



LITHO DENSITY NEUTRON LOG

Company	SCOUT ENERGY PARTNERS	Company	SCOUT ENERGY PARTNERS
Well	FEDERAL FARM MORTGAGE B4 ATU 57	Well	FEDERAL FARM MORTGAGE B4 ATU 57
Field	HUGOTON-PANOMA	Field	HUGOTON-PANOMA
County	STANTON	County	STANTON
State	KS	State	KS
Location:	API # : 15-187-21354 SW/SW/SW/SW 170' FSL & 235' FWL	Other Services DIL SON	
Permanent Datum	SEC 19 TWP 30S RGE 39W	Elevation	
Log Measured From	Ground Level	K.B. 3228	
Drilling Measured From	KB 5' AGL	D.F. 3226	
	KB	G.L. 3223	
Date	7/13/22		
Run Number	One		
Depth Driller	2875		
Depth Logger	2875		
Bottom Logged Interval	2865		
Top Log Interval	700		
Casing Driller	8 5/8" @ 7'14"		
Casing Logger	714		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	9.1/38		
pH / Fluid Loss	8.9/7.8		
Source of Sample	Pit		
Rm @ Meas. Temp	1.1@70degf		
Rmf @ Meas. Temp	.83@70degf		
Rmc @ Meas. Temp	1.32@70degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	.78@98degf		
Time Circulation Stopped	4:00 A.M.		
Time Logger on Bottom	7:45 A.M.		
Maximum Recorded Temperature	98degf		
Equipment Number	T605		
Location	Hays, KS		
Recorded By	GUS PFANENSTIEL		
Witnessed By	JORDAN NORET		

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, 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. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

BIG BOW SOUTH TO 23 RD. 2 WEST.

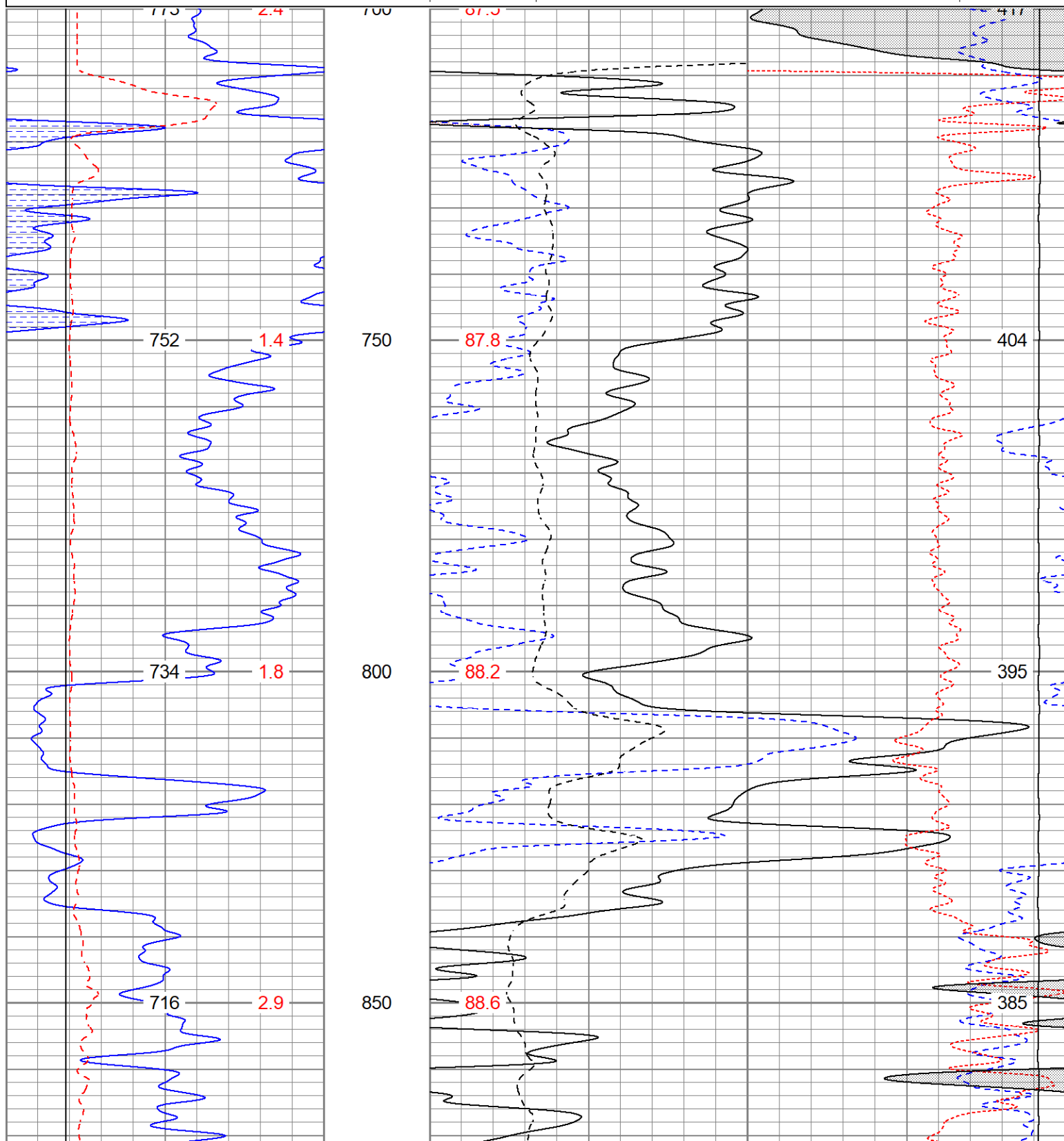
Thank You for using Gemini Wireline LLC
785-625-1182

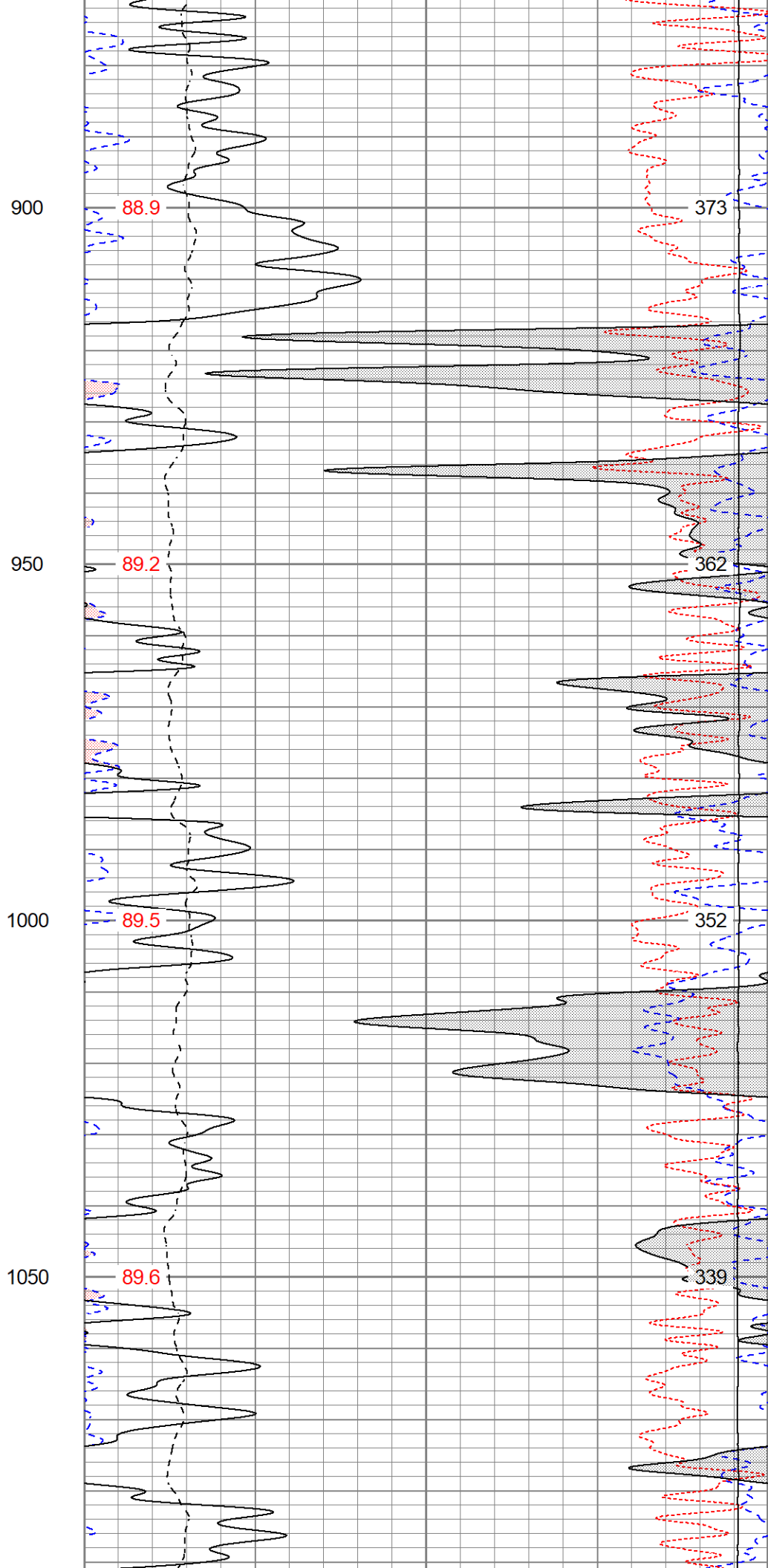
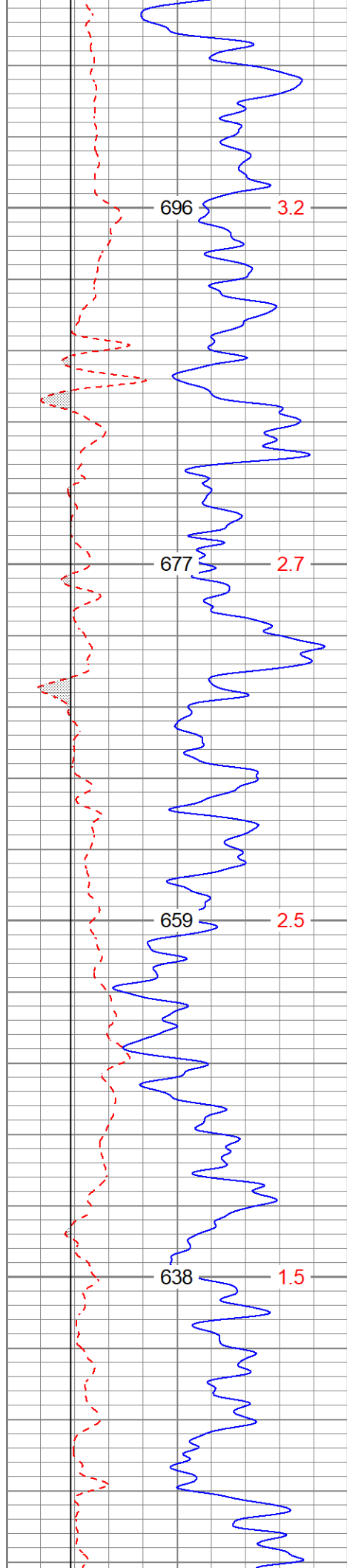


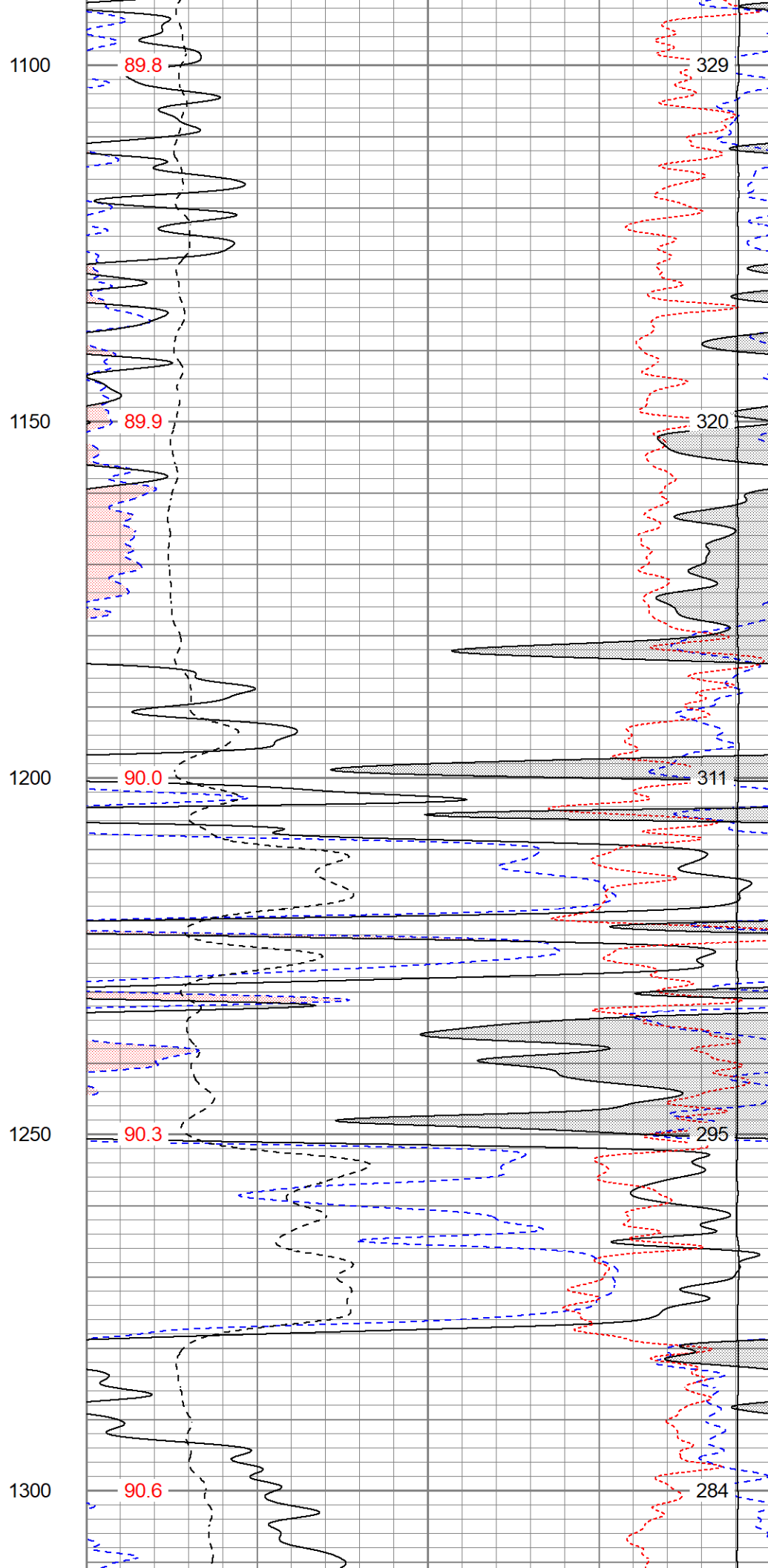
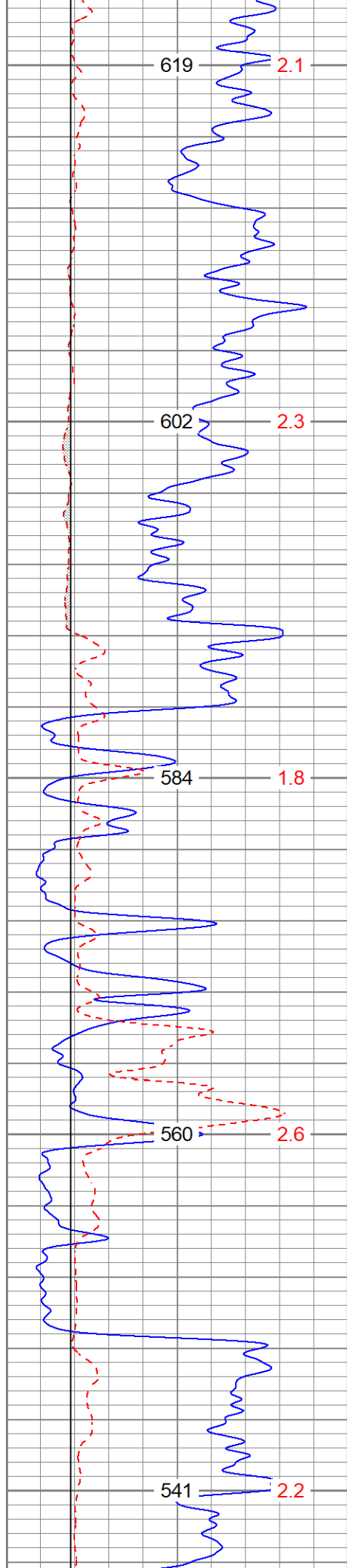
MAIN PASS

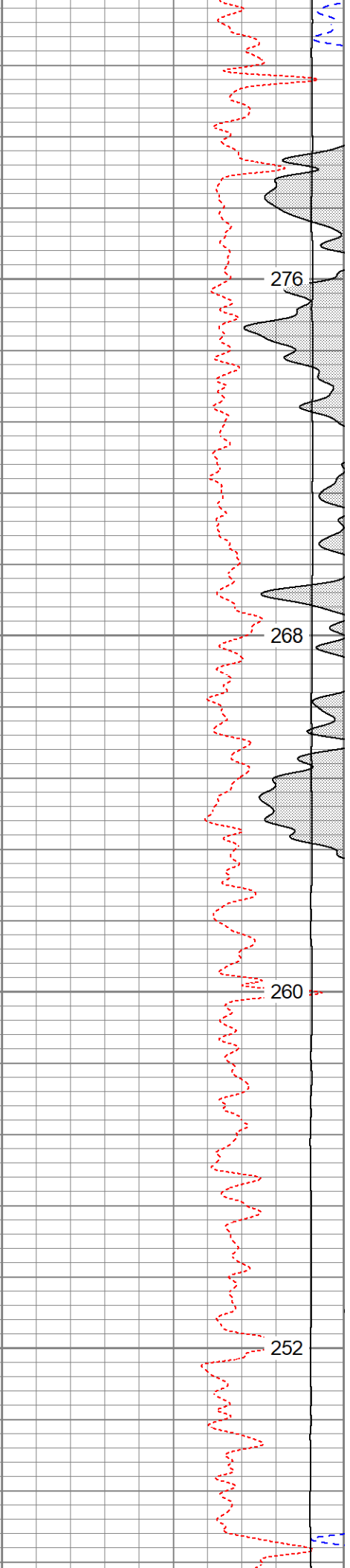
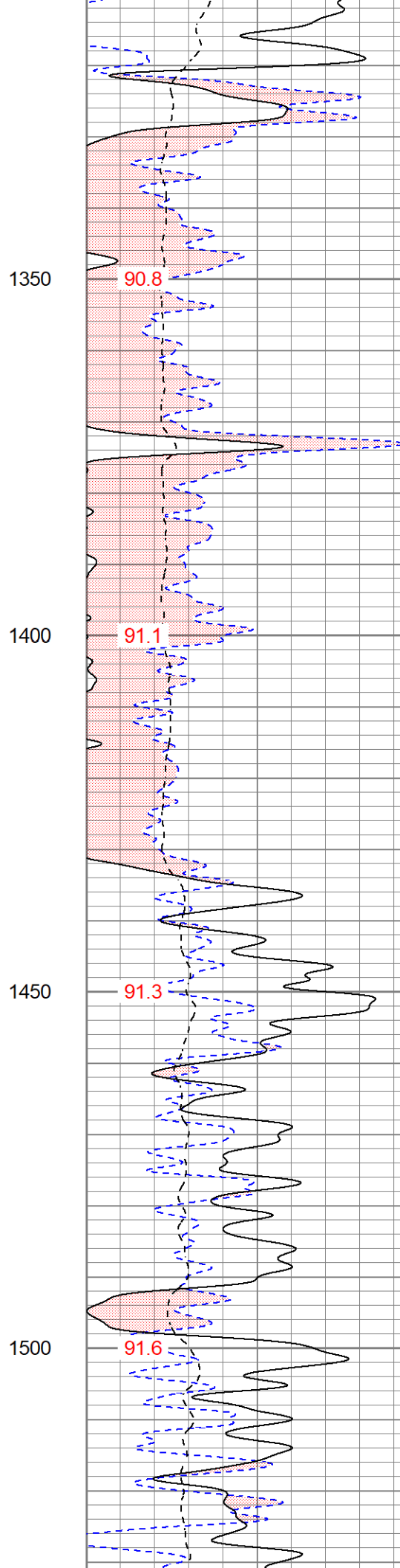
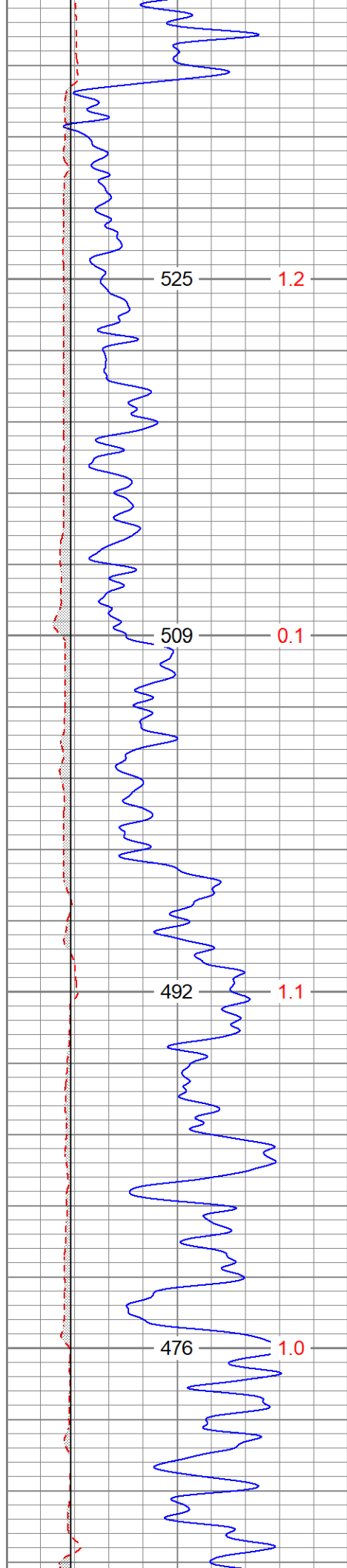
Database File	sefederalfarmmortgageb4atu57oh.db
Dataset Pathname	pass4.1
Presentation Format	digital_kcdnl
Dataset Creation	Wed Jul 13 09:38:39 2022
Charted by	Depth in Feet scaled 1:240

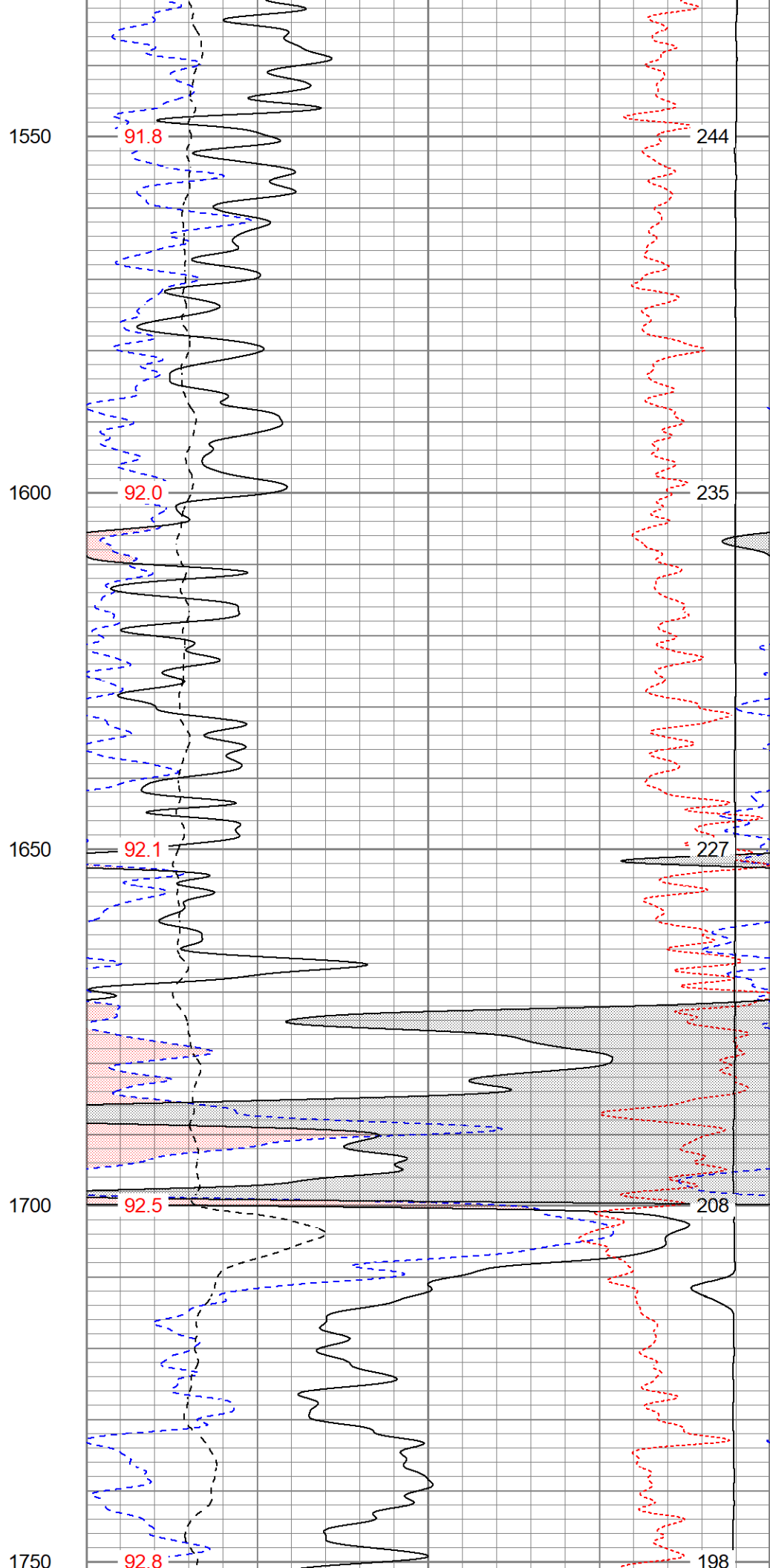
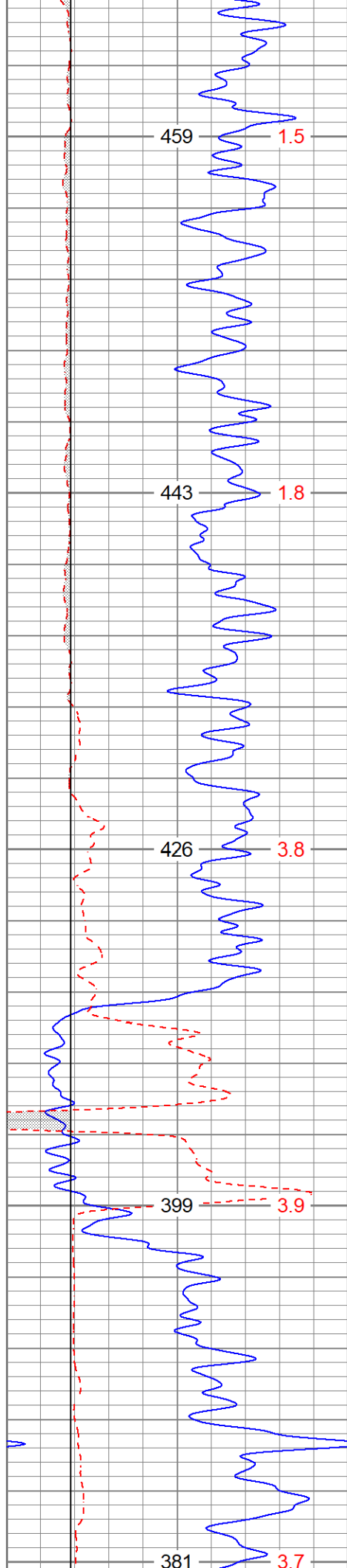
0GR (GAPI)150			30NPOR (pu)-10		
6DCAL (in)16			30DPOR (pu)-10		
6BOREID (in)16			70DPOR (pu)30		
TBHV (ft3)DEVI (deg)			0Pe (barn)10-0.25RHOC (g/cc)0.25		
			TEMP8000LTEN (lb)0		
			(degF)ABHV (ft3)		

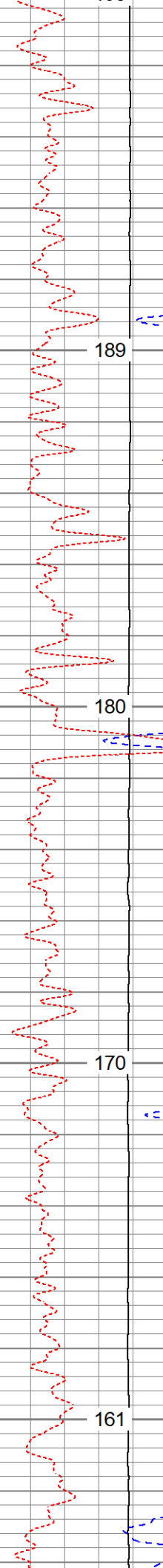
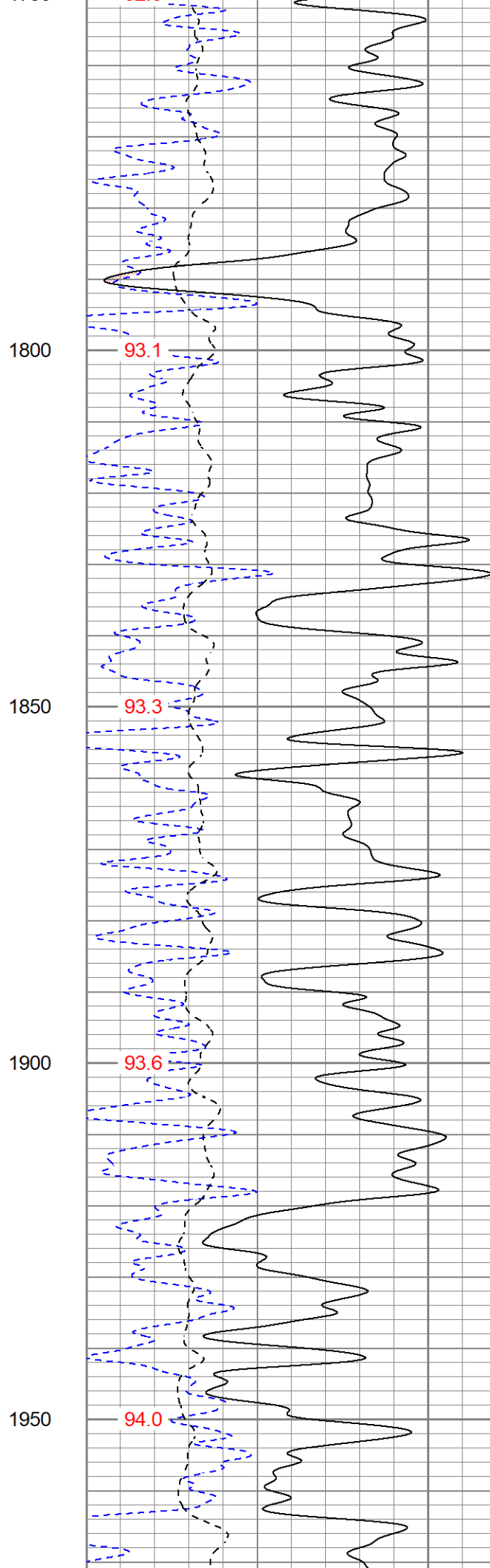
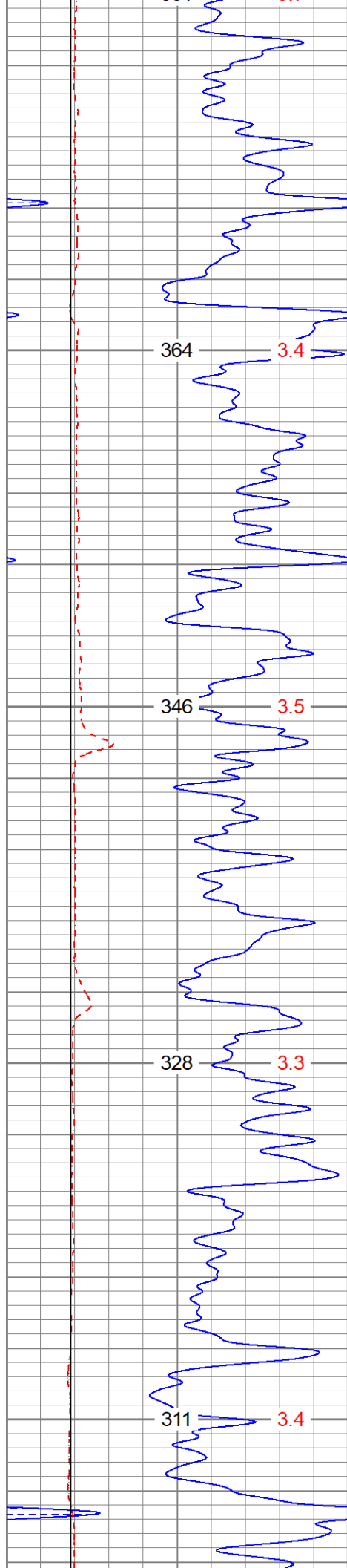


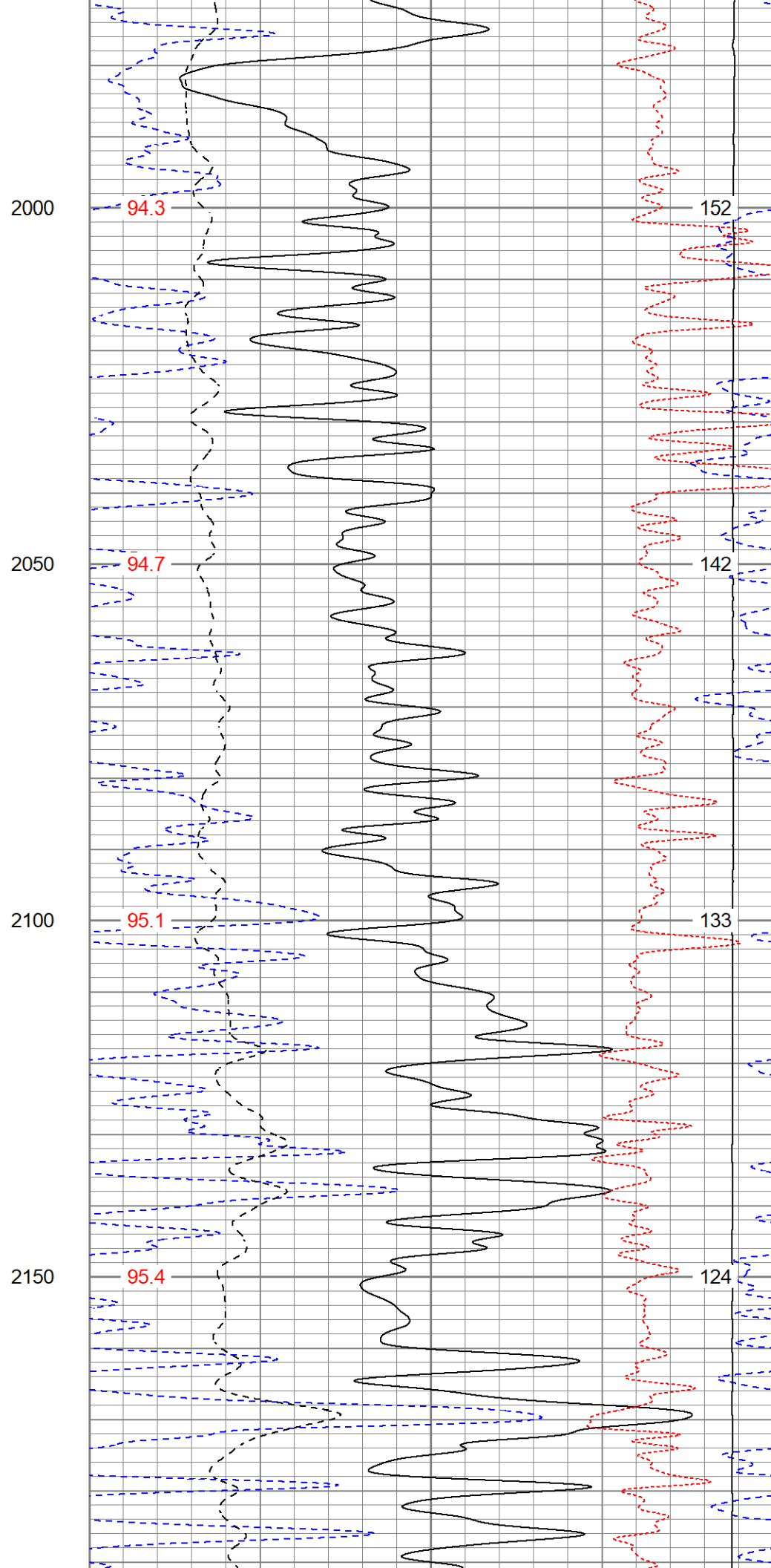
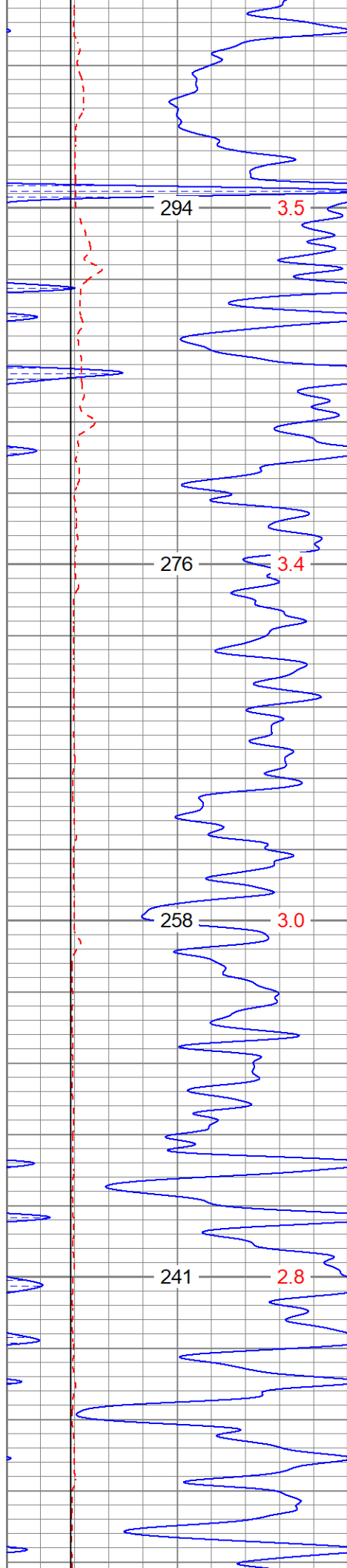


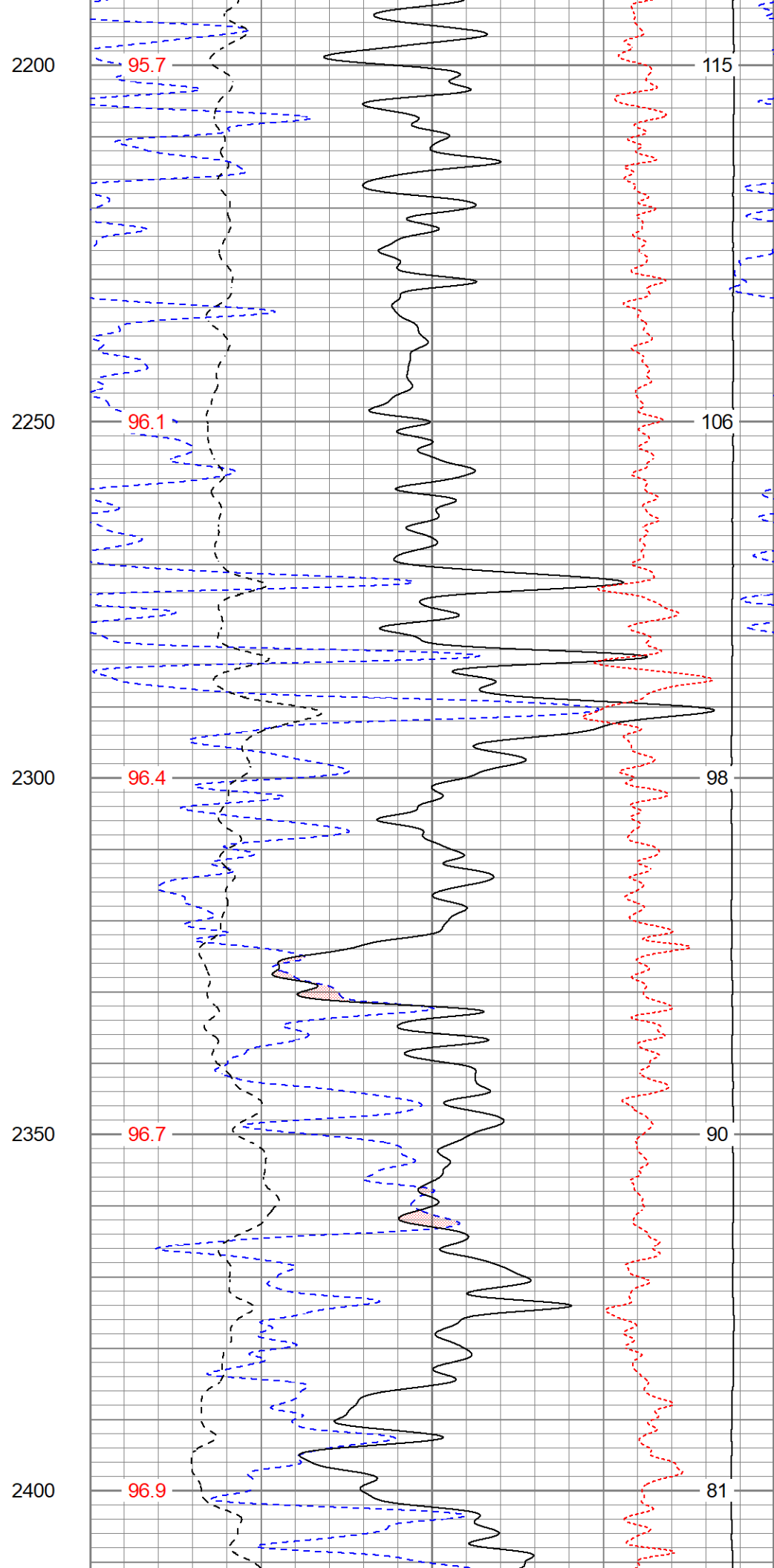
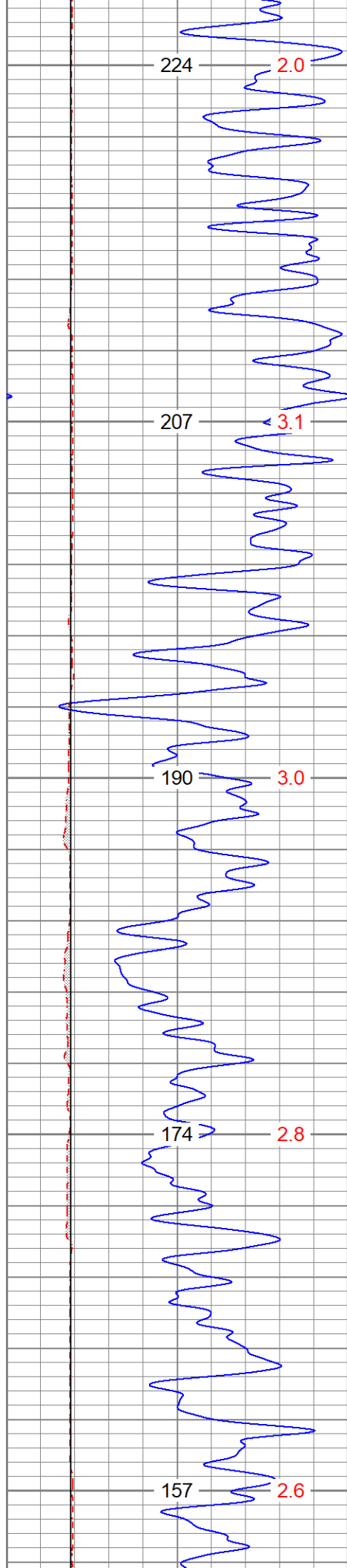


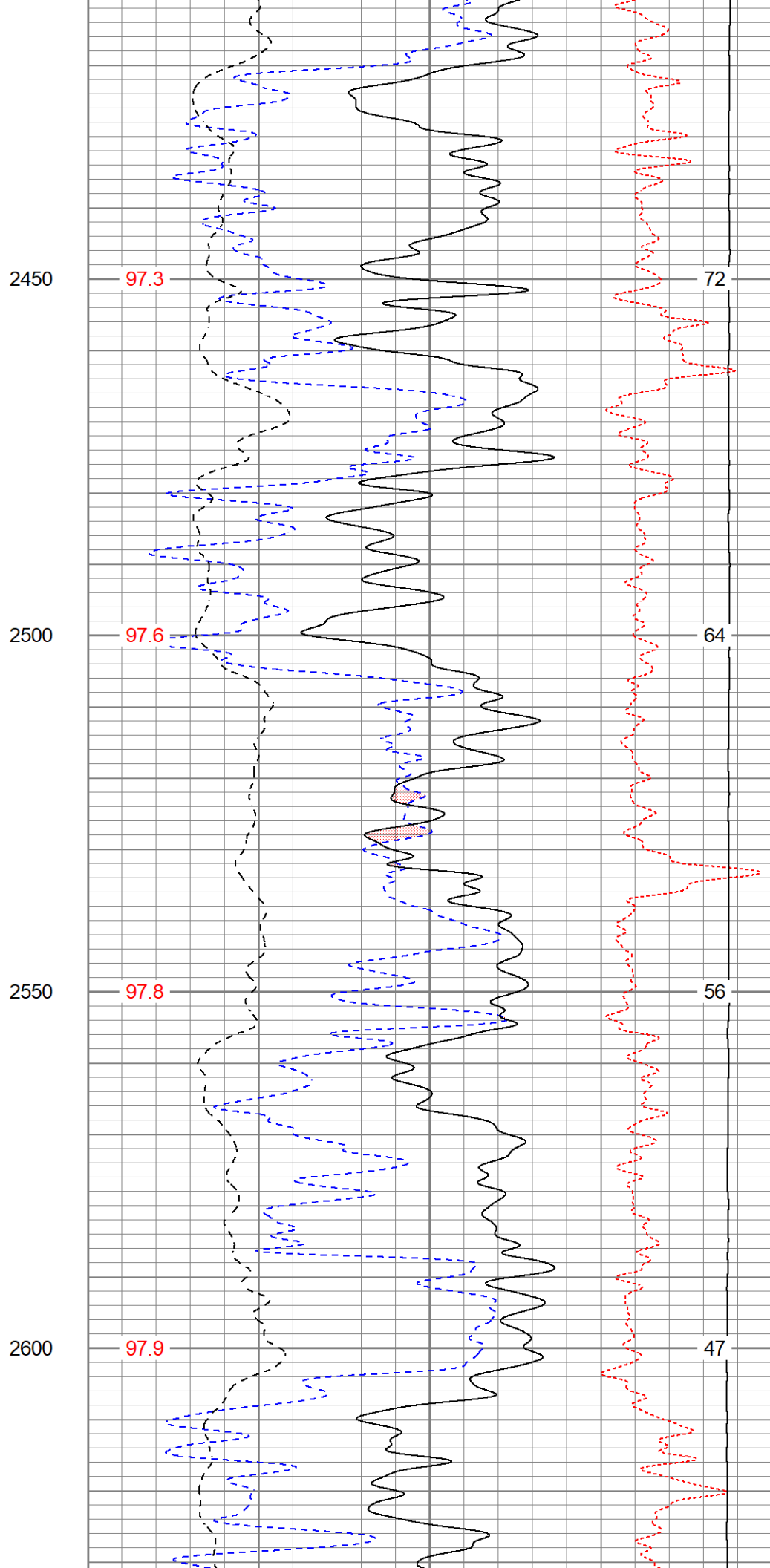
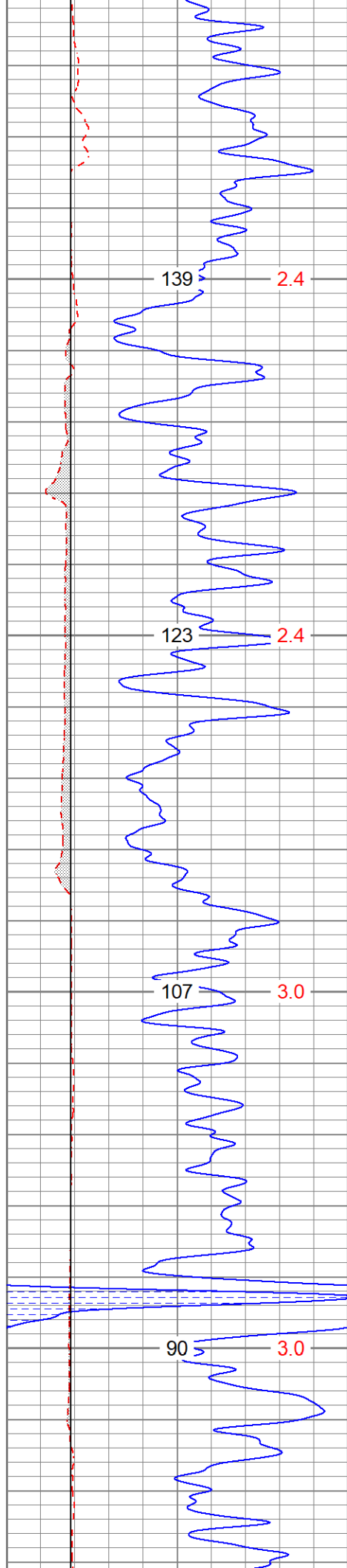


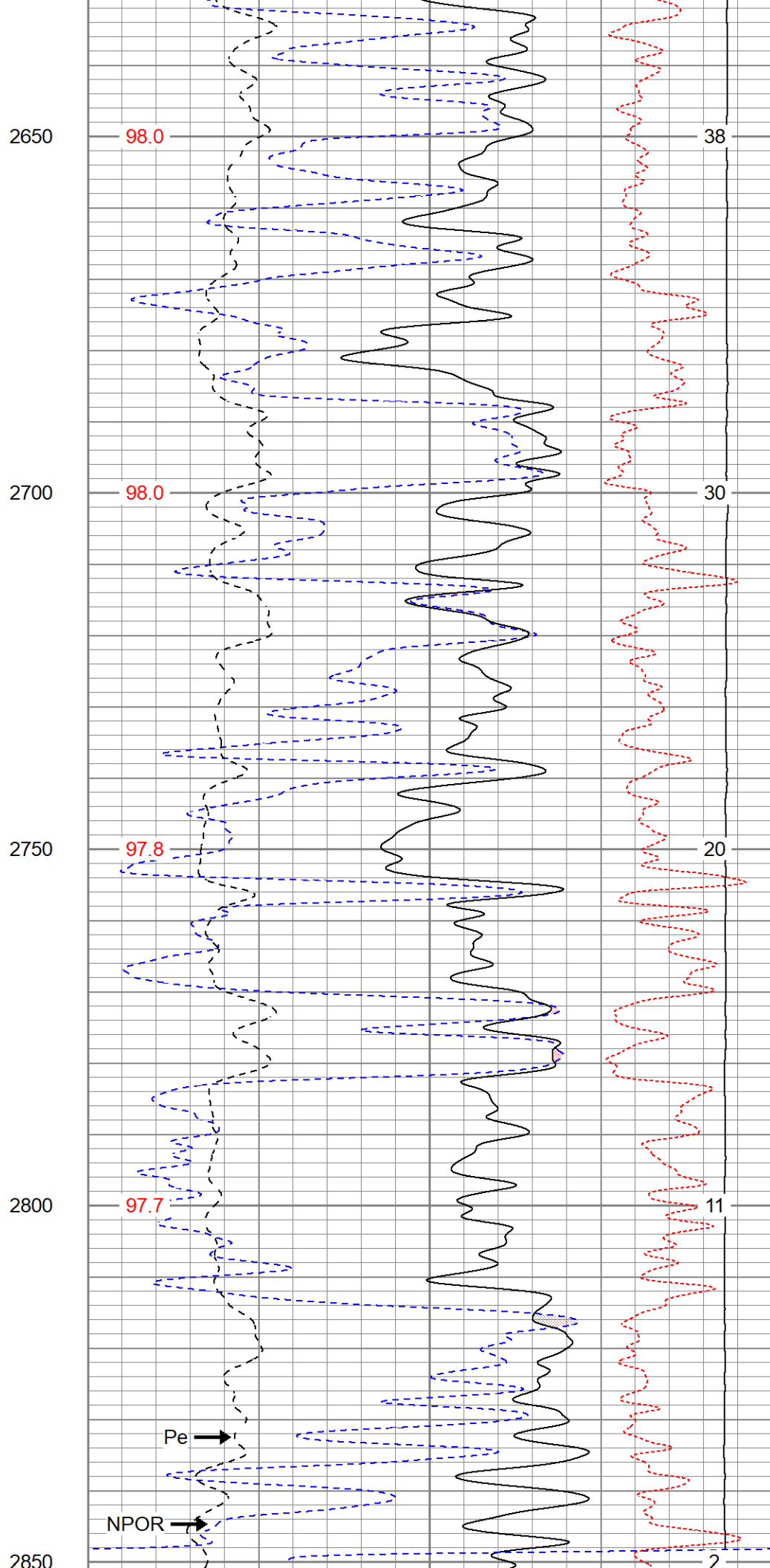
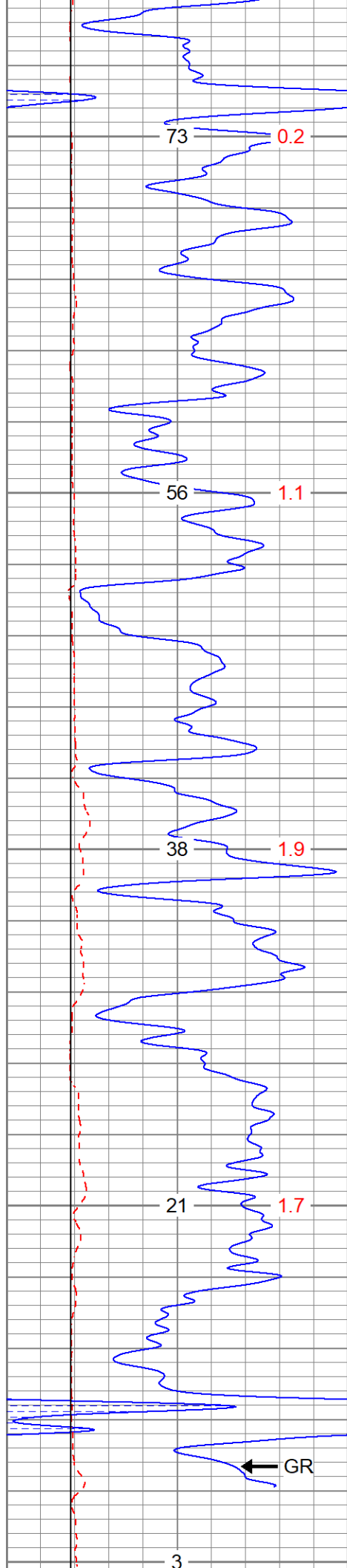


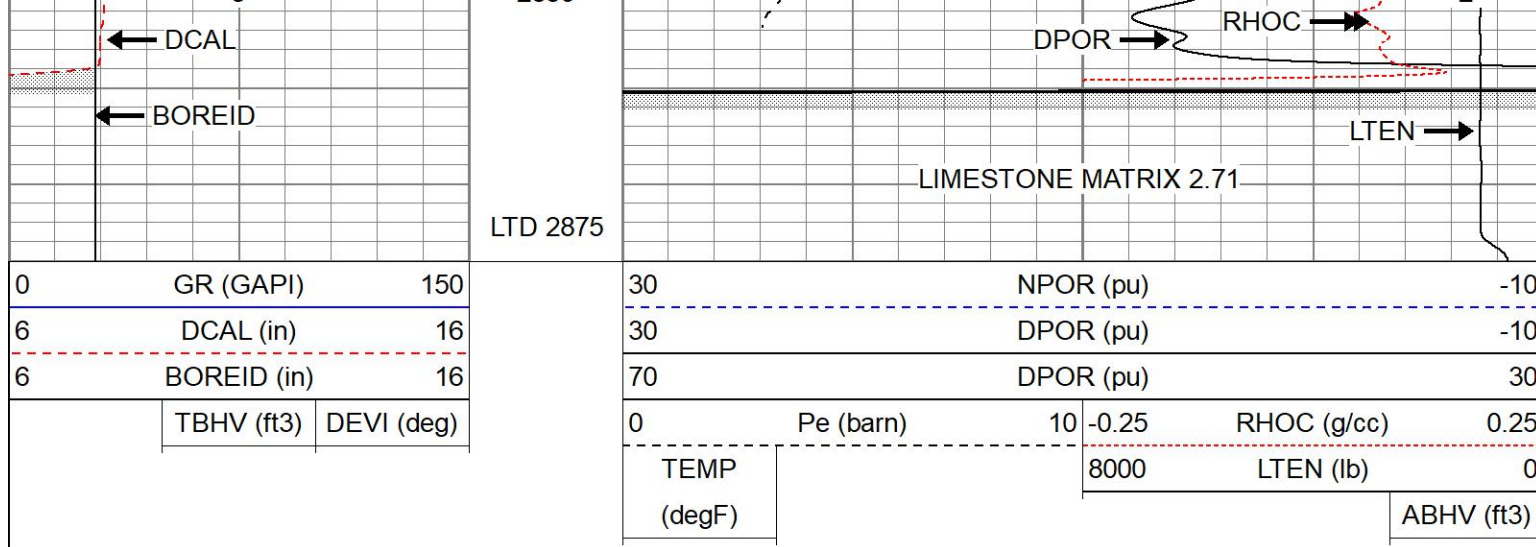






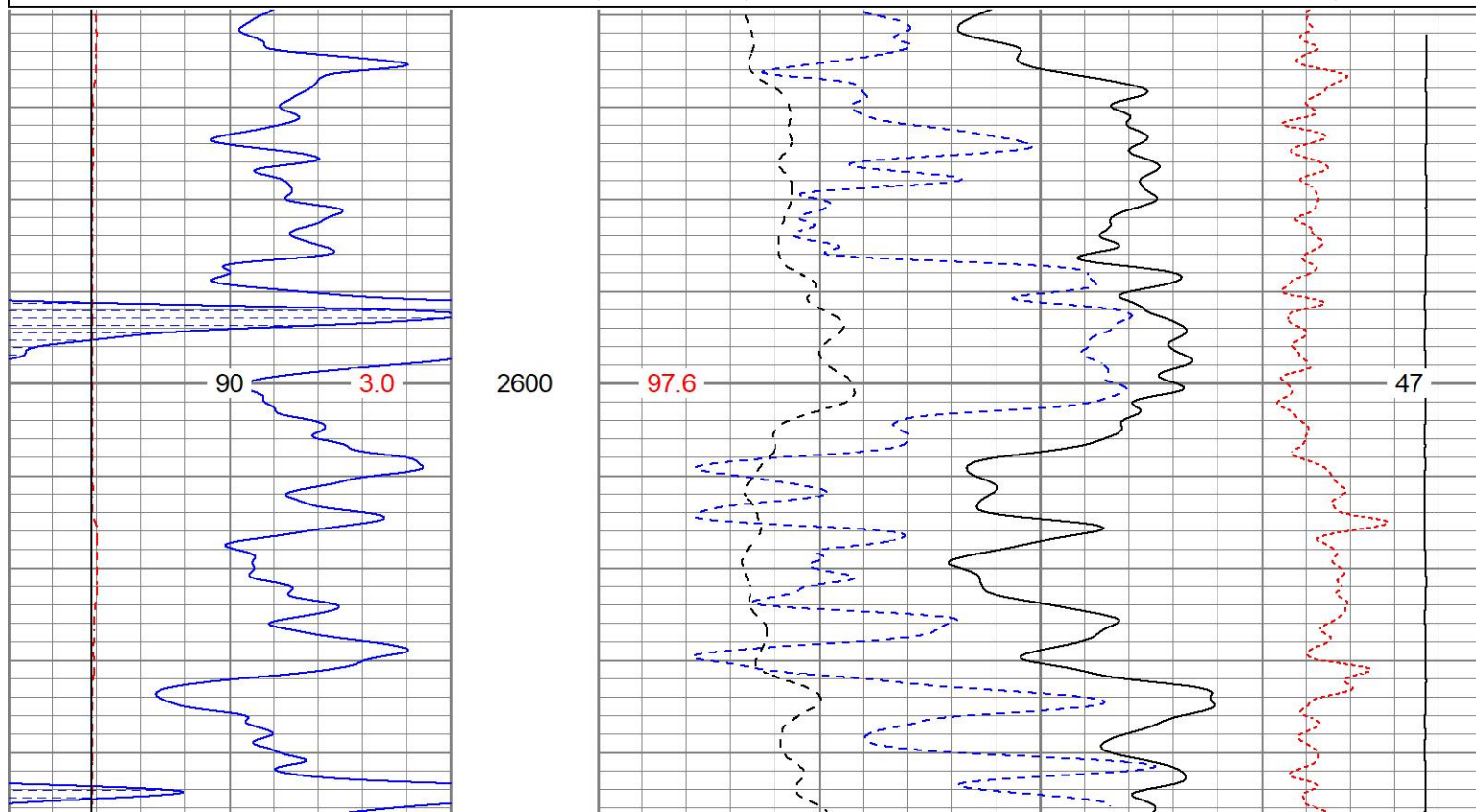
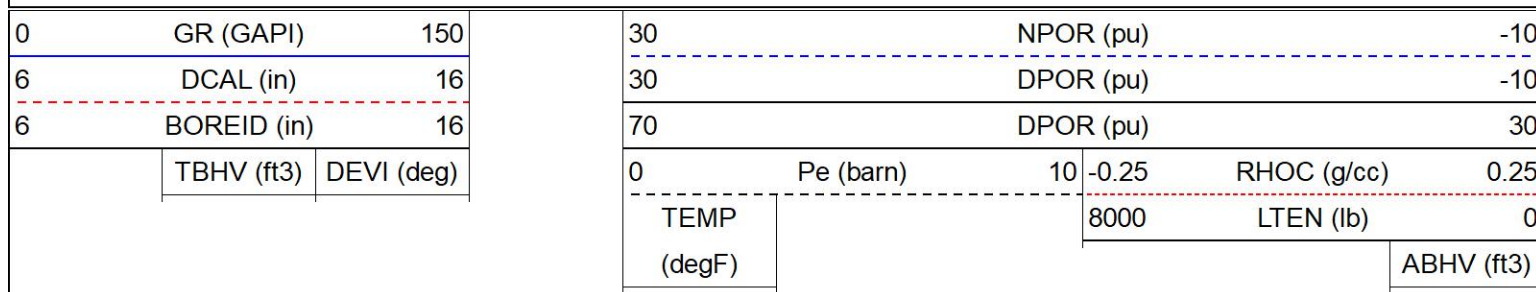


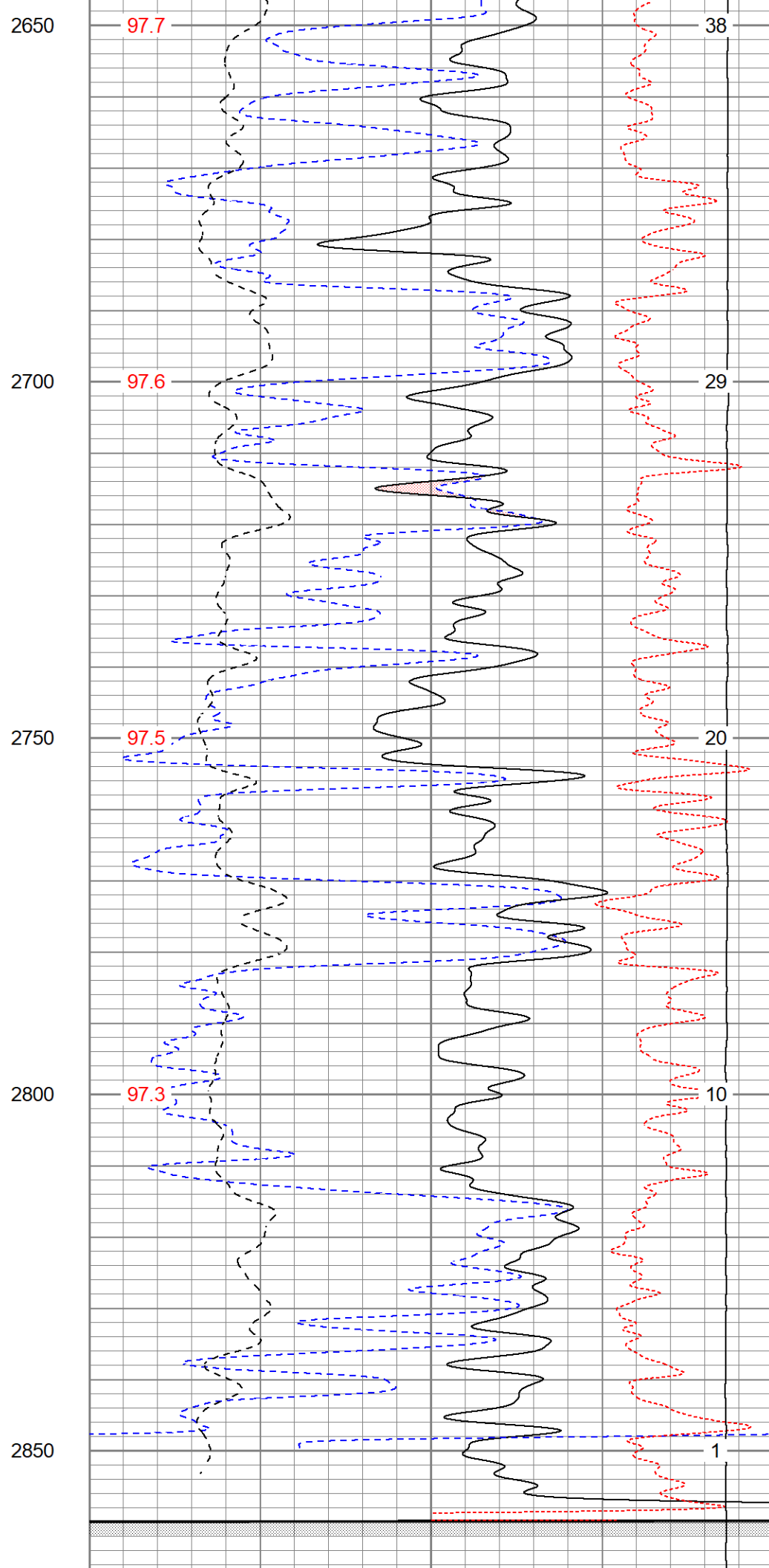
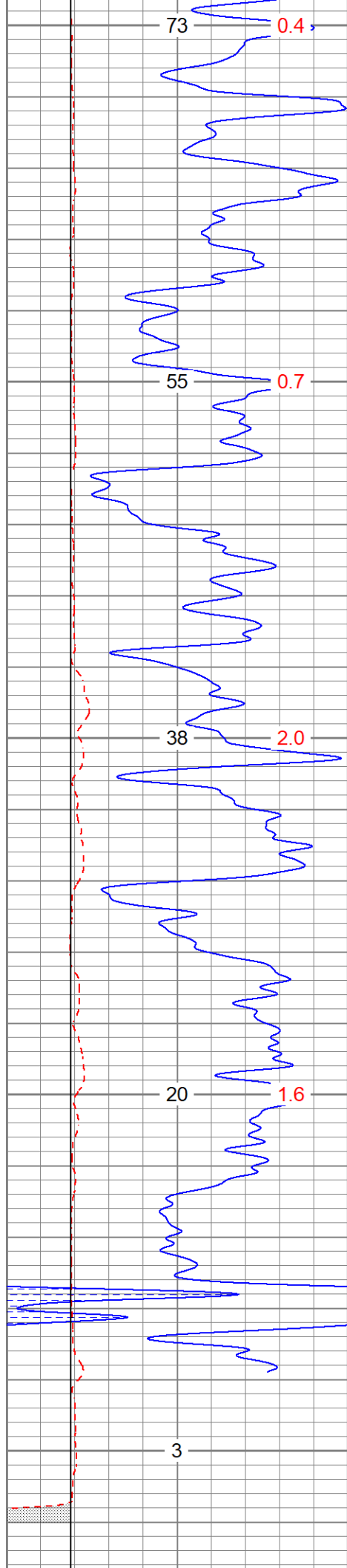




REPEAT SECTION

Database File sefederalfarmmortgageb4atu57oh.db
 Dataset Pathname pass3.1
 Presentation Format digital_kcdnl
 Dataset Creation Wed Jul 13 10:00:47 2022
 Charted by Depth in Feet scaled 1:240





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Calibration Report	
Database File	sefederalfarmmortgageb4atu57oh.db
Dataset Pathname	pass3.1
Dataset Creation	Wed Jul 13 10:00:47 2022

Dual Induction Calibration Report

Serial-Model:	1842-ADM
Surface Cal Performed:	Mon Sep 20 22:00:42 2021
Downhole Cal Performed:	Mon Sep 20 22:00:24 2021
After Survey Verification Performed:	Mon Sep 20 22:05:52 2021

Surface Calibration

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.018	0.672	V	0.000	350.000	mmho/m	535.475	-9.896
Medium	0.003	0.769	V	0.000	400.000	mmho/m	522.607	-1.745
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.018	0.672	V	0.000	350.000	mmho/m	535.240	-9.549
Medium	0.003	0.768	V	0.000	550.000	mmho/m	718.637	-2.088

Downhole Calibration

Readings				References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	-0.219	349.905	mmho/m	-0.343	349.810	mmho/m	1.000	-3.124
Medium	-0.118	399.722	mmho/m	-0.226	399.745	mmho/m	1.000	-3.108
Shallow	2.536	0.025	V	500.000	2.000	Ohm-m	170.330	-1.504

After Survey Verification

			Readings		Targets		Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.219	349.905	mmho/m	1.000	-3.124
Medium	0.000	0.000	mmho/m	-0.118	399.722	mmho/m	1.000	-3.108
Shallow	0.000	0.000	Ohm-m	500.000	2.000	Ohm-m	1.000	0.000

Neutron Calibration Report

Serial Number: AD5139
Tool Model: ADMY5139
Performed: (Not Performed)

Calibrator Value:	1	NAPI
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Calibrator Value:	1	cps
Sensitivity:	1	NAPI/cps

Temperature Calibration Report

Serial Number:	WithMC			
Tool Model:	WMC			
Performed:	Fri Apr 19 12:15:04 2019			
	Reference		Reading	
Low Reference:	0.00	degF	0.00	degF
High Reference:	1.00	degF	1.00	degF
Gain:	1.00			
Offset:	0.00			
Delta Spacing	1			

Inclinometer Calibration Report

Performed:	Wed May 5 19:20:48 2021				
	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	205.00	1843.00	-1.00	1.00	gee
Y Accelerometer	205.00	1843.00	-1.00	1.00	gee
Z Accelerometer					gee

Gamma Ray Calibration Report

Serial Number:	WithMC	
Tool Model:	WMC	
Performed:	Wed Jun 15 11:53:49 2022	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.1000	GAPI/cps