



COMPENSATED DENSITY NEUTRON LOG

Company Stewart Producers, Inc

Well Dinges Trust #1

Field Wildcat

County Ness State Kansas

Location: API #: 15 135 25941-00-00

SEC 13 TWP 18S RGE 25W

Permanent Datum Ground Level Elevation 2372'

Log Measured From KB 5' AGL

Drilling Measured From KB

Other Services DIL ML BCS

Elevation KB: 2377' D.F. 2376' G.L. 2372'

Date 2-24-2017

Run Number One

Depth Driller 4440'

Depth Logger 4440'

Bottom Logged Interval 4418'

Top Log Interval 3500'

Casing Driller 208'

Casing Logger 208'

Bit Size 7 7/8"

Type Fluid in Hole Chemical

Density / Viscosity 9.2/58

pH / Fluid Loss 11/7.8

Source of Sample Calculated

Rm @ Meas. Temp 1.9@58degf

Rmf @ Meas. Temp 1.43@58degf

Rmc @ Meas. Temp 2.8@58degf

Source of Rmf / Rmc Calculated

Rm @ BHT 0.96@115degf

Time Circulation Stopped 3:15 a.m.

Time Logger on Bottom 5:10 a.m.

Maximum Recorded Temperature 115degf

Equipment Number T-729

Location Hays, KS

Recorded By C. Patterson

Witnessed By Mr. Dave Goldak

Mr. Robert Stewart

Mr. Mark Thompson

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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

West of Ness City to L Rd.,
Then 2mi. North, West into

Thanks for using Gemini Wireline LLC
785-625-1182



Main Pass

Database File spdingestrust1oh.db
 Dataset Pathname pass2.1
 Presentation Format kcdnl
 Dataset Creation Fri Feb 24 08:32:12 2017
 Charted by Depth in Feet scaled 1:240

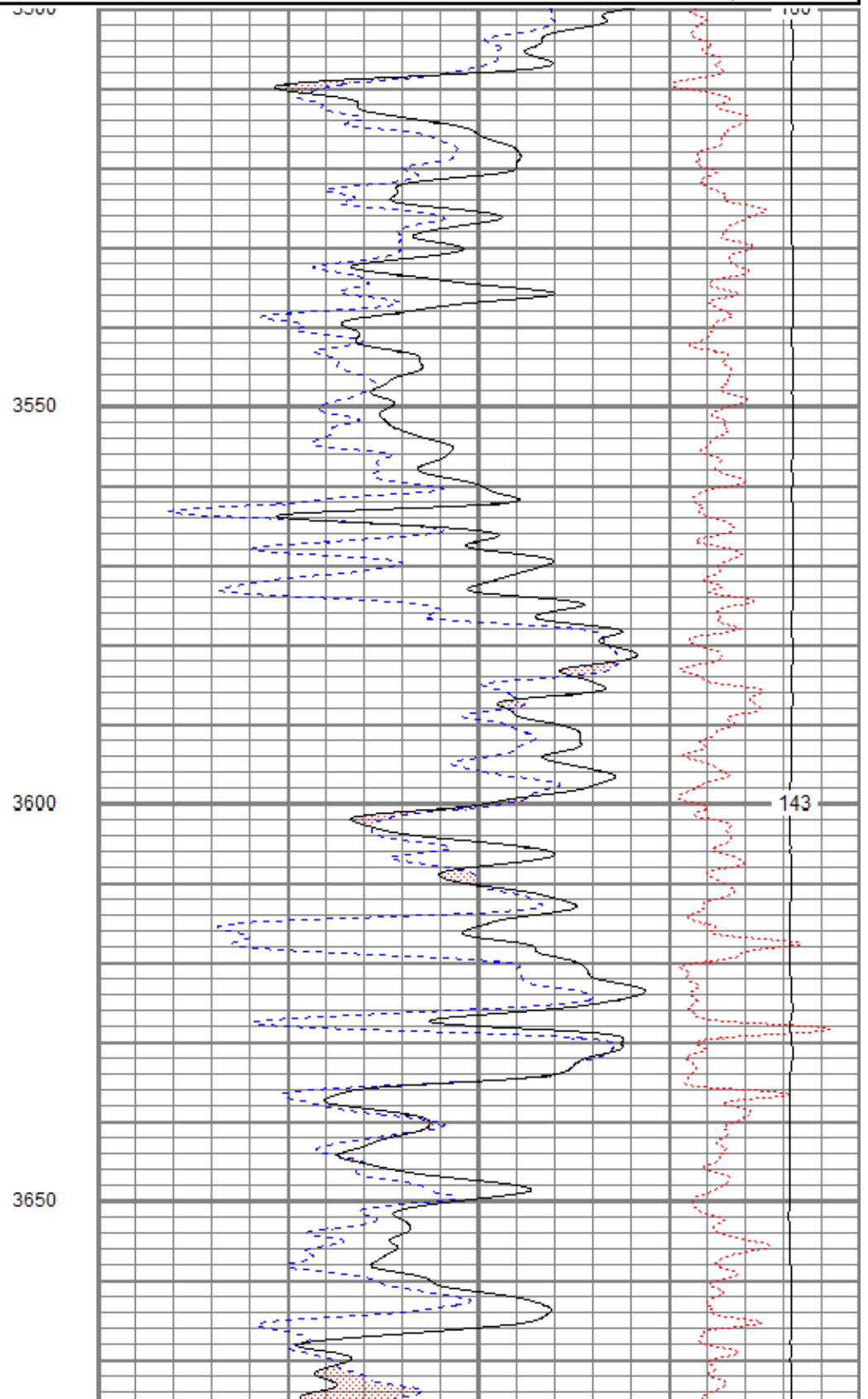
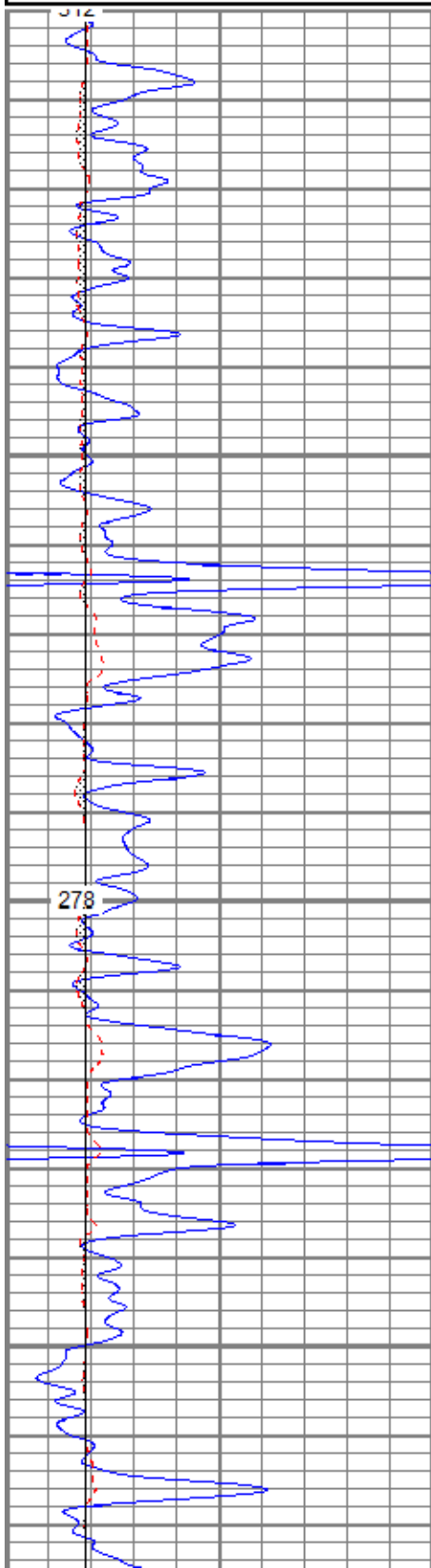
0	GR (GAPI)	150
6	DCAL (in)	16
6	BOREID (in)	16

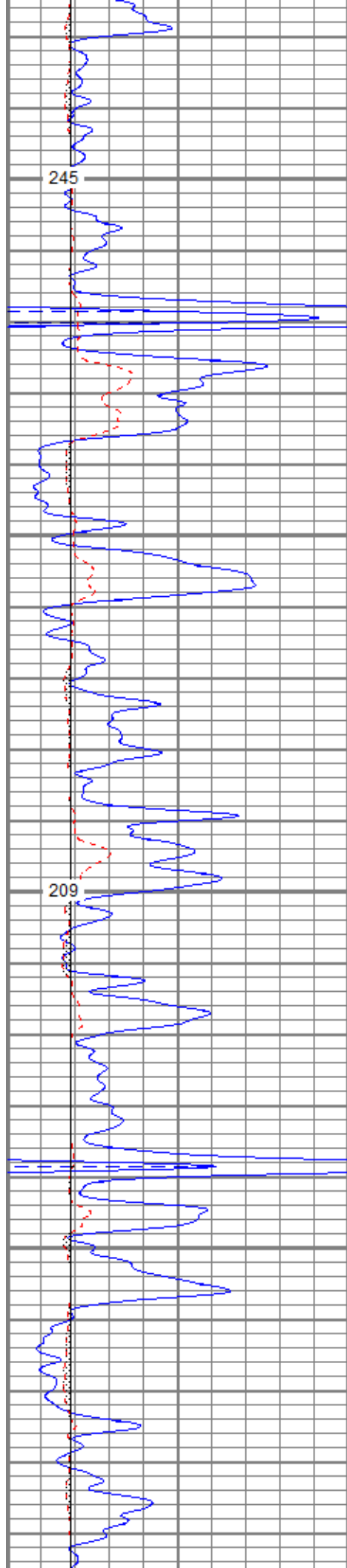
30	NPOR (pu)	-10
30	DPOR (pu)	-10
70	DPOR (pu)	30

TBHV (ft3)

-0.25	RHOC (g/cc)	0.25
10000	LTEN (lb)	0

ABHV (ft3)



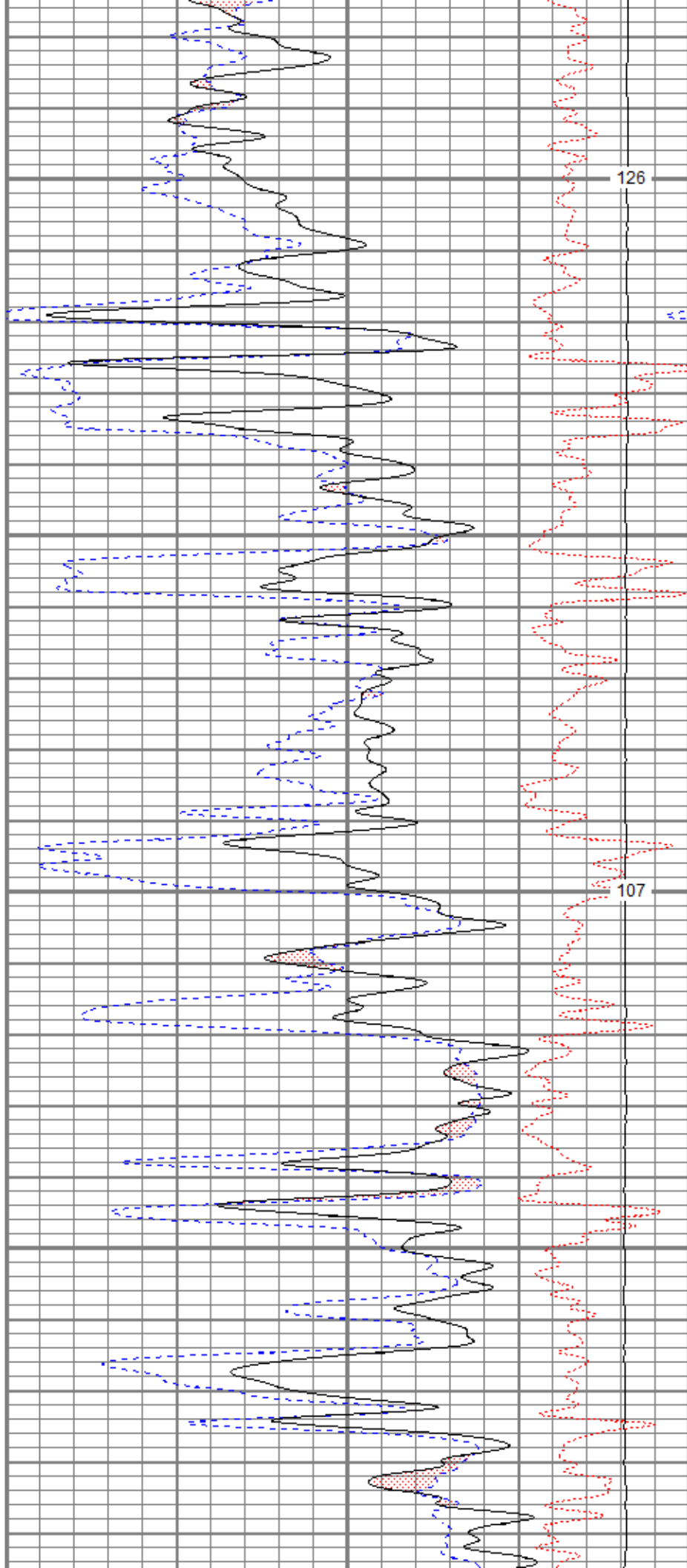


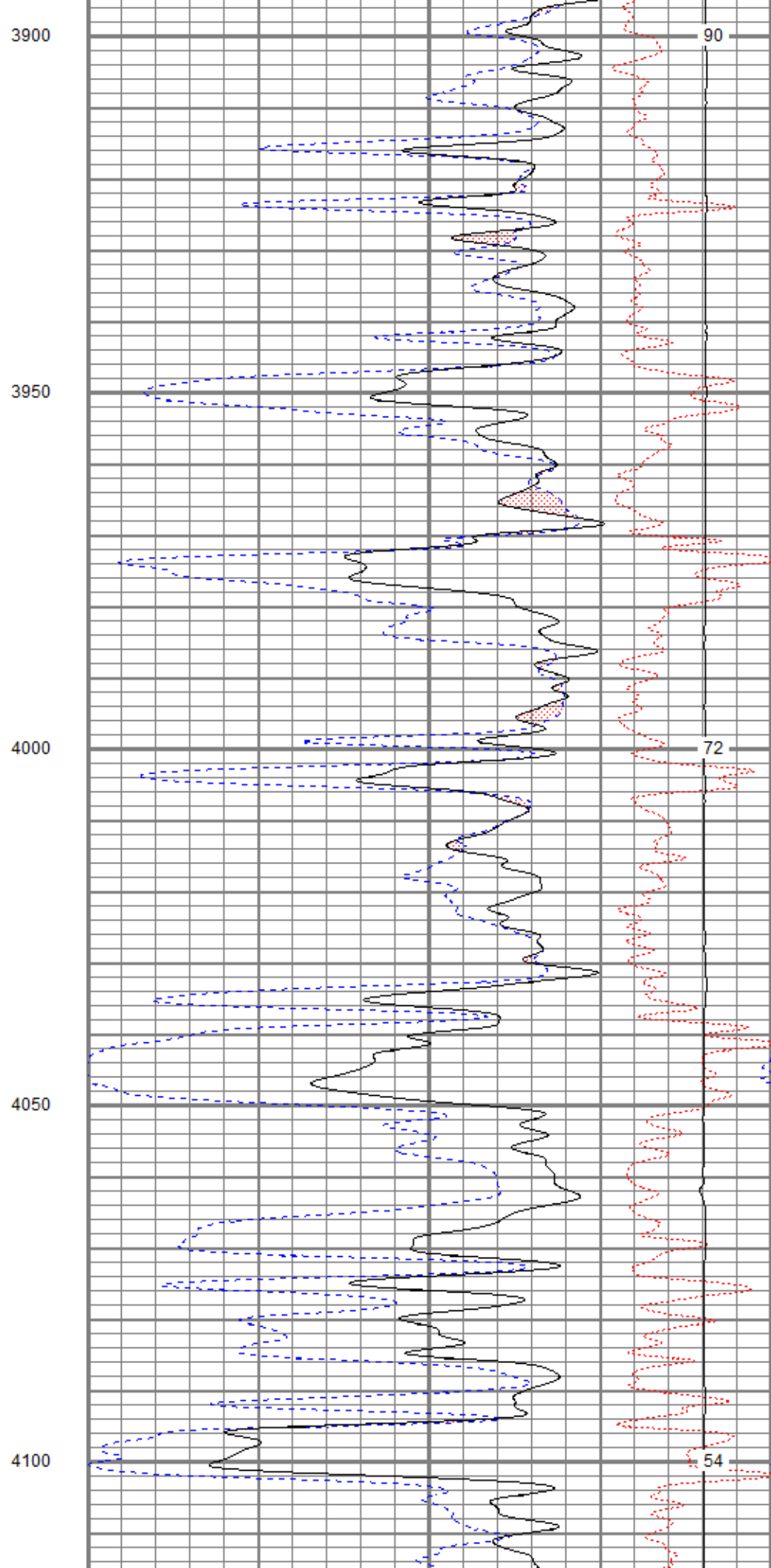
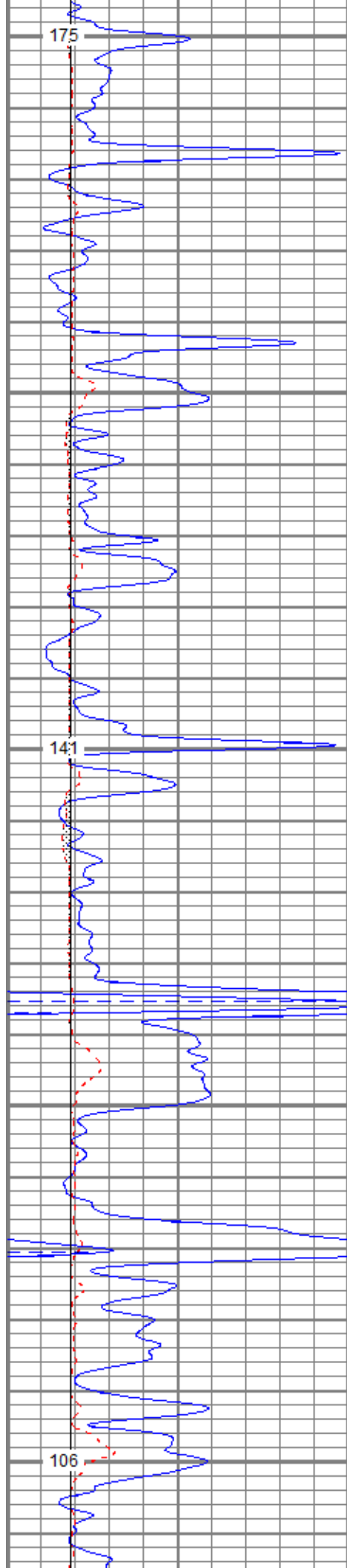
3700

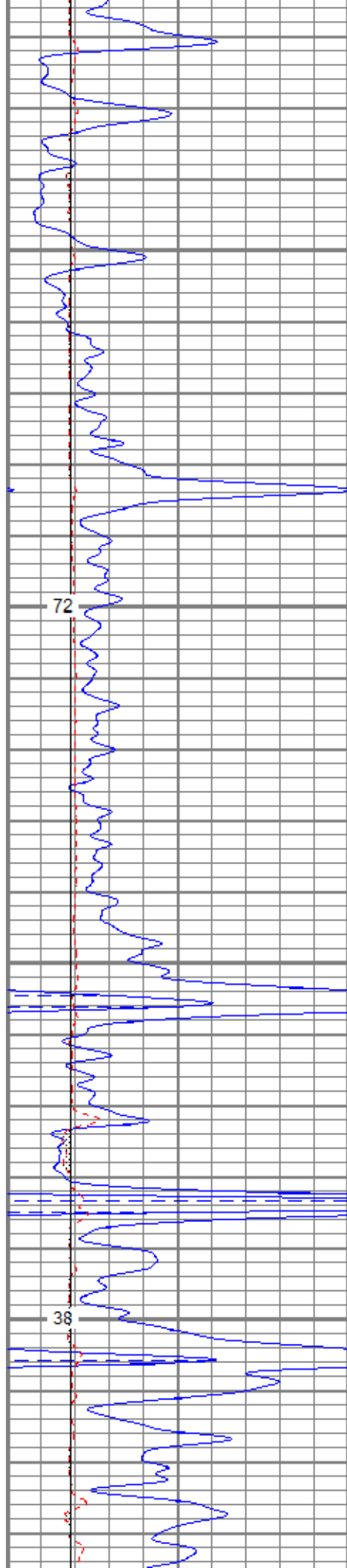
3750

3800

3850





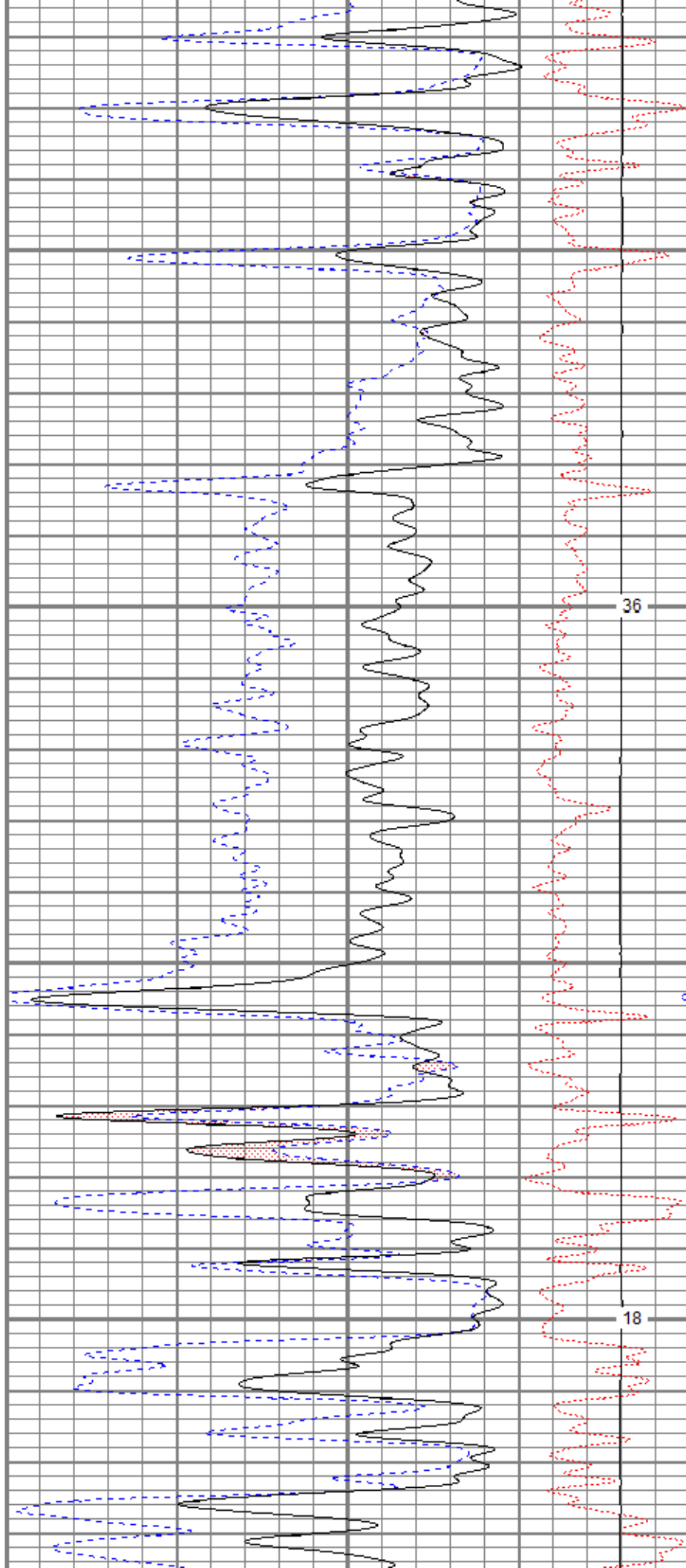


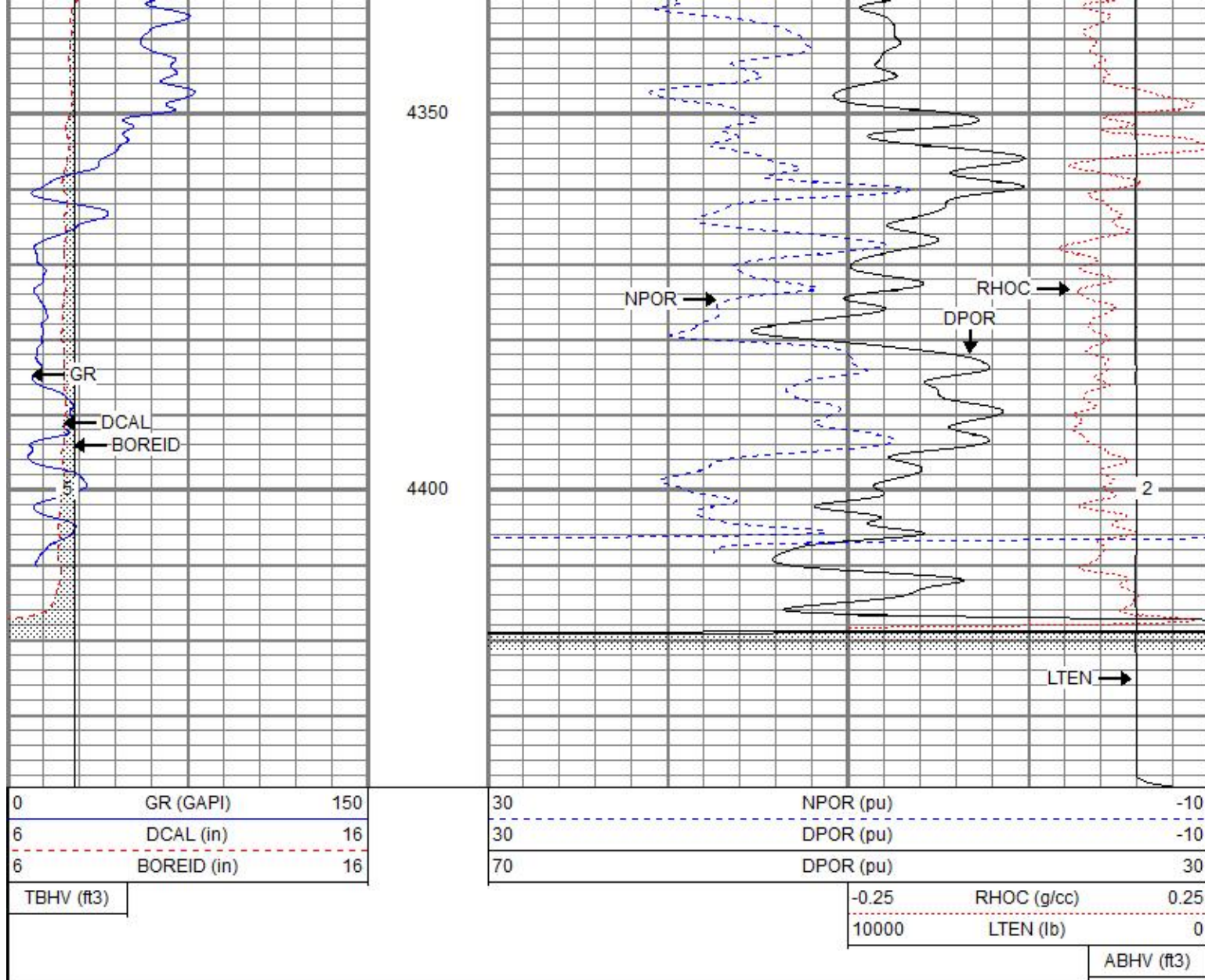
4150

4200

4250

4300

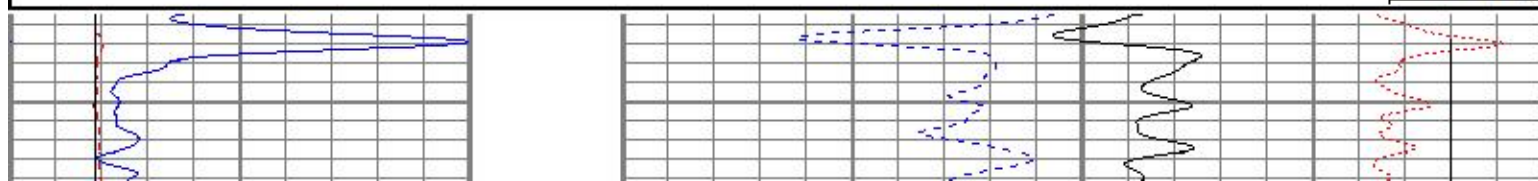


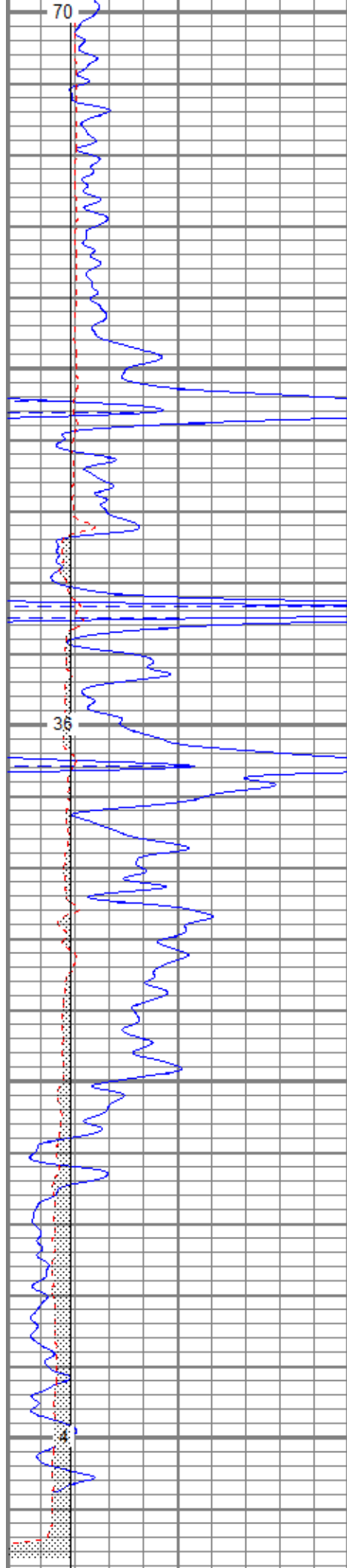


Repeat Section

Database File: spdingestrust1oh.db
 Dataset Pathname: pass1.1
 Presentation Format: kcdnl
 Dataset Creation: Fri Feb 24 08:35:03 2017
 Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	150	30	NPOR (pu)	-10
6	DCAL (in)	16	30	DPOR (pu)	-10
6	BOREID (in)	16	70	DPOR (pu)	30
TBHV (ft3)			-0.25 RHOC (g/cc) 0.25		
			10000 LTEN (lb) 0		
			ABHV (ft3)		





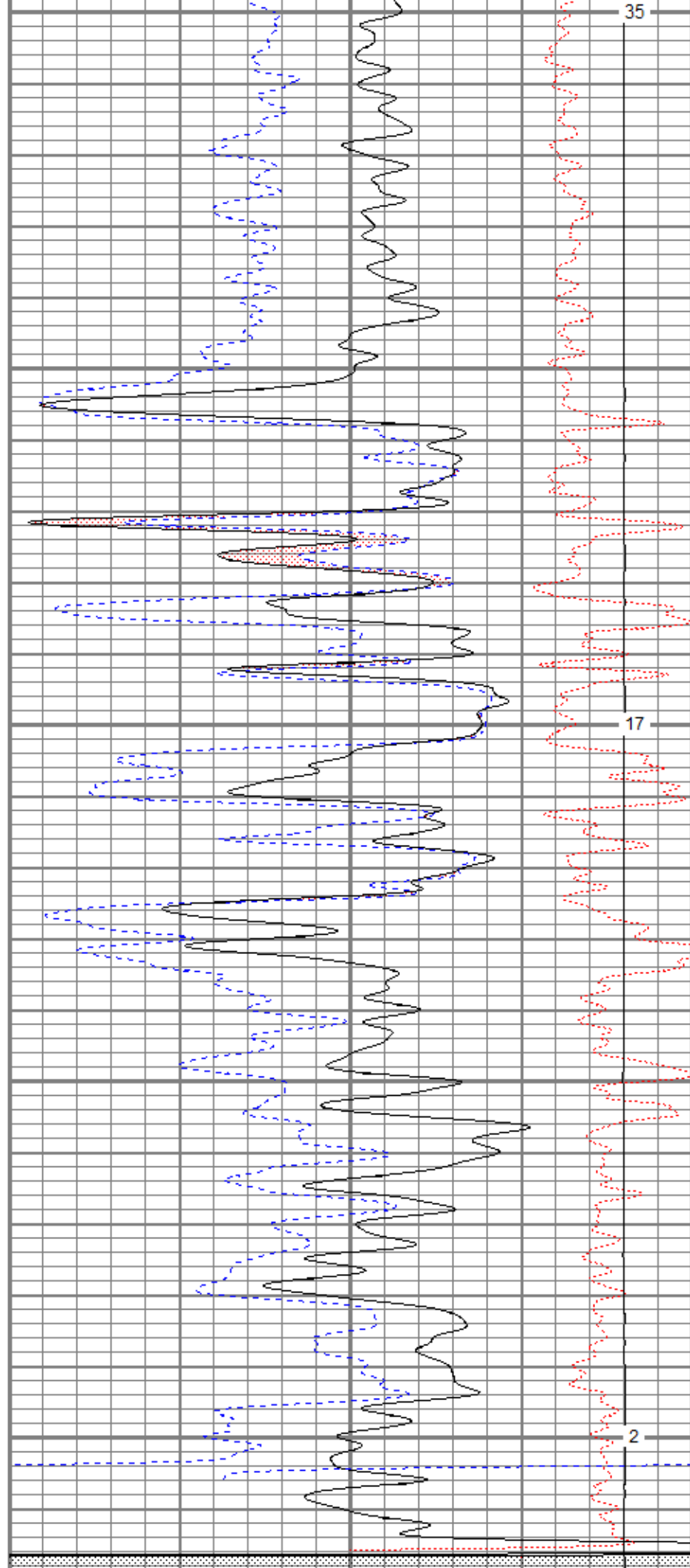
4200

4250

4300

4350

4400



6	DCAL (in)	16	30	DPOR (pu)	-10
6	BOREID (in)	16	70	DPOR (pu)	30
TBHV (ft3)				-0.25	RHOC (g/cc) 0.25
				10000	LTEN (lb) 0
					ABHV (ft3)

Calibration Report	
Database File	spdingestrust1oh.db
Dataset Pathname	pass2.1
Dataset Creation	Fri Feb 24 08:32:12 2017

Dual Induction Calibration Report

Serial-Model:	1989-ADM
Surface Cal Performed:	Fri Feb 20 04:01:49 2015
Downhole Cal Performed:	Fri Feb 20 04:02:20 2015
After Survey Verification Performed:	Fri Feb 20 04:02:20 2015

Surface Calibration								
Readings			References			Results		
Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.003	0.644	V	0.000	350.000	mmho/m	540.956	1.459
Medium	-0.001	0.755	V	0.000	400.000	mmho/m	528.900	0.539
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	-0.003	0.644	V	0.000	350.000	mmho/m	541.252	1.368
Medium	-0.001	0.756	V	0.000	550.000	mmho/m	726.850	0.537

Downhole Calibration								
Readings			References			Results		
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.162	349.775	mmho/m	0.092	349.901	mmho/m	1.001	-0.069
Medium	-0.013	400.145	mmho/m	0.148	400.362	mmho/m	1.000	0.161
Shallow	2.502	0.009	V	500.000	2.000	Ohm-m	159.779	1.000

After Survey Verification								
Readings			Targets			Results		
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	0.162	349.775	mmho/m	1.001	-0.069
Medium	0.000	0.000	mmho/m	-0.013	400.145	mmho/m	1.000	0.161
Shallow	0.000	0.000	Ohm-m	500.000	2.000	Ohm-m	1.000	0.000

Compensated Density Calibration Report
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Serial-Model:	2118-poilex
Source / Verifier:	csvj12 /
Master Calibration Performed:	Wed Oct 14 06:57:36 2015
Before Survey Verification Performed:	
After Survey Verification Performed:	

Master Calibration					
	Density		Far Detector	Near Detector	
Magnesium	1.750	g/cc	388.04	379.89	cps
Aluminum	2.620	g/cc	73.23	241.18	cps
Spine Angle = 74.76			Density/Spine Ratio = 0.503		

		Size		Reading	
Small Ring		8.59	in	2.41	V
Large Ring		14.00	in	4.04	V
Before Survey Verification					
		Target		Measured	
			g/cc		g/cc
			g/cc		g/cc
			g/cc		g/cc
After Survey Verification					
		Target		Measured	
			g/cc		g/cc
			g/cc		g/cc
			g/cc		g/cc
Gamma Ray Calibration Report					
Serial Number:		2118			
Tool Model:		poilex			
Performed:		Mon Feb 20 18:24:10 2017			
Calibrator Value:		1.0		GAPI	
Background Reading:		0.0		cps	
Calibrator Reading:		1.0		cps	
Sensitivity:		0.9500		GAPI/cps	
Neutron Calibration Report					
Serial Number:		5138			
Tool Model:		G			
Performed:		Fri Feb 20 03:21:36 2015			
Calibrator Value:		1		NAPI	
Calibrator Reading:		1		cps	
Sensitivity:		1		NAPI/cps	

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
NEU	32.86		CHD-None	0.75	1.50	5.00
			NEU-G (5138) Gearhart Epithermal	5.65	3.50	85.00
GR	27.13		GR-poilex (2118)	2.79	4.00	40.00
LSD	22.04		CDL-poilex (2118)	6.04	4.00	275.00
DCAL	21.71					
SSD	21.54					

SP	10.60		19.71	4.00	300.00
CILD	10.60				
CILM	6.89				
RLL3	1.70				
Dataset: spdingestrust1oh.db: field/well/run1/pass2.1 Total length: 34.94 ft Total weight: 705.00 lb O.D.: 4.00 in					