



**COMPENSATED DENSITY
NEUTRON
PE/LOG**

Company	BlueRidge Petroleum Corporation	Location:	API #: 15 165 22182	Other Services
Well	Legleiter #1-10	1000' FSL & 1415' FWL		ML DIL
Field	Unnamed			
County	Rush	SEC 10 TWP 16S RGE 18W		
State	Kansas	Ground Level	Elevation	1942'
		Log Measured From		K.B. 1950' D.F. 1949' G.L. 1942'
		Drilling Measured From		KB

Date	01/22/23
Run Number	One
Depth Driller	3610'
Depth Logger	3609'
Bottom Logged Interval	3587'
Top Log Interval	1800'
Casing Driller	8 5/8" @ 1097'
Casing Logger	1097'
Bit Size	7 7/8"
Type Fluid in Hole	Chemical
Density / Viscosity	9.1/57
pH / Fluid Loss	10.5/7.2
Source of Sample	Pit
Rm @ Meas. Temp	1.1 @ 60degf
Rmf @ Meas. Temp	.9 @ 60degf
Rmc @ Meas. Temp	1.4 @ 60degf
Source of Rmf / Rmc	Calculated
Rm @ BHT	.65 @ 97degf
Time Circulation Stopped	1:45 AM
Time Logger on Bottom	5:00 AM
Maximum Recorded Temperature	97degf
Equipment Number	T-605
Location	Hays, KS.
Recorded By	C. Patterson
Witnessed By	Jeff Lawler

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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

Liebenthal,KS Hwy 183 AVE D/4th St in Liebenthal,KS East 1 1/2 mi. to CR RD 260 th,
Then North 1 mi., West into Location

Thanks for using Gemini Wireline LLC
785-625-1182

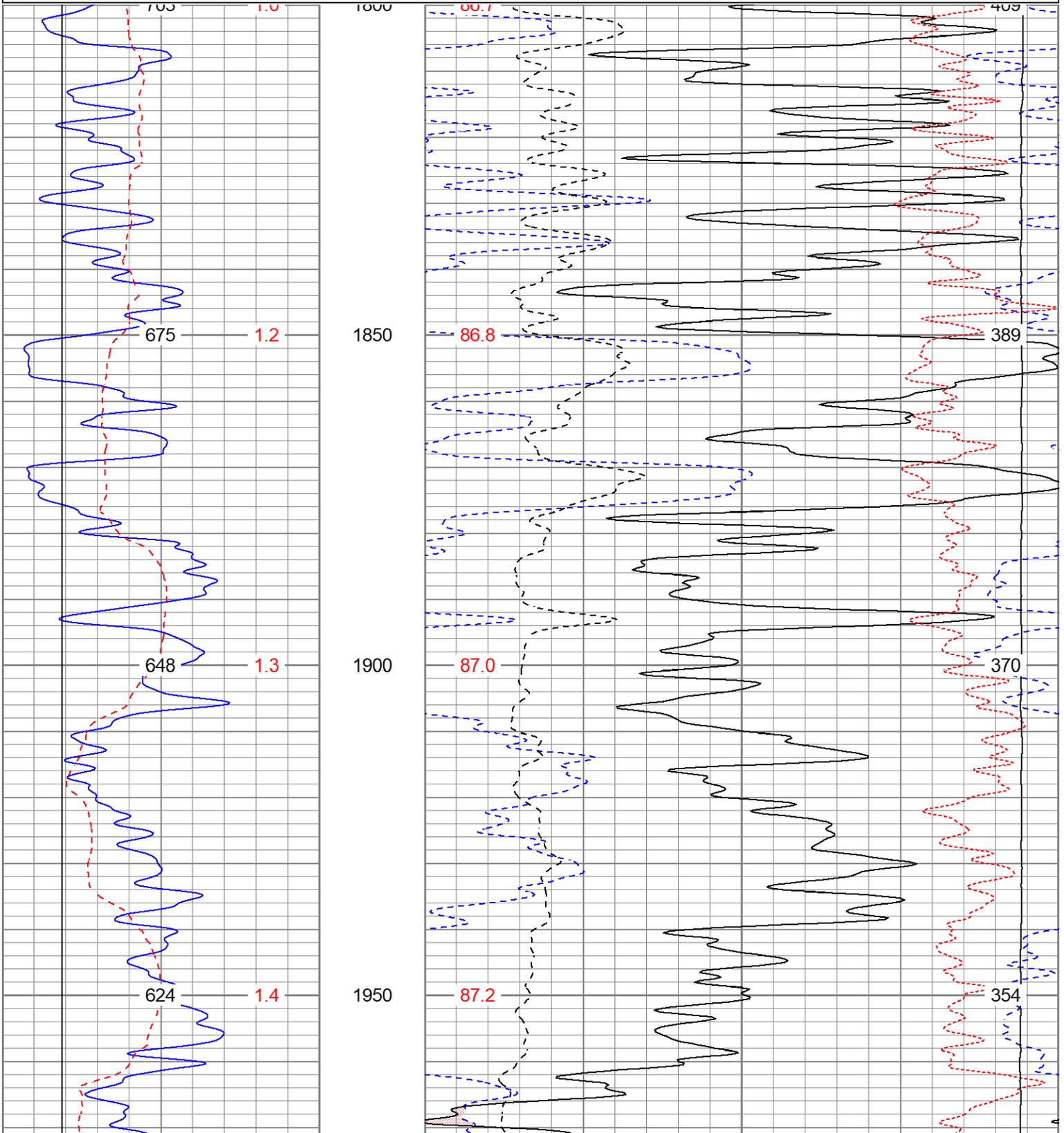


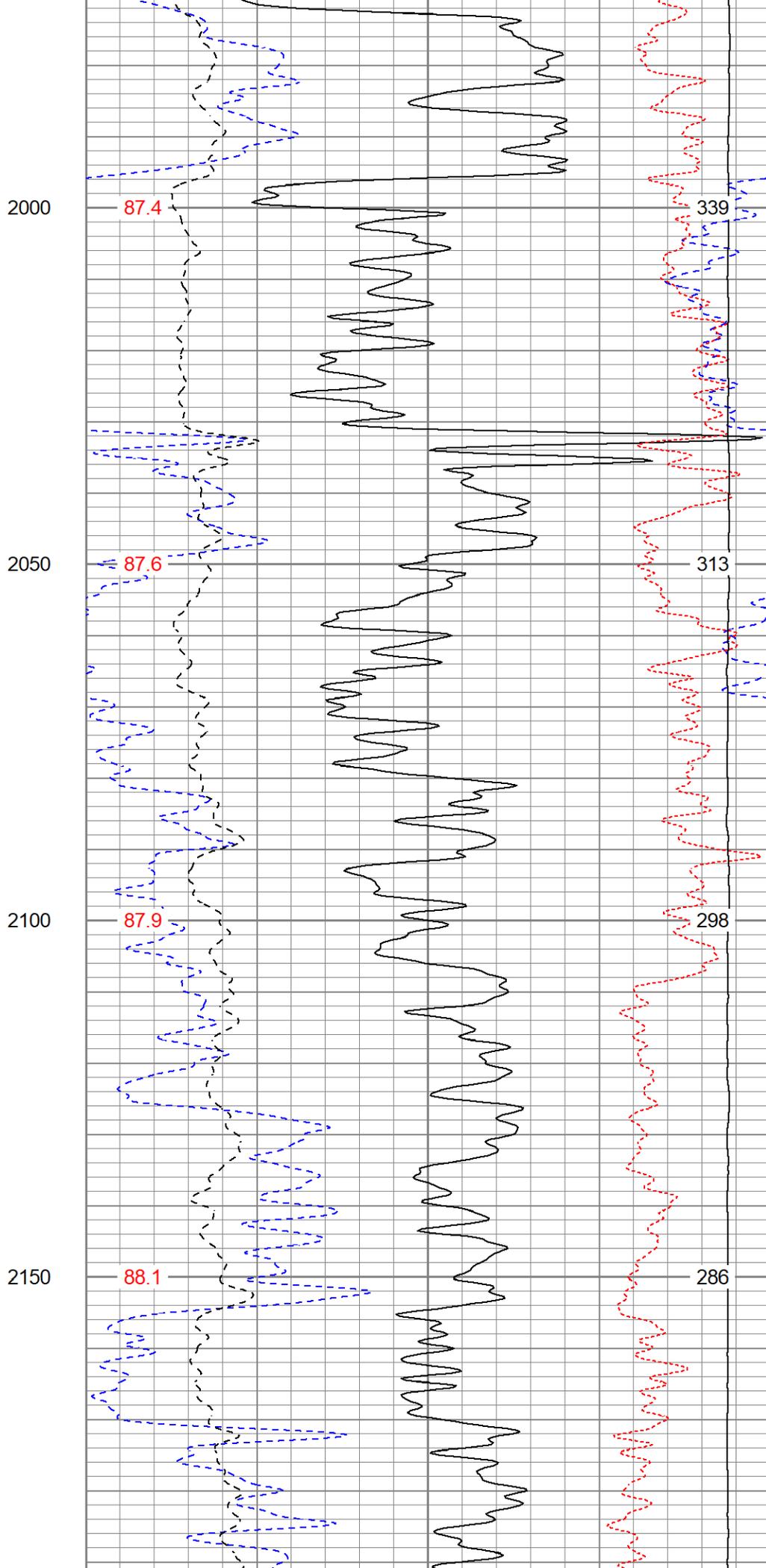
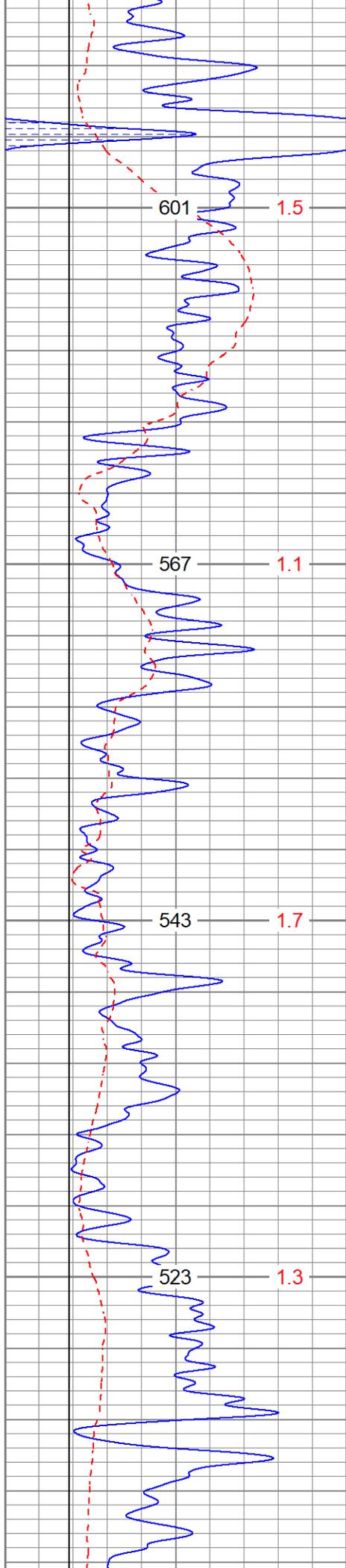
MAIN PASS

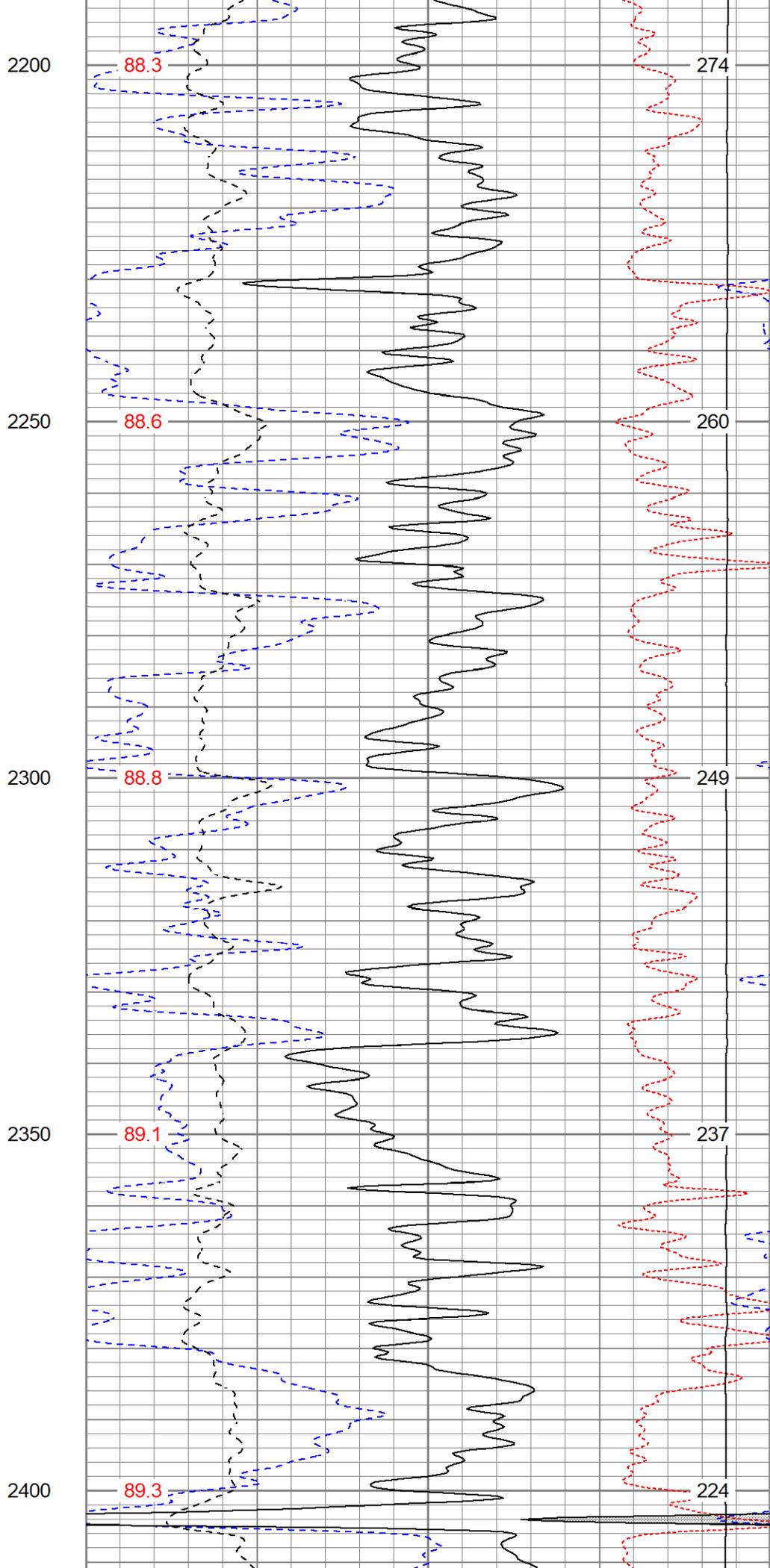
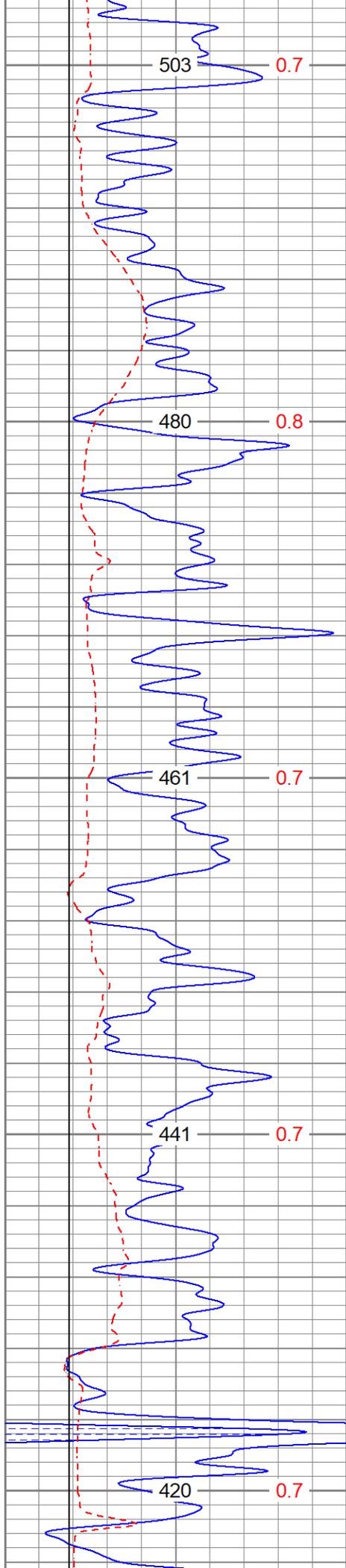
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 Presentation Format digital_kcdnl
 Dataset Creation Sun Jan 22 06:18:42 2023
 Charted by Depth in Feet scaled 1:240

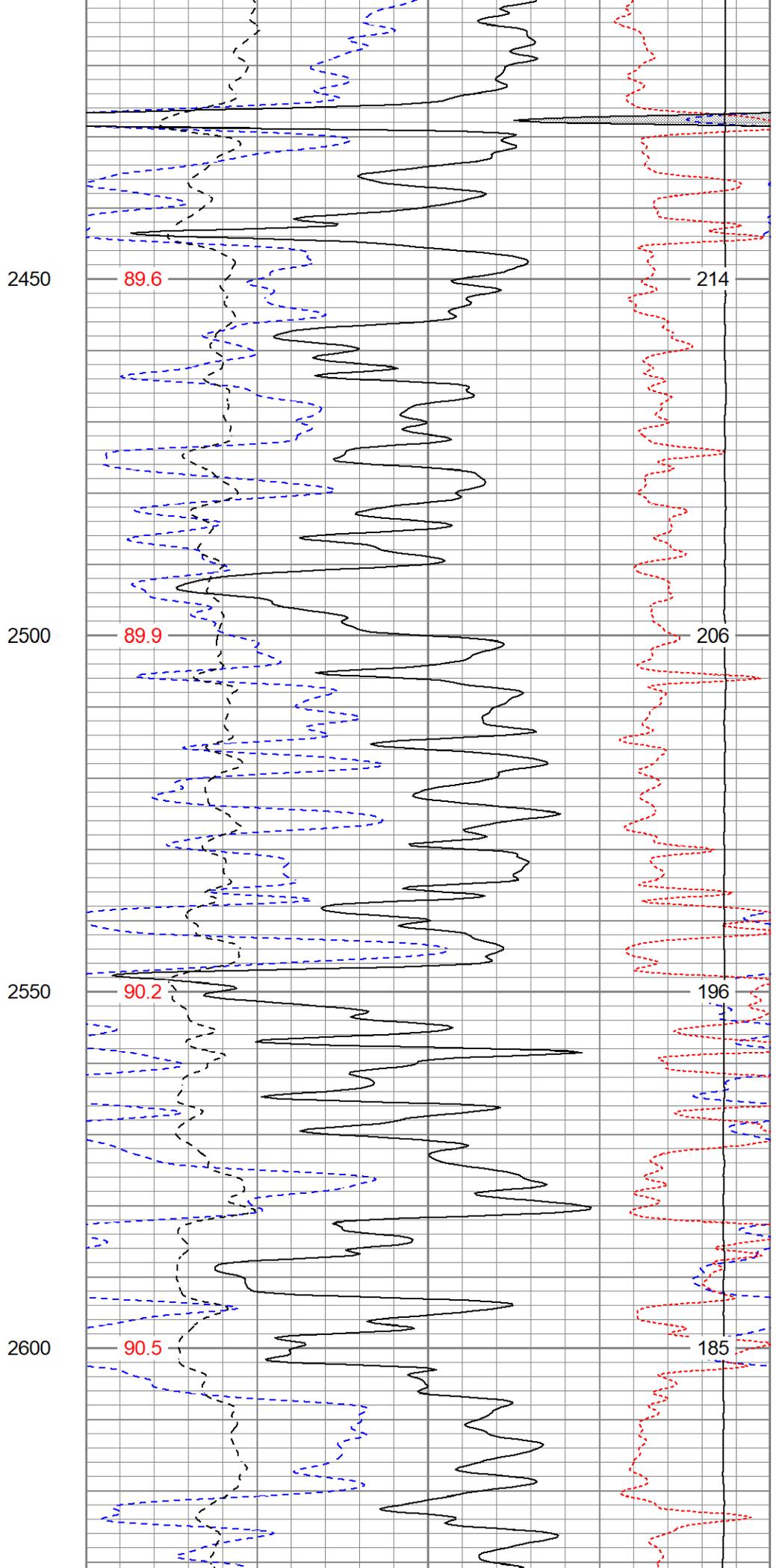
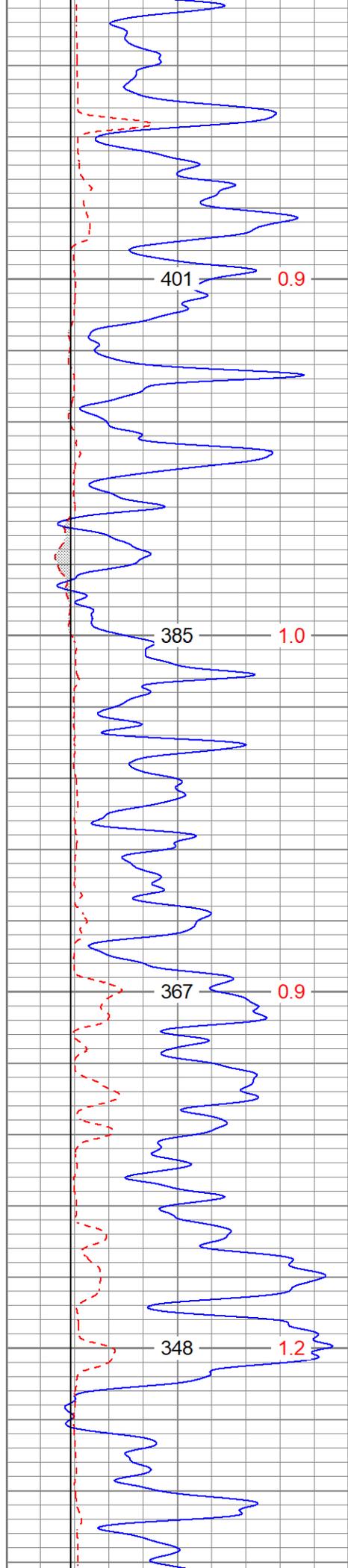
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6	DCAL (in)	16
6	BOREID (in)	16
	TBHV (ft3)	DEVI (deg)

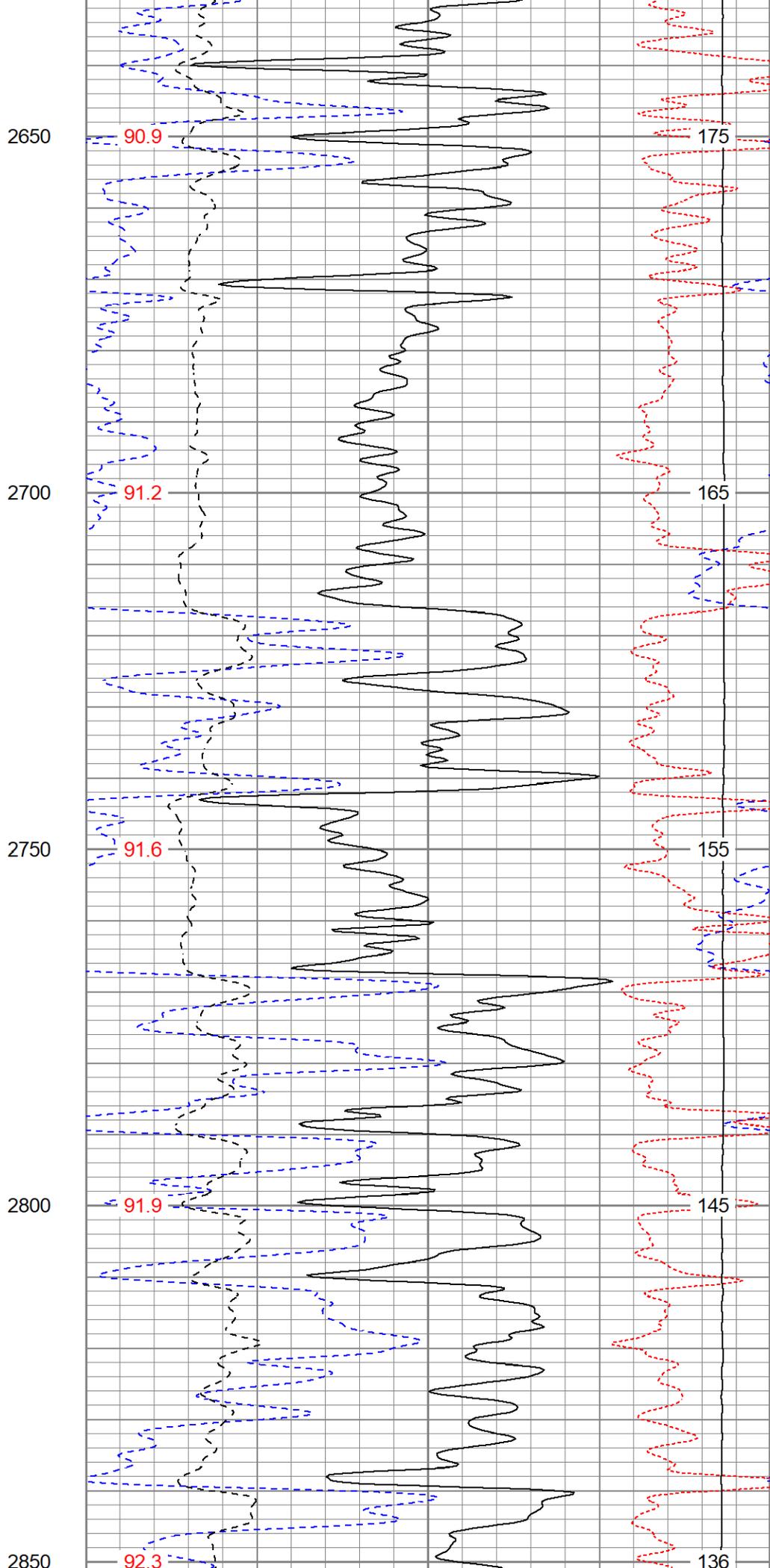
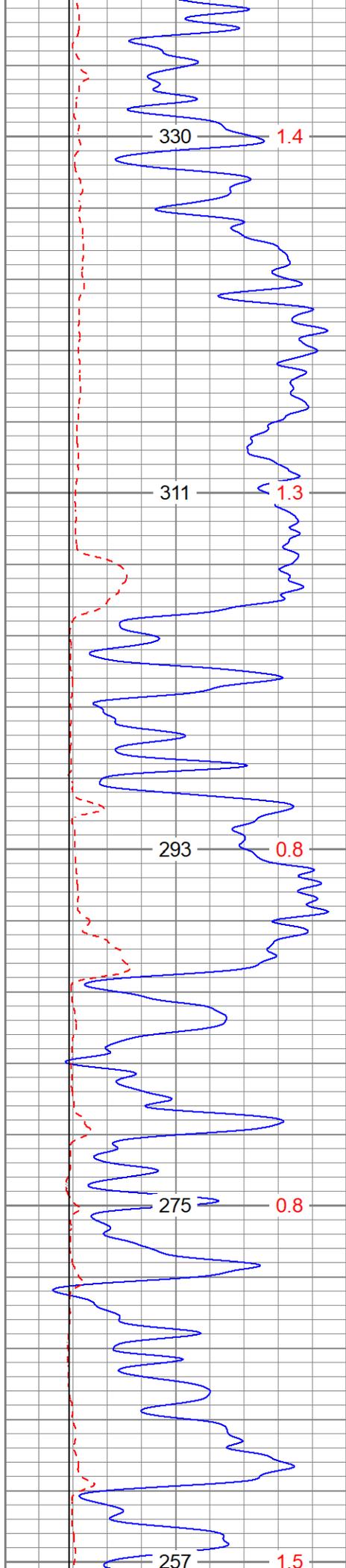
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30	DPOR (pu)	-10			
70	DPOR (pu)	30			
0	Pe (barn)	10	-0.25	RHOC (g/cc)	0.25
	TEMP (degF)	8000		LTEN (lb)	0
					ABHV (ft3)

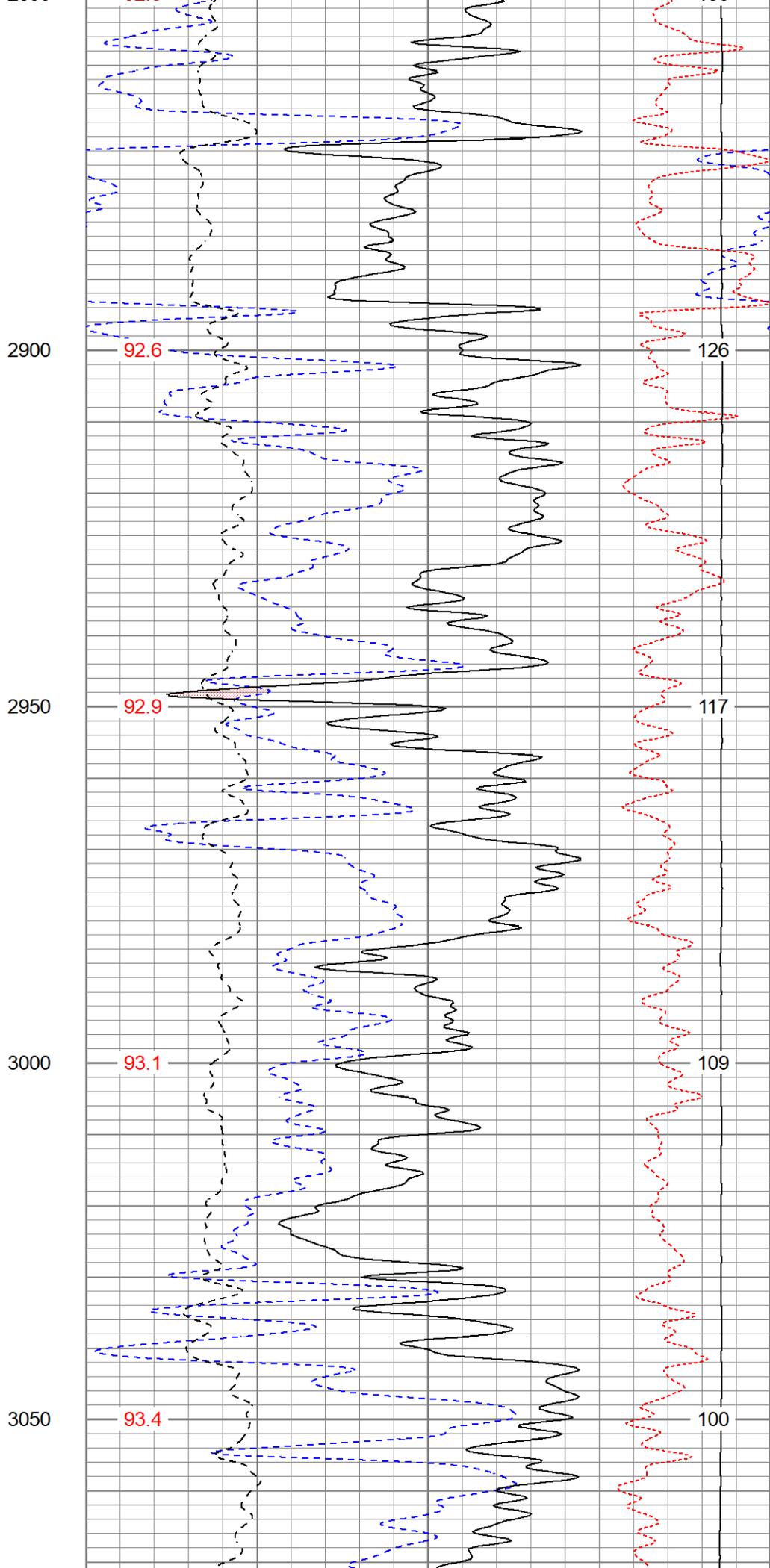
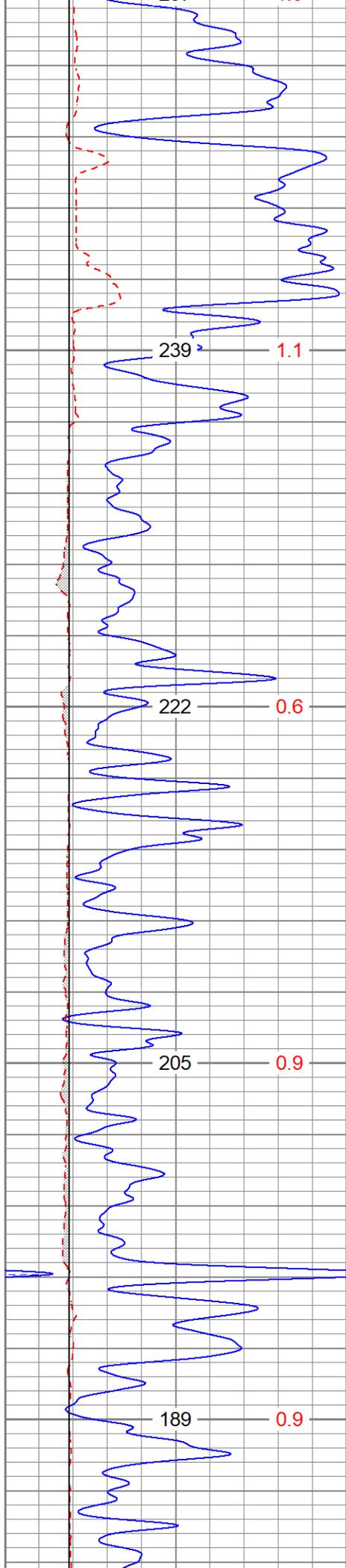


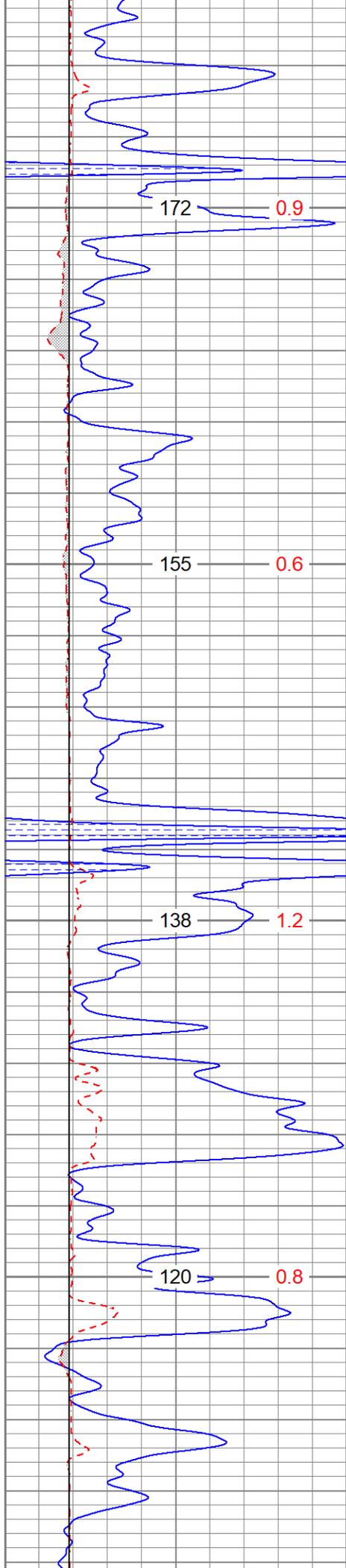












3100

93.7

91

3150

94.0

83

3200

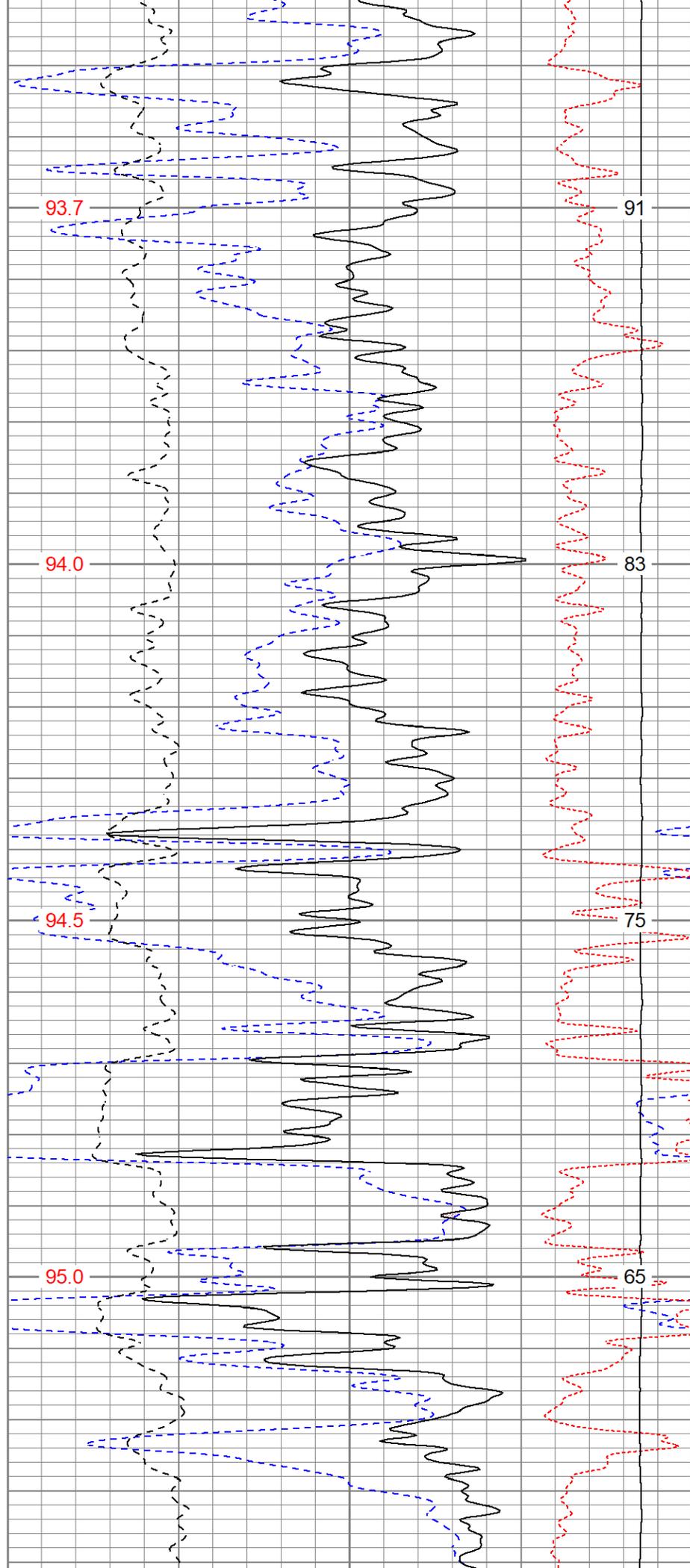
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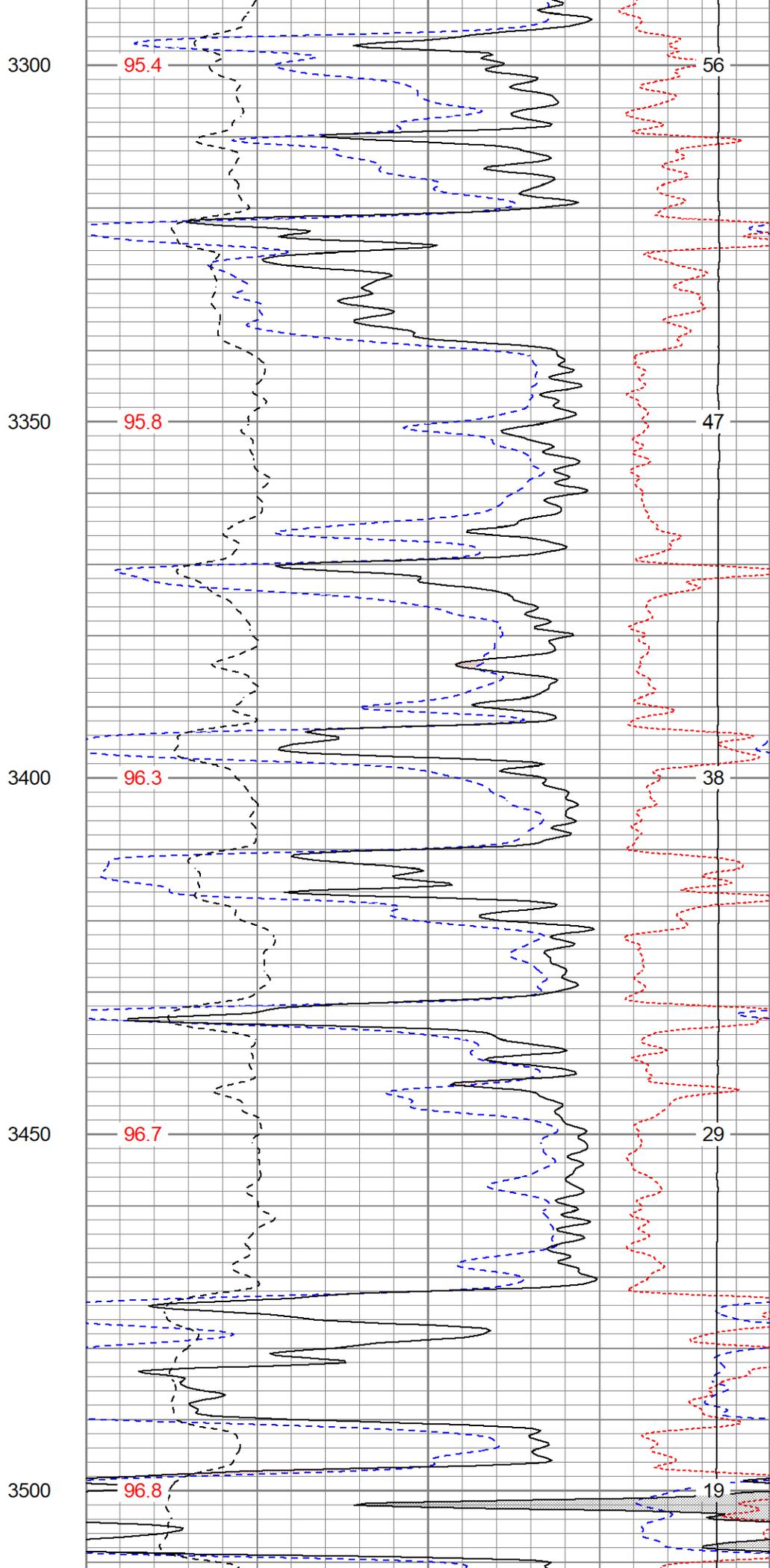
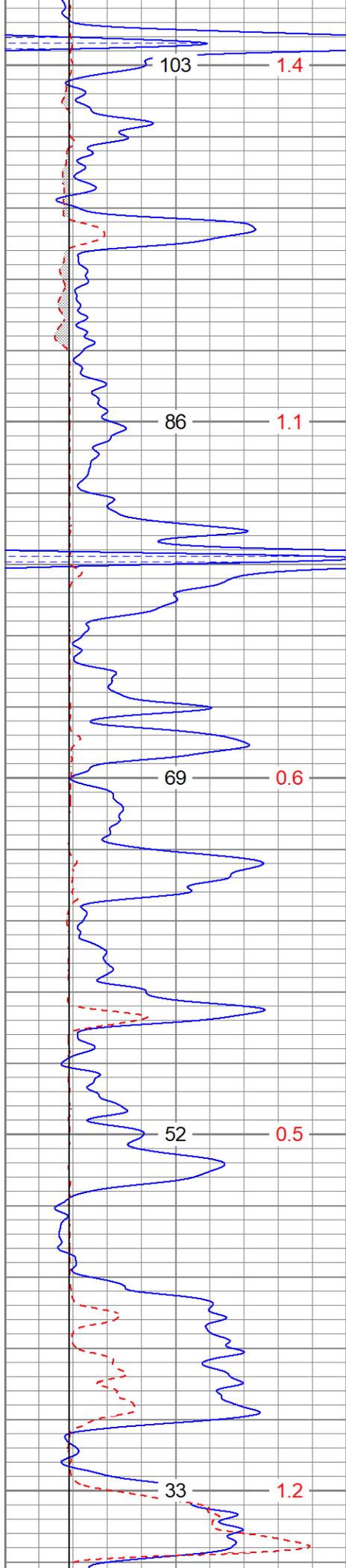
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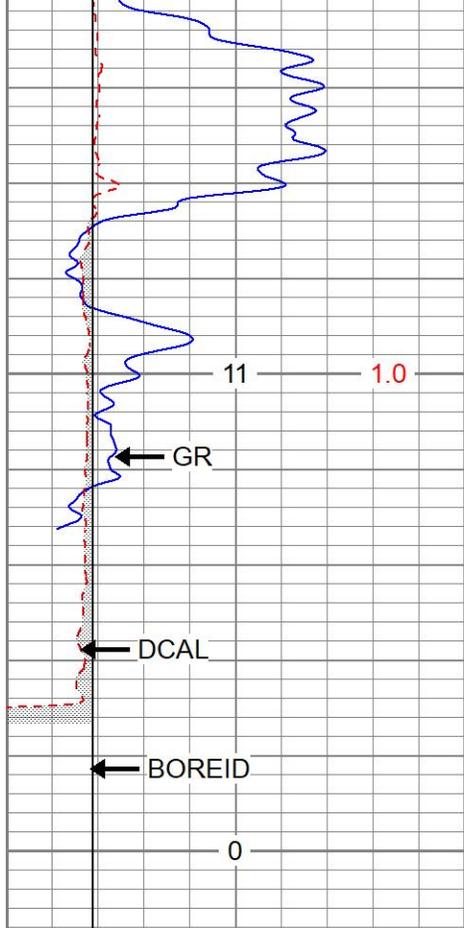
3250

95.0

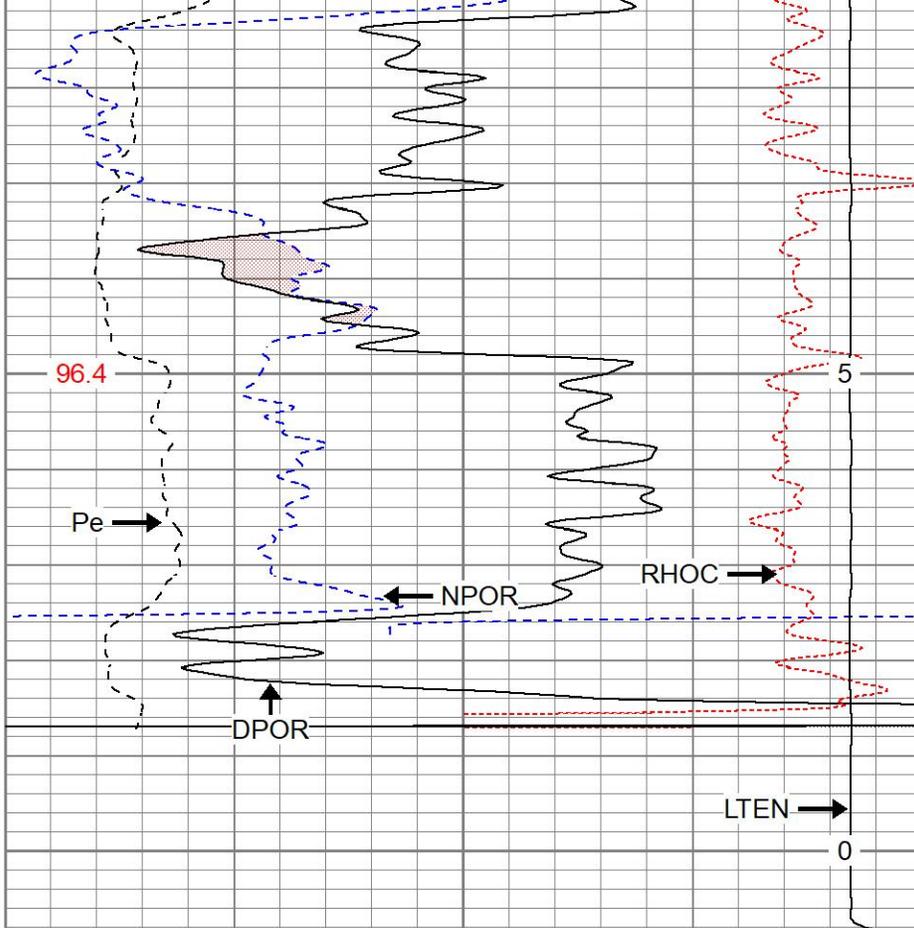
65







3550



3600

0	GR (GAPI)	150
6	DCAL (in)	16
6	BOREID (in)	16
	TBHV (ft3)	DEVI (deg)

30	NPOR (pu)	-10			
30	DPOR (pu)	-10			
70	DPOR (pu)	30			
0	Pe (barn)	10	-0.25	RHOC (g/cc)	0.25
TEMP (degF)	8000	LTEN (lb)	0	ABHV (ft3)	

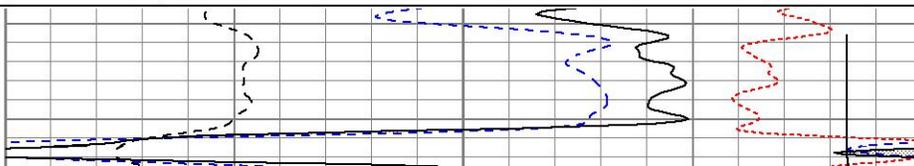
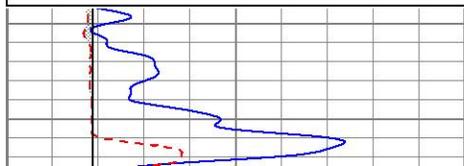


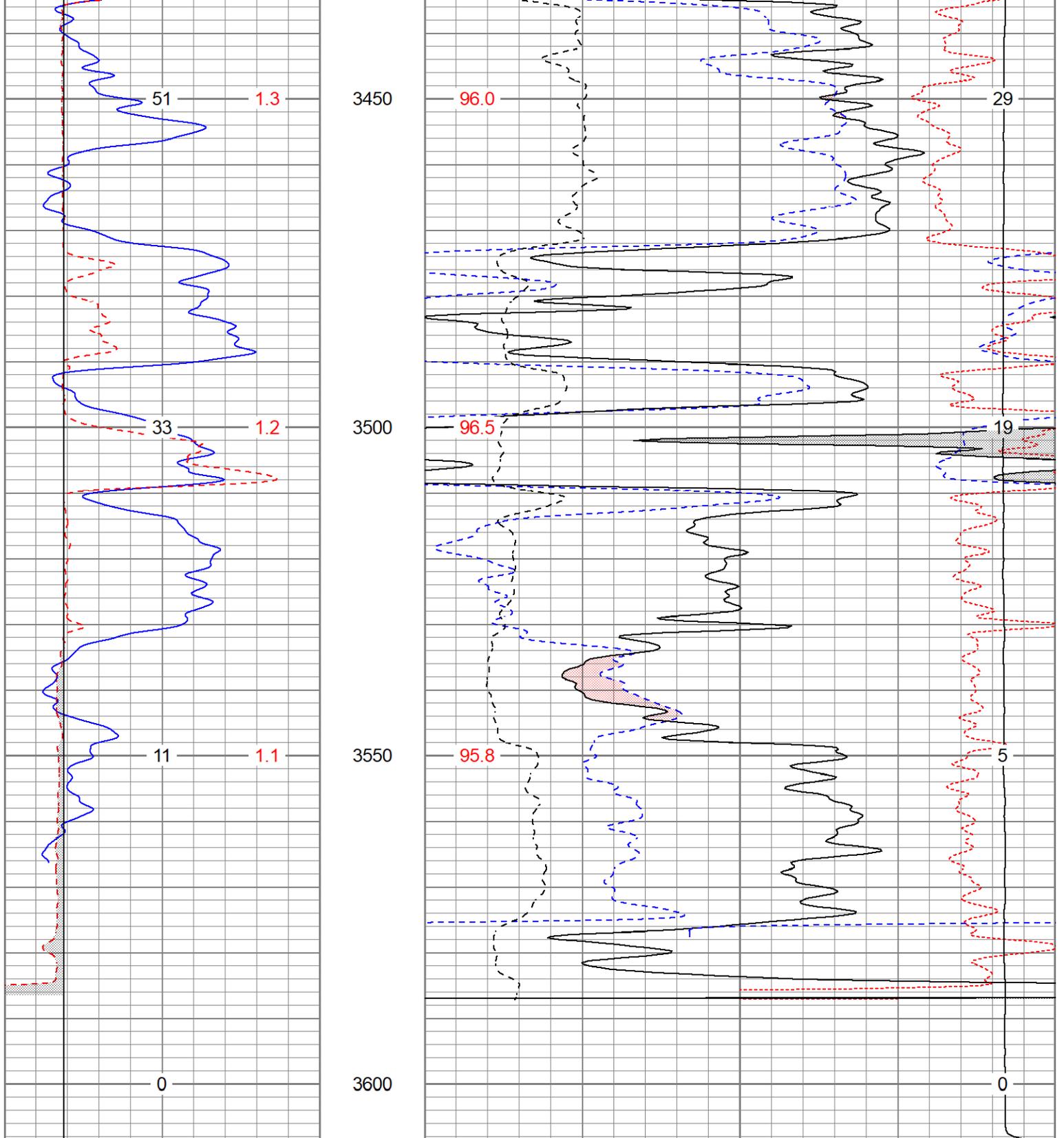
REPEAT SECTION

Database File brlegleiter#1-10oh.db
 Dataset Pathname pass4.1
 Presentation Format digital_kcdnl
 Dataset Creation Sun Jan 22 05:25:43 2023
 Charted by Depth in Feet scaled 1:240

0	GR (GAPI)	150
6	DCAL (in)	16
6	BOREID (in)	16
	TBHV (ft3)	DEVI (deg)

30	NPOR (pu)	-10			
30	DPOR (pu)	-10			
70	DPOR (pu)	30			
0	Pe (barn)	10	-0.25	RHOC (g/cc)	0.25
TEMP (degF)	8000	LTEN (lb)	0	ABHV (ft3)	





0	GR (GAPI)	150
6	DCAL (in)	16
6	BOREID (in)	16
	TBHV (ft3)	DEVI (deg)

30	NPOR (pu)	-10		
30	DPOR (pu)	-10		
70	DPOR (pu)	30		
0	Pe (barn)	10 -0.25	RHOC (g/cc)	0.25
	TEMP (degF)	8000	LTEN (lb)	0
				ABHV (ft3)

Calibration Report

Database File brlegleiter#1-10oh.db
 Dataset Pathname pass5.1

Dual Induction Calibration Report

Serial-Model: 5375-G
 Surface Cal Performed: Wed May 5 19:18:35 2021
 Downhole Cal Performed: Wed May 5 19:19:37 2021
 After Survey Verification Performed: Wed May 5 19:19:37 2021

Surface Calibration

Loop:	Readings			References			Results	
	Air	Loop	V	Air	Loop		m	b
Deep	0.001	0.643	V	0.000	350.000	mmho/m	545.845	-0.739
Medium	0.006	0.727	V	0.000	400.000	mmho/m	554.957	-3.517
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.001	0.642	V	0.000	350.000	mmho/m	545.941	-0.743
Medium	0.006	0.727	V	0.000	550.000	mmho/m	762.787	-4.700

Downhole Calibration

Internal:	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Deep	0.127	350.109	mmho/m	0.003	349.942	mmho/m	1.000	-0.123
Medium	0.122	400.202	mmho/m	-0.097	400.049	mmho/m	1.000	-0.219
Shallow	2.429	0.012	V	500.000	2.000	Ohm-m	205.985	0.227

After Survey Verification

Internal:	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	0.127	350.109	mmho/m	1.000	-0.123
Medium	0.000	0.000	mmho/m	0.122	400.202	mmho/m	1.000	-0.219
Shallow	0.000	0.000	Ohm-m	500.000	2.000	Ohm-m	1.000	0.000

Admyr Lithodensity Calibration Report

Serial-Model: 1C-C
 Source: Blue2
 Master Calibration Performed: Tue Aug 30 10:20:37 2022

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.670	g/cc	6362.49	3546.71	cps
Aluminium	2.640	g/cc	1733.54	2362.69	cps
Aluminium+Sleeve	2.617	g/cc	1657.01	2197.69	cps
Spine Angle = 72.65			Density/Spine Ratio = 0.712		
	PE		NLITH	NHARD	
Magnesium	1.900	barn	5031.16	2670.10	cps
Aluminium	2.400	barn	925.14	1260.20	cps
Aluminium+Sleeve	5.000	barn	816.33	1216.63	cps
M = 0.191			B = 0.171		R = 0.787
Size			Reading		

Small Ring	8.00	in	8.61	V
Large Ring	14.30	in	12.40	V

Neutron Calibration Report				
Serial Number:	AD5139			
Tool Model:	ADMY5139			
Performed:	(Not Performed)			
Calibrator Value:	1		NAPI	
Calibrator Reading:	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	

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	40.07		CHD-STD	0.50	1.69	1.00
ACCY	38.91		ADT-WMC (WithMC)	4.58	3.50	120.00
ACCX	38.91		Admyr Telemetry With Mudcell			
SSTAT	38.49					

PSTAT	37.66		5.65	3.50	50.00
ASTAT	37.66				
GRD	36.82				
TEMP	36.82				
NEU	32.79				
LSTAT	23.64				
LS_HV	23.62				
LS8	23.62				
LS7	23.62				
LS6	23.62				
LS5	23.62				
NHARD	23.62				
LSD	23.62				
LS2	23.62				
NLITH	23.62				
LSV	23.37				
DCAL	23.37				
SS_HV	23.04				
SSV	23.04				
SS8	23.04				
SS7	23.04				
SS6	23.04				
SS5	23.04				
SS4	23.04				
SSD	23.04				
SS2	23.04				
SS1	23.04				
SP	10.60				
CILD	10.60				
CILM	6.89				
RLL3	1.70				

TR_Mon	0.00	Dataset: brlegleiter#1-10oh.db: field/well/run1/pass5.1 Total length: 41.49 ft Total weight: 756.00 lb O.D.: 4.00 in			
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