



PIONEER

Pioneer Energy Services

DUAL COMP POROSITY LOG

Company BRITO OIL COMPANY, INC.

Well TAYLOR #33-1

Field WILDCAT

County SHERMAN State KANSAS

Location: API #: 15-181-20633-00-00

1690' FSL & 1208' FEL

SEC 33 TWP 6S RGE 37W

DIL/MEL

Permanent Datum GROUND LEVEL Elevation 3457'

Log Measured From KELLY BUSHING

Elevation
K.B. 3462'
D.F. N/A
G.L. 3457'

Drilling Measured From KELLY BUSHING

G.L. 3457'

Elevation
K.B. 3462'
D.F. N/A
G.L. 3457'

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

BREWSTER, KS.
9 MILES NORTH TO RD X,
4 MILES WEST, NORHT INTO 1MILE

Log Measured From: KELLY BUSHING 5 Ft. Above Permanent Datum

THANK YOU FOR USING PIONEER ENERGY SERVICES
www.pioneerres.com 785-625-3858

Your Pioneer Energy Services Crew

Engineer: IAN MABB
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: BRAD RINE
Secondary Witness:
Secondary Witness:
Secondary Witness:

Log Variables

DatabaseC:\ProgramData\Warrior\Data\brito_taylor_33_1.db
Dataset field/well/stackmel/pass3.1/_vars_

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
1	in 7.875	degF 127	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 0	mmho/m 4	mV 358	degF 0	Off	ft 5104

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	44.50		GR-M&W (89-M&W)	3.00	3.50	50.00
CNLSC	41.40		CNT-M&W (tk10-MW)	5.50	3.50	100.00
CNSSC	40.65					
LSD	32.35		CDL-M&W (934-229)	8.50	4.00	250.00
DCAL	32.33					
SSD	31.85					
ML-PSI UDM ML (UDM-01)			Stackable Microlog Tools	11.50	4.00	215.00
MCAL	20.87					
MI	20.87					
MN	20.87					
RLL3	15.80					
RLL3F	15.79					
CILD	8.00		DIL-M&W (55-222)	18.50	3.50	220.00

CILM 4.70

SP 0.20

Dataset: brito_taylor_33_1.db: field/well/stackmel/pass3.1
Total length: 47.00 ft
Total weight: 835.00 lb
O.D.: 4.00 in

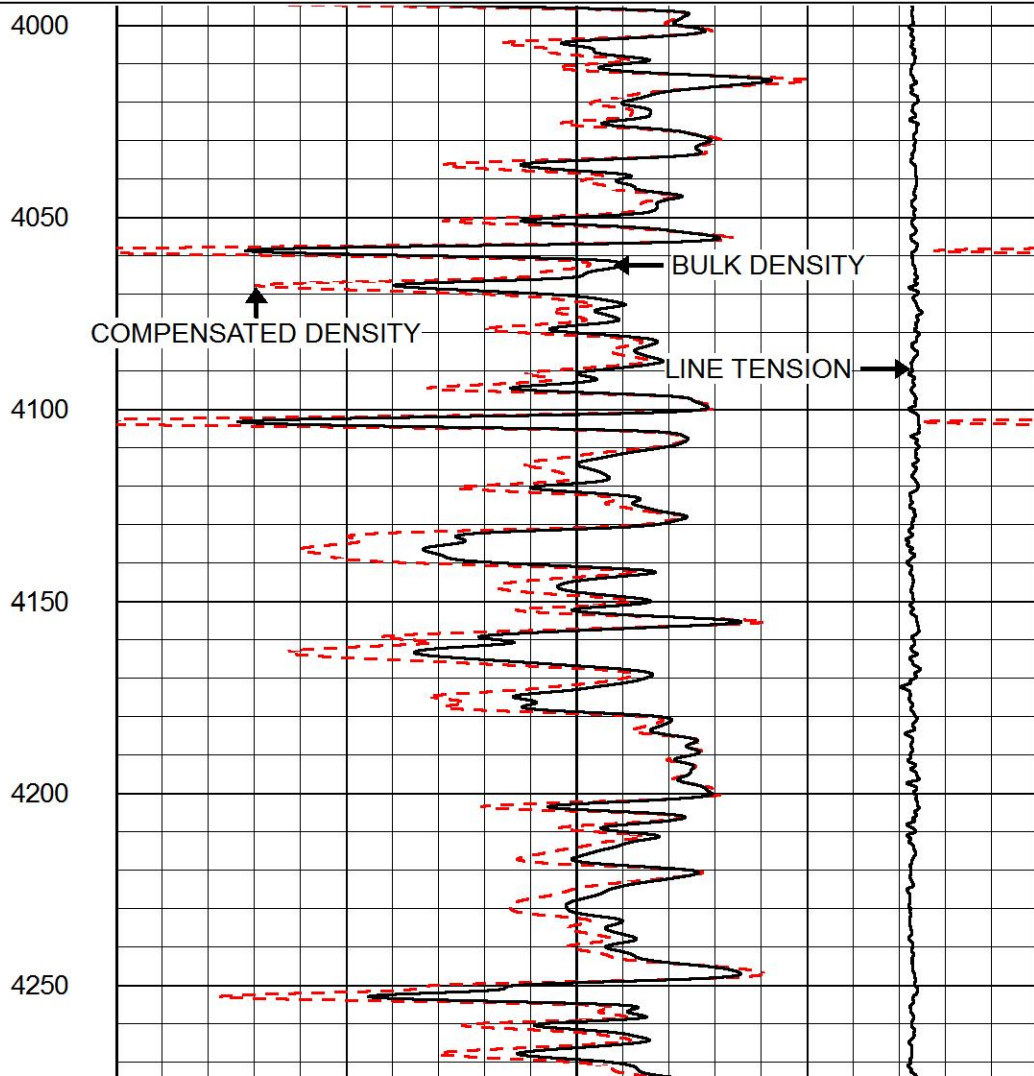
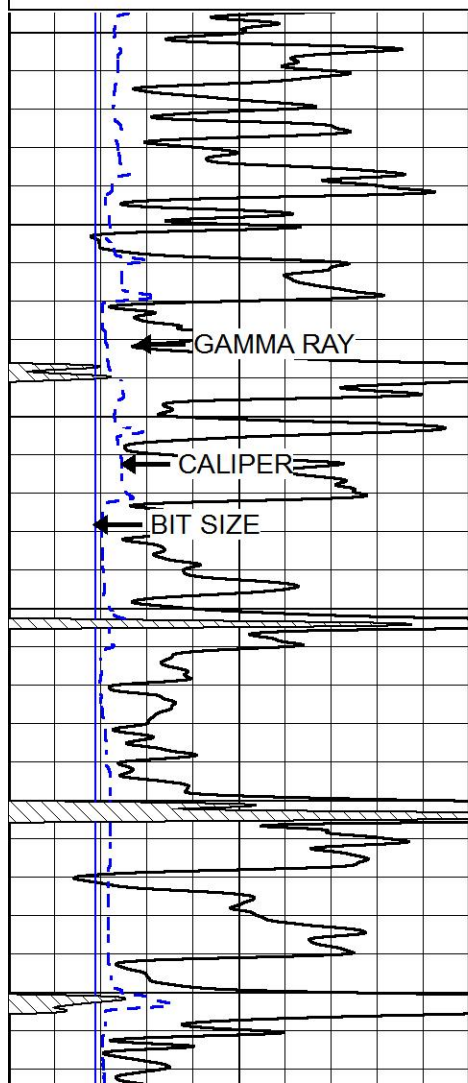


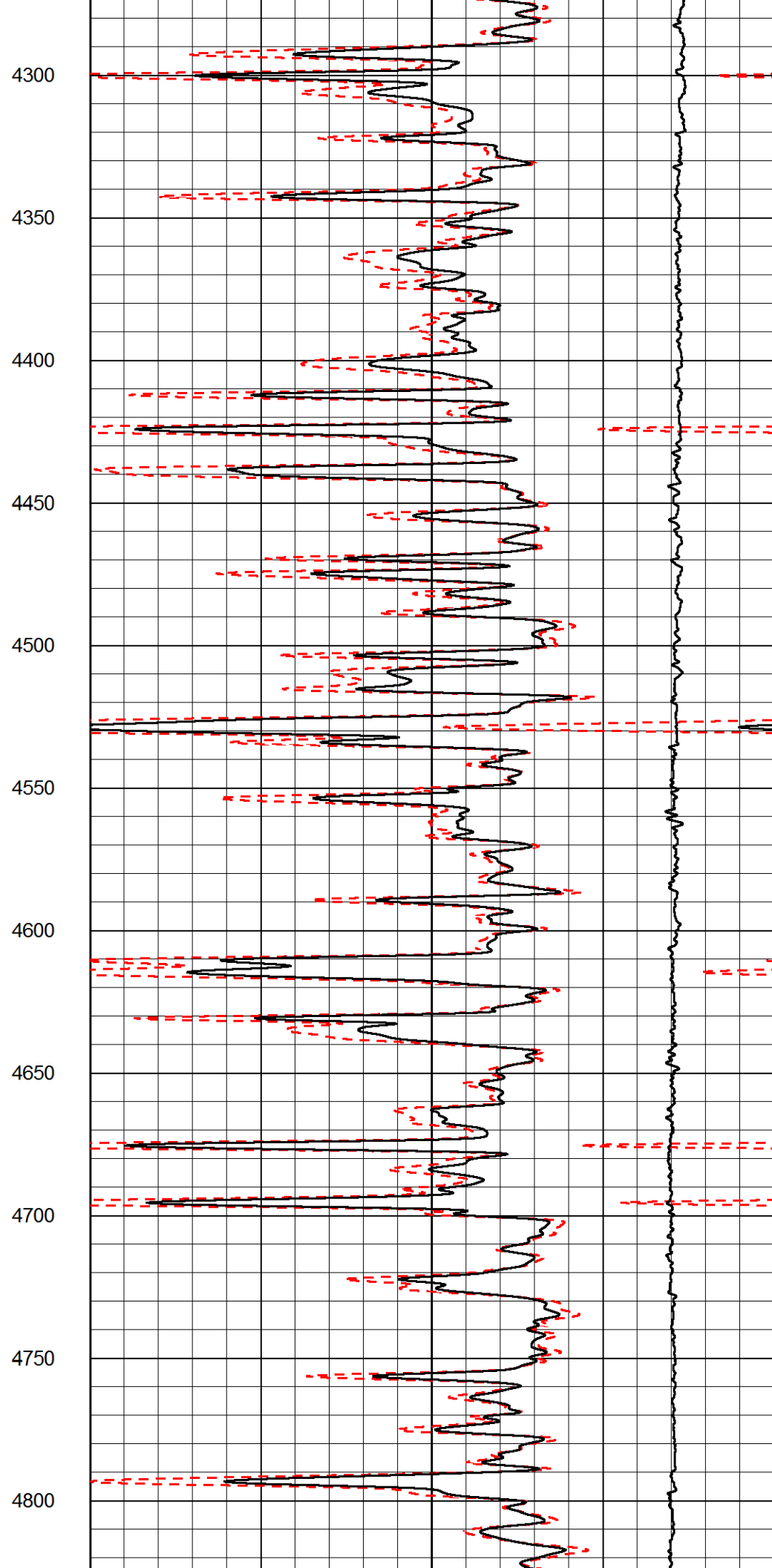
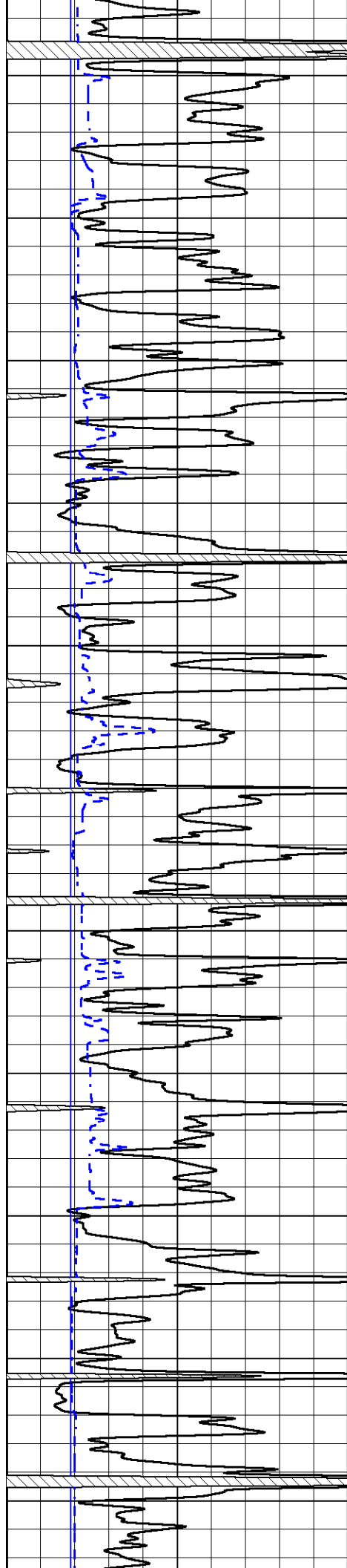
MAIN PASS

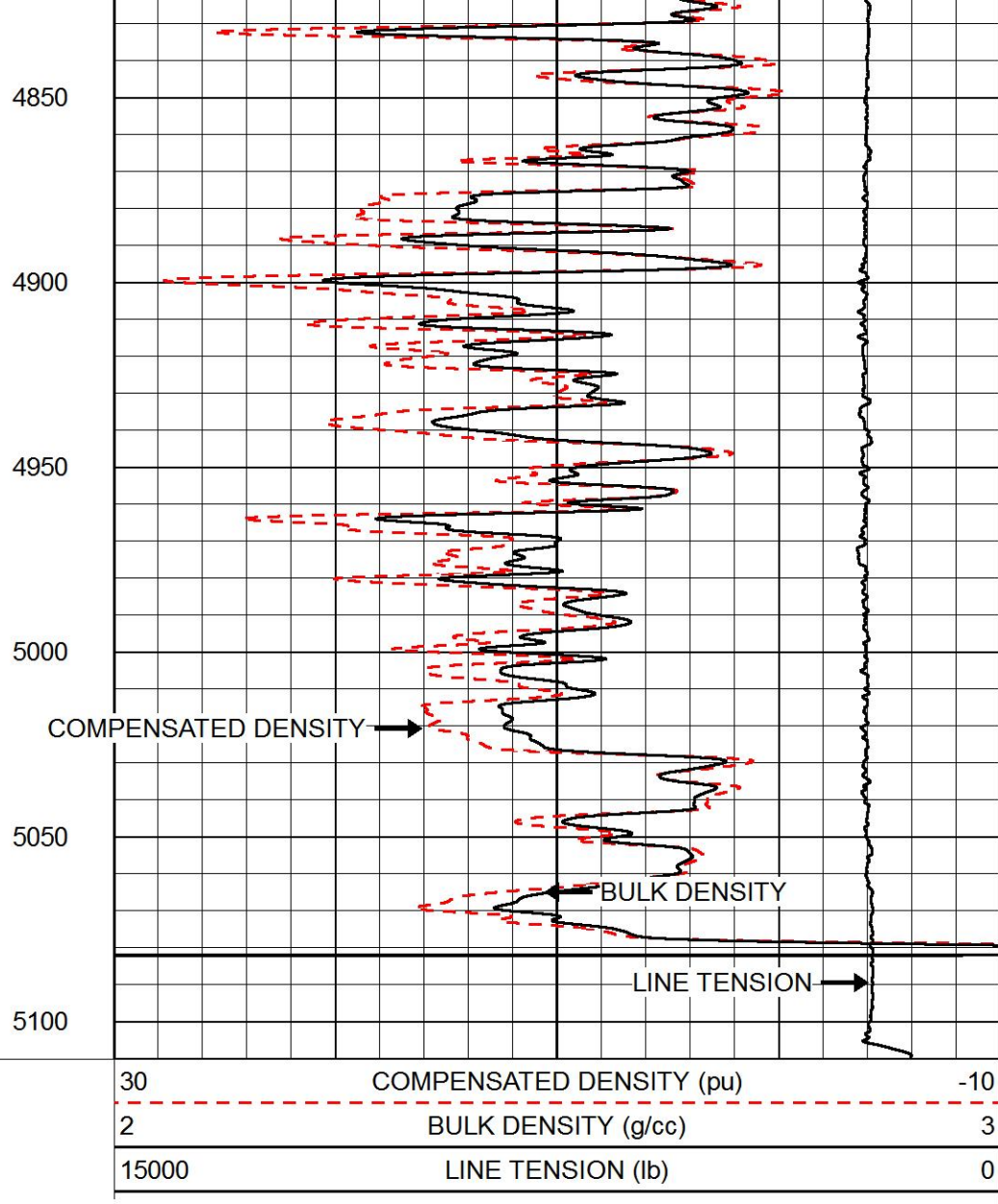
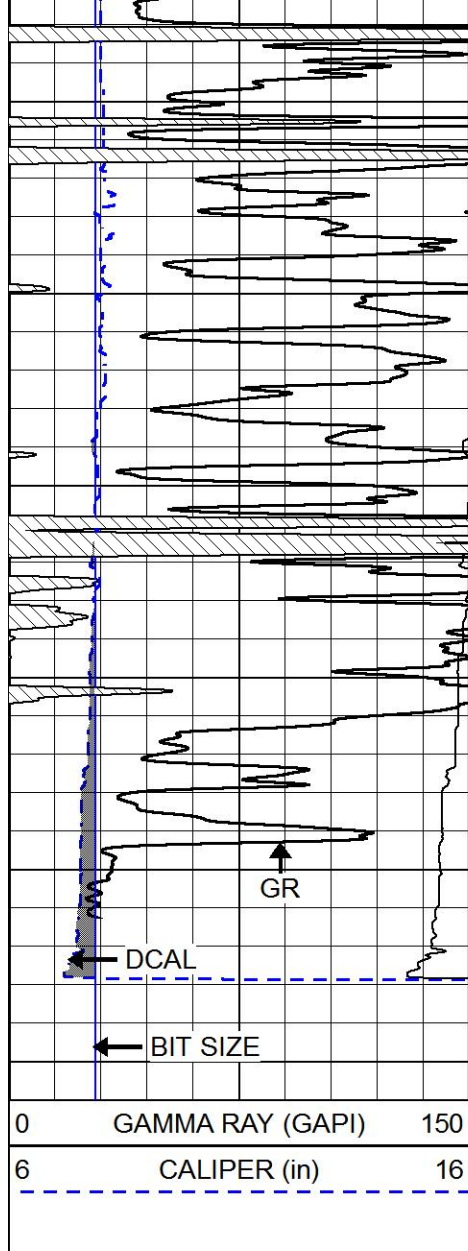
Database File brito_taylor_33_1.db
Dataset Pathname stackmel/pass3.1
Presentation Format cdl
Dataset Creation Fri Feb 14 17:28:05 2020
Charted by Depth in Feet scaled 1:600

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

30	COMPENSATED DENSITY (pu)	-10
2	BULK DENSITY (g/cc)	3
15000	LINE TENSION (lb)	0

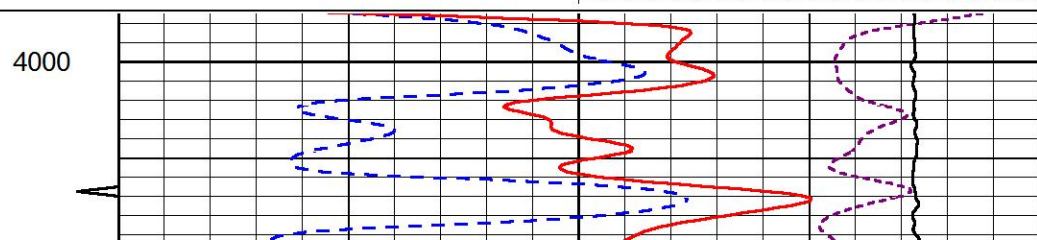
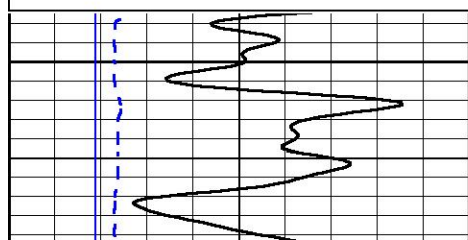
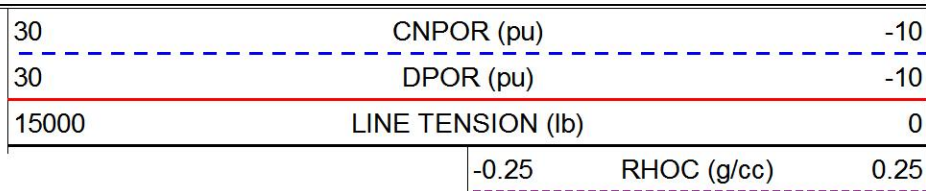
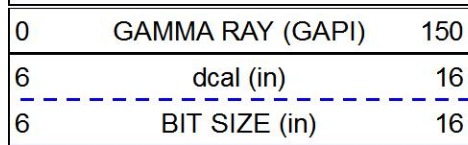


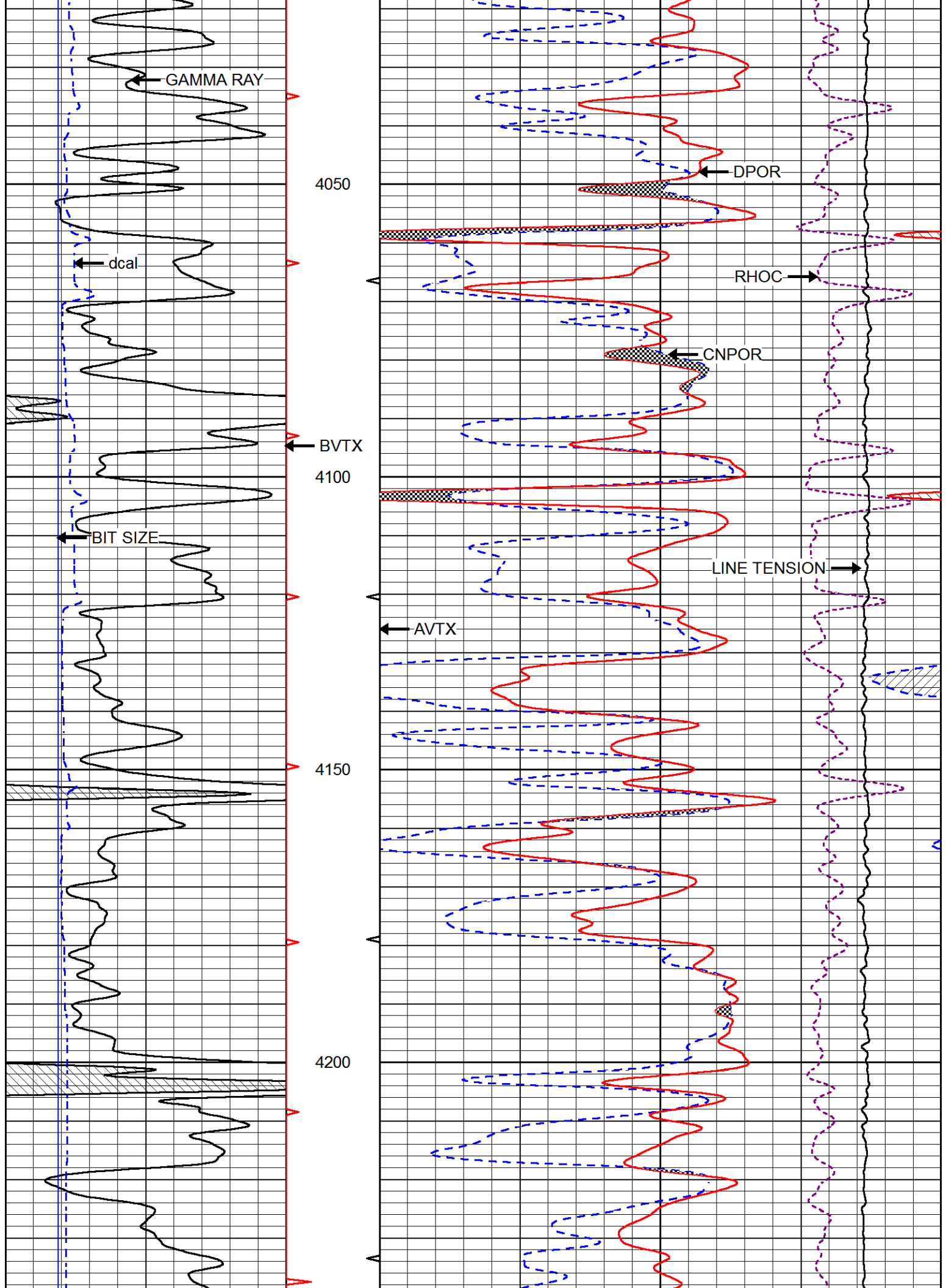


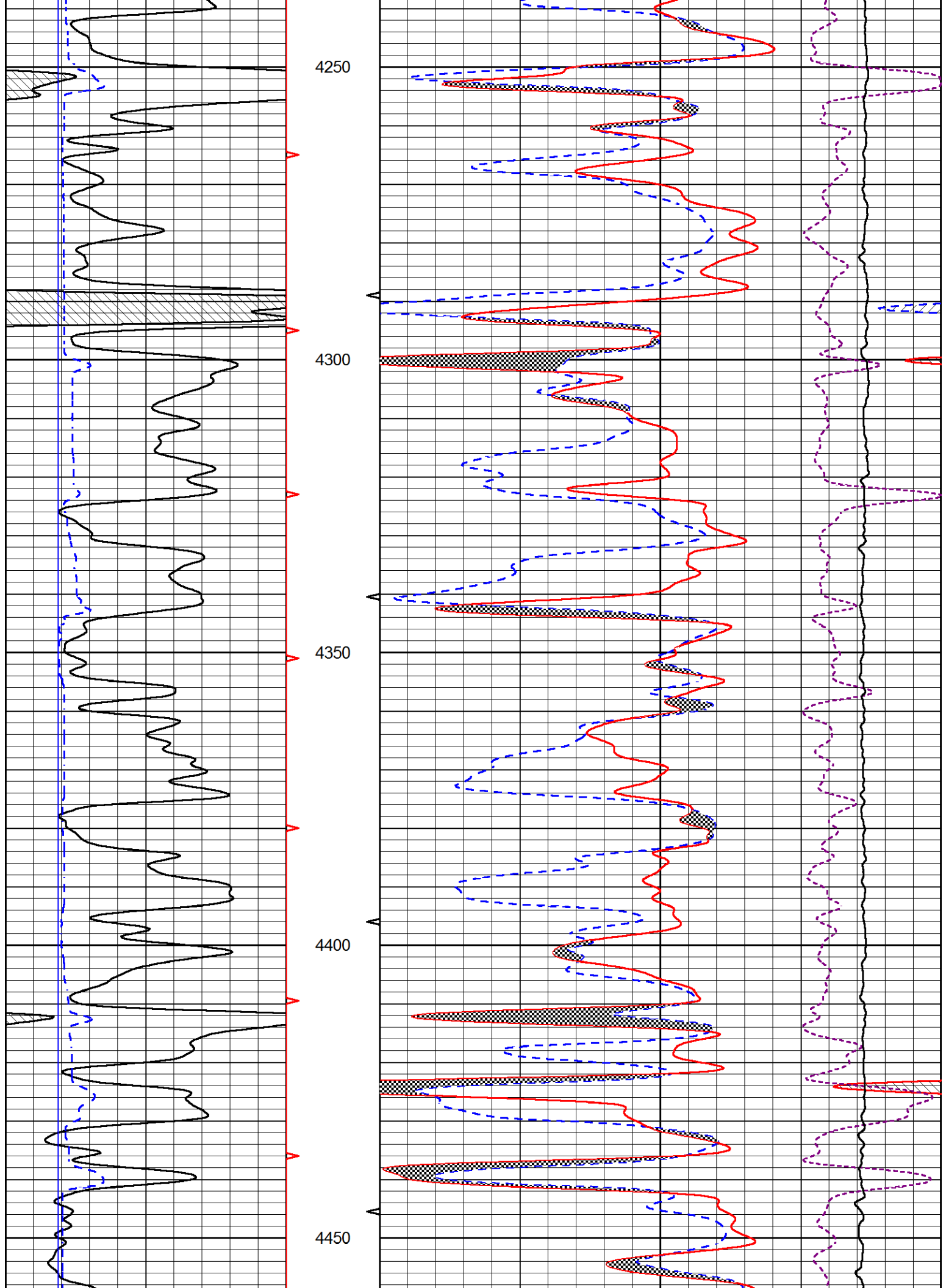


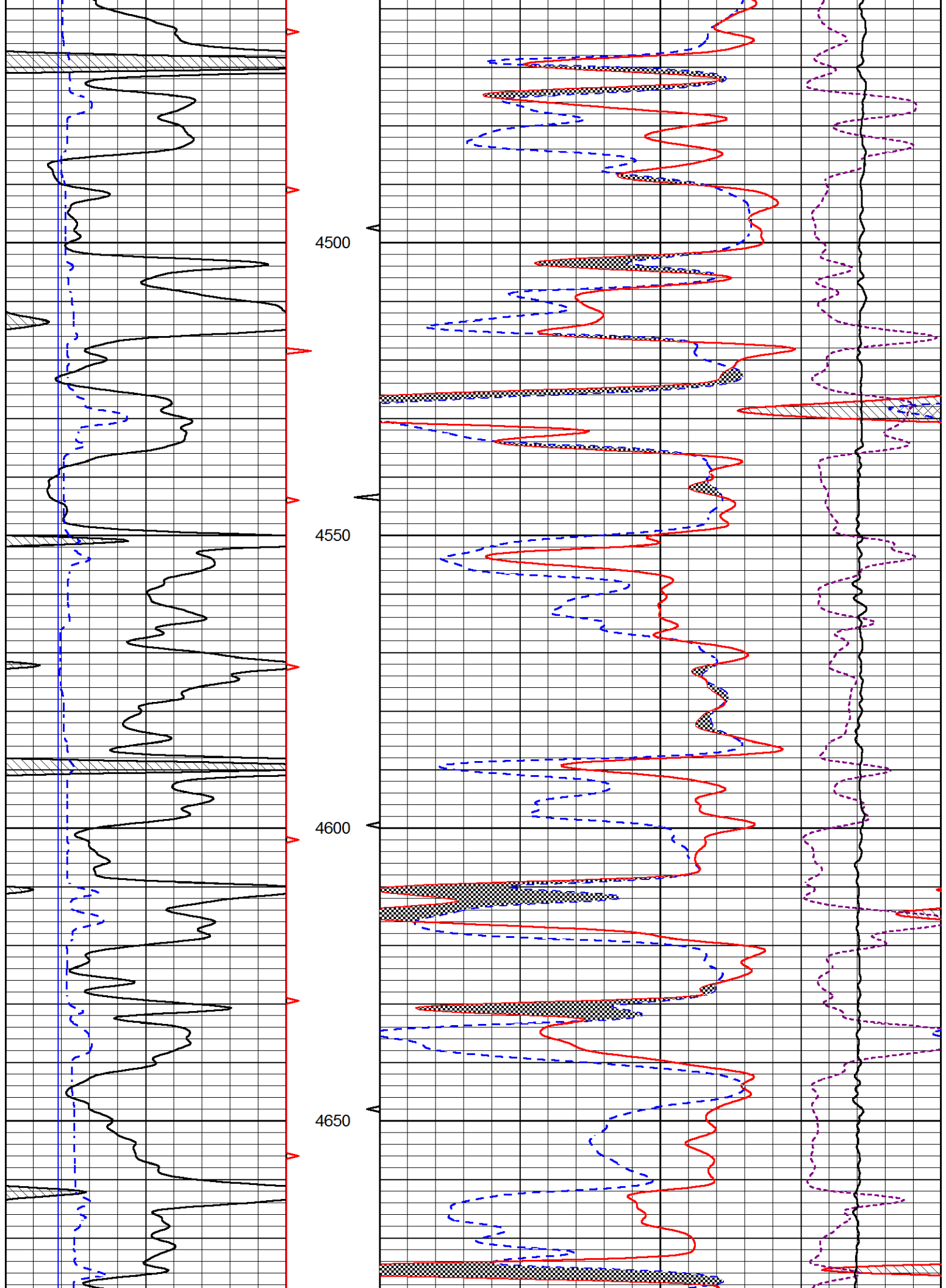
MAIN PASS

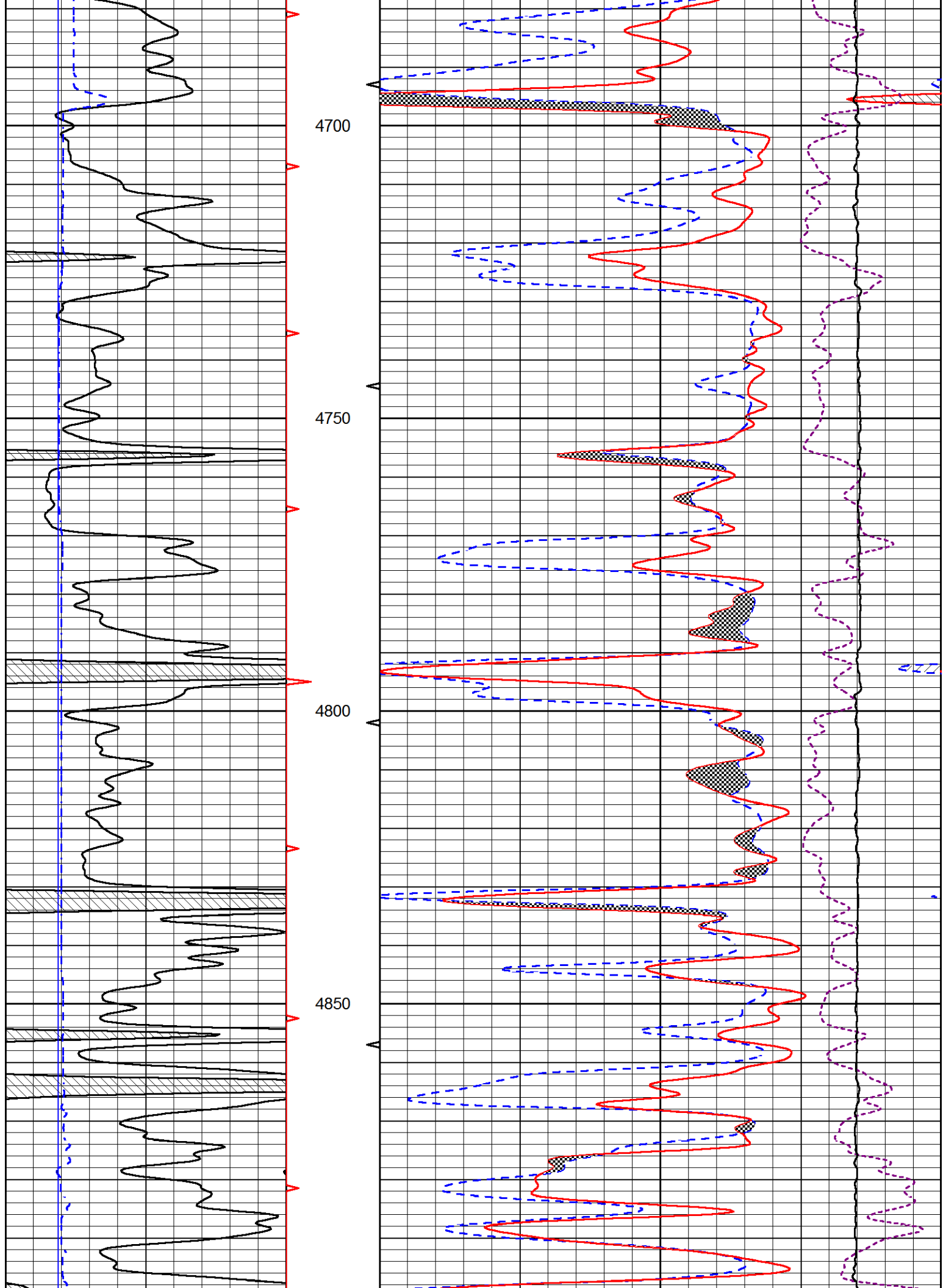
Database File brito_taylor_33_1.db
Dataset Pathname stackmel/pass3.1
Presentation Format cndlspec
Dataset Creation Fri Feb 14 17:28:05 2020
Charted by Depth in Feet scaled 1:240

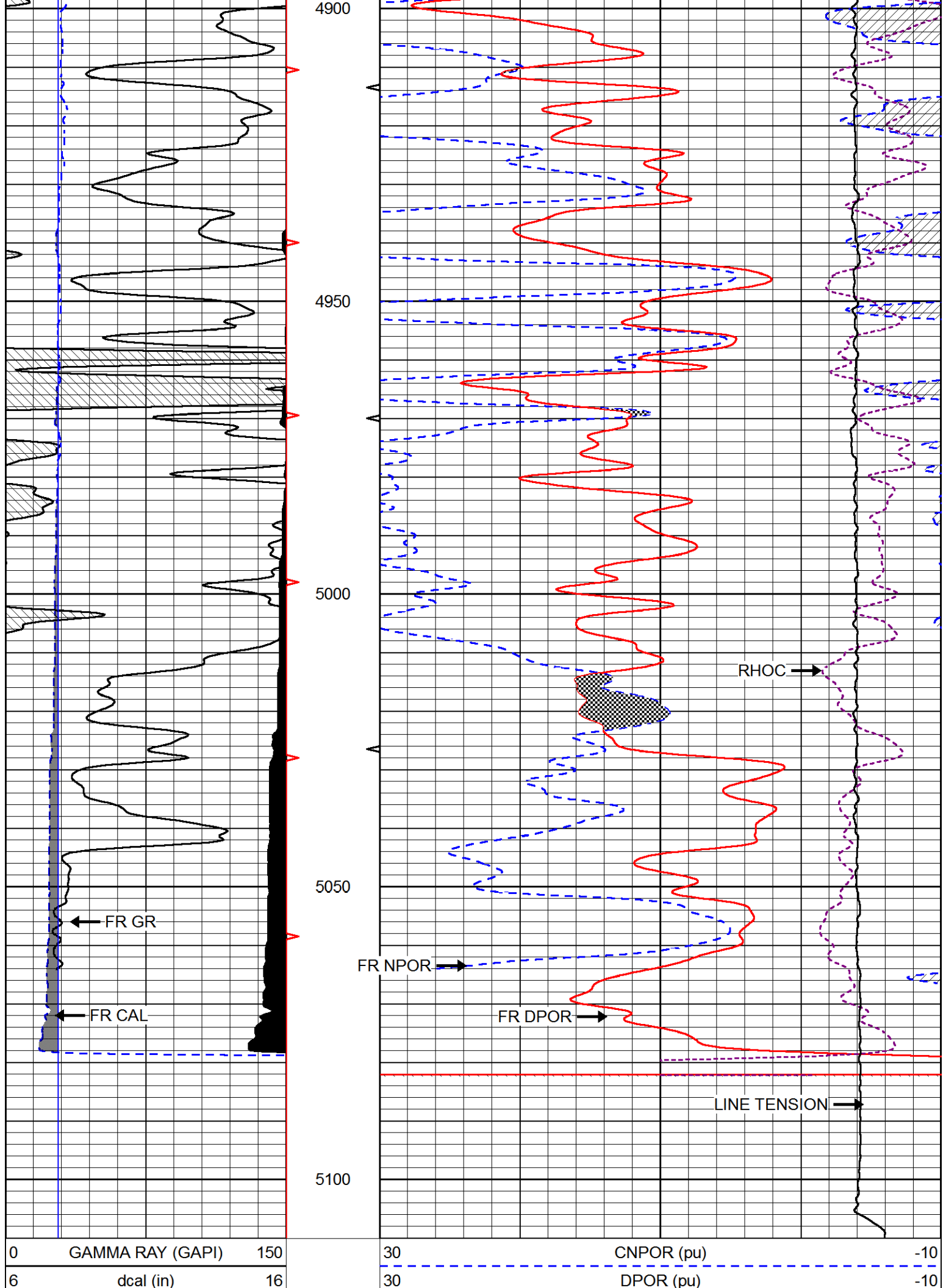












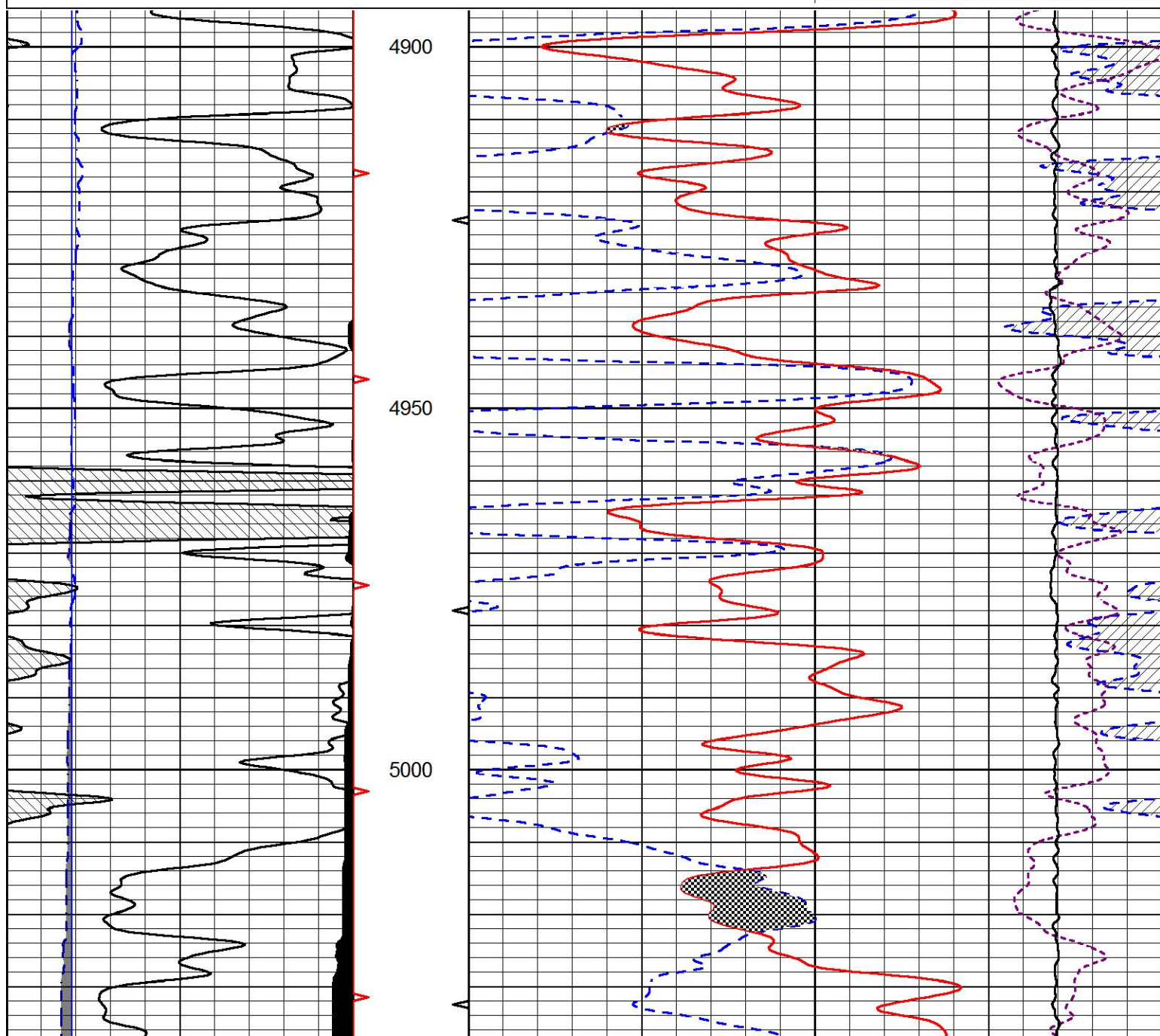
6	BIT SIZE (in)	16	15000	LINE TENSION (lb)	0
			-0.25	RHOC (g/cc)	0.25

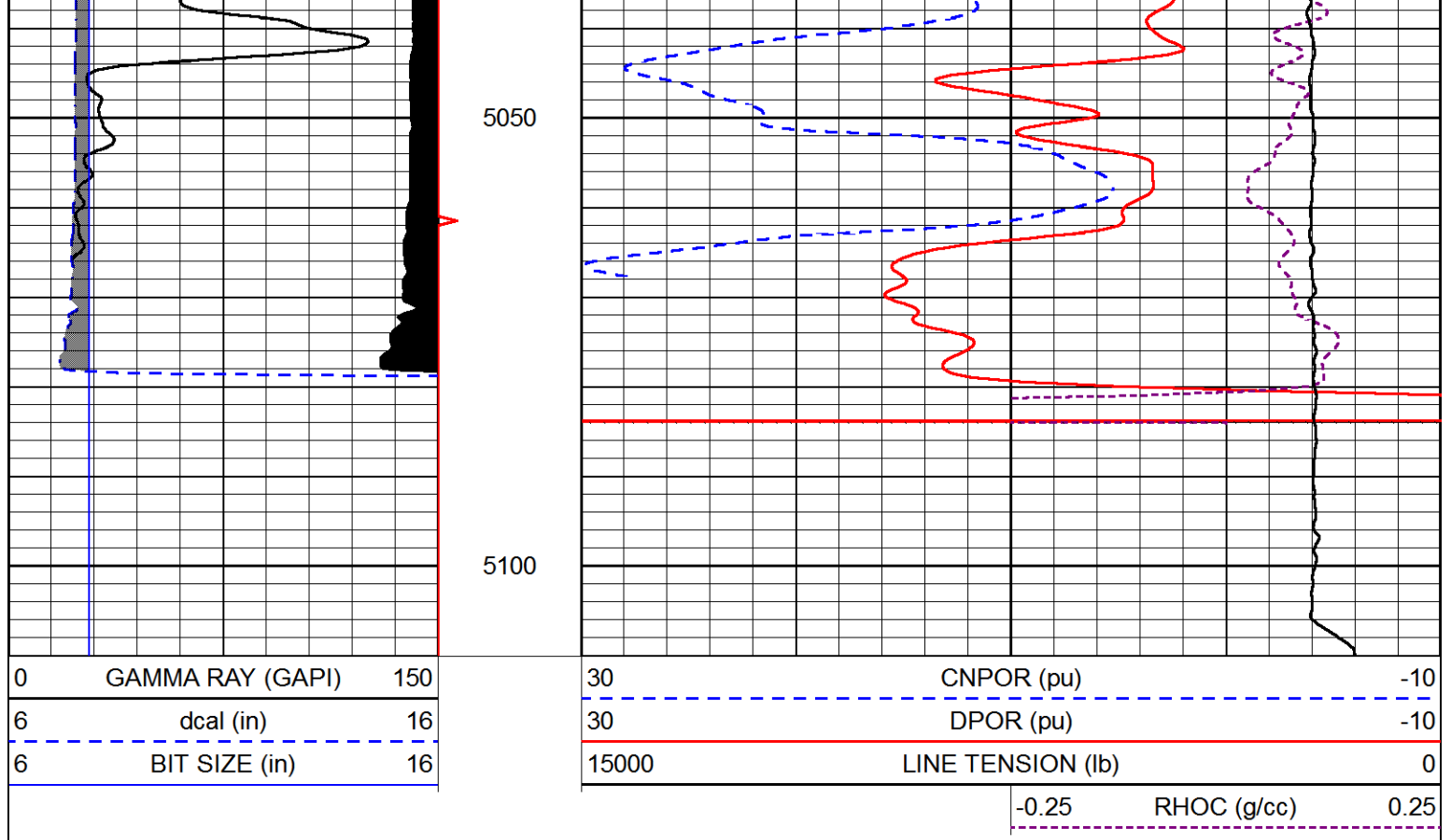


REPEAT SECTION

Database File brito_taylor_33_1.db
 Dataset Pathname stackmel/pass2.1
 Presentation Format cndlspec
 Dataset Creation Fri Feb 14 17:04:45 2020
 Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	30	CNPOR (pu)	-10
6	dcal (in)	16	30	DPOR (pu)	-10
6	BIT SIZE (in)	16	15000	LINE TENSION (lb)	0
			-0.25	RHOC (g/cc)	0.25





Calibration Report

Database File brito_taylor_33_1.db
Dataset Pathname stackmel/pass3.1
Dataset Creation Fri Feb 14 17:28:05 2020

Dual Induction Calibration Report

Serial-Model: 55-222-M&W
Calibration Performed: Tue Dec 10 05:11:10 2019

Loop:	Readings		References			Results	
	Air	Loop	Air	Loop		Gain	Offset
Deep	167.000	835.000	0.000	255.800	mmho/m	0.500	-41.000
Medium	0.000	1348.000	142.000	255.800	mmho/m	0.370	-15.000

Microlog Calibration Report

Serial-Model: UDM-01-PSI UDM ML
Performed: Fri May 31 06:10:42 2019

	Readings		References			Results	
	Zero	Cal	Zero	Cal		m	b
Normal	0.0000	1.0000	0.0000	1.0000	Ohm-m	23000.0000	0.0000
Inverse	0.0000	1.0000	0.0000	1.0000	Ohm-m	28000.0000	0.0000
Caliper	1.0019	1.2642	8.0000	22.0000	in	53.3774	-47.5000

Compensated Density Calibration Report

Serial-Model: 934-229-M&W
Source / Verifier: 21170B /

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.755	g/cc	3391.68	2392.26	cps
Aluminum	2.670	g/cc	645.86	1568.99	cps
Spine Angle = 75.73			Density/Spine Ratio = 0.535		
	Size		Reading		
Small Ring	4.00	in	1.39		
Large Ring	14.00	in	1.04		

Compensated Neutron Calibration Report

Serial Number: tk10-MW
 Tool Model: M&W
 Calibration Performed: Wed Nov 16 11:21:36 2016

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-M&W
 Tool Model: M&W
 Calibration Performed: Tue Dec 10 05:11:34 2019

Calibrator Value: 1000.0 GAPI

Background Reading: 0.0 cps
 Calibrator Reading: 6.2 cps

Sensitivity: 0.5200 GAPI/cps



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 County SHERMAN
 State KANSAS