

DUAL COMP POROSITY MICRO & DUAL IND LOG

MIDWEST WIRELINE

Company Berexco, LLC
Well Anderson #2-28
Field Amazon Ditch East
County Finney
State Kansas

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Field Amazon Ditch East
County Finney State Kansas

Location: API #: 15-055-22617-00-00

Other Services

SEC 28 TWP 22S RGE 34W
2146 FNL & 868 FEL

BHCS

Permanent Datum Ground Level Elevation 2946
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

K.B. 2959
D.F.
G.L. 2946

Date 9/12/2024

Run Number One

Type Log CNL/CDL/ML/DIL

Depth Driller 4900

Depth Logger 4897

Bottom Logged Interval 4896

Top Logged Interval 3700

Type Fluid In Hole Chemical

Salinity, PPM CL 1030

Density 9.2

Level Full

Max. Rec. Temp. F 125

Operating Rig Time 5 Hours

Equipment -- Location 110 HAYS

Recorded By D. Schmidt

Witnessed By Pete Vollmer

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	0	1686	8.625	23	0	1686
Two	7.875	1686	TD				

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All interpretations are opinions based on inferences from electrical or other measurements and Midwest Wireline LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Midwest Wireline 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.

Scott City,
South On Hwy 83 to W Barlow Rd,
West to N Big Low Rd, 1 South, 3 West, 1/4 South,
West 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: Pete Vollmer
Secondary Witness:
Secondary Witness:
Secondary Witness:

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
1	in	degF	in	in	g/cc	2	g/cc
	7.875	125	5.5	0	1		2.71
NPORSEL	PERFS	SNDERR	SNDERRM	SPSHIFT	SRFTEMP	SZCOR	TDEPTH
Limestone	No	mmho/m	mmho/m	mV	degF	Off	ft
		4	-1	155	90		4897

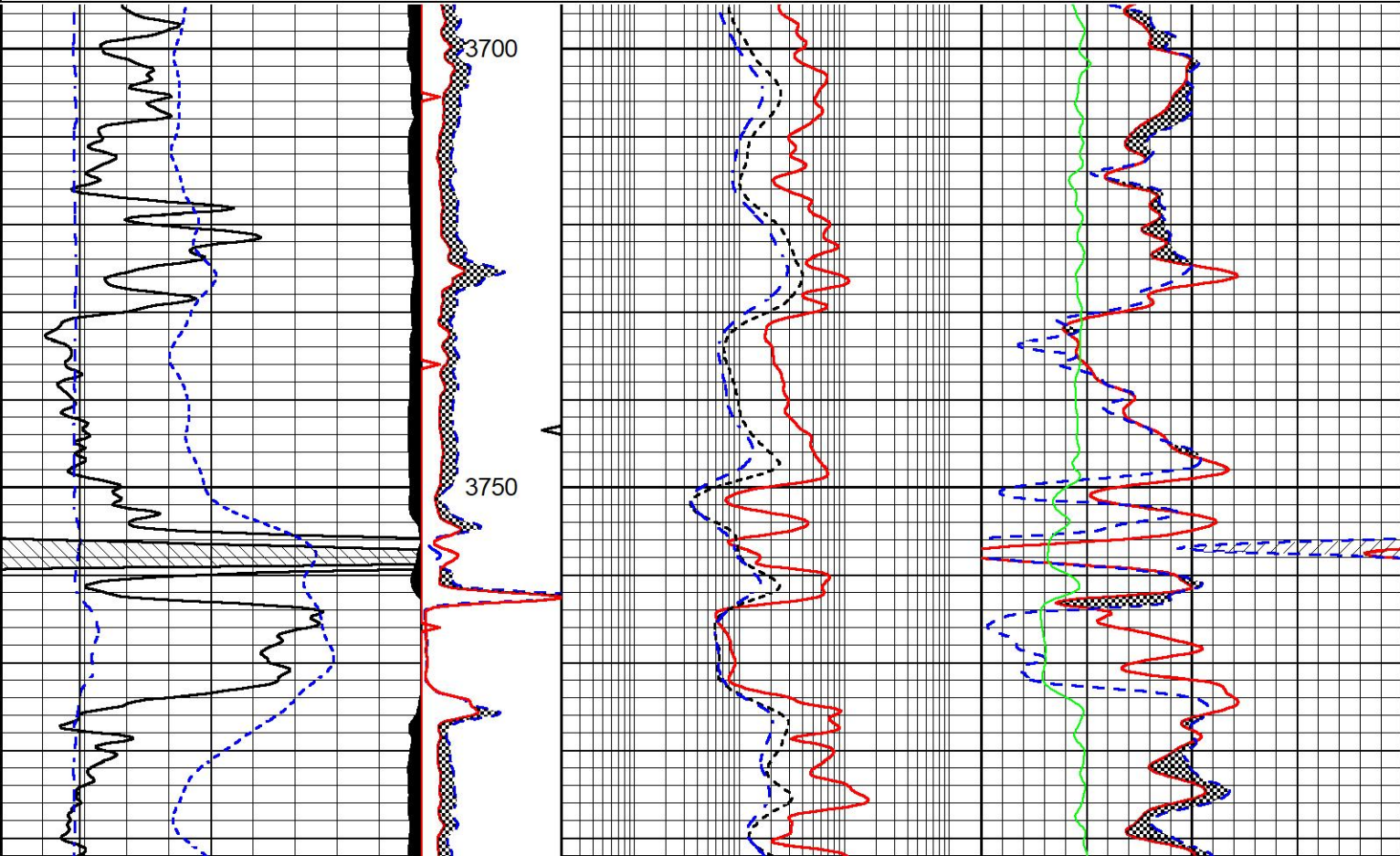


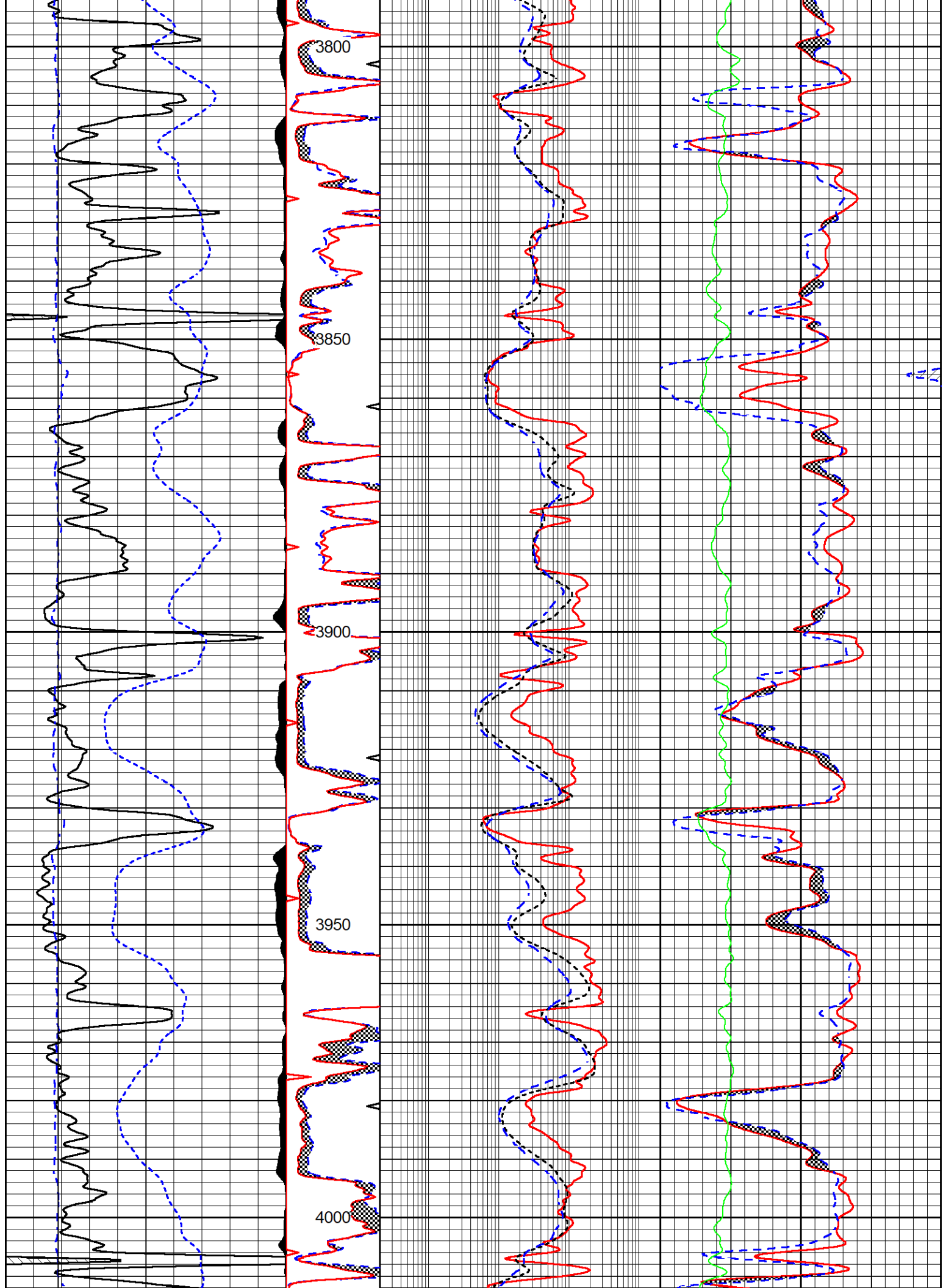
DETAIL SECTION

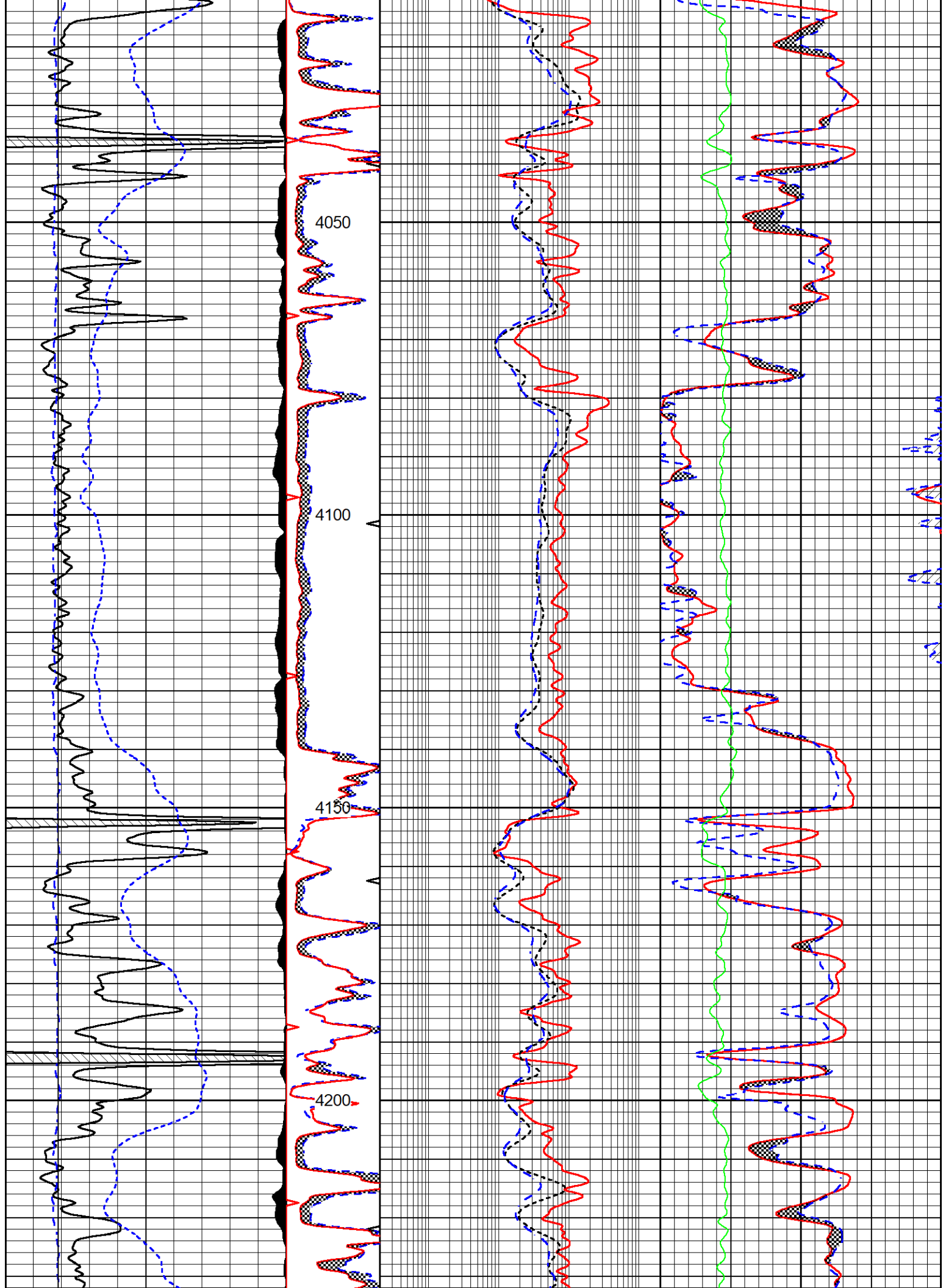
MAIN PASS

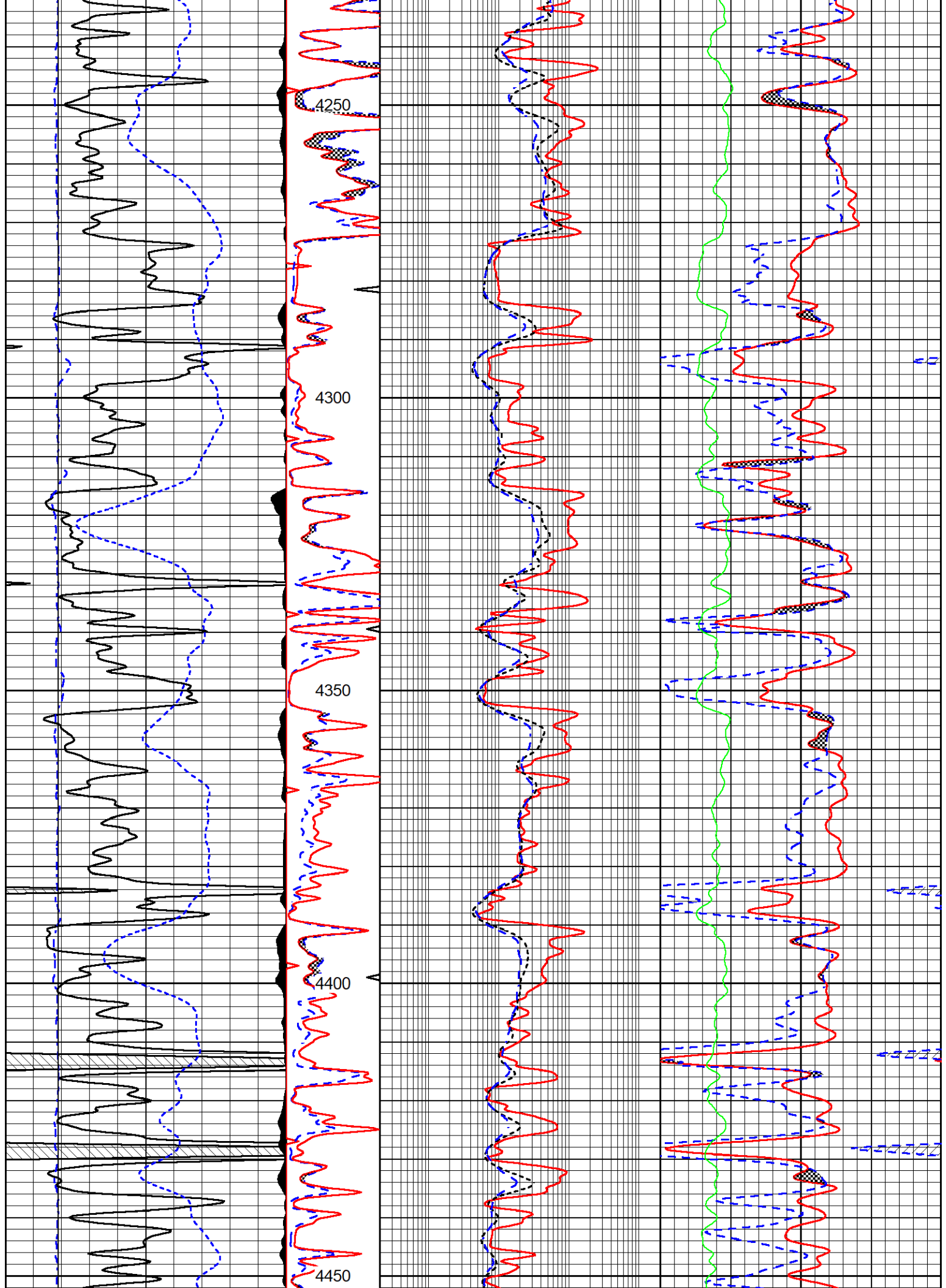
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Dataset Pathname stkml/pass3.1
Presentation Format jamex
Dataset Creation Thu Sep 12 21:58:43 2024
Charted by Depth in Feet scaled 1:240

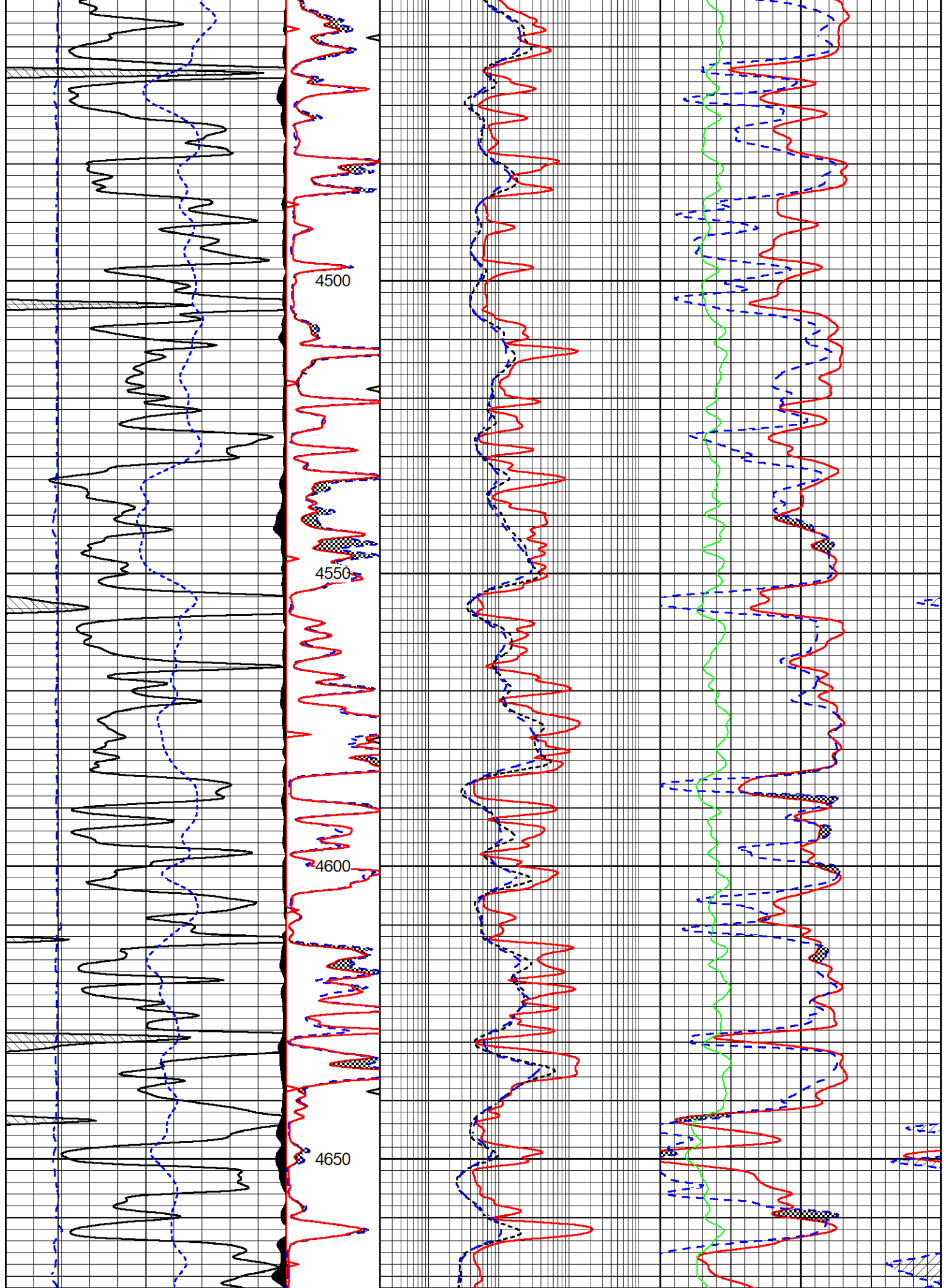
0	Gamma Ray (GAPI)	150	MN	0.2	Shallow Guard (Ohm-m)	2000	30	PORL (pu)	-10
6	mcal (in)	16	(Ohm-m)	0.2	Medium Induction (Ohm-m)	2000	30	Neutron Porosity (pu)	-10
-200	SP (mV)	0	0 20	0.2	Deep Induction (Ohm-m)	2000	0	PECLN	20
6	Bit Size	16	MI						
			(Ohm-m)						
			0 20						

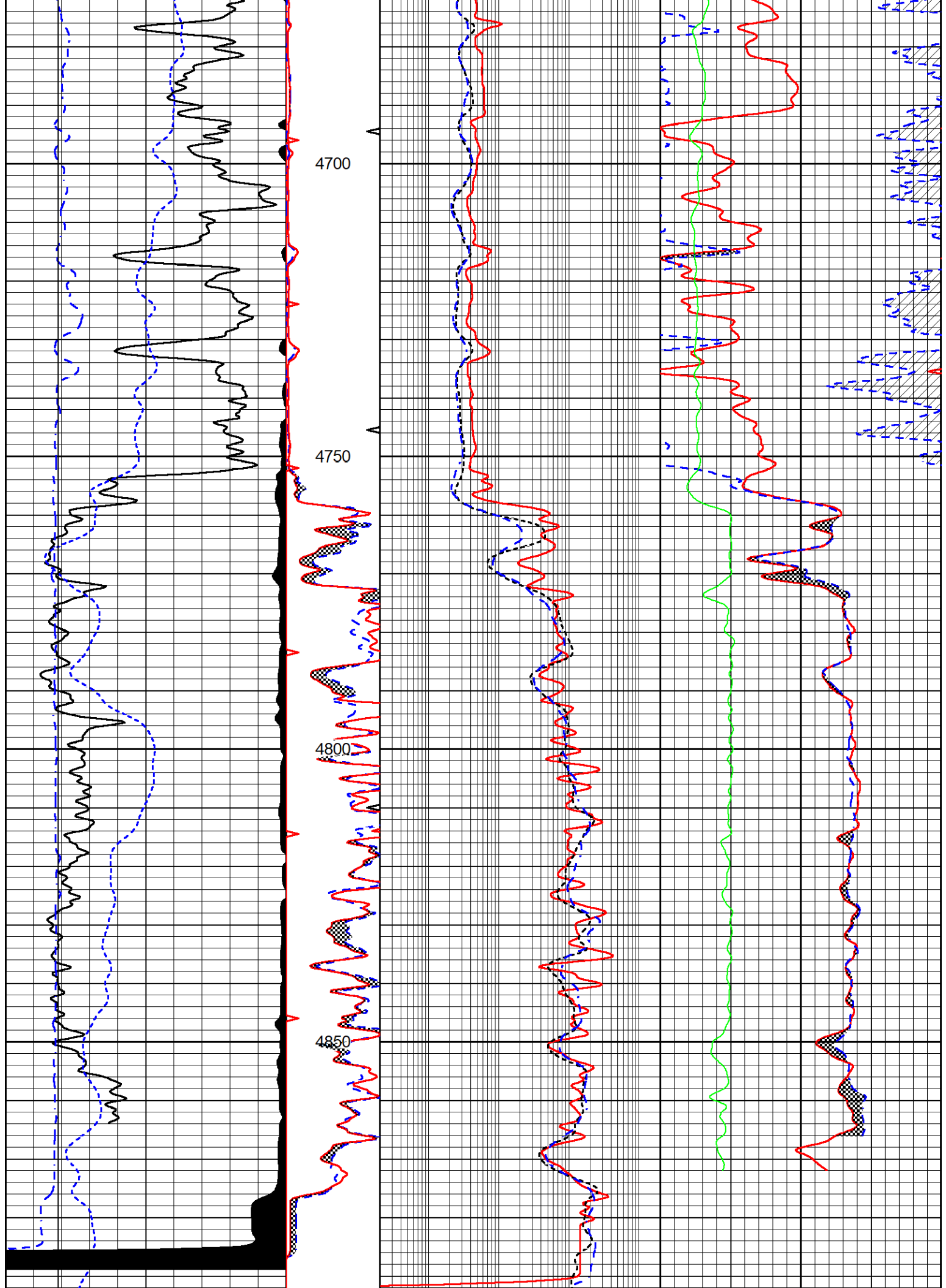


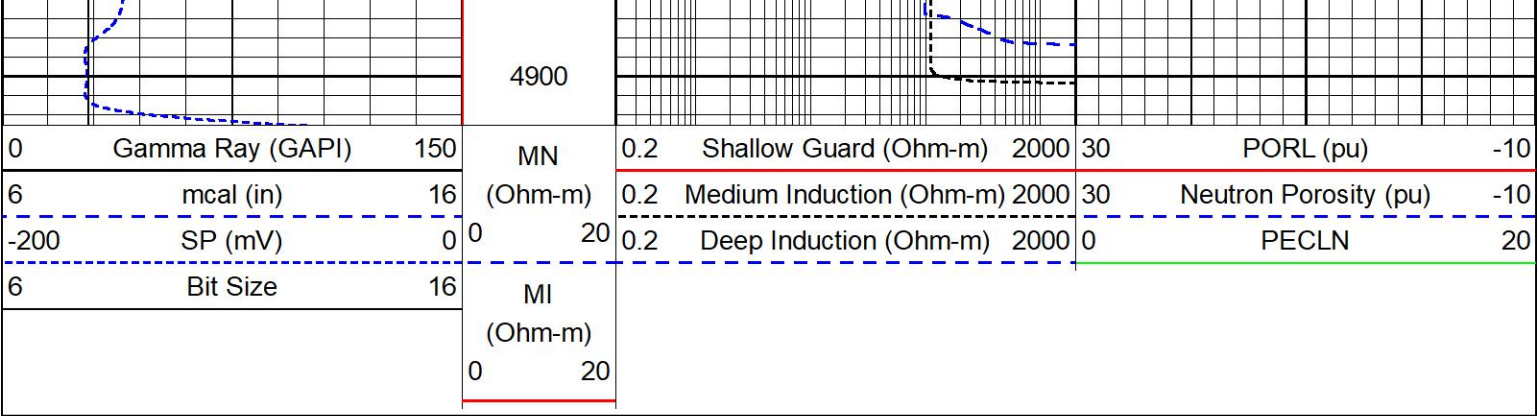










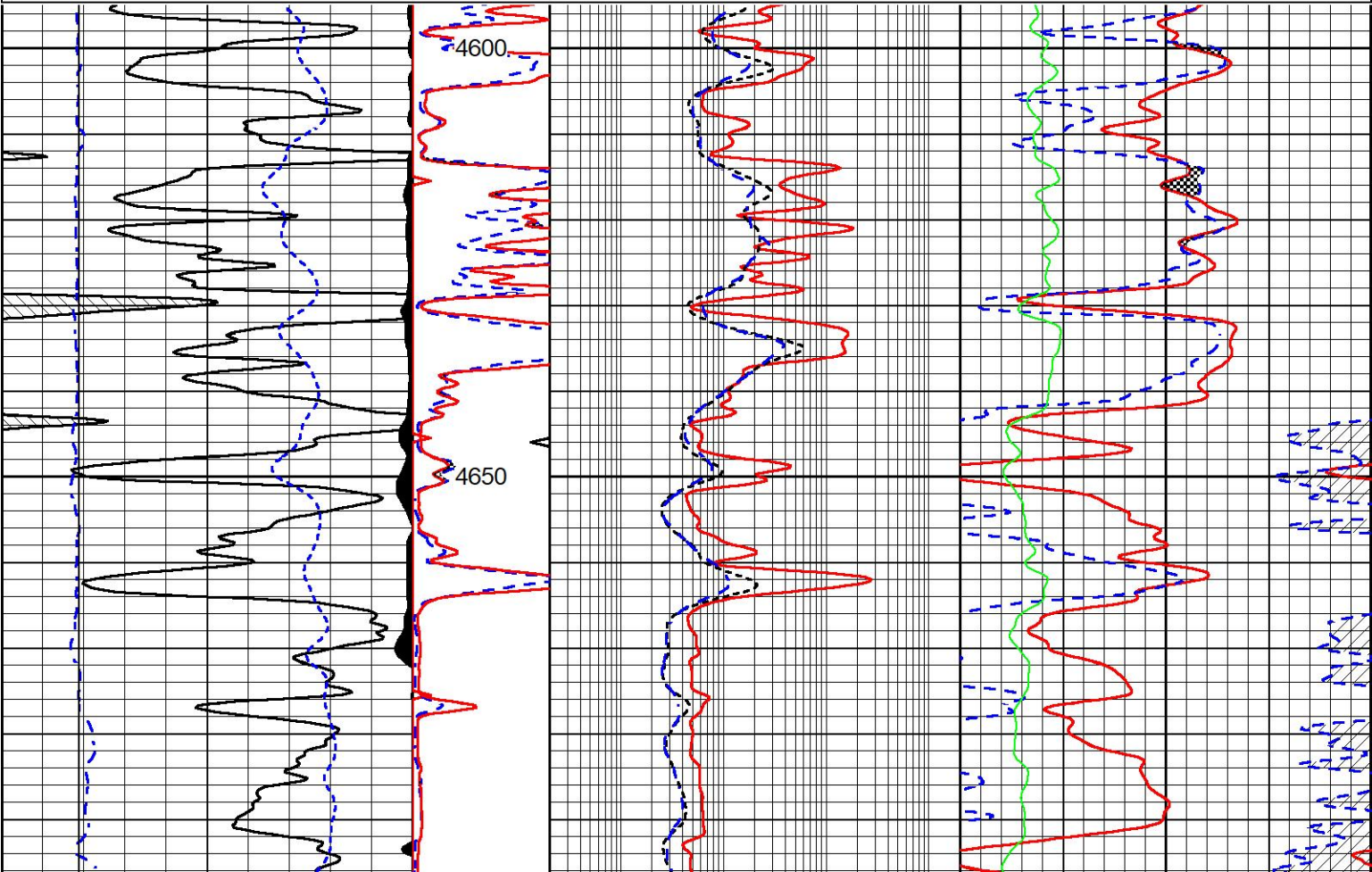
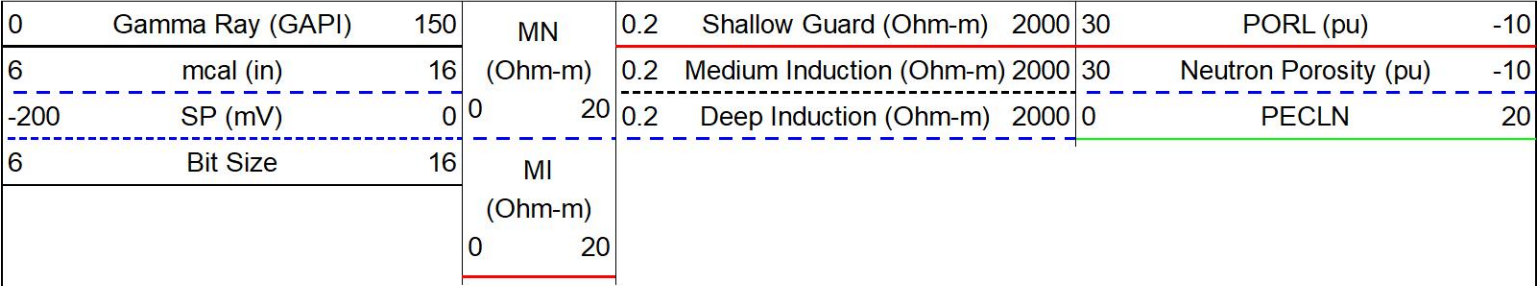


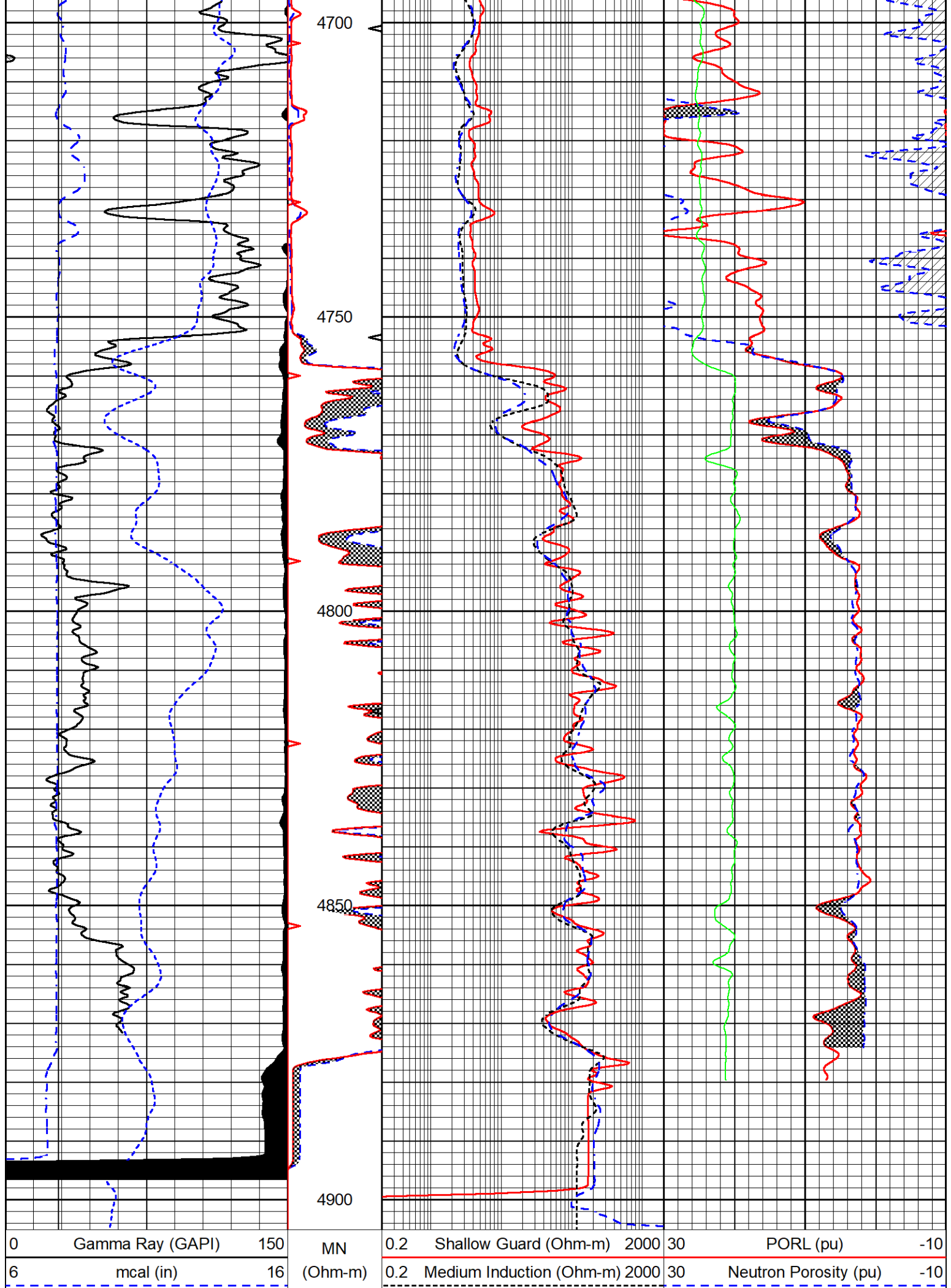
MIDWEST WIRELINE

REPEAT SECTION

REPEAT PASS

Database File berexco_anderson 2-28.db
Dataset Pathname stkml/pass2.1
Presentation Format jamex
Dataset Creation Thu Sep 12 21:43:50 2024
Charted by Depth in Feet scaled 1:240





-200	SP (mV)	0	0	20	0.2	Deep Induction (Ohm-m)	2000	0	PECLN	20
6	Bit Size	16	MI							
			(Ohm-m)							
			0	20						

Calibration Report

Database File	berexco_anderson 2-28.db
Dataset Pathname	stkml/pass3.1
Dataset Creation	Thu Sep 12 21:58:43 2024

Dual Induction Calibration Report

Serial-Model: 508A-M&W
Surface Cal Performed: Thu Aug 29 21:13:42 2024

	Readings		References		Results		
Loop:	Air	Loop	Air	Loop		m	b
Deep	84.200	428.150	0.000	255.800	mmho/m	0.485	-50.000
Medium	141.000	670.654	0.000	255.800	mmho/m	0.410	-43.500

Microlog Calibration Report

Serial-Model: 402-PSI STKBL ML
Performed: Thu May 30 05:58:00 2024

	Readings		References			Results	
	Zero	Cal	Zero	Cal		m	b
Normal	0.0037	0.0043	0.0000	10.0000	Ohm-m	6500.0000	-0.2000
Inverse	0.1208	0.0013	0.0000	10.0000	Ohm-m	6500.0000	0.0000
Caliper	1.0046	1.1419	5.5000	20.0000	in	50.0000	-44.5500

LITHODENSITY Calibration Report

Serial Number: 703-03
Tool Model: STEP LITHO Short
Performed: Fri May 31 13:59:15 2024

Source:

	Win1	Win2	Win3	Win4	Win5	Win6	Win7	Win8	
Background:									
SS:	56	59	223	276	25	75	46	1	cps
LS:	83	90	344	441	51	132	90	3	cps
Aluminum:									
SS:	1063	1260	2893	2631	48	80	48	3	cps
LS:	1179	2084	3854	1823	62	133	86	5	cps
Magnesium:									
SS:	1756	2035	4740	3894	55	79	49	4	cps
LS:	4981	8390	15059	6054	115	127	85	14	cps
Aluminum+Iron:									
SS:	676	887	2426	2310	45	79	52	2	cps
LS:	700	1495	3280	1630	60	131	90	5	cps

Background:	Density		PE	
	Actual	Calibrated	Actual	Calibrated Quality

SS:						0.236
LS:						0.189
Aluminum:						
SS:	2.6000	2.6000	g/cc			0.249
LS:	2.6000	2.6000	g/cc			0.216
Magnesium:						
SS:	1.6800	1.6800	g/cc	2.5700	2.5700	0.232
LS:	1.6800	1.6800	g/cc	2.5700	2.5700	0.198
Aluminum+Iron:						
SS:					6.1800	0.208
LS:					6.1800	0.188

Caliper:	Reference:	Reading:
Small Ring:	6.0 in	1.0
Large Ring:	14.0 in	1.0
Gain:	12.765	
Offset:	2.050	

Compensated Neutron Calibration Report
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Serial Number:	210
Tool Model:	M&W

CALIBRATION				
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:	105	
Tool Model:	M&W	
Performed:	Sat Oct 21 23:48:19 2023	
Calibrator Value:	500.0	GAPI
Background Reading:	24.0	cps
Calibrator Reading:	637.0	cps
Sensitivity:	0.6000	GAPI/cps

 MIDWEST WIRELINE	Company	Berexco, LLC
	Well	Anderson #2-28
	Field	Amazon Ditch East
	County	Finney
	State	Kansas