



MIDWEST WIRELINE

DUAL COMP POROSITY LOG

Company Carmen Schmitt, Inc.
Well Sunray #1-28
Field Wildcat
County Greeley State Kansas

Location: API #: 15-071-20894-00-00
500' FSL & 2310' FWL
SEC 28 TWP 16S RGE 41W
Permanent Datum Ground Level Elevation 3761'
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing
Other Services
DIL
MEL/BHCS
K.B. 3769'
D.F. N/A
G.L. 3761'

Date 6/7/2021

Run Number One
Type Log CNL/CDL
Depth Driller 5230'
Depth Logger 5236'
Bottom Logged Interval 5204'
Top Logged Interval 3700'
Type Fluid In Hole Chemical
Salinity, PPM CL 6800
Density 9.1
Level Full
Max. Rec. Temp. F 128 Deg/F
Operating Rig Time 5 Hours
Equipment -- Location P-24 HAYS
Recorded By J. Henrickson
Witnessed By Brad Rine

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25"	00	307'	8.625"	24#	0	307'
Two	7.875"	307'	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.

Tribune Kansas
North to D Road, 6 West, 2 South, East 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: J. Henrickson
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: Brad Rine
Secondary Witness:
Secondary Witness:
Secondary Witness:

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
1	in 7.875	degF 124	in 5.5	in 0	g/cc 1	2	g/cc 2.71
NPORSEL	PERFS	SNDERR	SNDERRM	SPSHIFT	SRFTEMP	SZCOR	TDEPTH
Limestone	No	mmho/m 0	mmho/m 0	mV 290	degF 67	Off	ft 5236

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

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	44.50		GR-M&W (233-M&W)	3.00	3.50	50.00
CNLSC	41.40		CNT-M&W (207-MW)	5.50	3.50	100.00
CNSSC	40.65					
LSD	32.35		CDL-M&W (817-947)	8.50	4.00	250.00
DCAL	32.33		ML-PSI UDM ML (UDM-01) Stackable Microlog Tools	11.50	4.00	215.00
SSD	31.85					
MCAL	20.87		ML-PSI UDM ML (UDM-01) Stackable Microlog Tools	11.50	4.00	215.00
MI	20.87					
MN	20.87					
RLL3F	15.80					

RLL3	15.80							
CILD	8.00			DIL-PSI HIGH TEMP (952-828)	18.50	3.50	220.00	
CILM	4.70							
SP	0.20							
Dataset: carmen_schmitt_sunray_1_28.db: field/well/stackml/pass4.1 Total length: 47.00 ft Total weight: 835.00 lb O.D.: 4.00 in								



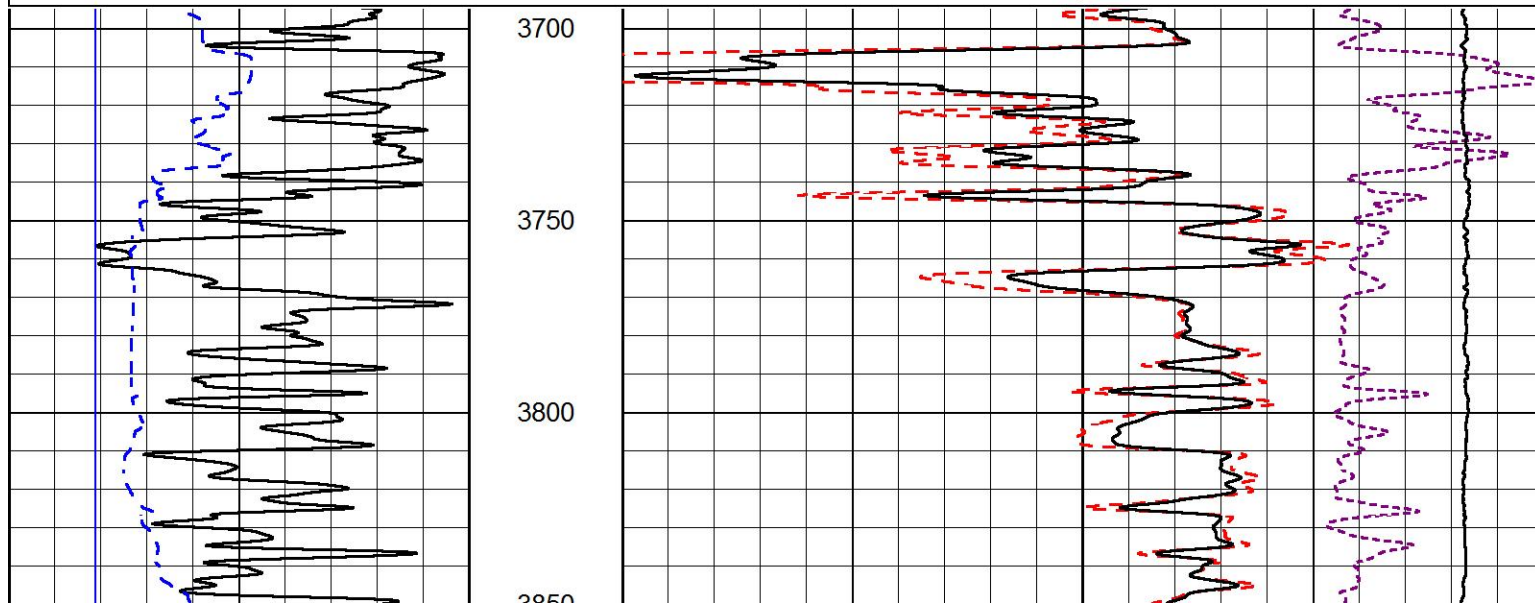
2" SCALE BULK DENSITY

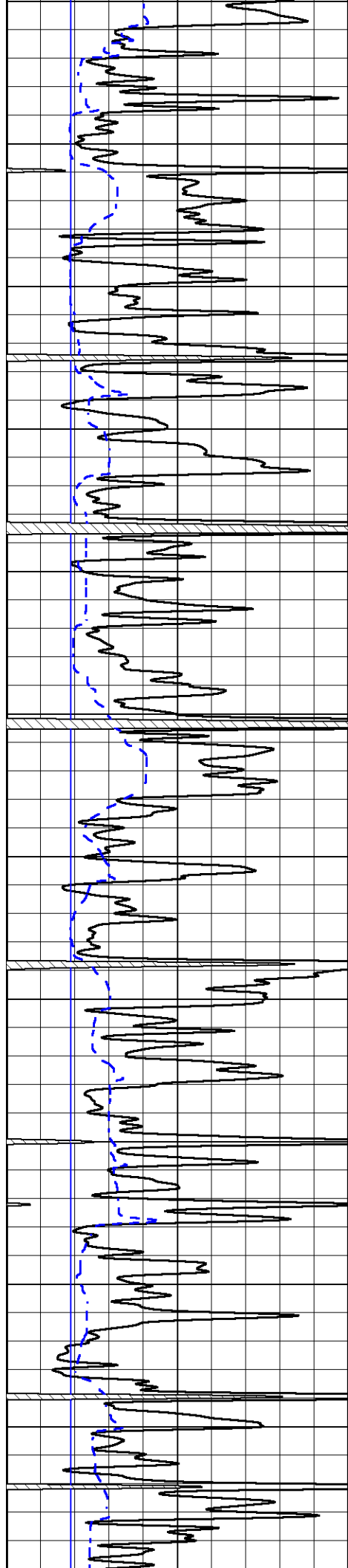
MAIN PASS

Database File
 Dataset Pathname
 Presentation Format
 Dataset Creation
 Charted by

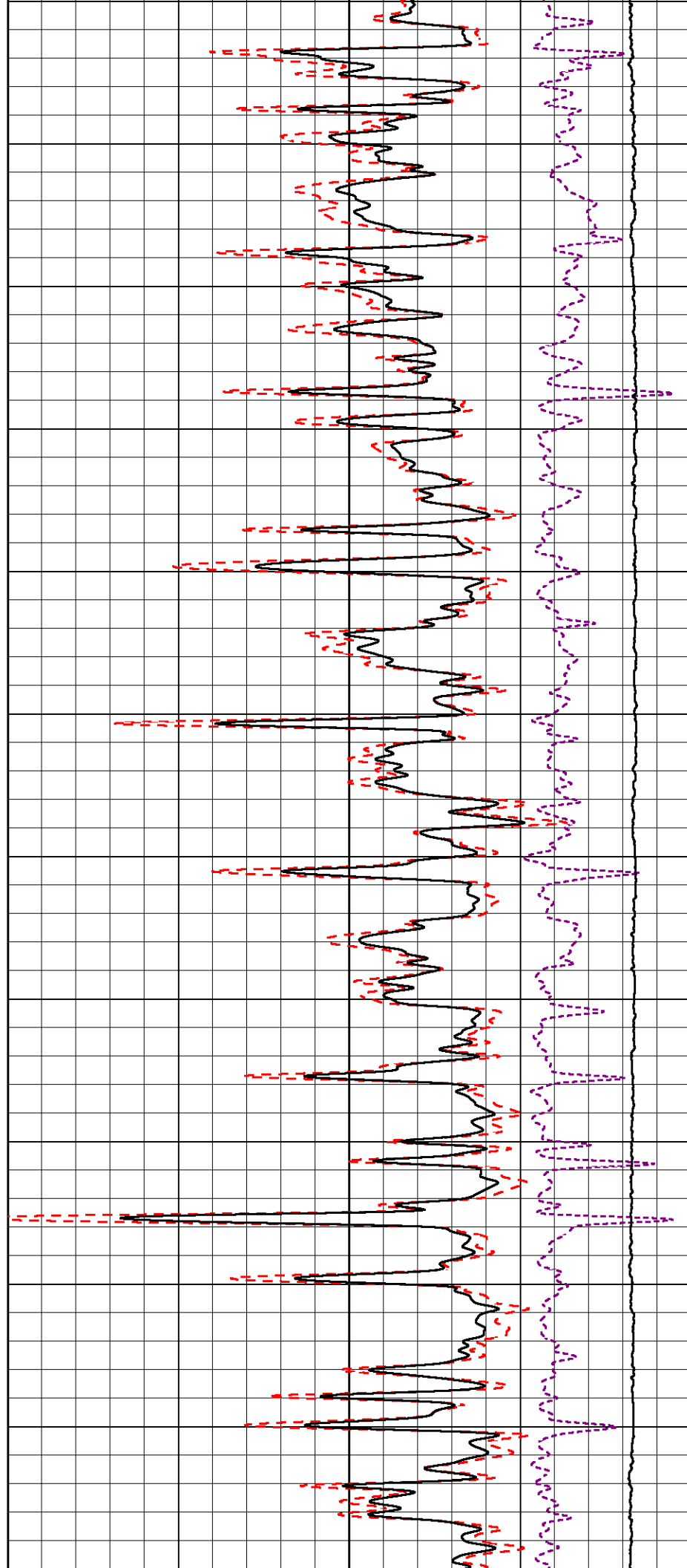
carmen_schmitt_sunray_1_28.db
 stackml/pass3.1
 _cdl
 Tue Jun 08 00:13:58 2021
 Depth in Feet scaled 1:600

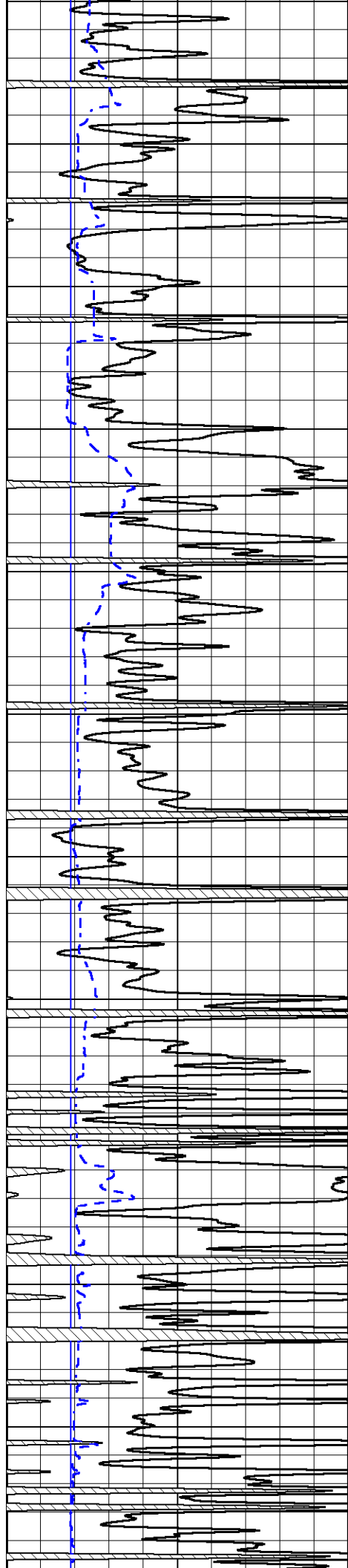
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6	DCAL (in)	16	30	(pu) -10
			2	BULK DENSITY (g/cc) 3
			15000	LINE TENSION (lb) 0
			-0.25	CORRECTION (g/cc) 0.25



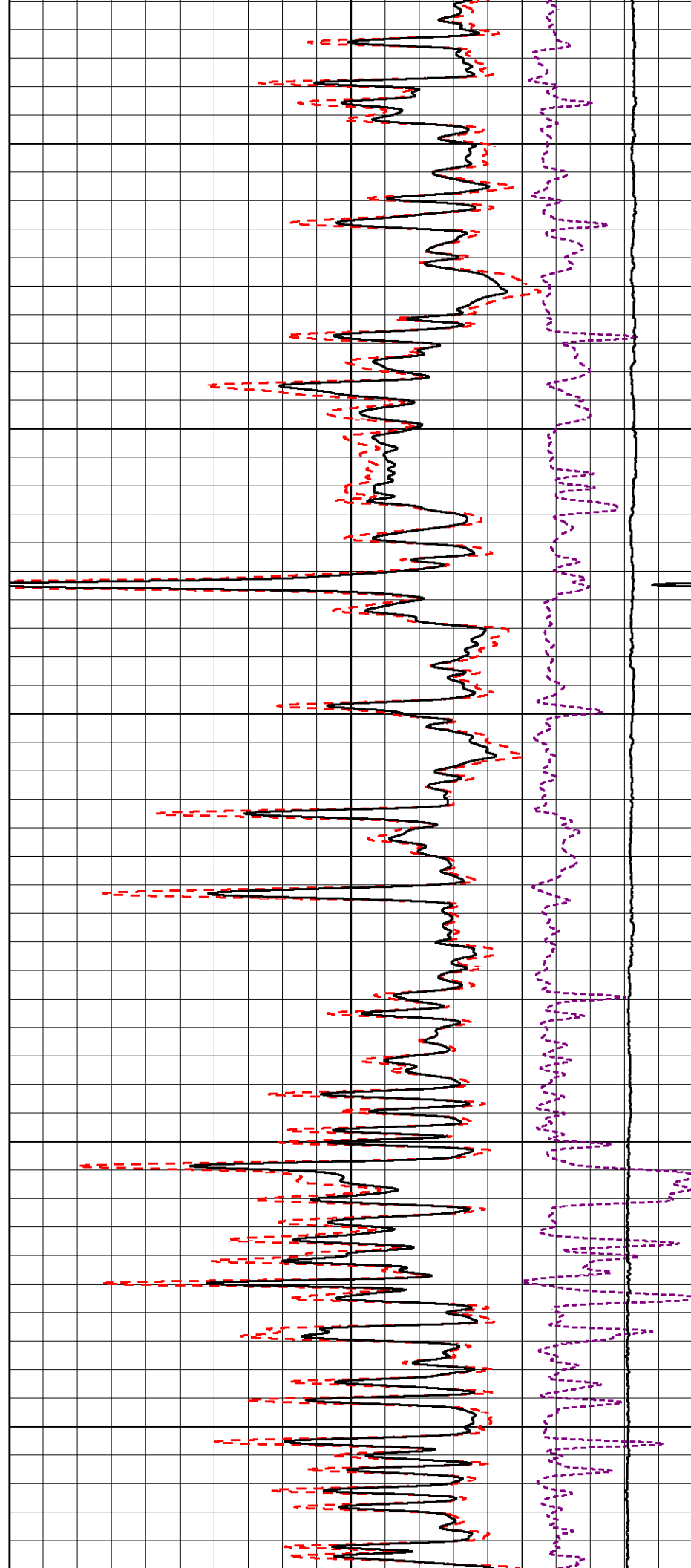


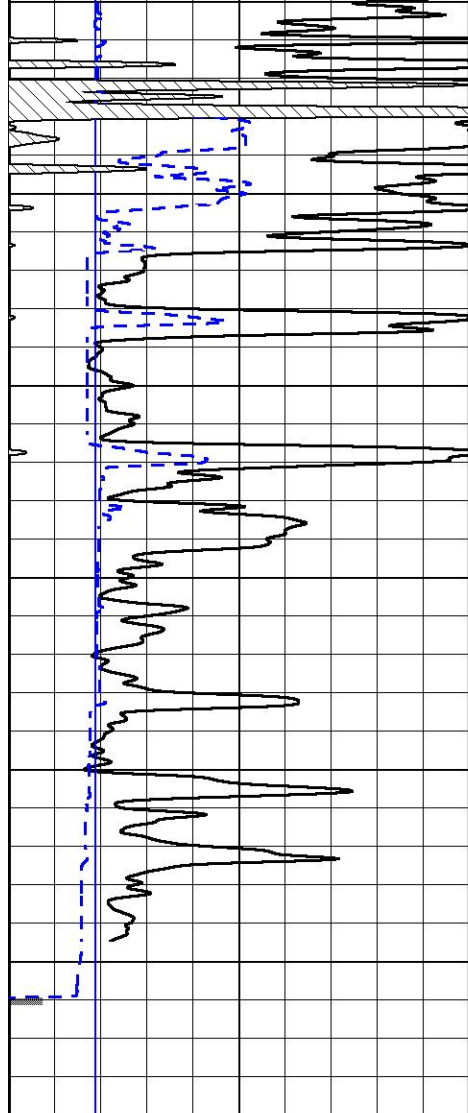
3850
3900
3950
4000
4050
4100
4150
4200
4250
4300
4350
4400



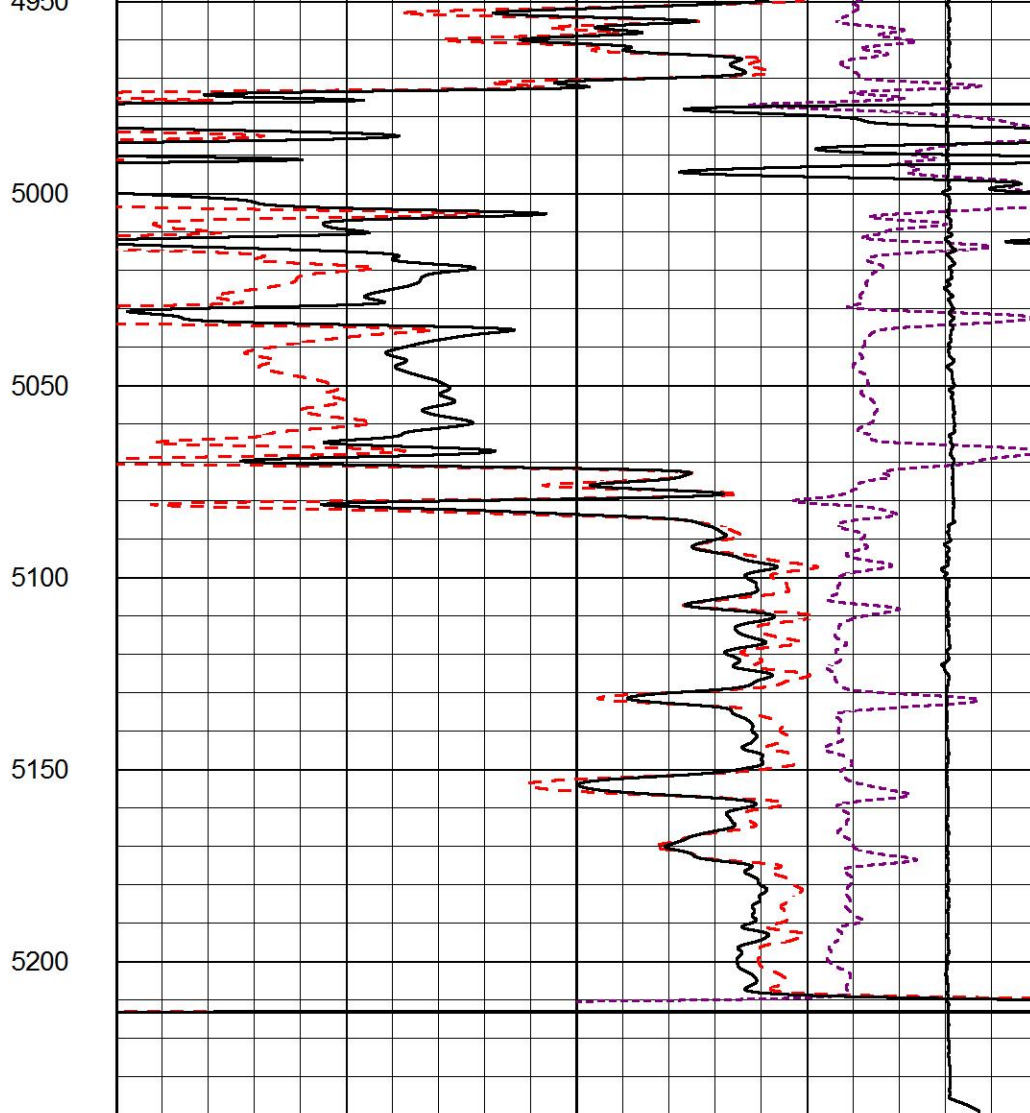


4400
4450
4500
4550
4600
4650
4700
4750
4800
4850
4900
4950





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



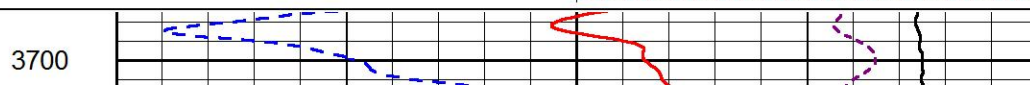
MIDWEST WIRELINE

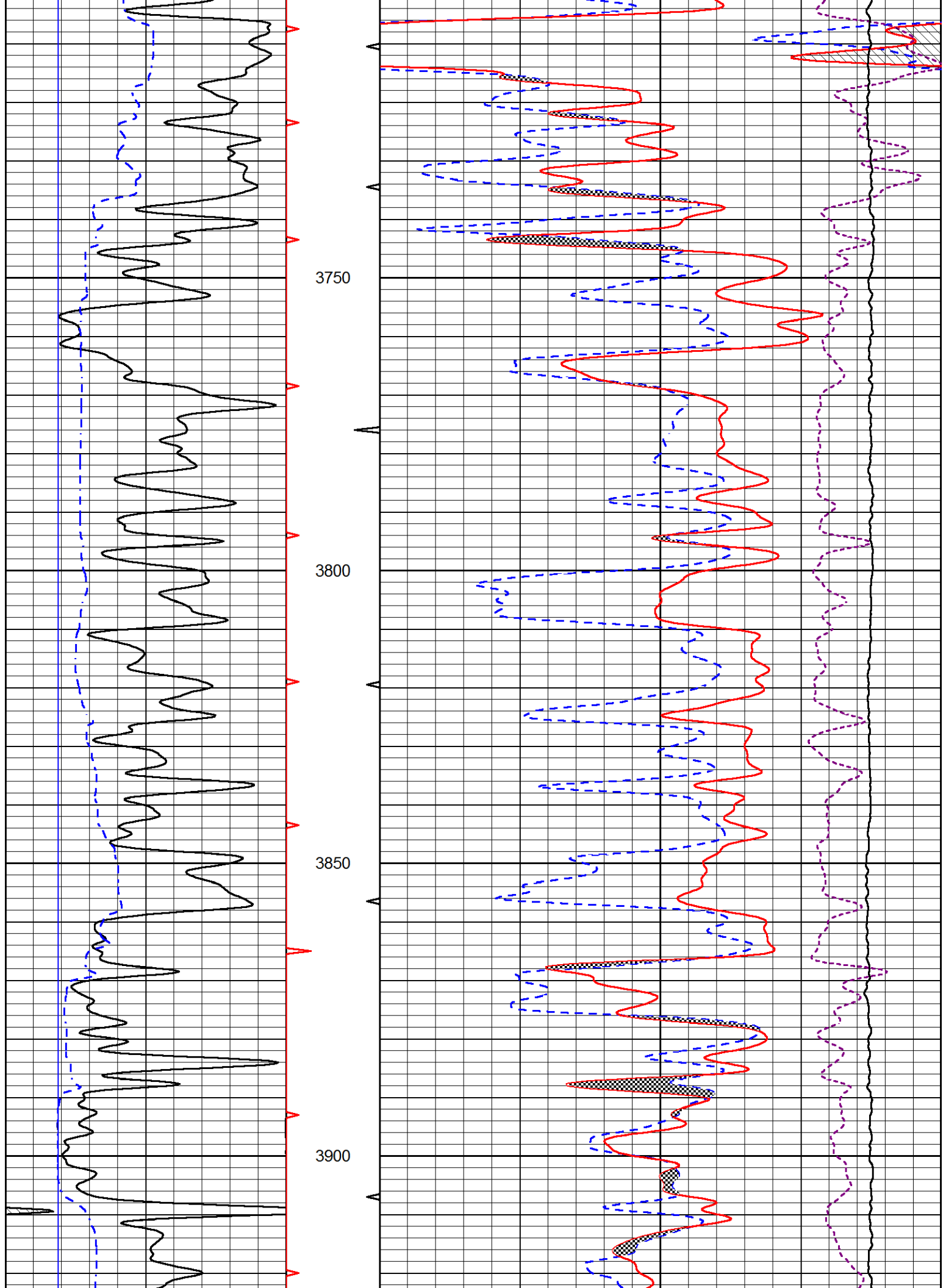
MAIN PASS

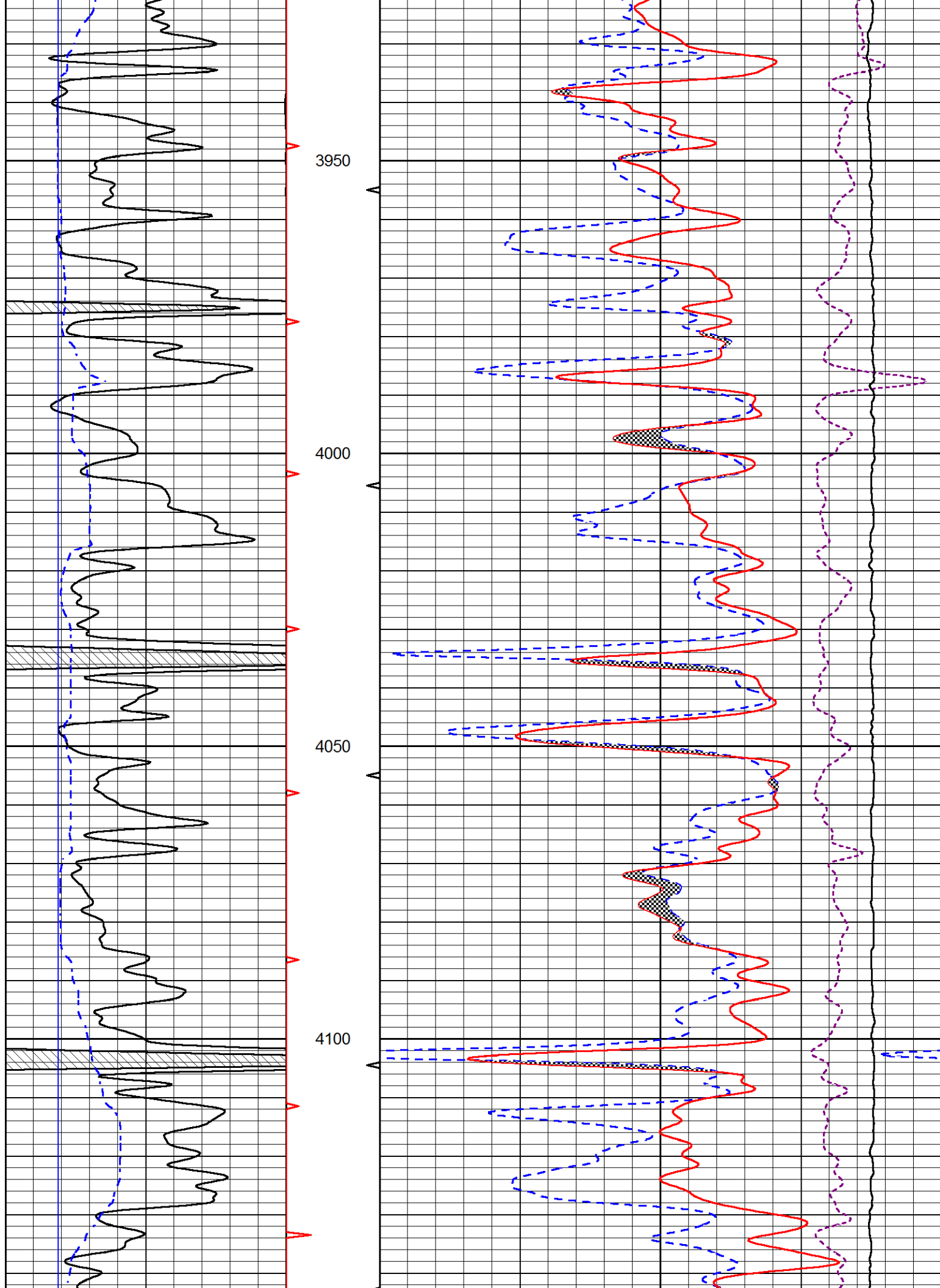
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 Charted by Depth in Feet scaled 1:240

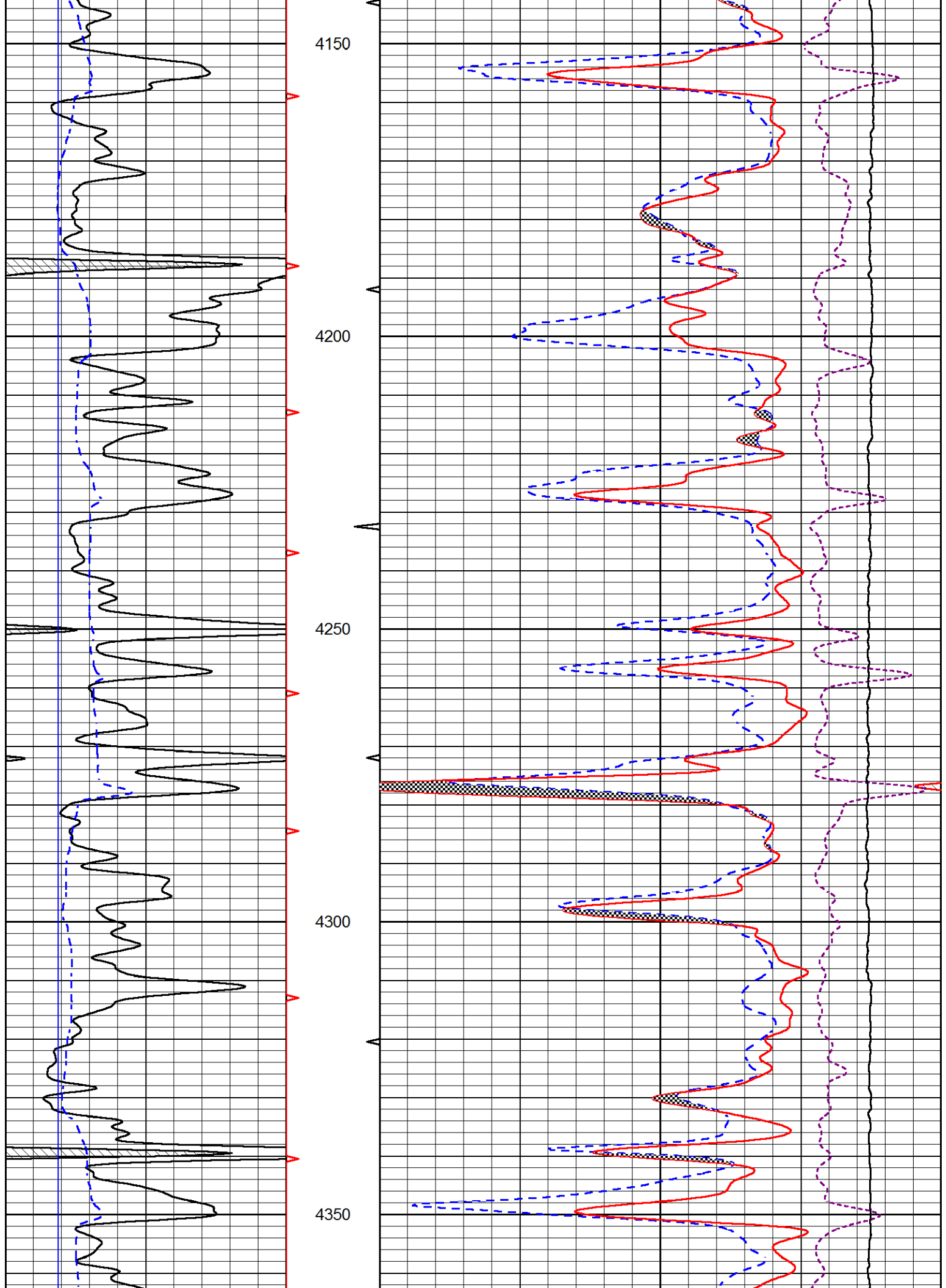
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6	DCAL (in)	16

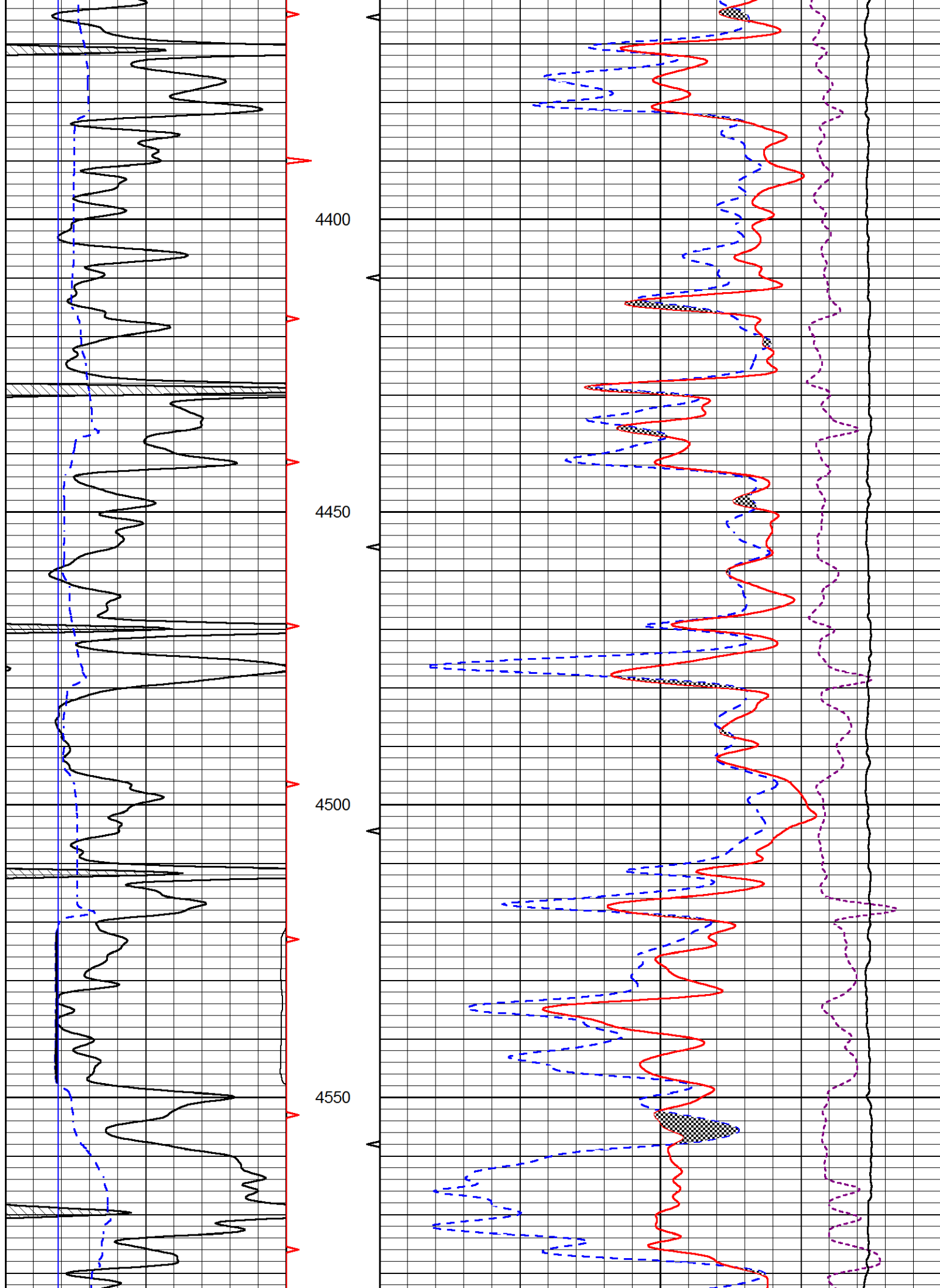
30	CNPOR (pu)	-10
30	DPOR (pu)	-10
10000	LINE TENSION (lb)	0
-0.25	CORRECTION (g/cc)	0.25

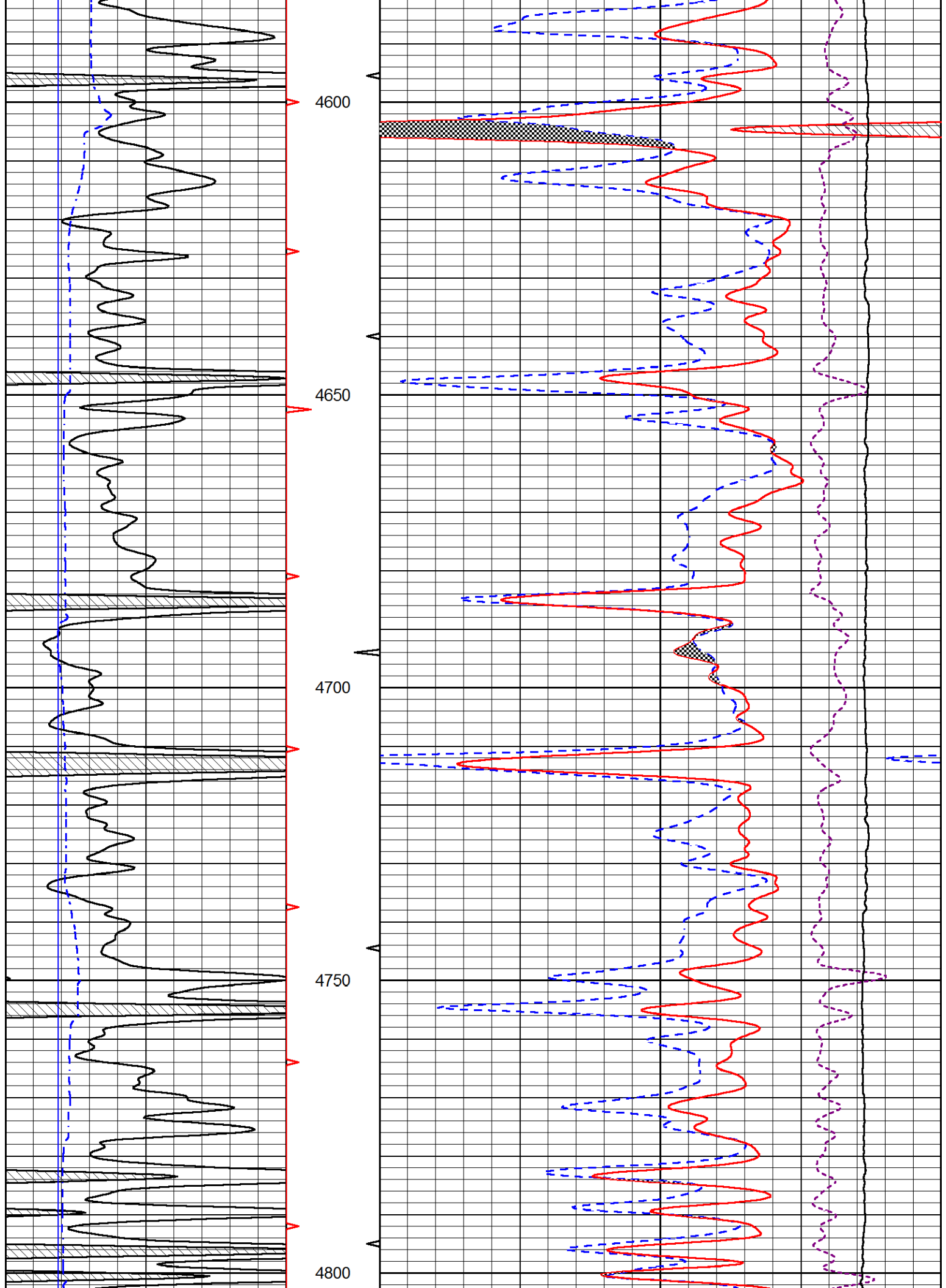


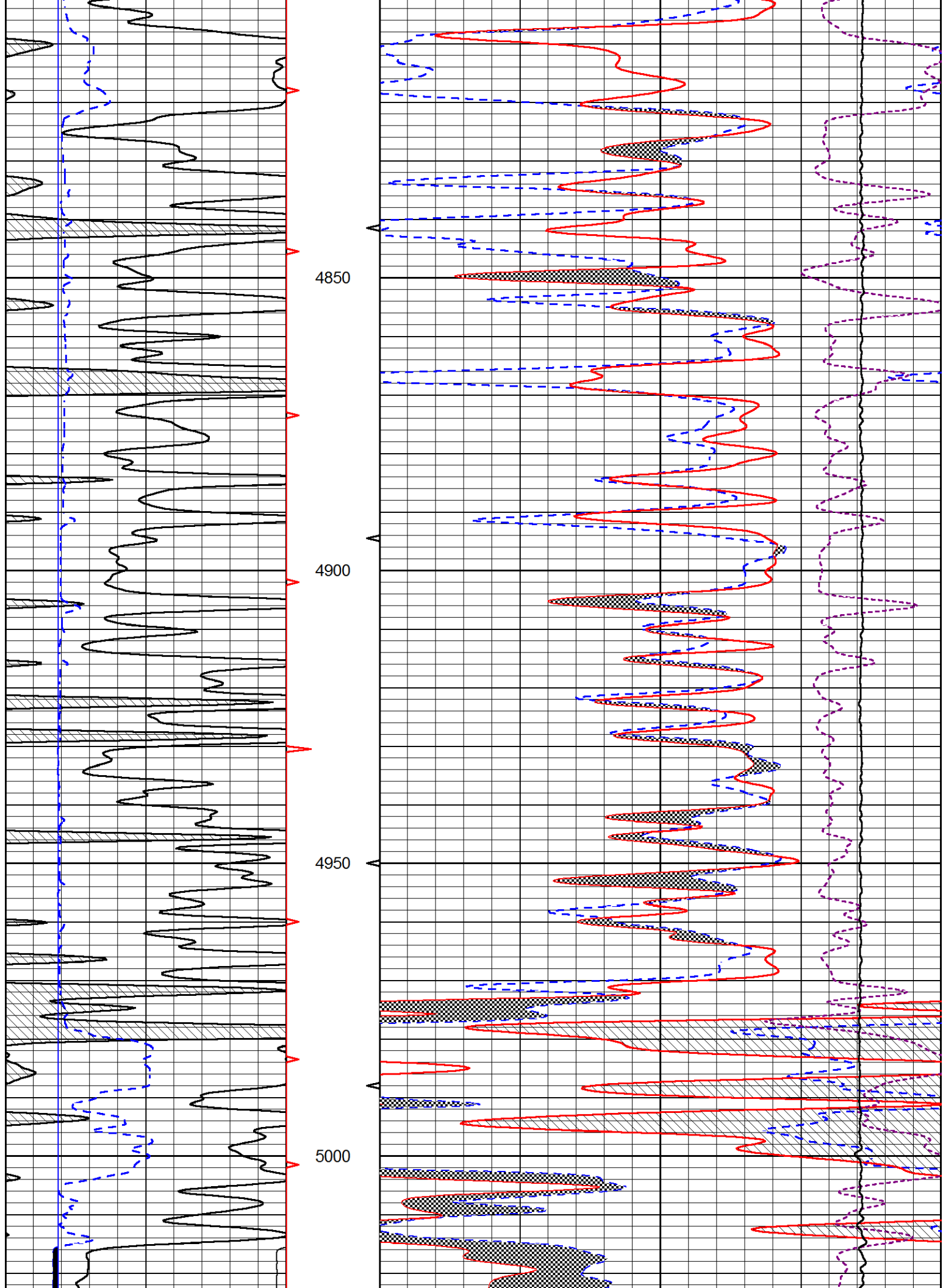


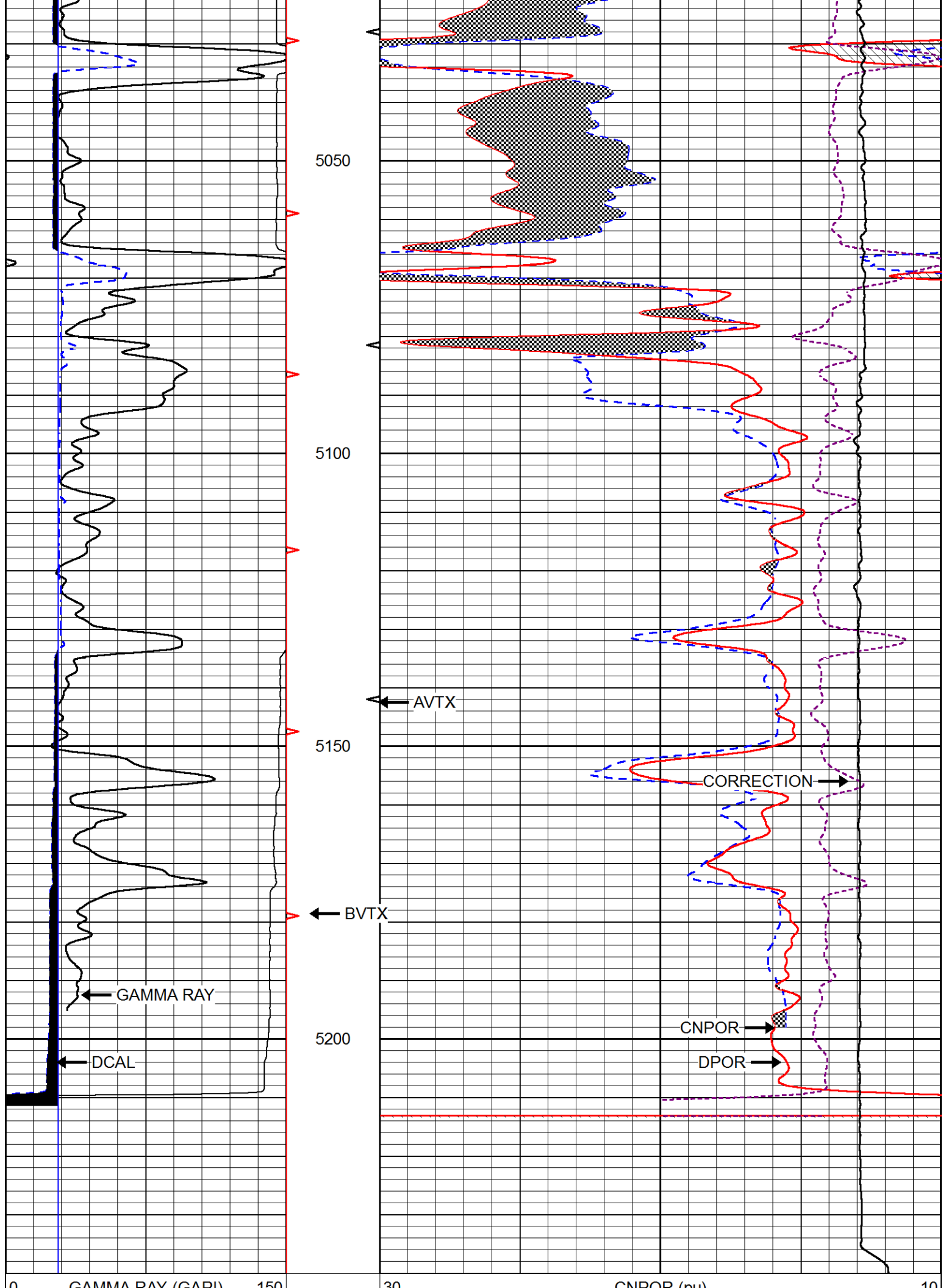












0	GAMMA RAY (GAPI)	150
6	DCAL (in)	16

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



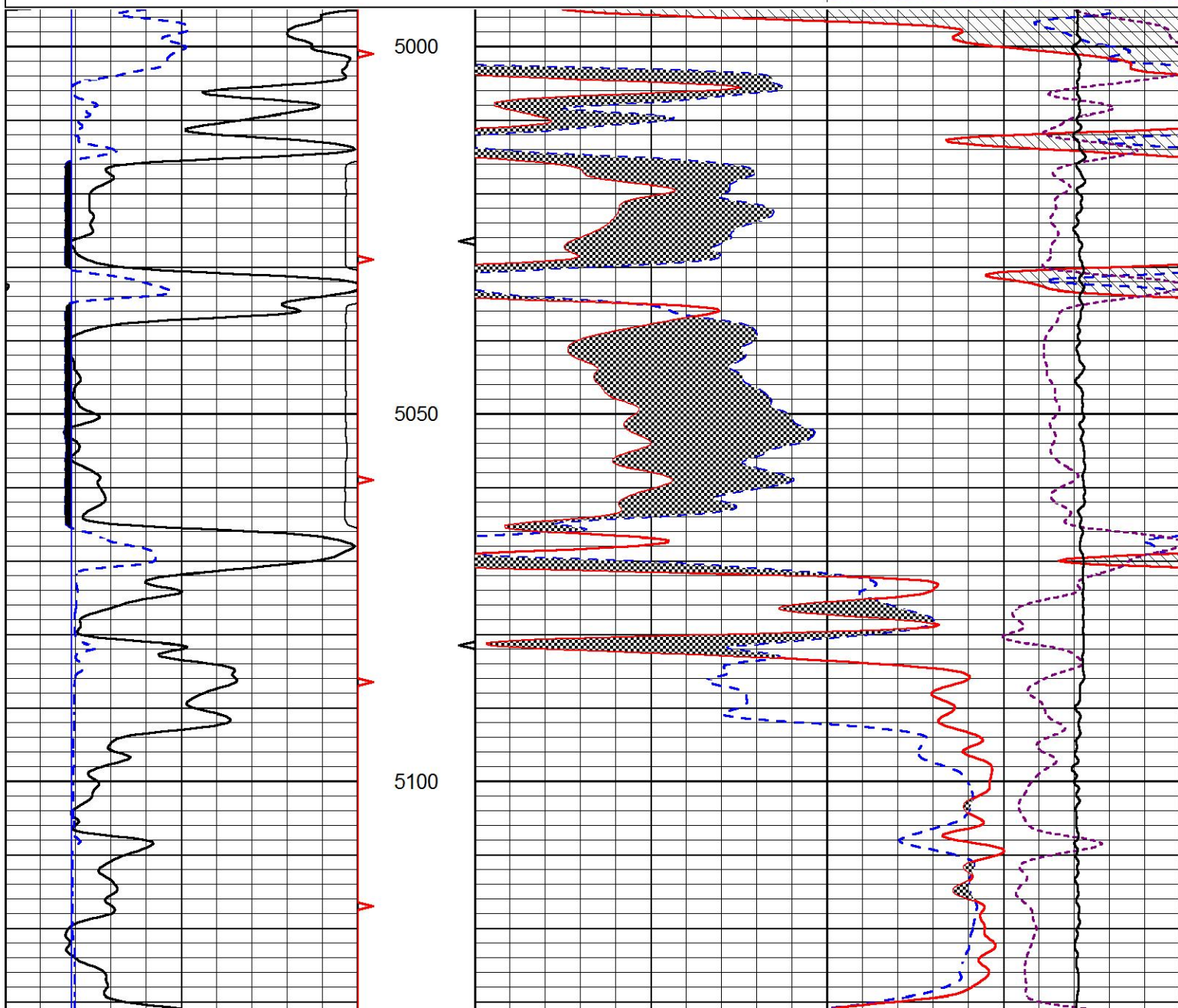
MIDWEST WIRELINE

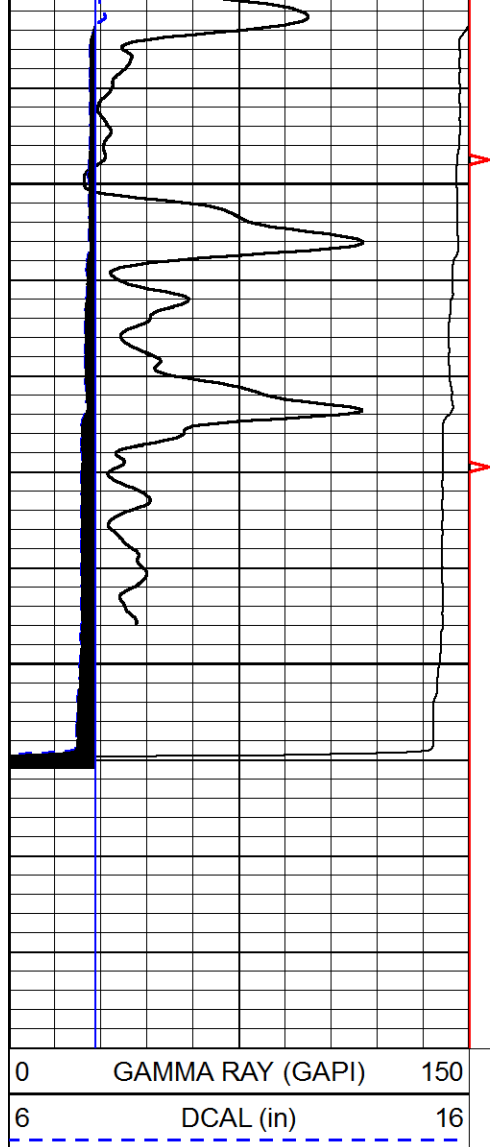
REPEAT SECTION

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Presentation Format _CNDLS~1
Dataset Creation Tue Jun 08 00:13:22 2021
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





5150

5200

