

MIDWEST WIRELINE

DUAL COMP POROSITY LOG

Company MG Oil, Inc.
Well Lawrence #15
Field Wildcat
County Lane State Kansas

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Location: API #: 15-101-22652-00-00
SW NE NW SE
2187' FNL & 1663' FEL
SEC 15 TWP 16S RGE 28W
Permanent Datum Ground Level Elevation 2591'
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing
Other Services
DIL
MEL/BHCS
K.B. 2598'
D.F.
G.L. 2591'

Date 6/17/2021

Run Number One
Type Log CNL/CDL
Depth Driller 4498'
Depth Logger 4497'
Bottom Logged Interval 4476'
Top Logged Interval 3400'
Type Fluid In Hole Chemical
Salinity, PPM CL 2700
Density 8.9
Level Full
Max. Rec. Temp. F 121 Deg F
Operating Rig Time 4.5 Hours
Equipment -- Location P-24 HAYS
Recorded By T. Martin
Witnessed By Chad Counts

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25"	00'	257'	8.625"	23#	00'	257'
Two	7.9875"	257'	TD				

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All interpretations are opinions based on inferences from electrical or other measurements and Midwest Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Midwest Wireline Services, LLC will not be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

Shields, KS, Hwy 4 & Laredo Rd, 4 N to 280, 2 E, S & SE into

Log Measured From: Kelly Bushing 8 Ft. Above Permanent Datum

THANK YOU FOR USING MIDWEST WIRELINE LLC
785-625-3858

Your Midwest Wireline Crew

Engineer: T. Martin
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: Chad Counts
Secondary Witness:
Secondary Witness:
Secondary Witness:

Log Variables

DatabaseC:\ProgramData\Warrior\Data\mg oil_lawrence #15.db
Dataset field/well/Stack/pass3.1/_vars_

Top - Bottom

A	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
1	7.875	121	5.5	0	1	2	2.71
NPORSEL	PERFS	SNDERR mmho/m	SNDERRM mmho/m	SPSHIFT mV	SRFTEMP degF	SZCOR	TDEPTH ft
Limestone	No	0	0	420	100	Off	4497

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

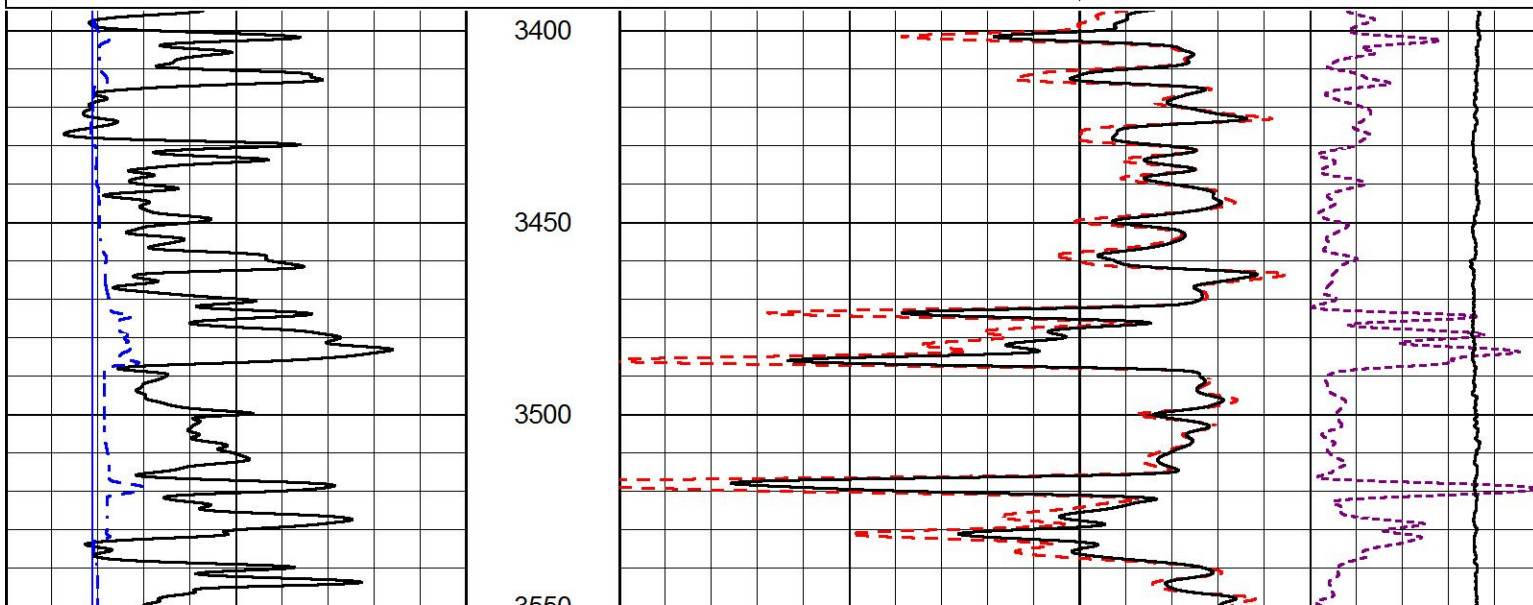
MAIN PASS

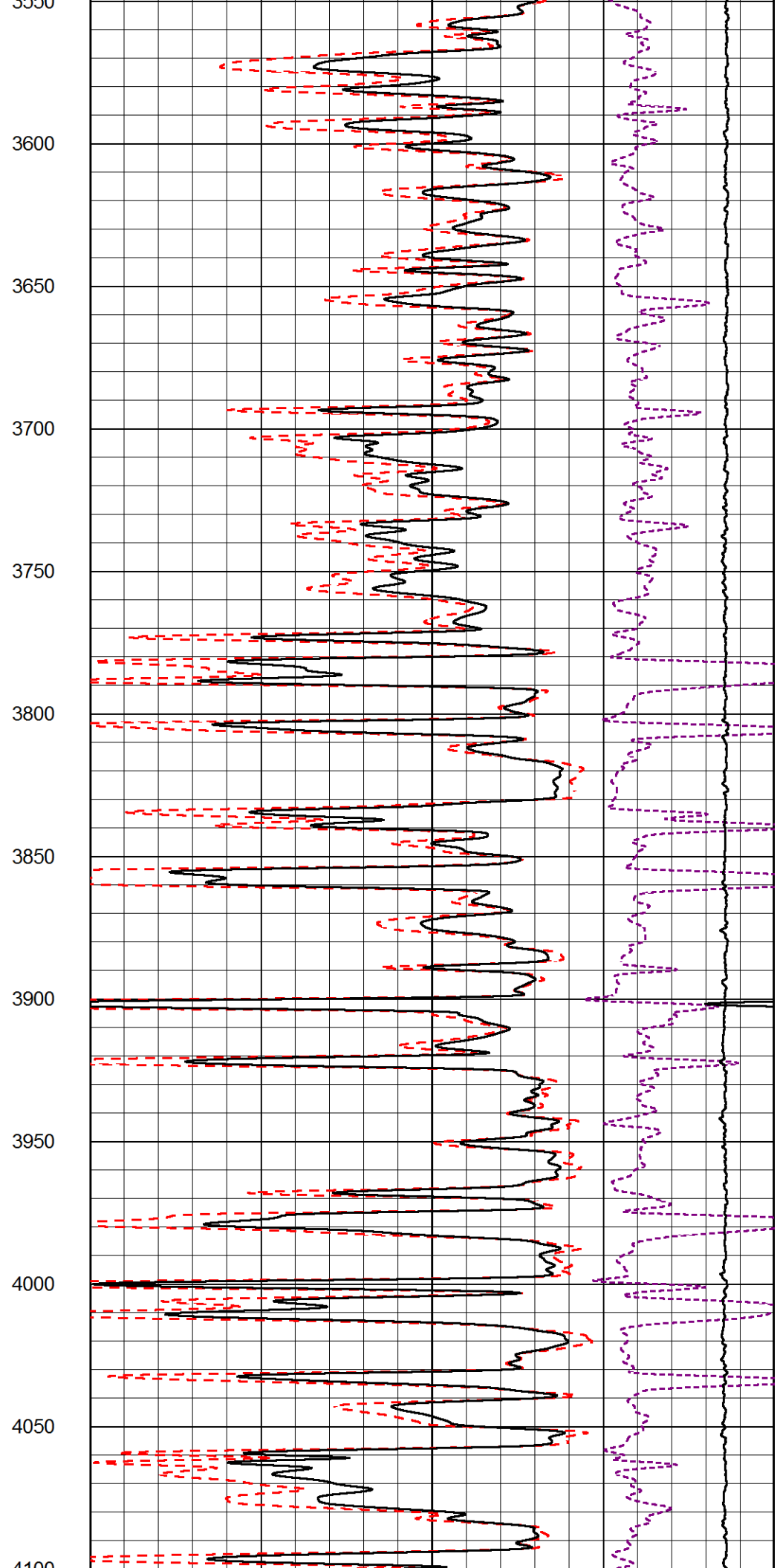
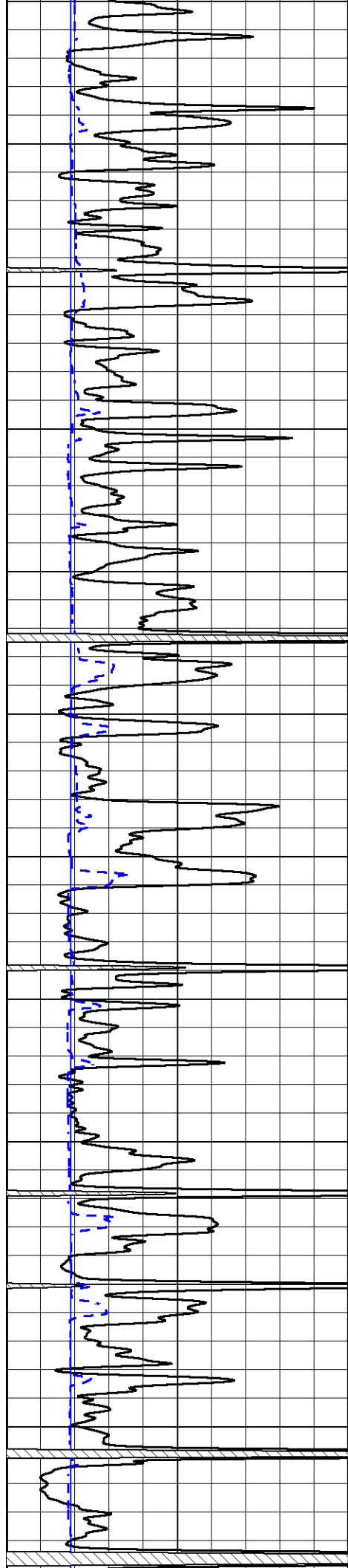
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Dataset Pathname Stack/pass3.3
Presentation Format _cdl
Dataset Creation Thu Jun 17 15:01:03 2021
Charted by Depth in Feet scaled 1:600

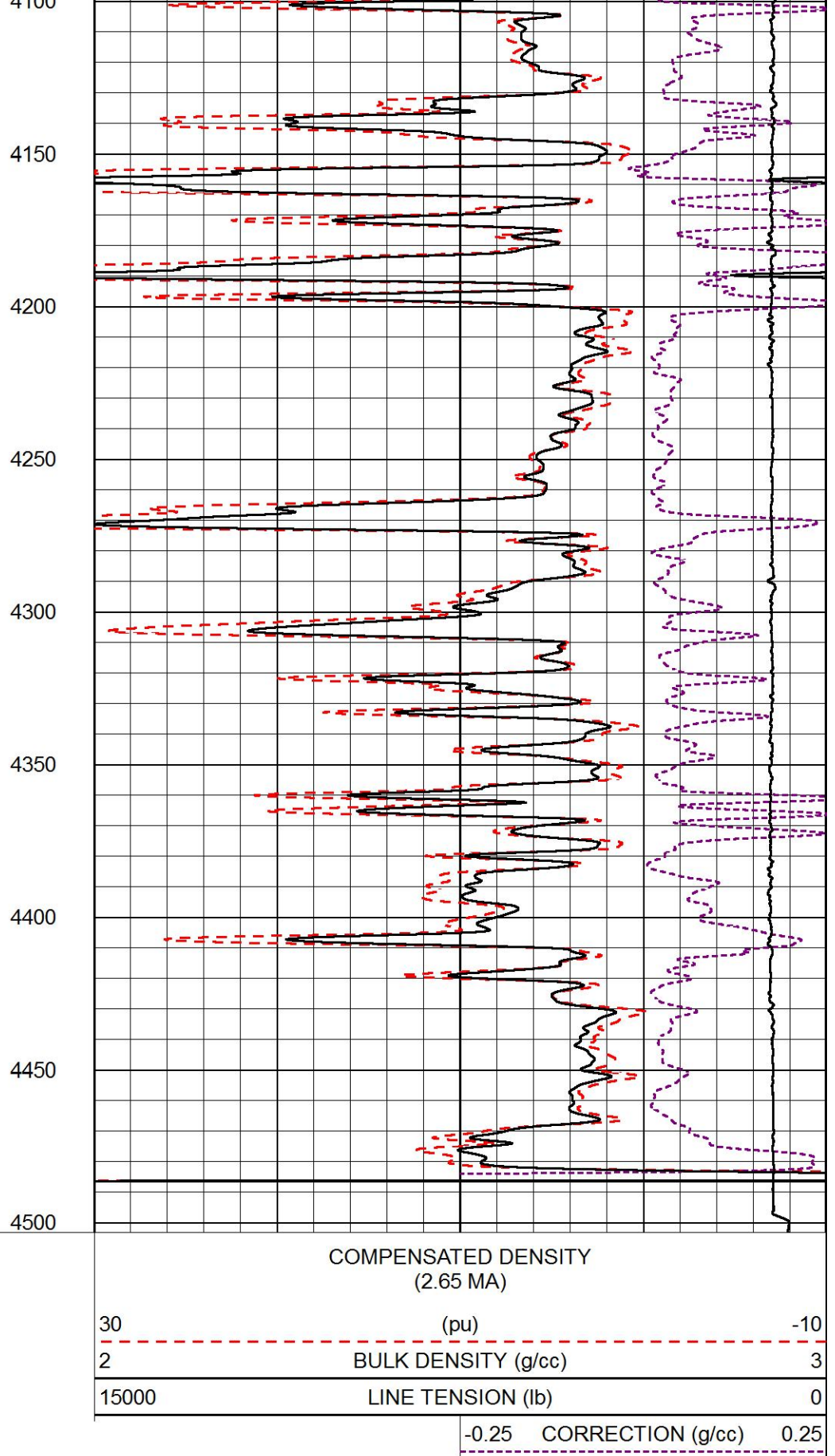
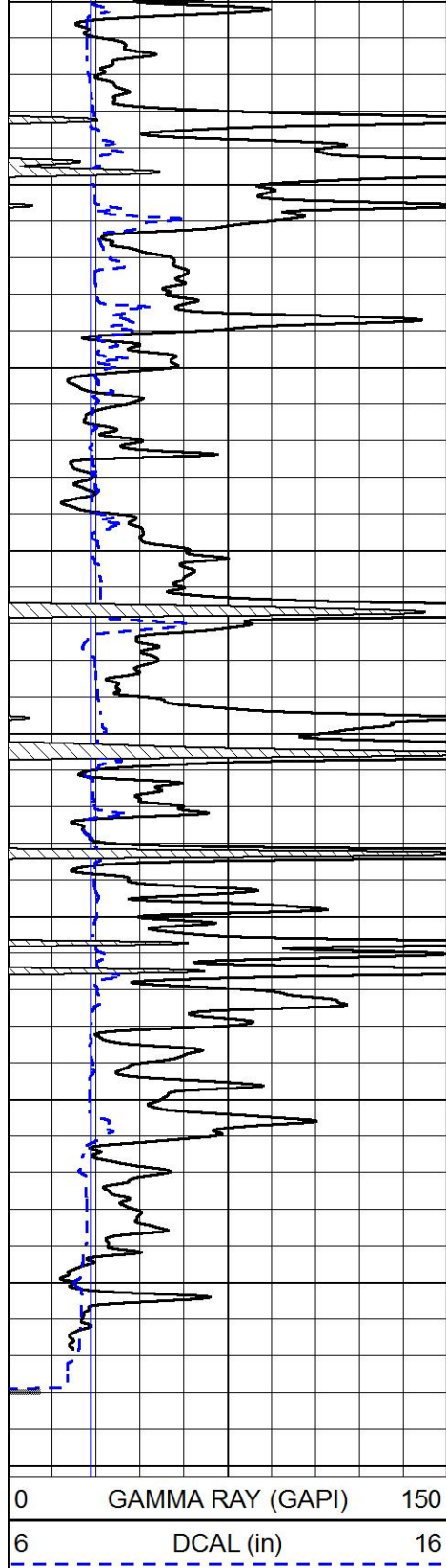
0	GAMMA RAY (GAPI)	150
6	DCAL (in)	16

COMPENSATED DENSITY (2.65 MA)

30	(pu)	-10
2	BULK DENSITY (g/cc)	3
15000	LINE TENSION (lb)	0
-0.25	CORRECTION (g/cc)	0.25



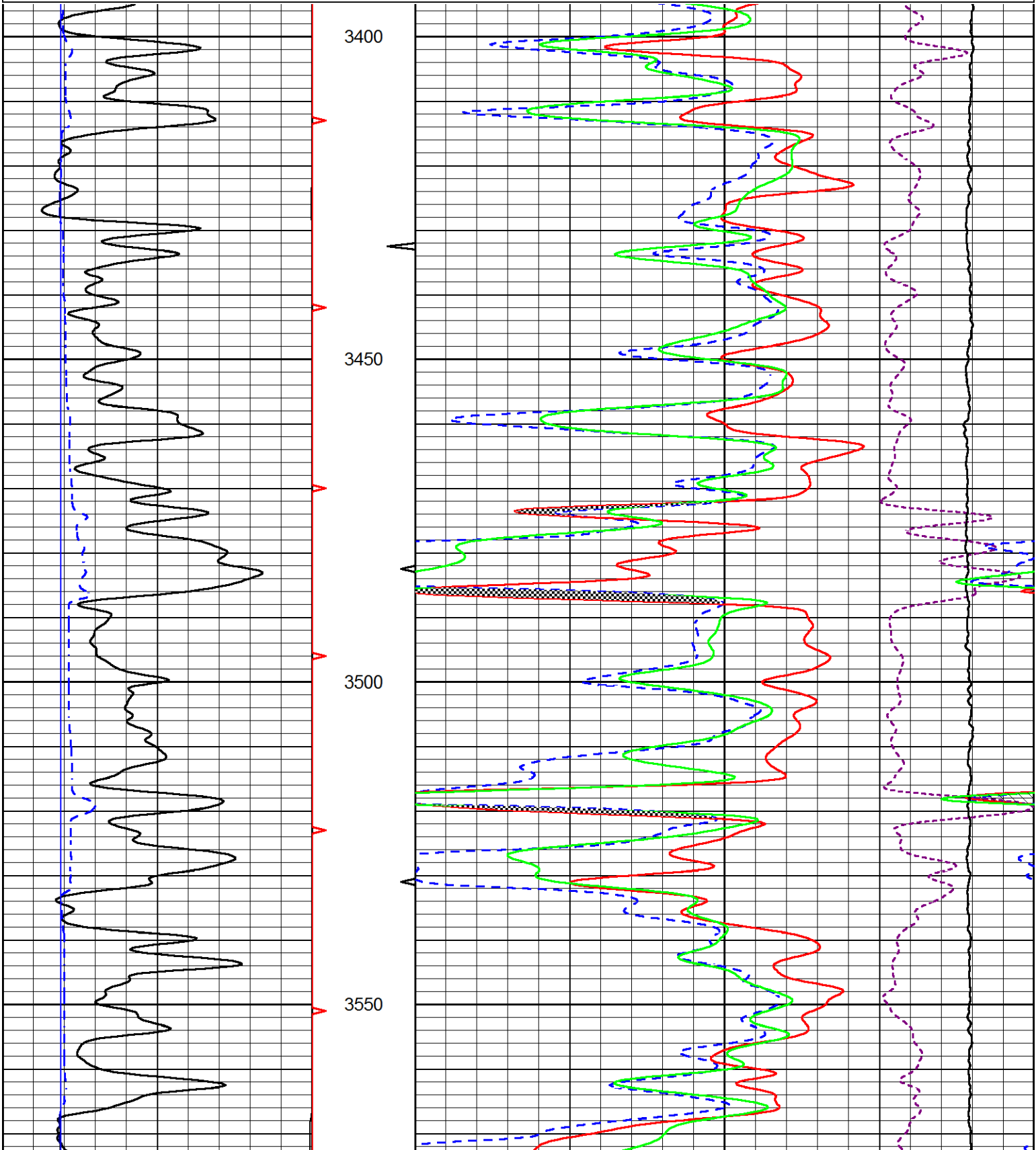


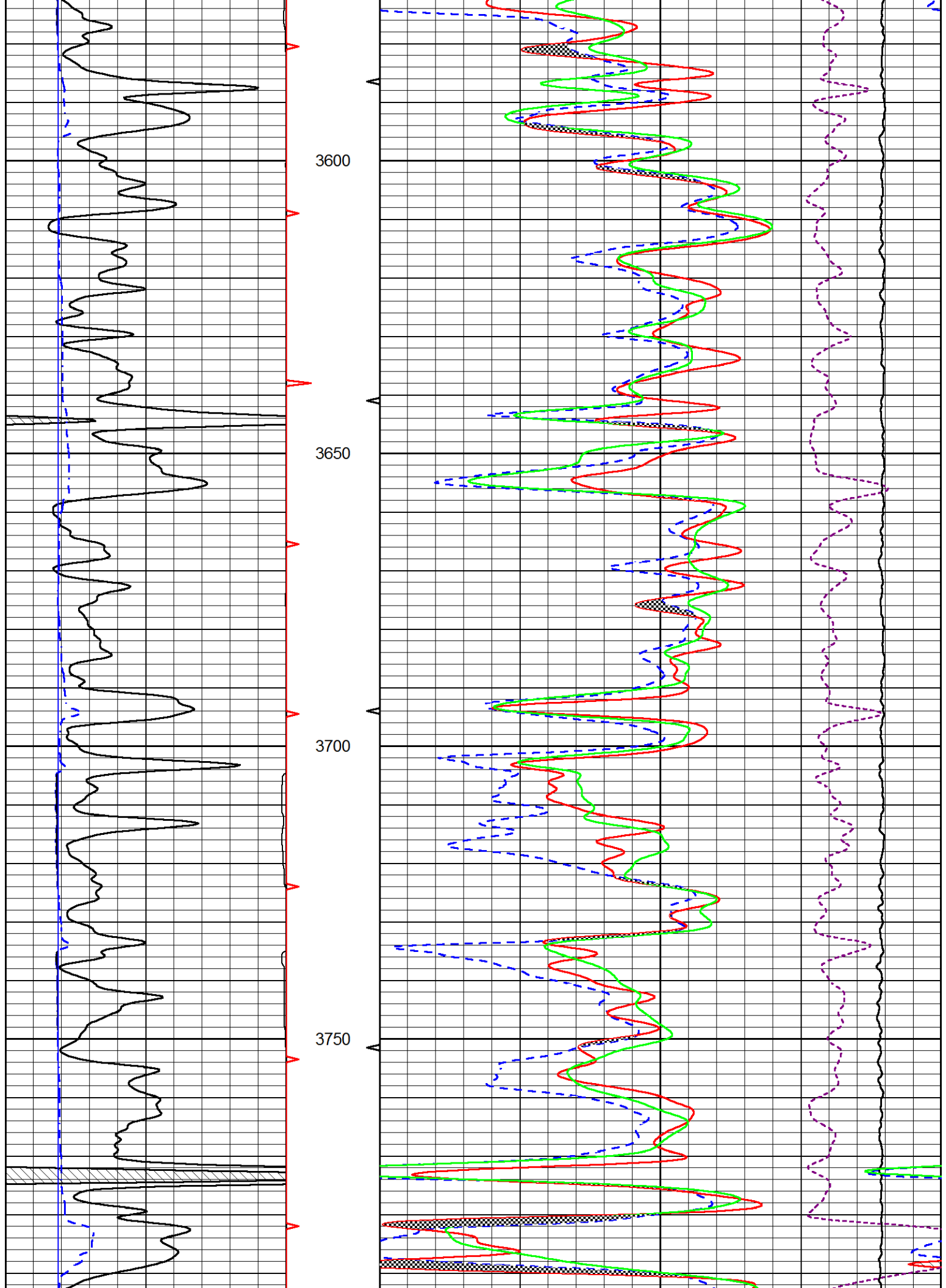


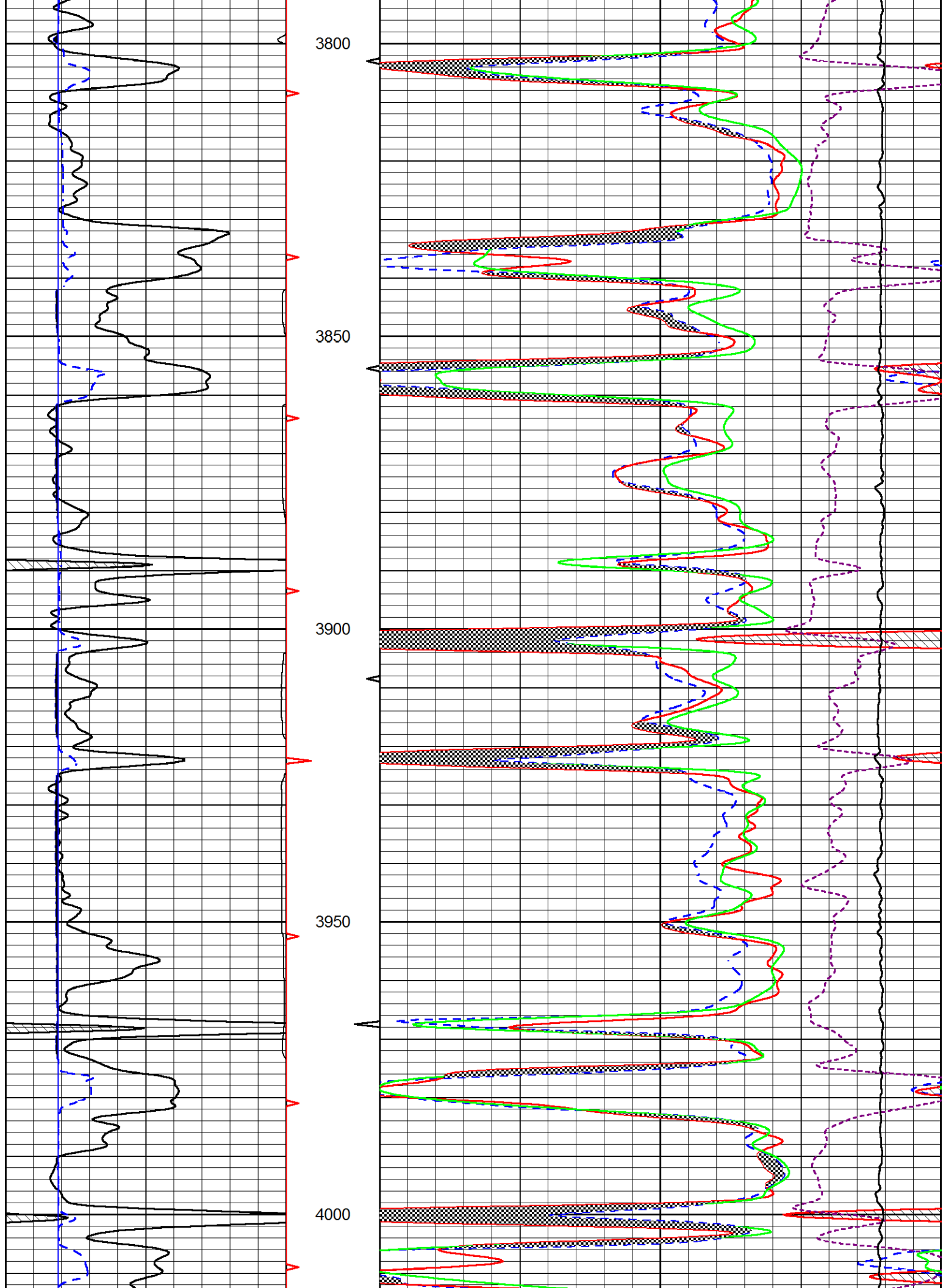
MAIN LOG

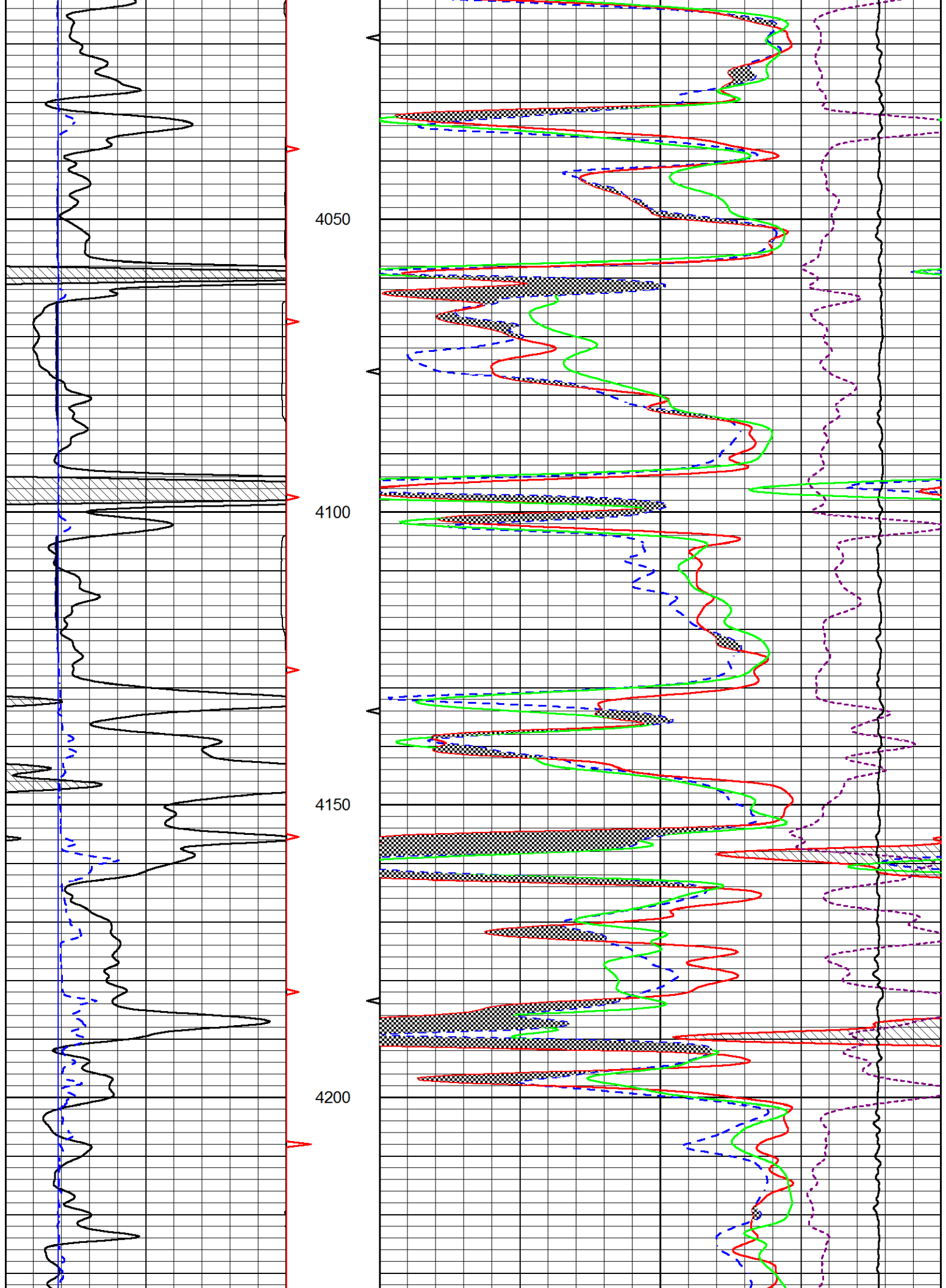
ZERO PSI APPLIED AT SURFACE

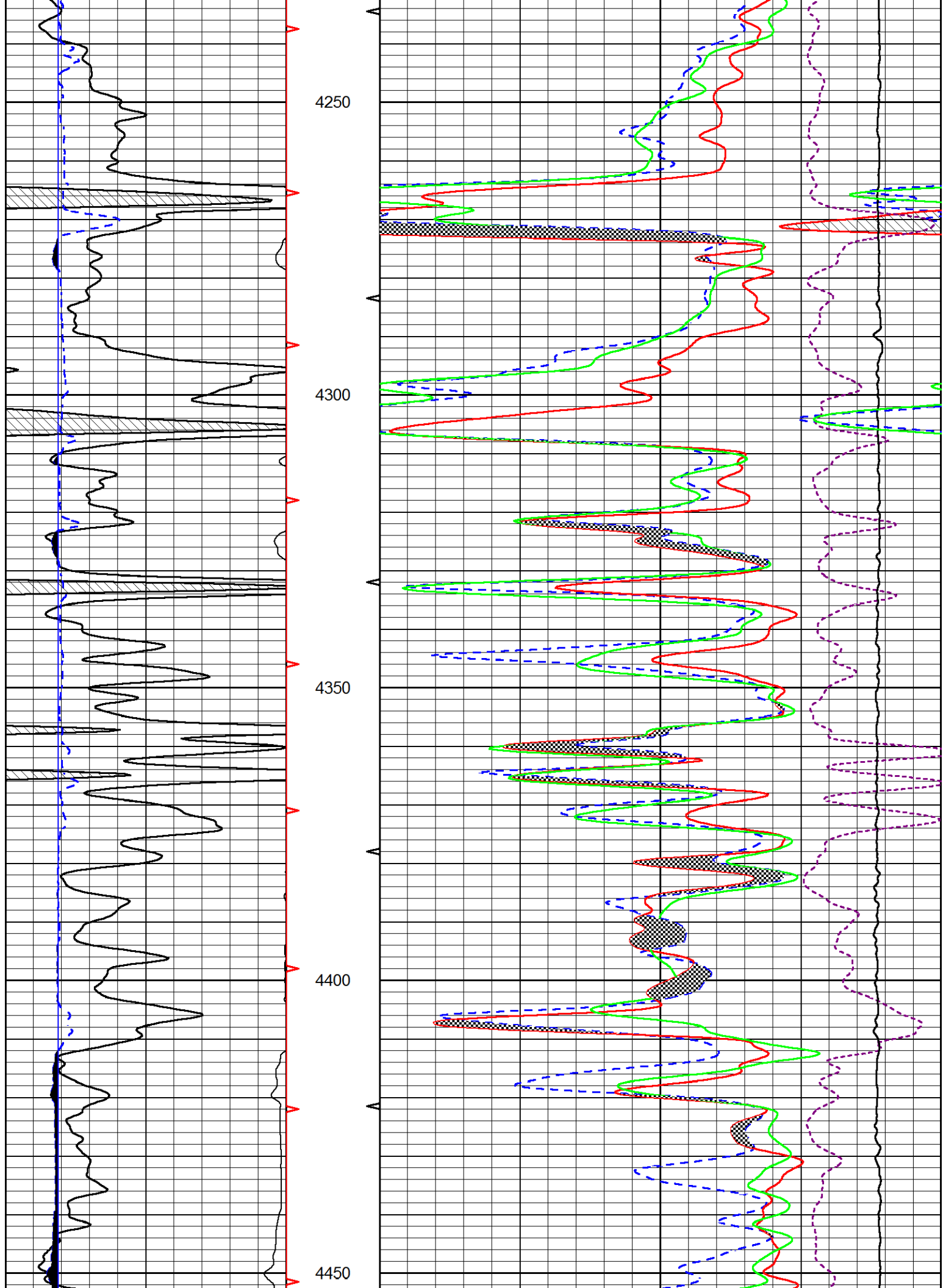
0	GAMMA RAY (GAPI)	150	30	CNPOR (pu)	-10
6	DCAL (in)	16	30	DPOR (pu)	-10
			10000	LINE TENSION (lb)	0
			30	spor (pu)	-10
				-0.25	CORRECTION (g/cc) 0.25

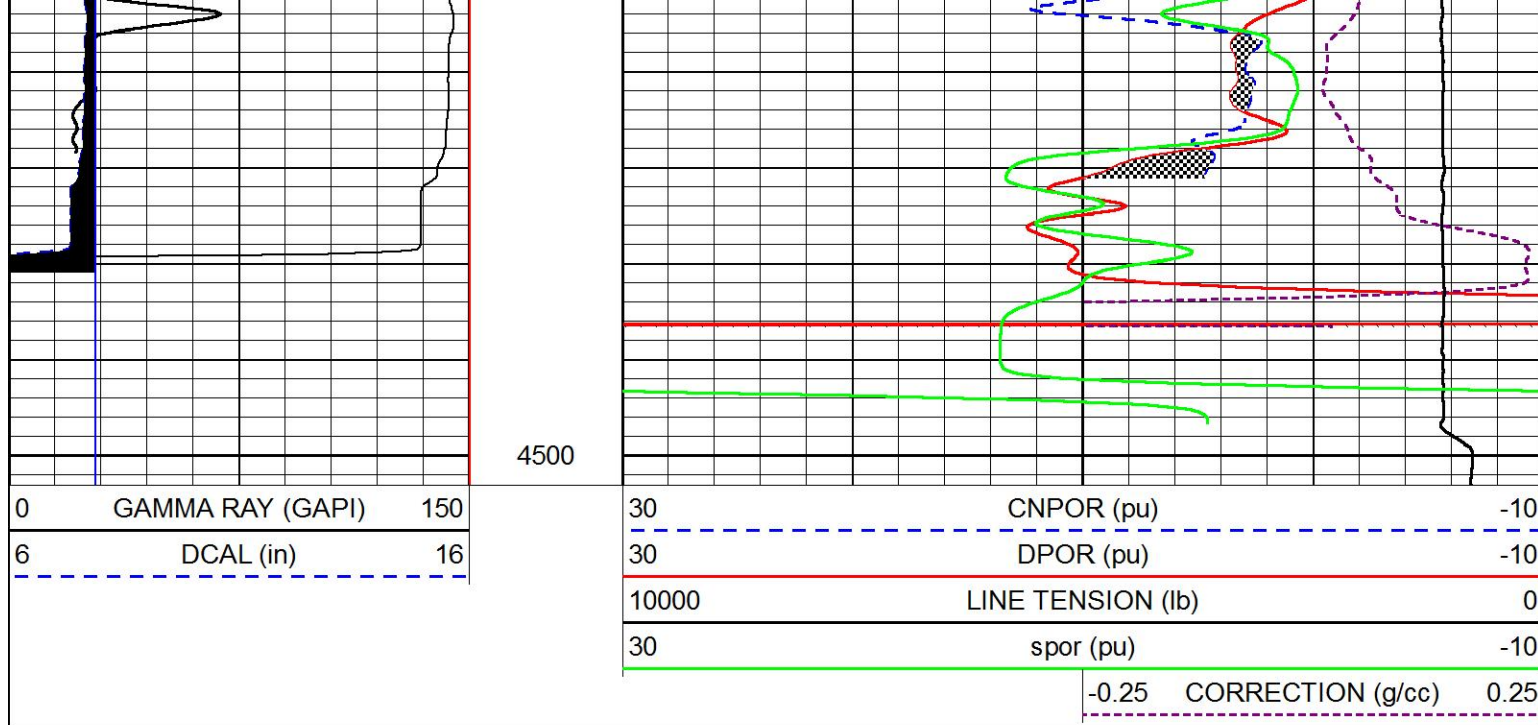










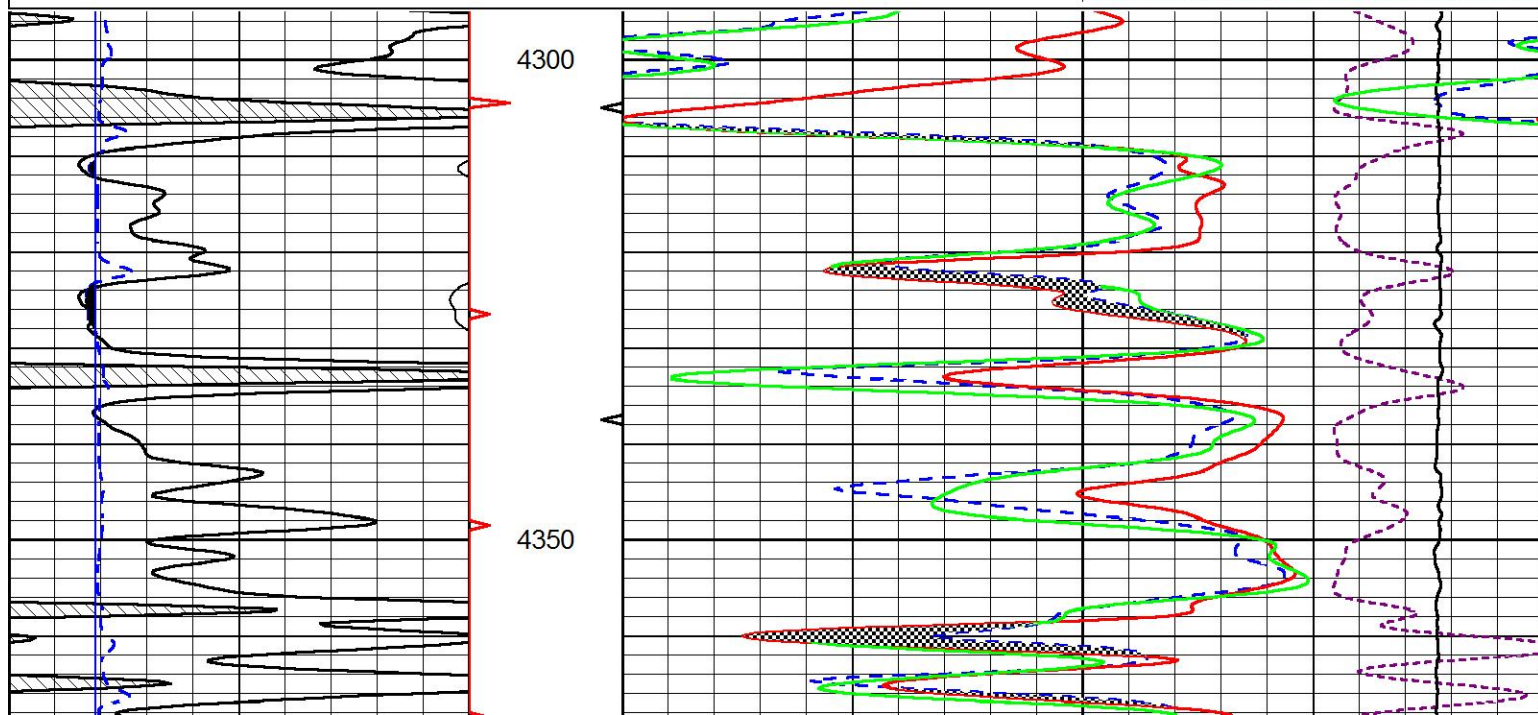
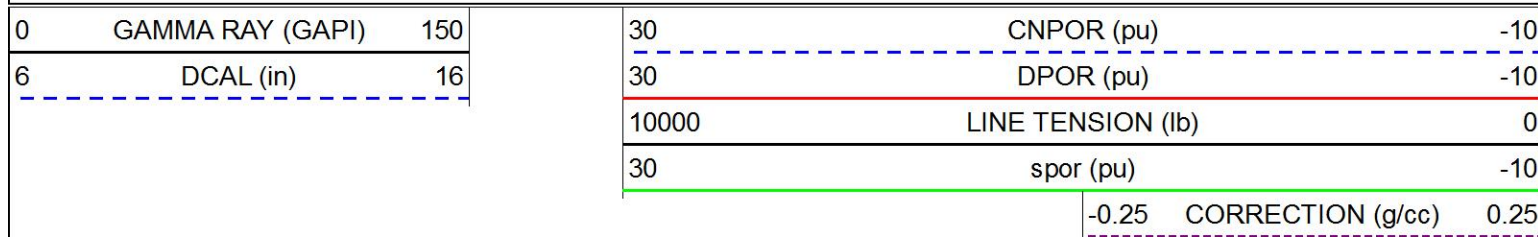


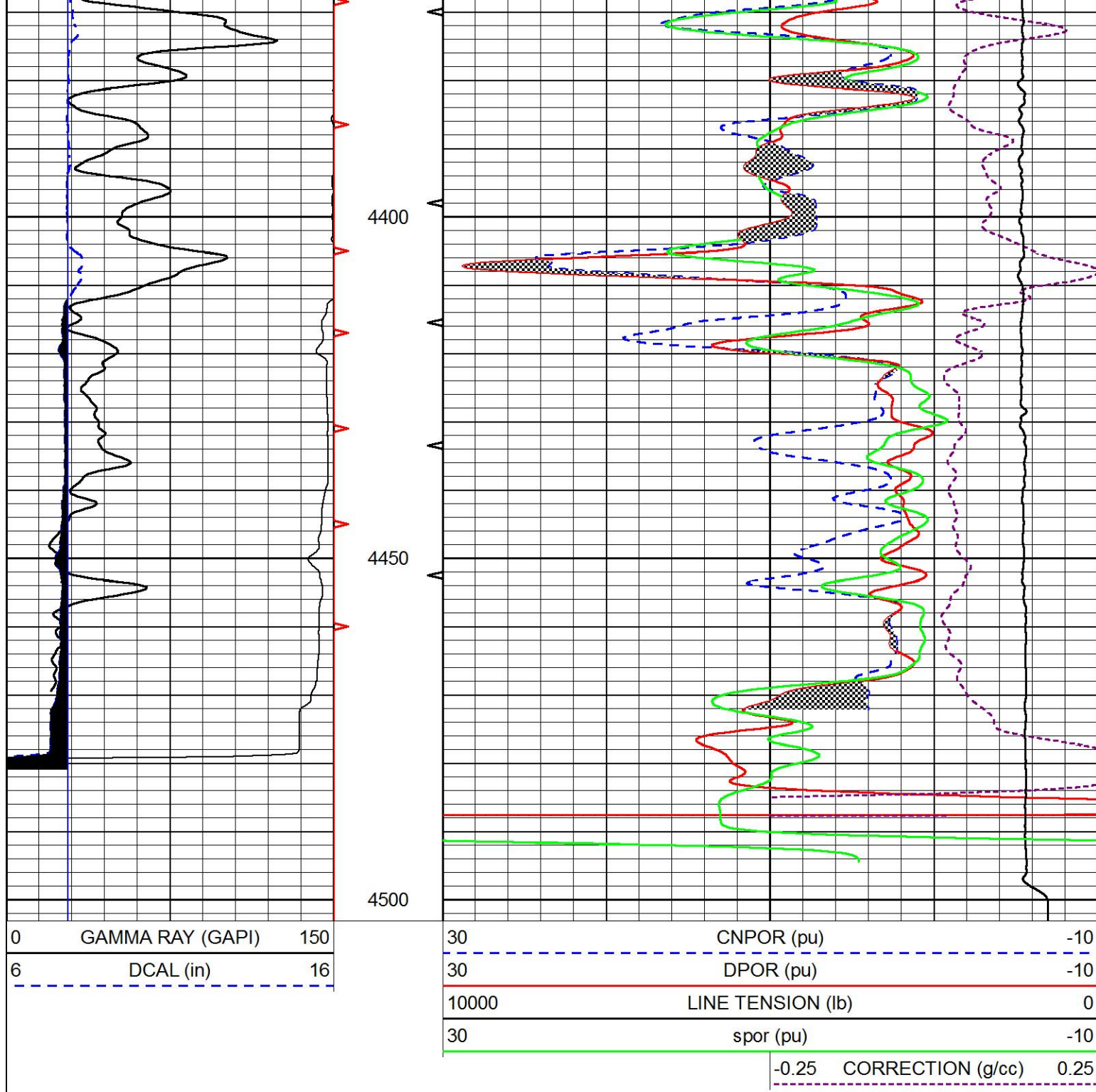
MIDWEST WIRELINE

REPEAT SECTION

ZERO PSI APPLIED AT SURFACE

Database File mg oil_lawrence #15.db
 Dataset Pathname Stack/pass2.1
 Presentation Format _CNDLS~1
 Dataset Creation Thu Jun 17 14:22:17 2021
 Charted by Depth in Feet scaled 1:240





Company MG Oil, Inc.
Well Lawrence #15
Field Wildcat
County Lane
State Kansas