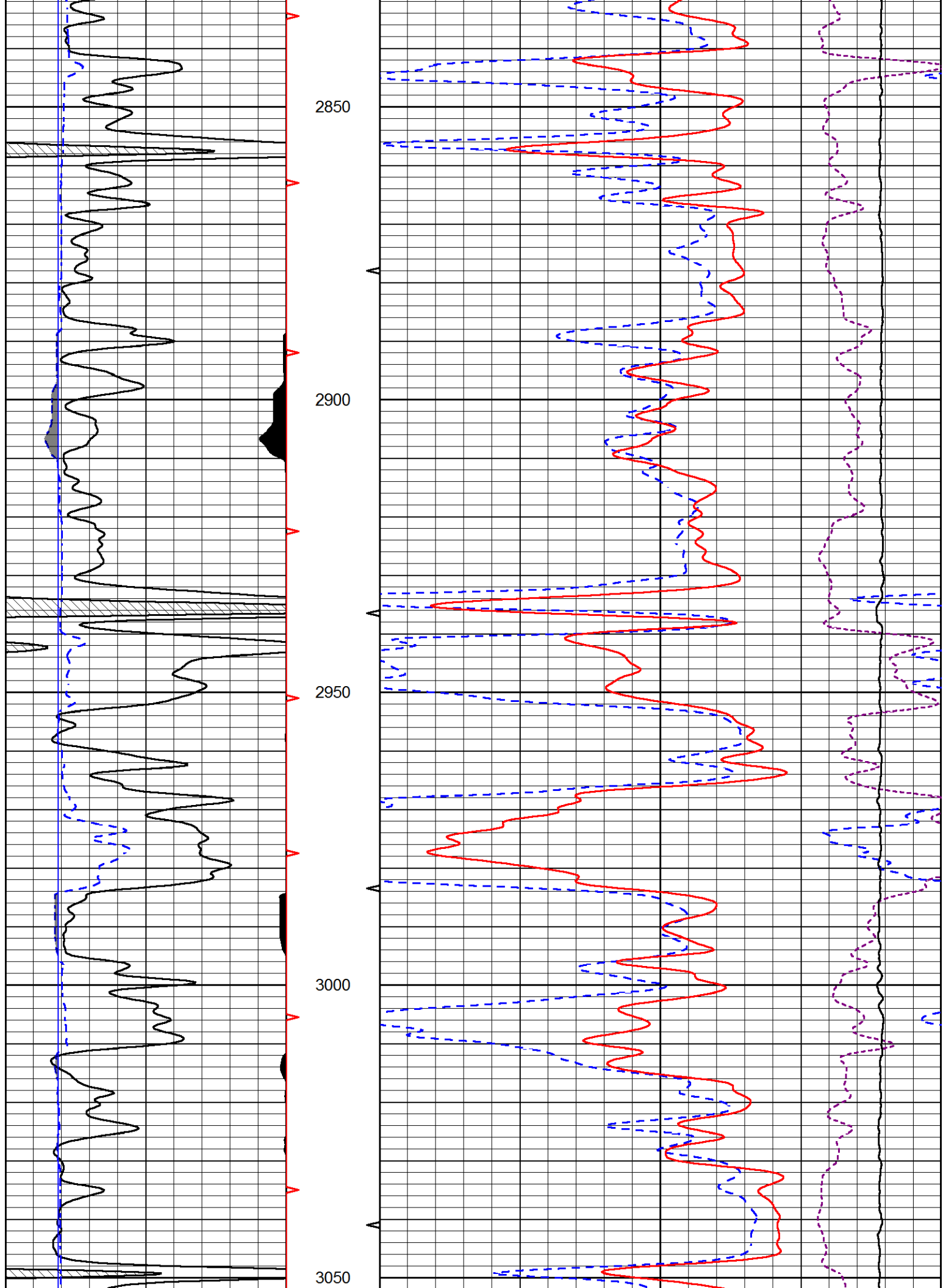
0	GAMMA RAY (GAPI)	150
6	DCAL (in)	16

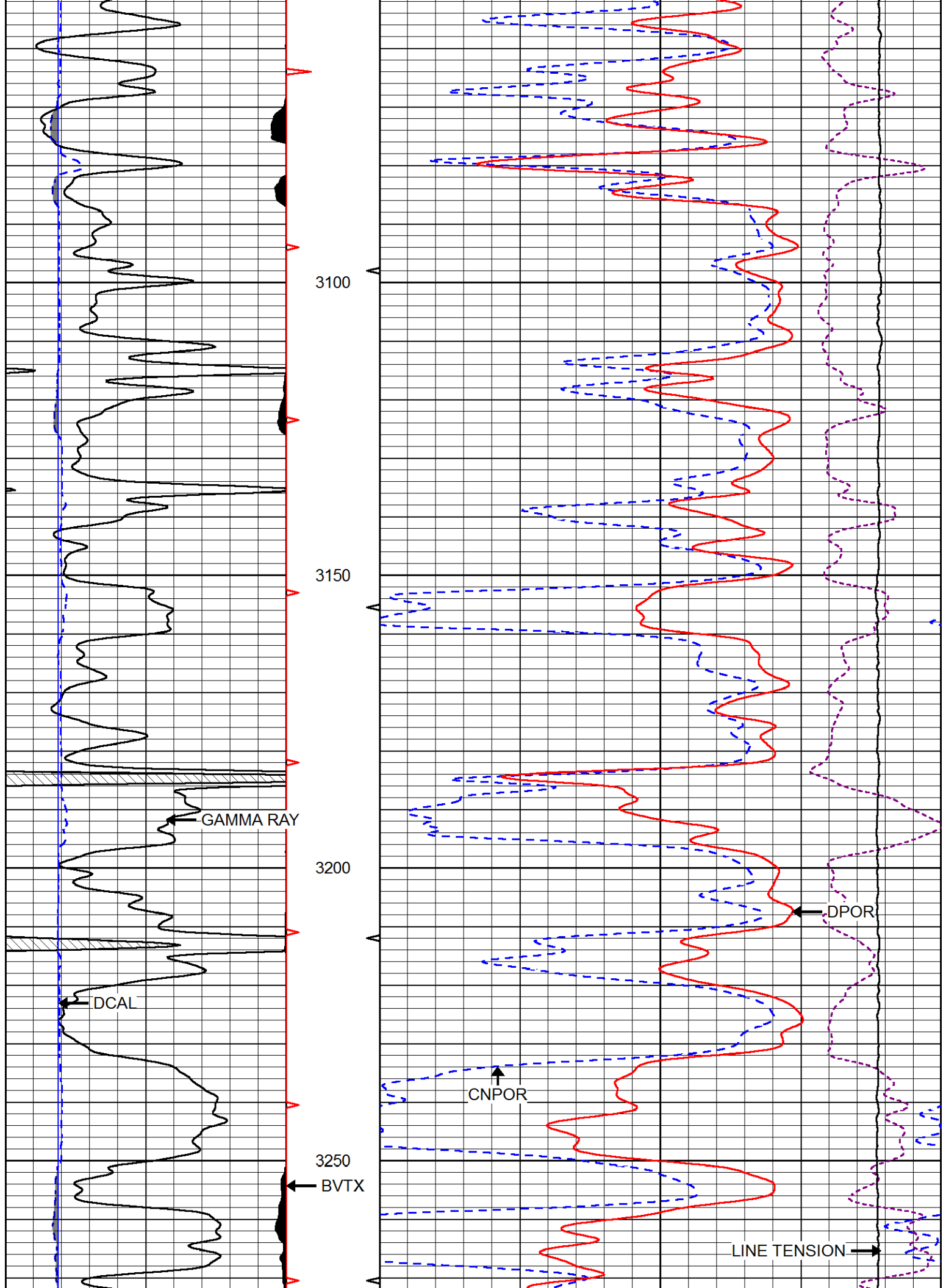
30	CNPOR (pu)	-10
30	DPOR (pu)	-10
10000	LINE TENSION (lb)	0
	-0.25 CORRECTION (g/cc)	0.25

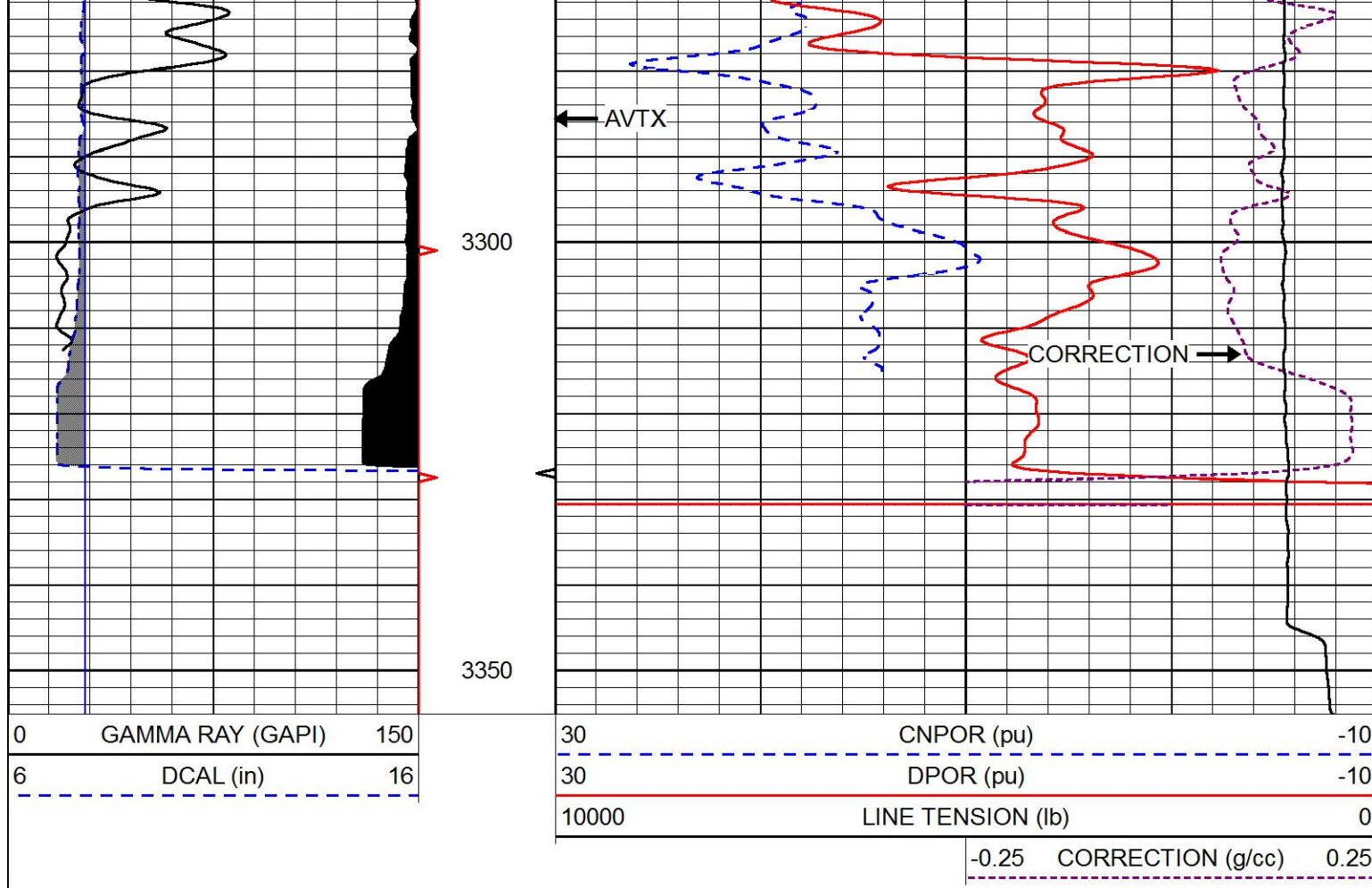






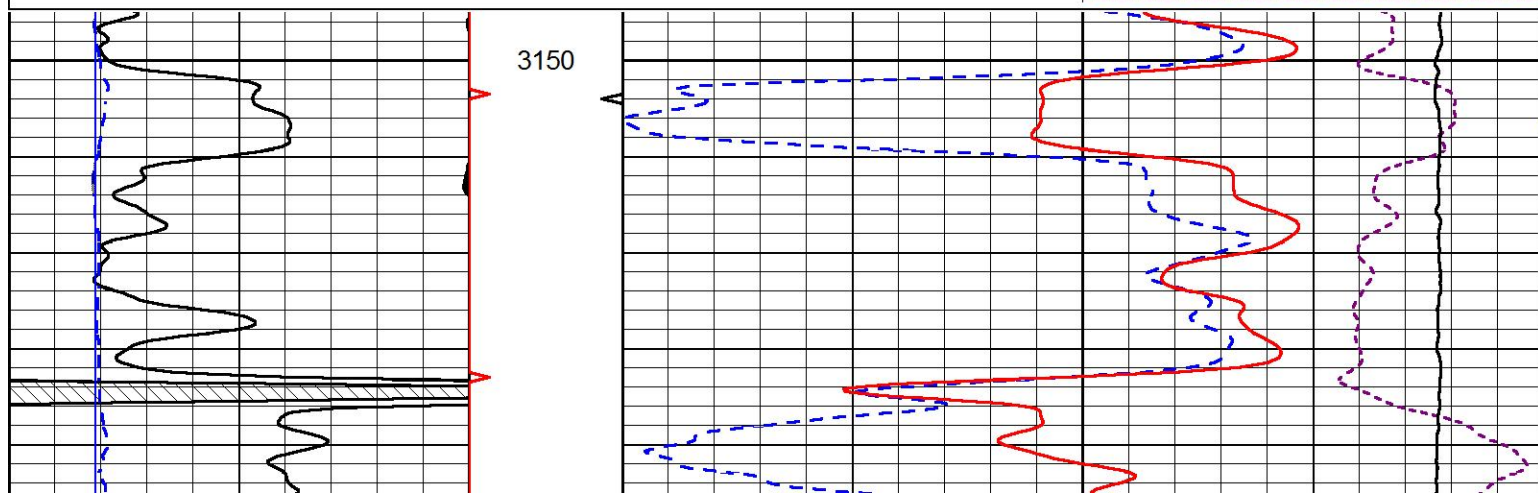
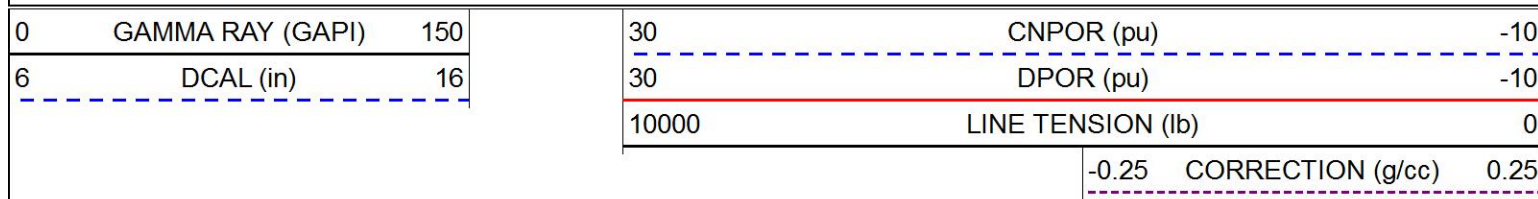


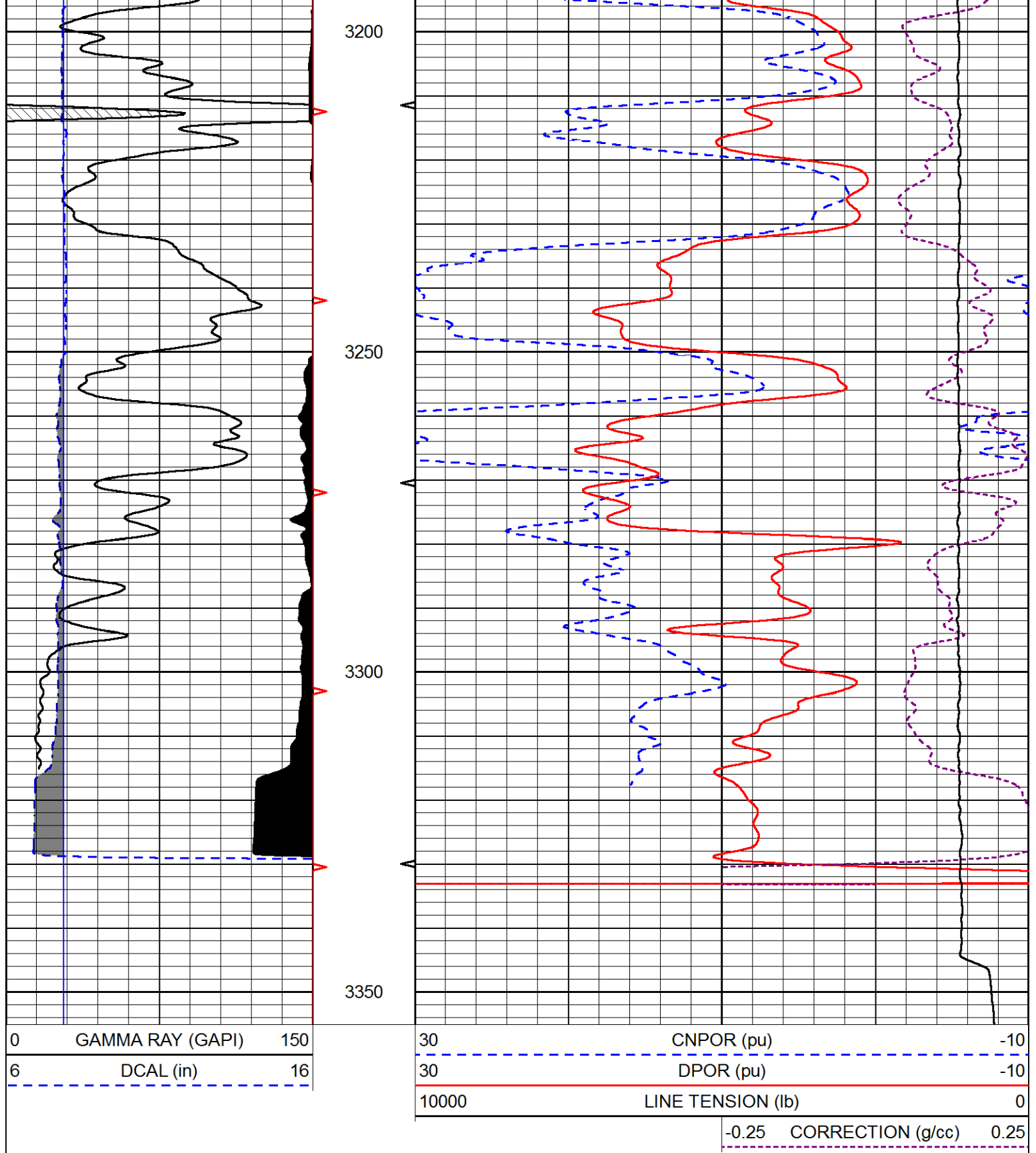




REPEAT SECTION

Database File: fossil_energy_patriot_1.db
 Dataset Pathname: stackmel/pass2.1
 Presentation Format: _CNDLS~1
 Dataset Creation: Mon Aug 12 03:17:38 2019
 Charted by: Depth in Feet scaled 1:240





Calibration Report

Database File fossil_energy_patriot_1.db
Dataset Pathname stackmel/pass3.1
Dataset Creation Mon Aug 12 03:15:54 2019

Dual Induction Calibration Report

Serial-Model:
Calibration Performed:

1039-PSI HIGH TEMP
Tue Jul 09 07:46:05 2019

Loop:	Readings		References			Results	
	Air	Loop	Air	Loop		Gain	Offset
Deep	167.000	835.000	0.000	255.800	mmho/m	0.430	-51.000
Medium	0.000	1348.000	142.000	255.800	mmho/m	0.365	-49.000

Microlog Calibration Report

Serial-Model: Performed:	PSI-01-PSIML Thu Aug 01 07:57:13 2019
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	Readings		References			Results	
	Zero	Cal	Zero	Cal		m	b
Normal	0.0000	1.0000	0.0000	1.0000	Ohm-m	18000.0000	-0.7000
Inverse	0.0000	1.0000	0.0000	1.0000	Ohm-m	18000.0000	-0.6000
Caliper	1.0001	1.1397	6.5000	18.5000	in	70.0000	-64.2000

Compensated Density Calibration Report

Serial-Model: Source / Verifier: Master Calibration Performed:	96-916-M&W 16955B / 2ci Wed Mar 27 11:00:53 2019
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Master Calibration							
	Density			Far Detector		Near Detector	
Magnesium	1.755	g/cc		8943.64		10054.60	cps
Aluminum	2.655	g/cc		1595.61		6242.82	cps
Spine Angle = 74.54				Density/Spine Ratio = 0.503			
	Size			Reading			
Small Ring	6.00	in		1.75			
Large Ring	16.00	in		1.46			

Compensated Neutron Calibration Report

Serial Number: Tool Model: Calibration Performed:	207-MW M&W WED FEB 13 10:30:30 2019
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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:	233-M&W	
Tool Model:	M&W	
Calibration Performed:	Fri Feb 07 01:42:40 2014	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps



PIONEER

Pioneer Energy Services

Company	FOSSIL ENERGY, LLC
Well	PATRIOT #1
Field	FAIRPORT
County	RUSSELL
State	KANSAS