



MIDWEST WIRELINE

DUAL COMP POROSITY LOG

Company Thomas Garner, Inc.
Well Jennifer #1
Field Rattlesnake SouthEast
County Stafford State Kansas

Location: API #: 15-185-24099-00-00
479 FNL 3030 FEL
SEC 18 TWP 24S RGE 13W
Permanent Datum Ground Level Elevation 1928
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing
Other Services
DIL/MEL
BHCS
Elevation
K.B. 1941
D.F.
G.L. 1928

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Date	12/3/2021
Run Number	One
Type Log	CNL/CDL
Depth Driller	4375
Depth Logger	4380
Bottom Logged Interval	4351
Top Logged Interval	3375
Type Fluid In Hole	Chemical
Salinity, PPM CL	9300
Density	9.25
Level	Full
Max. Rec. Temp. F	120
Operating Rig Time	5 Hours
Equipment -- Location	P-24 Hays
Recorded By	D. Schmidt
Witnessed By	Keith Reavis

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	0	399	8.625	23	0	399
Two	7.875	399	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.

St. John.
South to Old 50 Rd, 2 West,
1 South, 1/2 West,
South into

Log Measured From: Kelly Bushing 13 Ft. Above Permanent Datum

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

Your Midwest Wireline Crew

Engineer: D. Schmidt
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: Keith Reavis
Secondary Witness:
Secondary Witness:
Secondary Witness:

Sensor	Offset (ft)	Schematic		Description	Length (ft)	O.D. (in)	Weight (lb)				
GR	40.33			GR-M&W (233-M&W)	3.00	3.50	50.00				
CNLSC CNSSC	37.23 36.48			CNT-M&W (207-MW)	5.00	3.50	100.00				
LSD DCAL SSD	28.18			CDL-M&W (934-226)	8.50	4.00	250.00				
	28.17			ML-PSIML (PSI-01) GO Micro log tools converted to Simplec electronics	7.58	4.00	65.00				
	27.68										
MCAL MI MN	19.58 19.58 19.58			DIL-PSI HIGH TEMP (952-828)	18.25	3.50	220.00				
RLL3F RLL3	15.50 15.50										
CILD	8.33										
CILM	4.50										
SP	0.20										
Dataset: thomgarner_jennifer 1.db: field/well/stkml/pass3.4 Total length: 42.33 ft Total weight: 685.00 lb O.D.: 4.00 in											

Log Variables

DatabaseC:\ProgramData\Warrior\Data\thomgarner_jennifer 1.db
Dataset field/well/stkml/pass3.4/_vars_

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
1	in	degF	in	in	g/cc	2	g/cc
	7.875	120	5.5	0	1		2.71
NPORSEL	PERFS	SNDERR	SNDERRM	SPSHIFT	SRFTEMP	SZCOR	TDEPTH
Limestone	0	mmho/m	mmho/m	mV	degF	Off	ft
		0	0	165	50		4380

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



MIDWEST WIRELINE

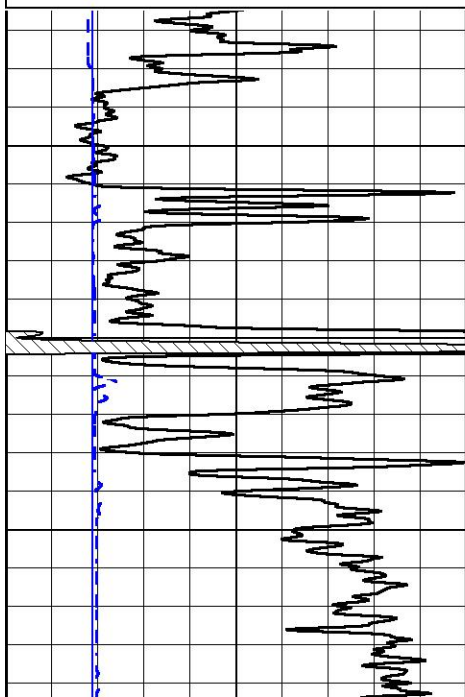
2" SCALE BULK DENSITY

MAIN PASS

Database File thomgarner_jennifer 1.db
Dataset Pathname stkml/pass4.1
Presentation Format _cdl
Dataset Creation Fri Dec 03 10:32:19 2021
Charted by Depth in Feet scaled 1:600

0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

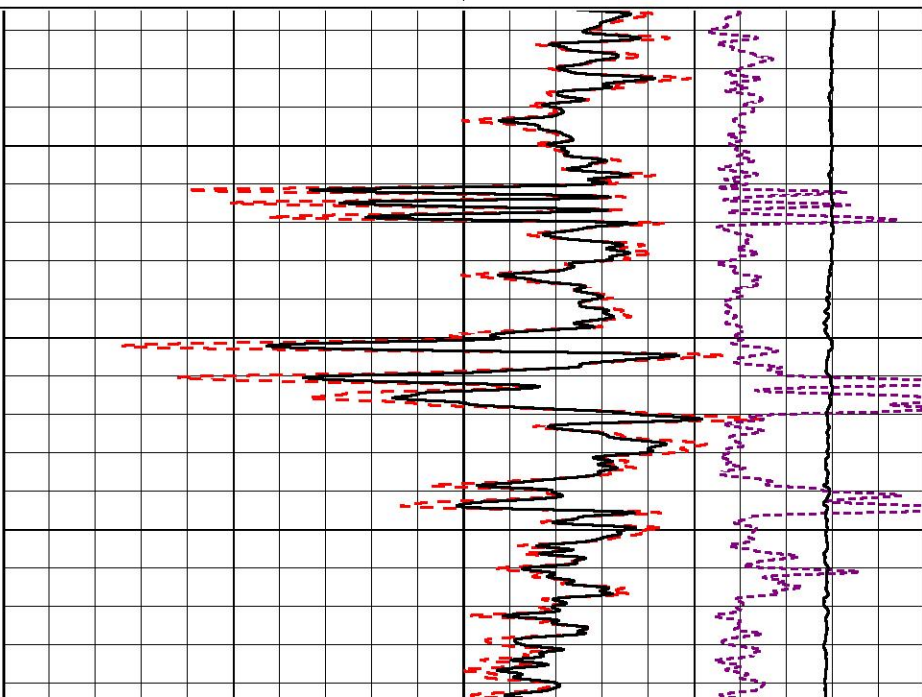
30	Compensated Density (pu)	-10
2	Bulk Density (g/cc)	3
15000	Line Tension (lb)	0
-0.25	Correction (g/cc)	0.25

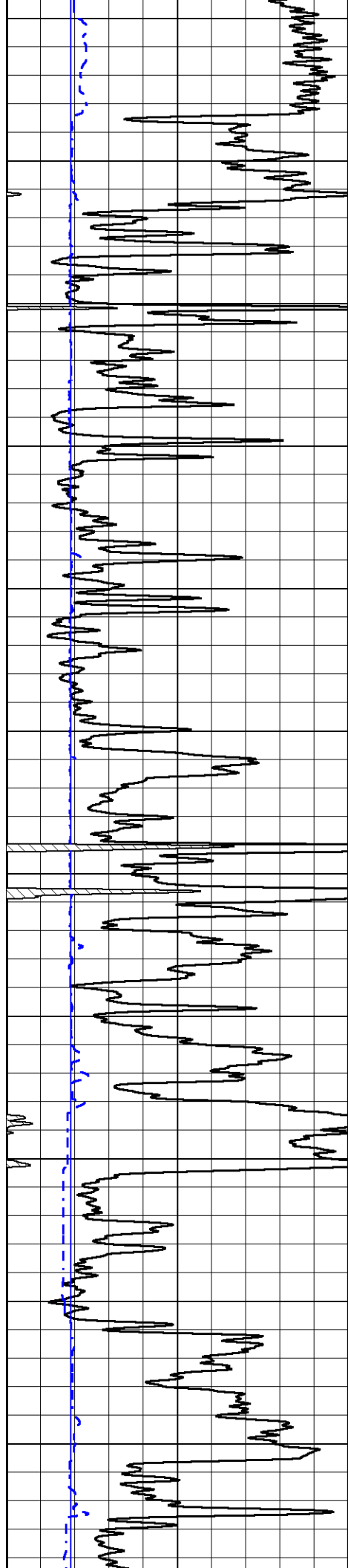


3400

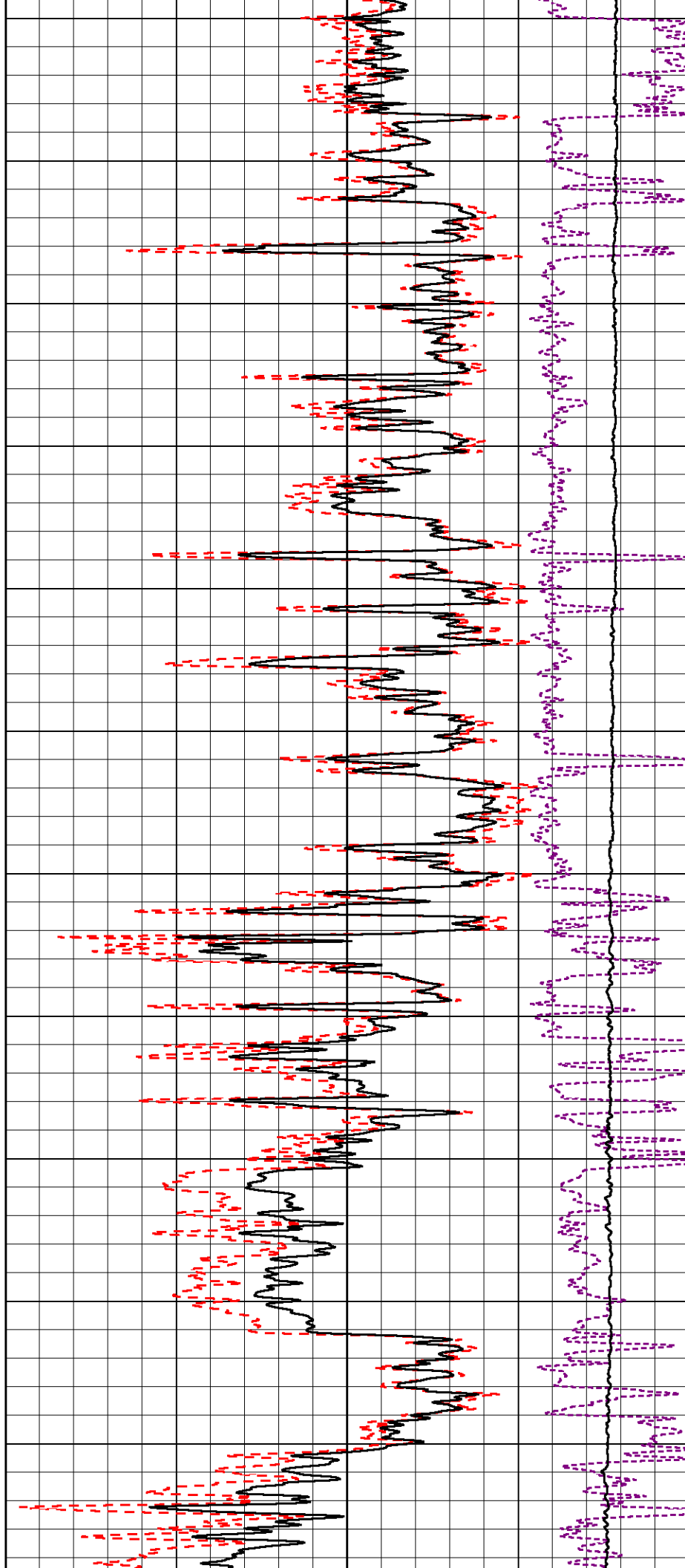
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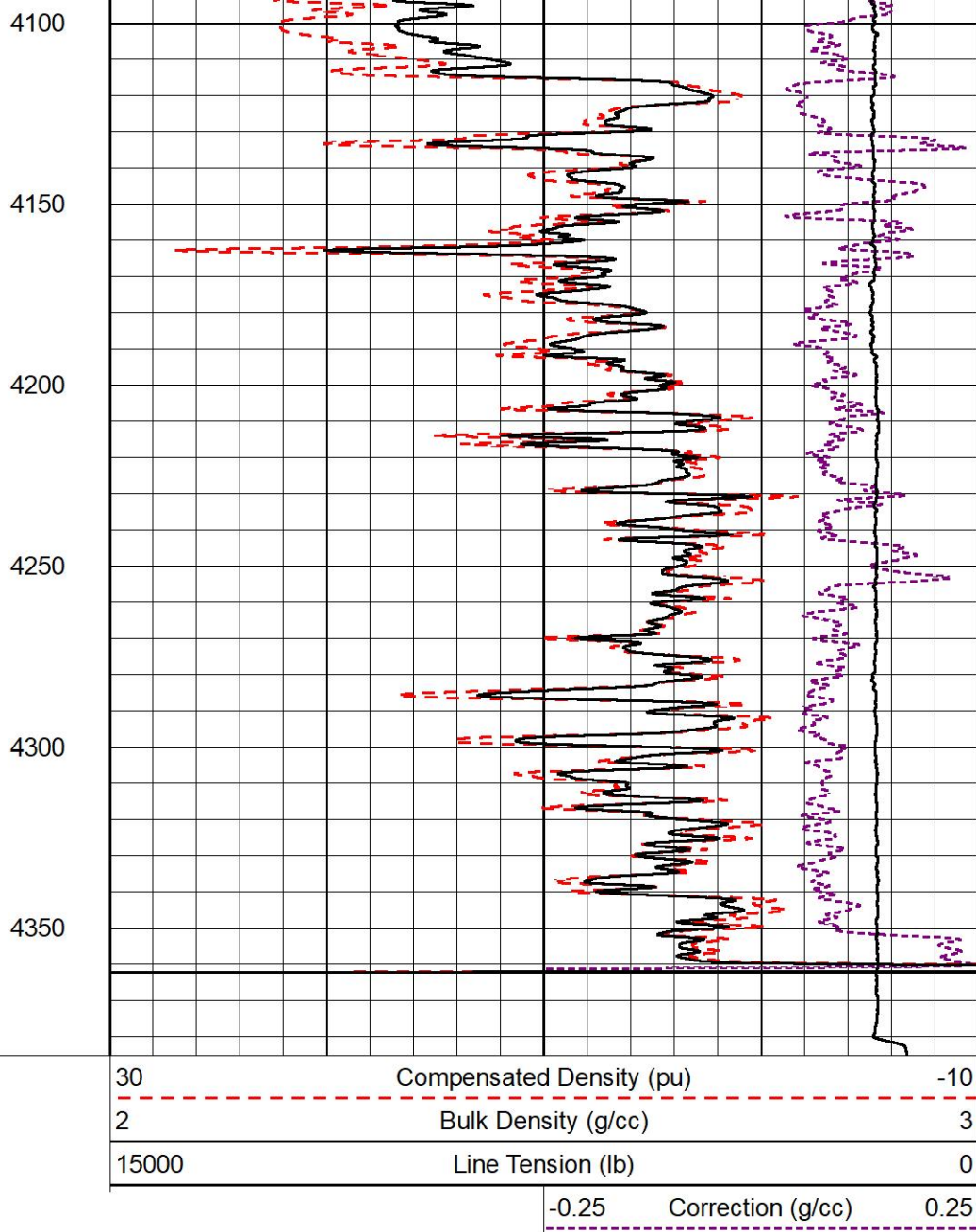
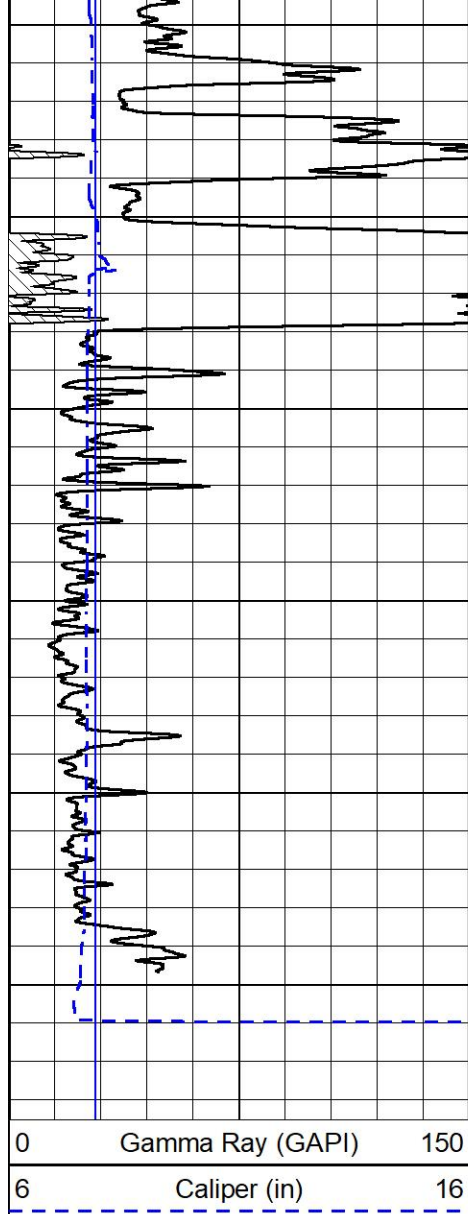
3500





3550
3600
3650
3700
3750
3800
3850
3900
3950
4000
4050

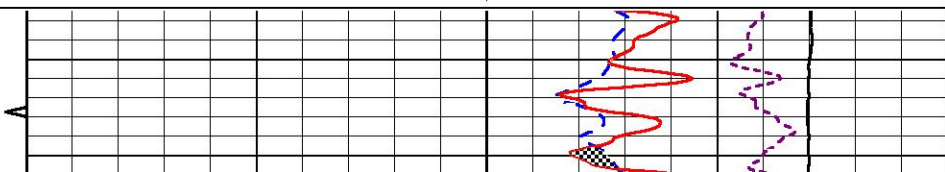
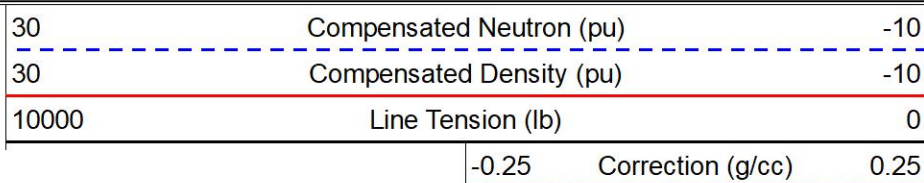
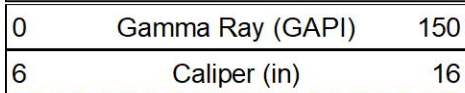


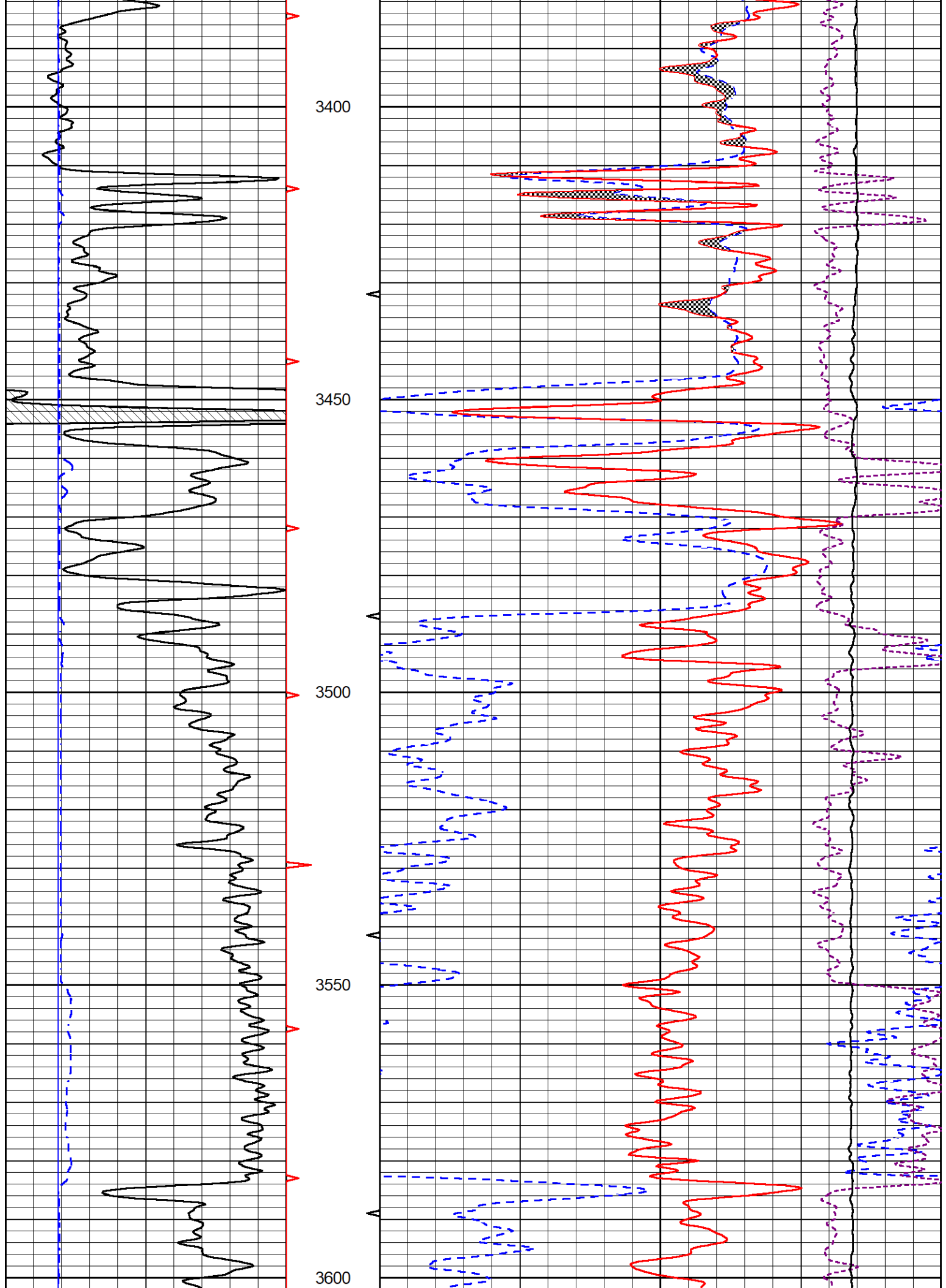


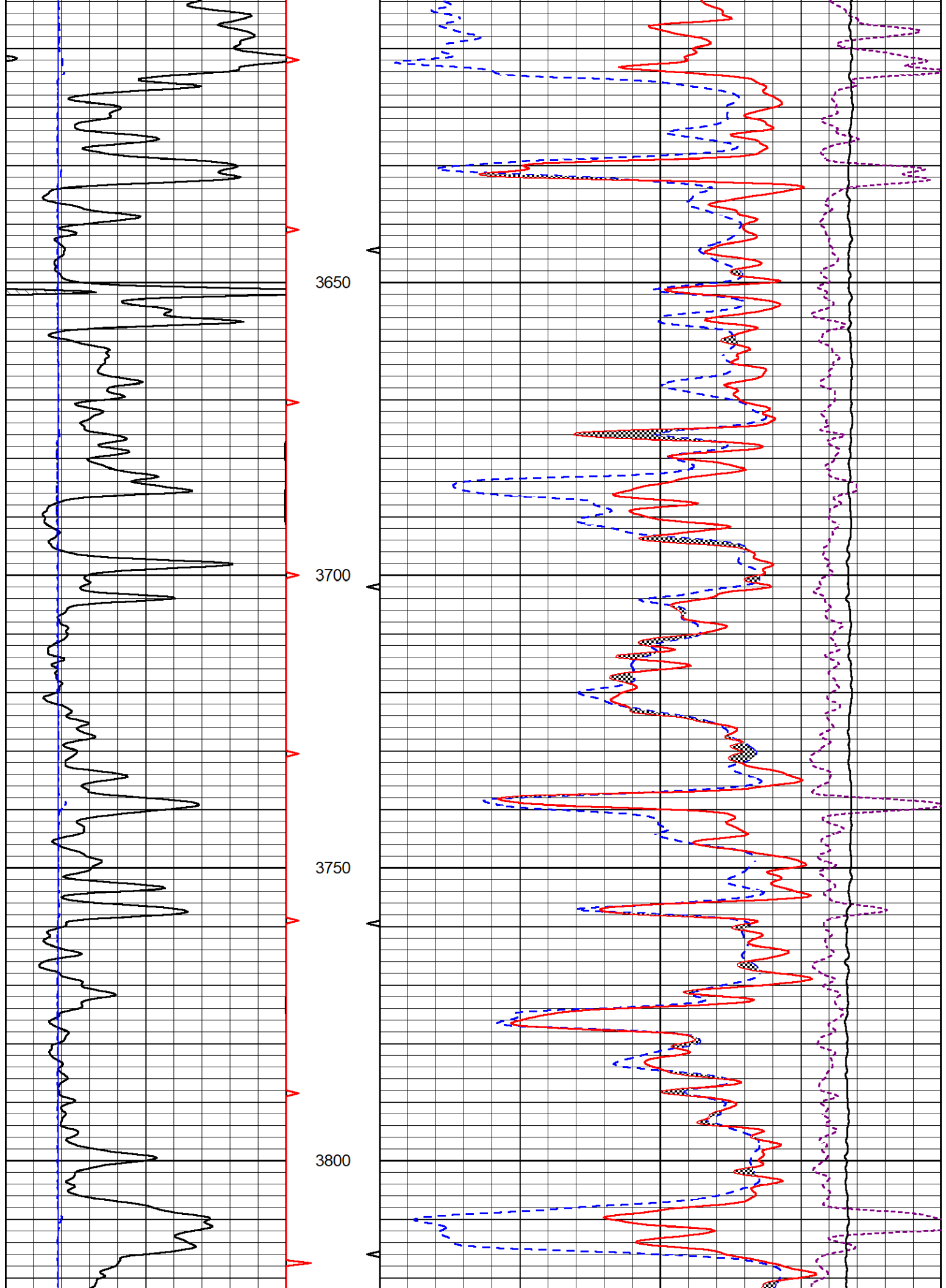
DETAIL SECTION

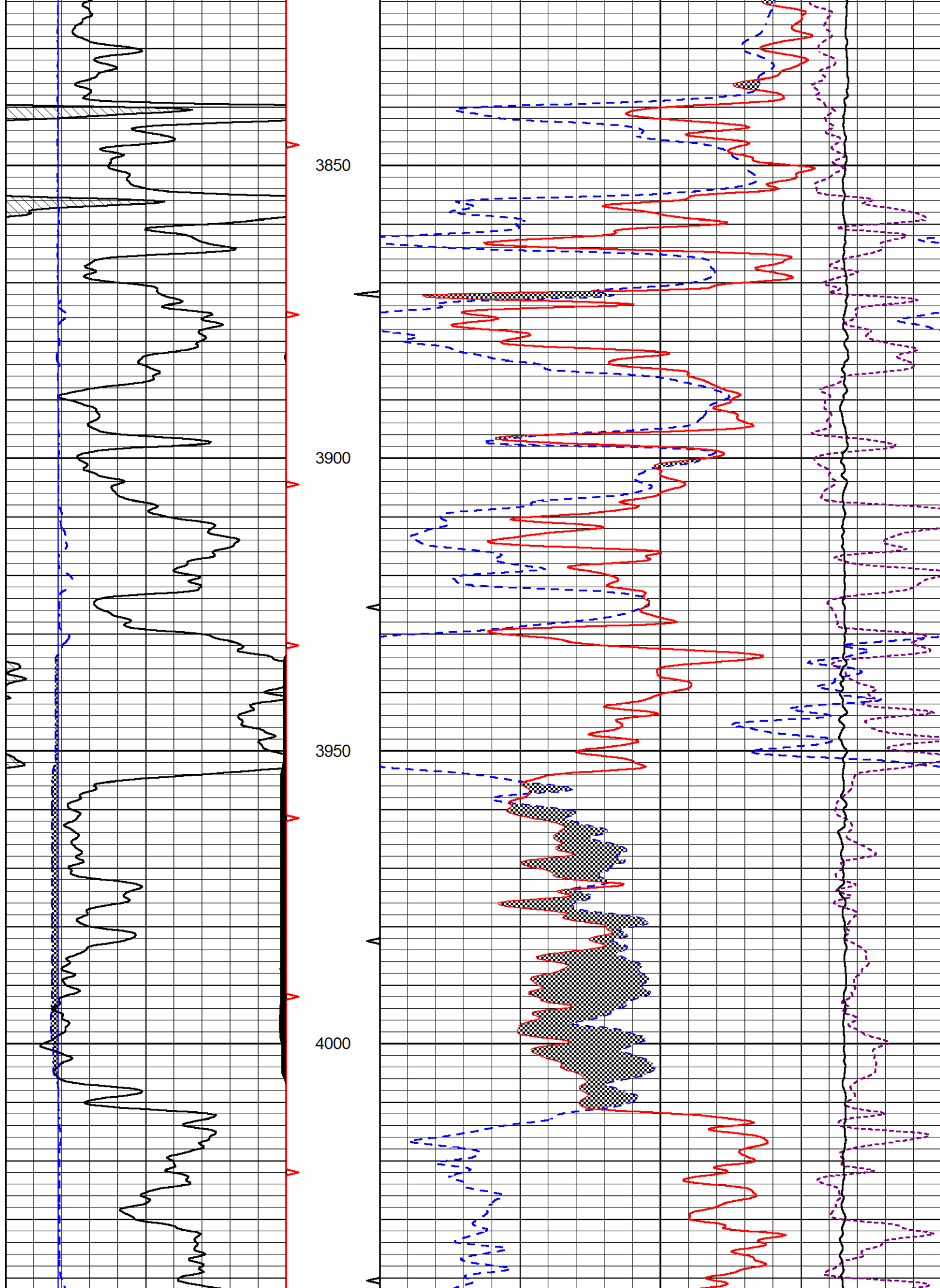
MAIN PASS

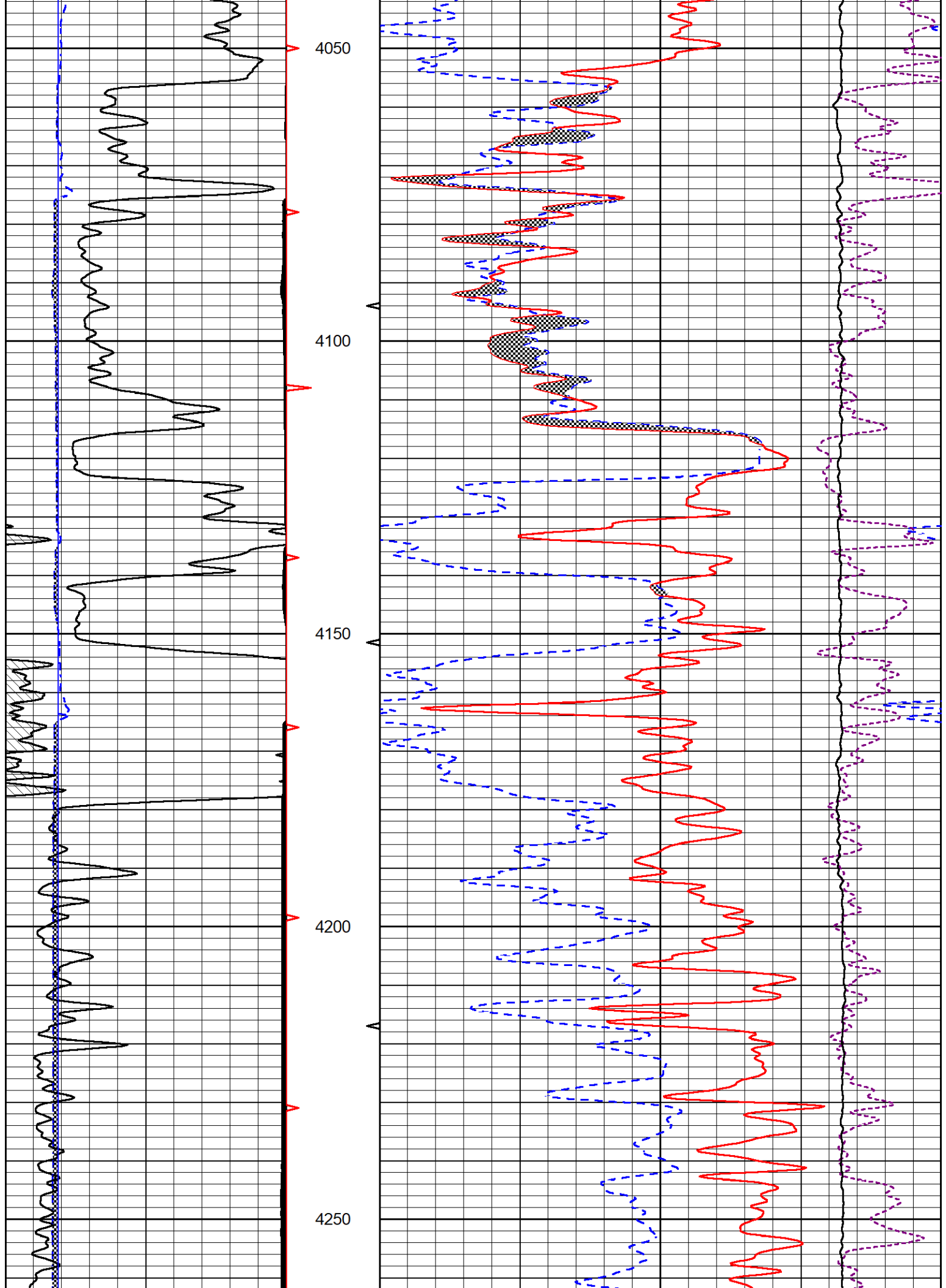
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 Presentation Format _CNDLS~1
 Dataset Creation Fri Dec 03 10:24:41 2021
 Charted by Depth in Feet scaled 1:240

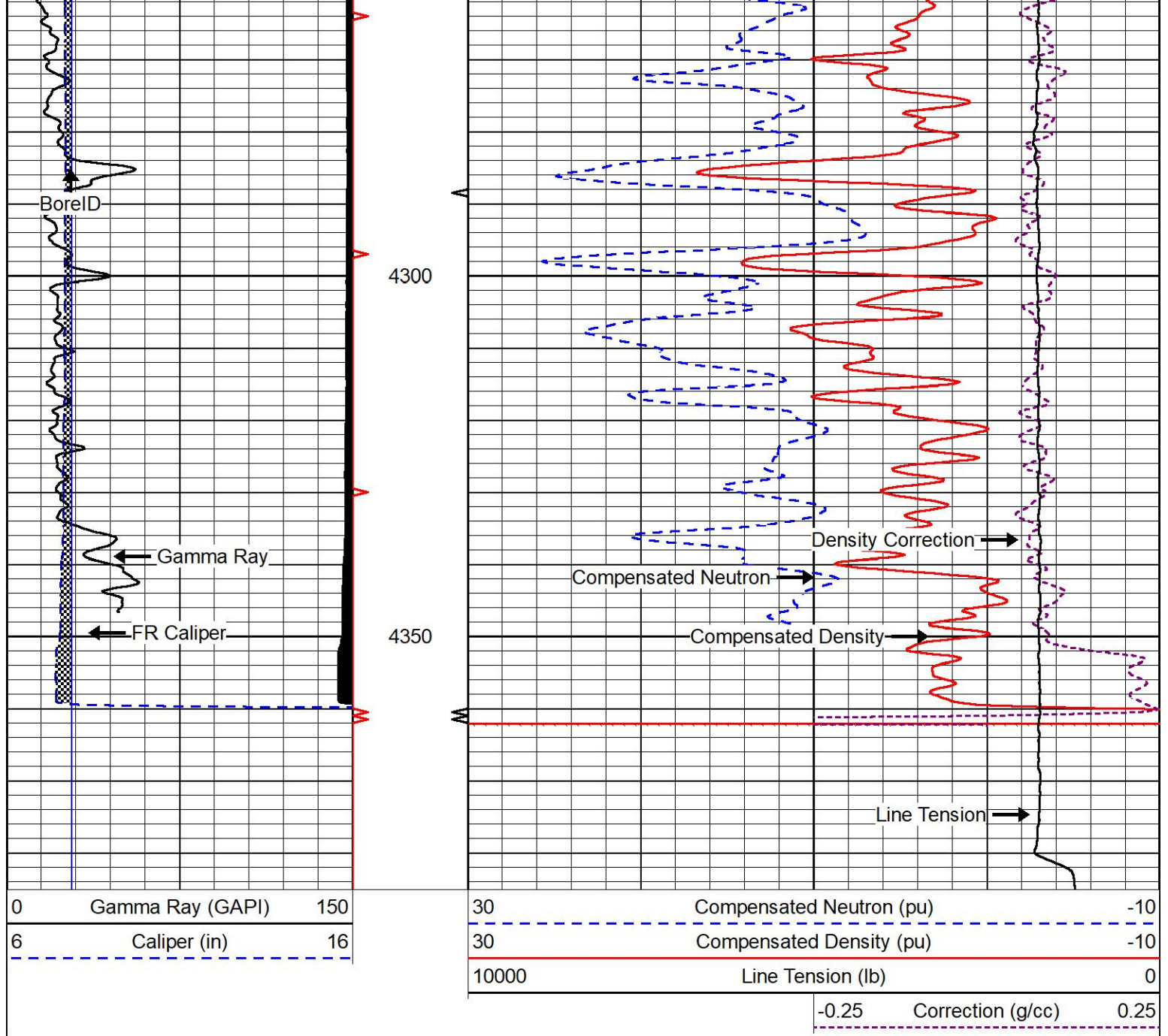










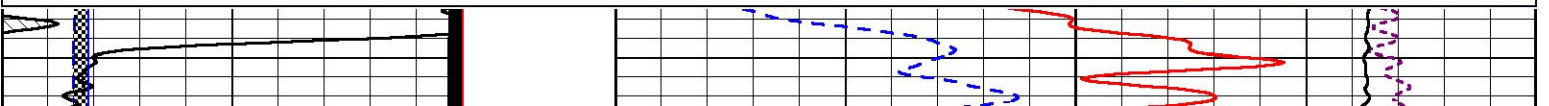


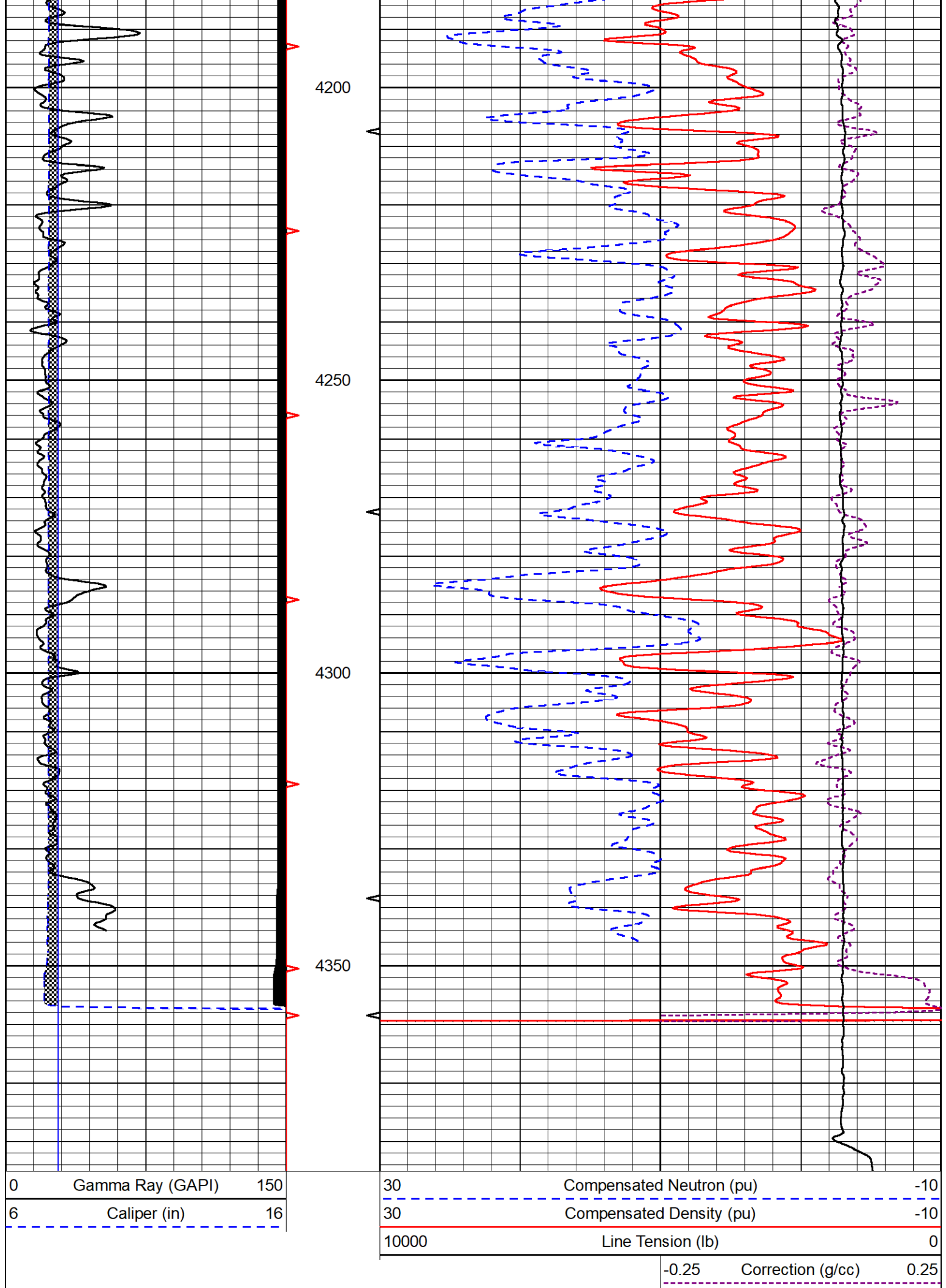
REPEAT SECTION

REPEAT PASS

Database File thomgarner_jennifer 1.db
 Dataset Pathname stkml/pass2.1
 Presentation Format _CNDLS~1
 Dataset Creation Fri Dec 03 09:42:23 2021
 Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	30	Compensated Neutron (pu)	-10
6	Caliper (in)	16	30	Compensated Density (pu)	-10
			10000	Line Tension (lb)	0
				-0.25	Correction (g/cc) 0.25







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Field	Rattlesnake SouthEast
County	Stafford
State	Kansas