



COMPENSATED DENSITY NEUTRON LOG

Company LaVeta Oil & Gas

Well Allen #15

Field Richardson

County Stafford State Kansas

Location: API #: 15 185 23972

SEC 31 TWP 22S RGE 11W

Permanent Datum Ground Level Elevation 1814'

Log Measured From KB 10' AGL

Drilling Measured From KB

Other Services
DIL

Elevation

K.B. 1824'

D.F. 1823'

G.L. 1814'

Date 11-17-16

Run Number One

Depth Driller 3548'

Depth Logger 3552'

Bottom Logged Interval 3529'

Top Log Interval 2600'

Casing Driller 8 5/8" @ 250'

Casing Logger 250'

Bit Size 7 7/8"

Type Fluid in Hole Chemical

Density / Viscosity 9.35/52

pH / Fluid Loss 10.5/9.2

Source of Sample Pit

Rm @ Meas. Temp 2.6@66degf

Rmf @ Meas. Temp 1.95@66degf

Rmc @ Meas. Temp 3.12@66degf

Source of Rmf / Rmc Calculated

Rm @ BHT 1.53@112degf

Time Circulation Stopped 6:00 a.m.

Time Logger on Bottom 8:00 a.m.

Maximum Recorded Temperature 112degf

Equipment Number T127

Location Hays, KS

Recorded By Gus Pfannenstiel

Witnessed By Mr. Bruce Reed

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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

Thanks for using Gemini Wireline LLC
785-625-1182



Main Pass

Database File loallen#15oh.db
 Dataset Pathname pass2.1
 Presentation Format kcdnl
 Dataset Creation Thu Nov 17 08:45:34 2016
 Charted by Depth in Feet scaled 1:240

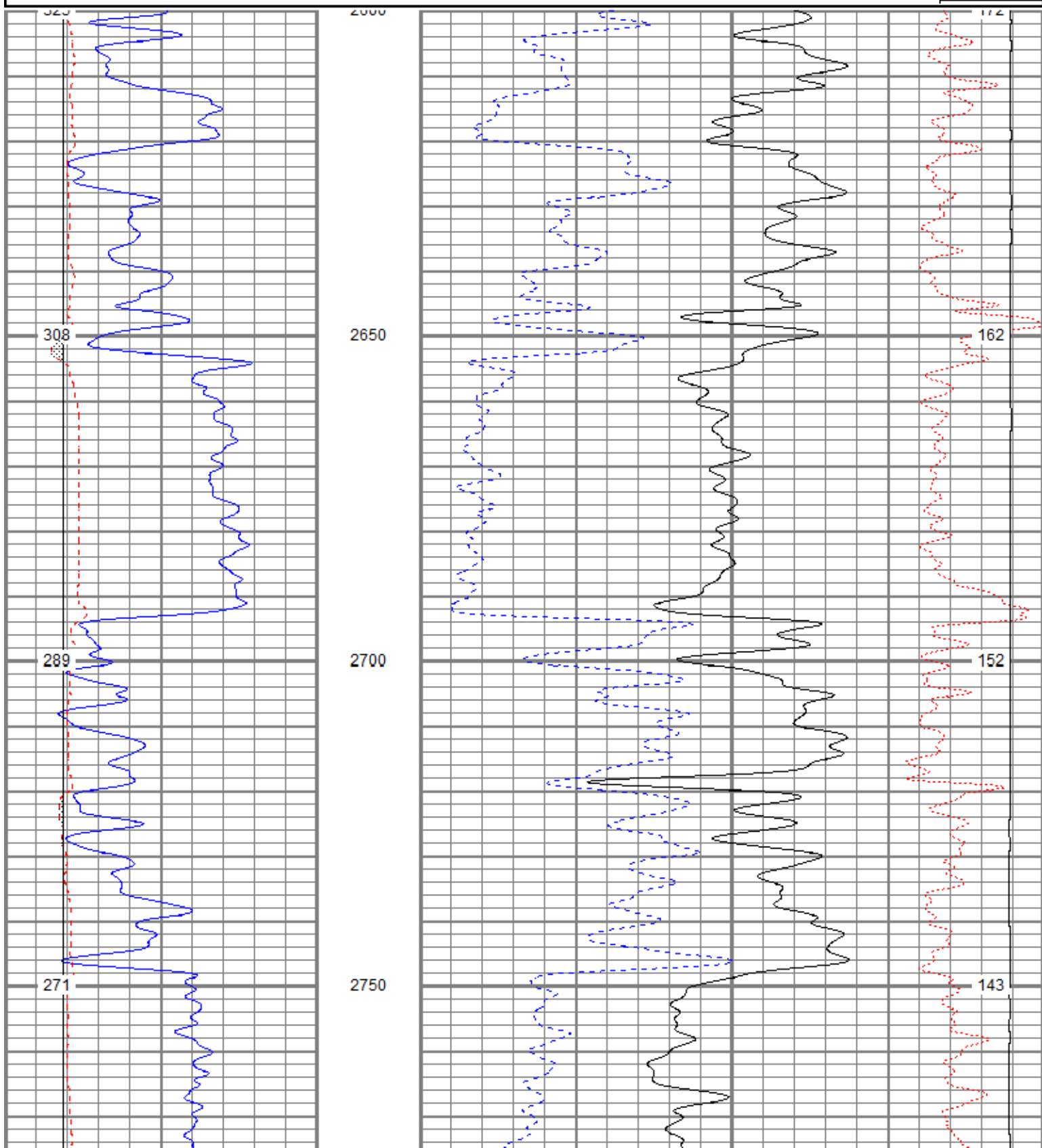
0	GR (GAPI)	150
6	DCAL (in)	16
6	BOREID (in)	16

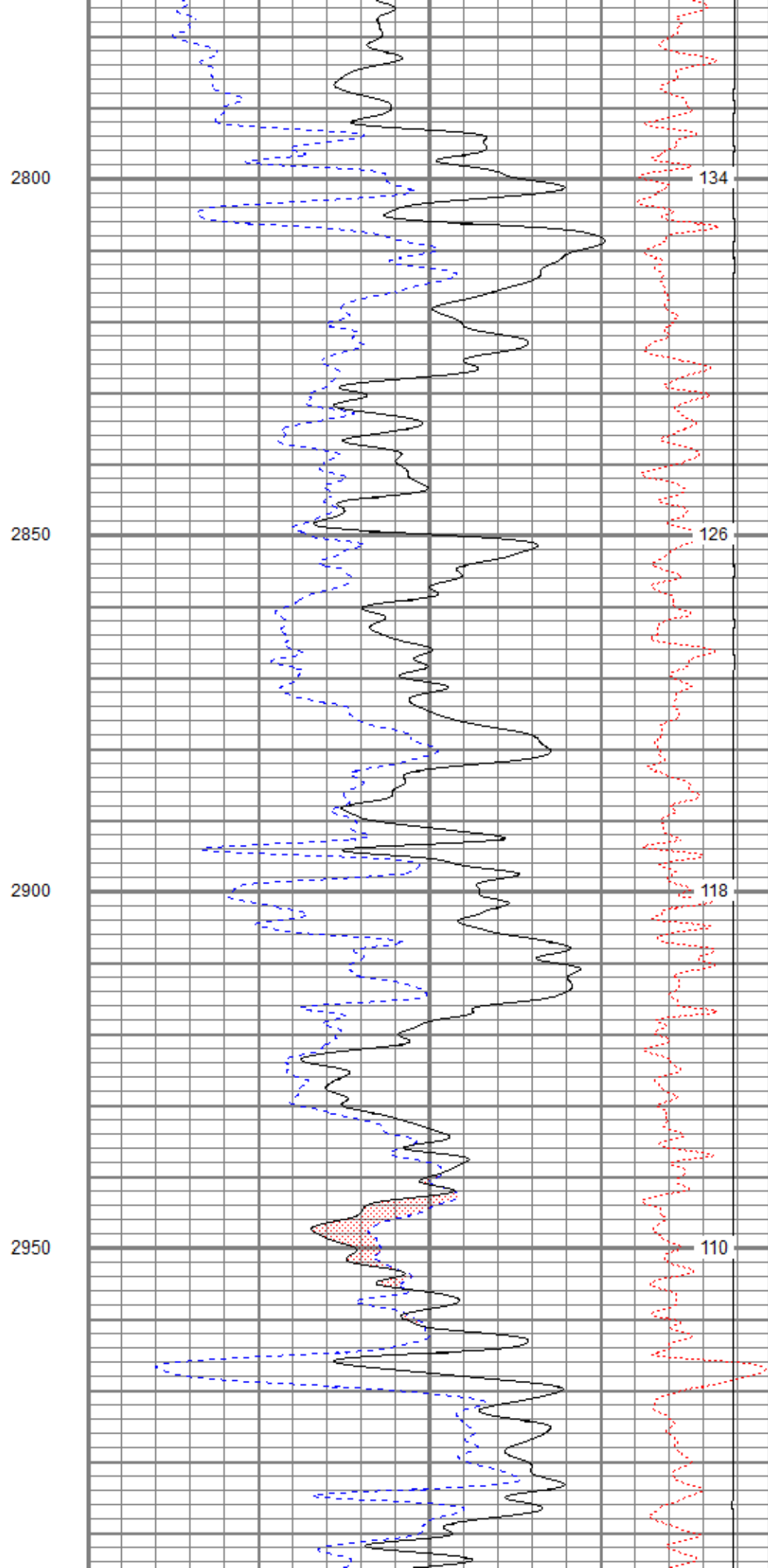
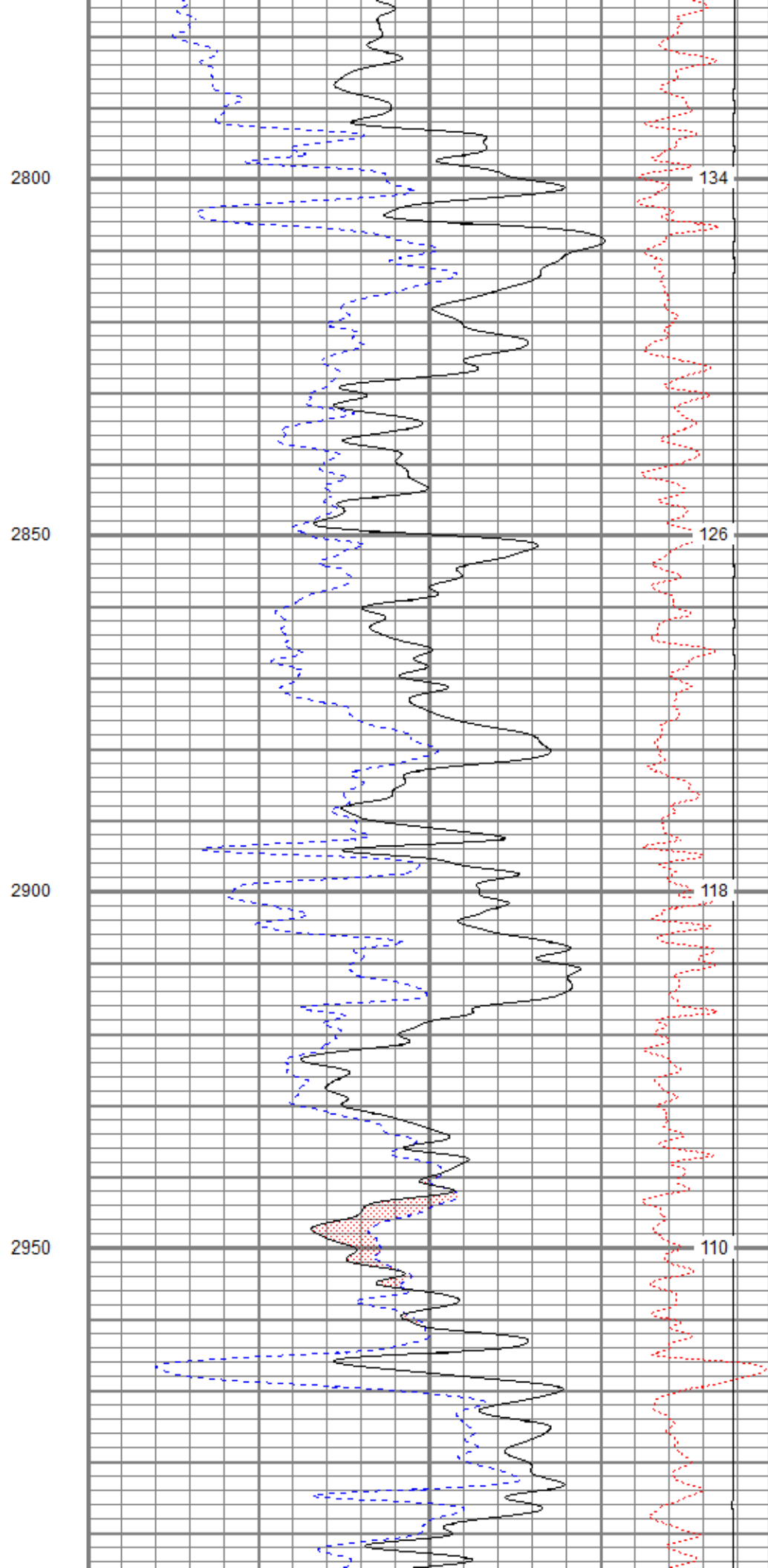
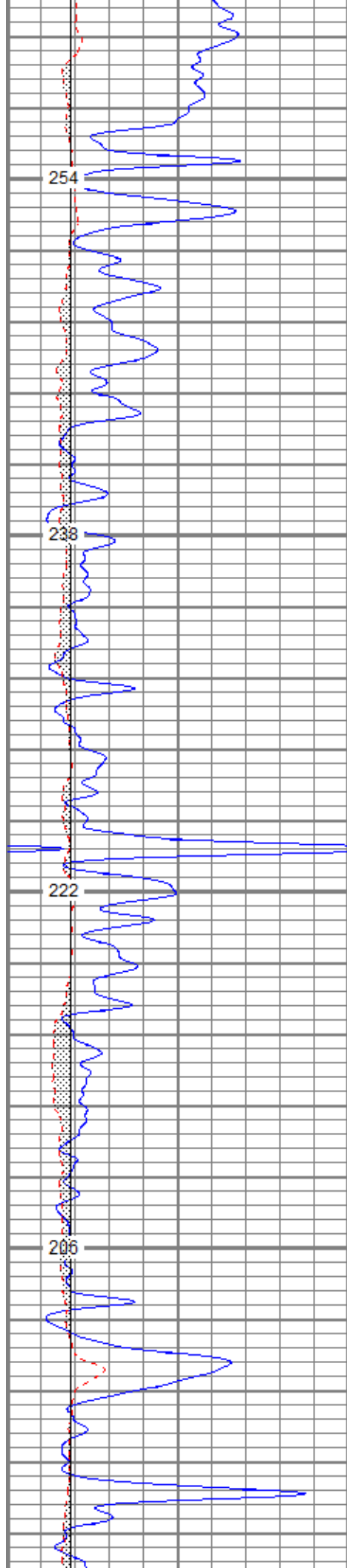
30	NPOR (pu)	-10
30	DPOR (pu)	-10
70	DPOR (pu)	30

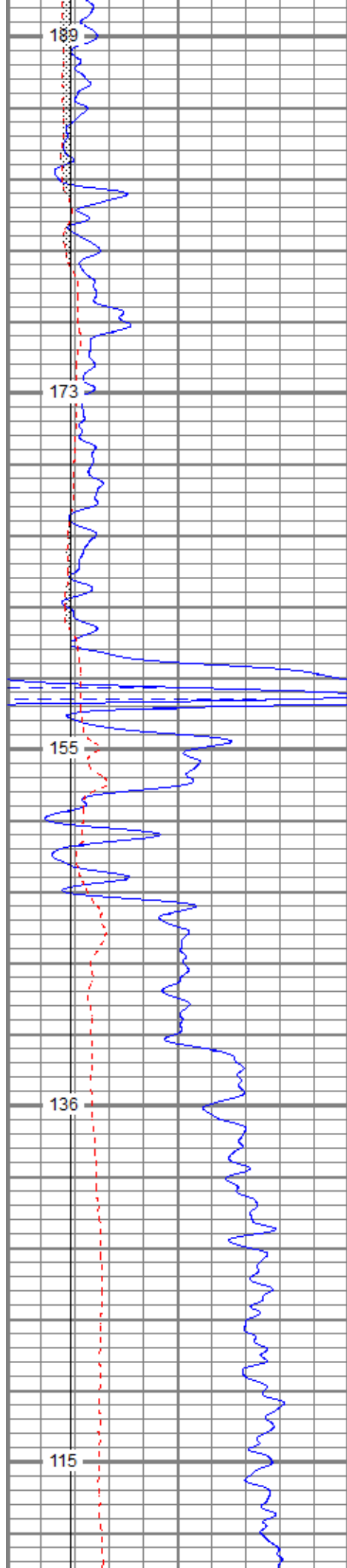
TBHV (ft3)

-0.25	RHOC (g/cc)	0.25
8000	LTEN (lb)	0

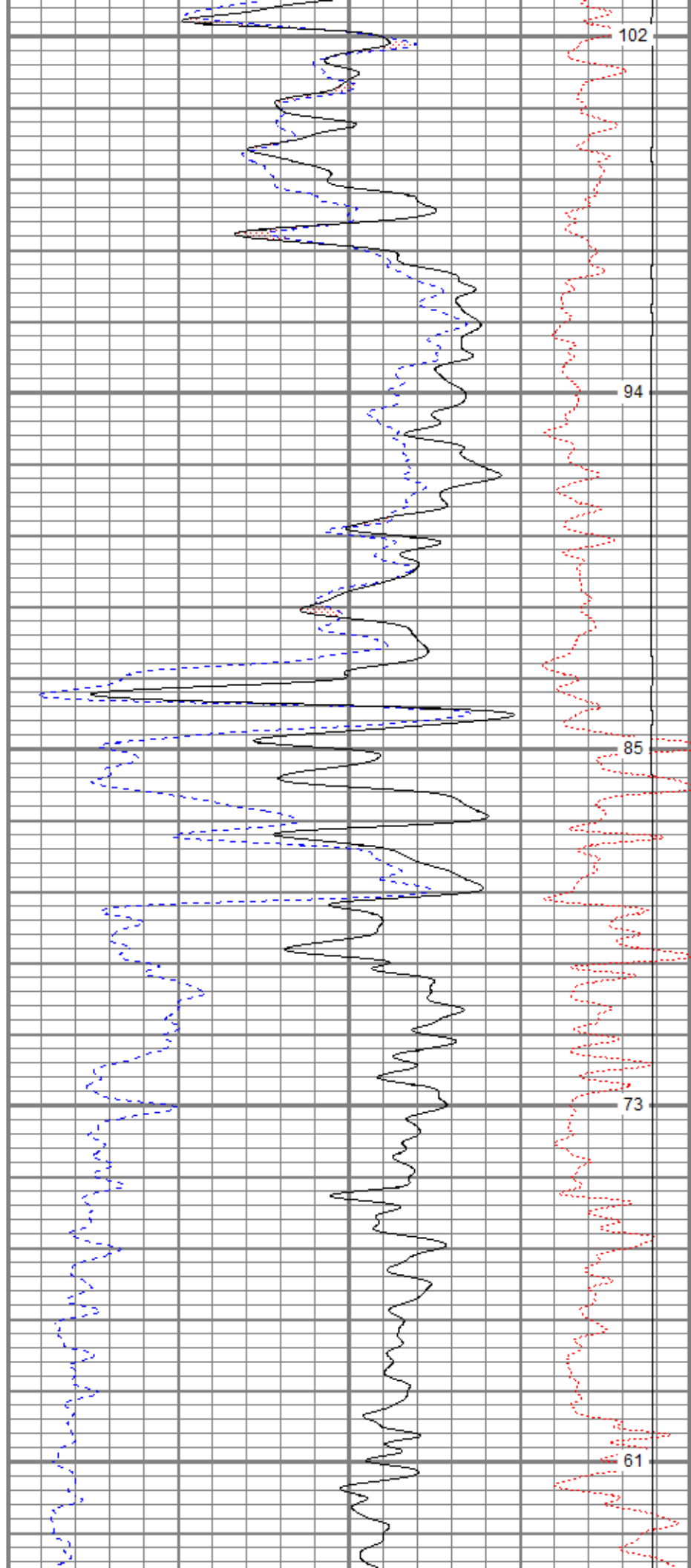
ABHV (ft3)

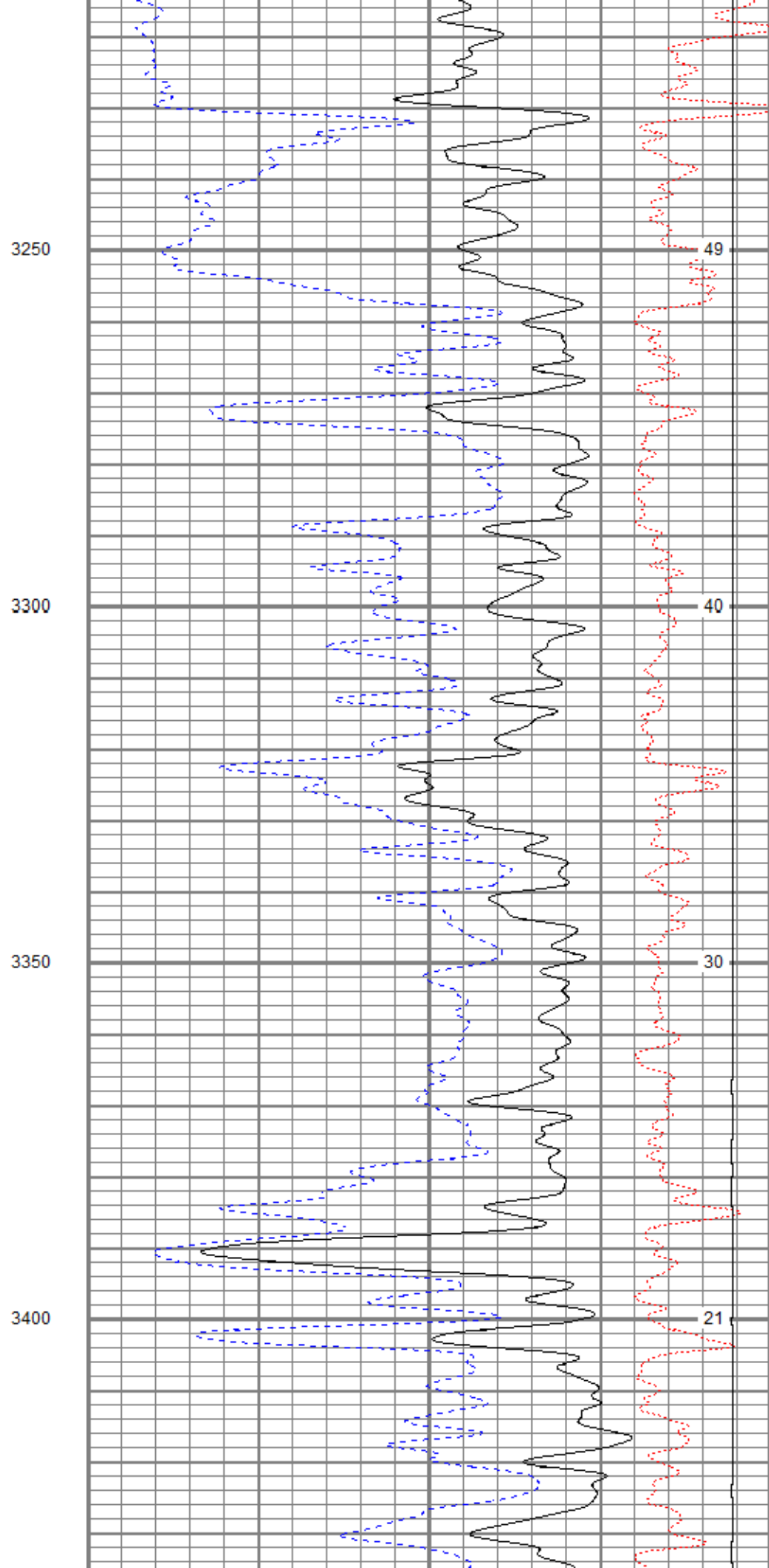
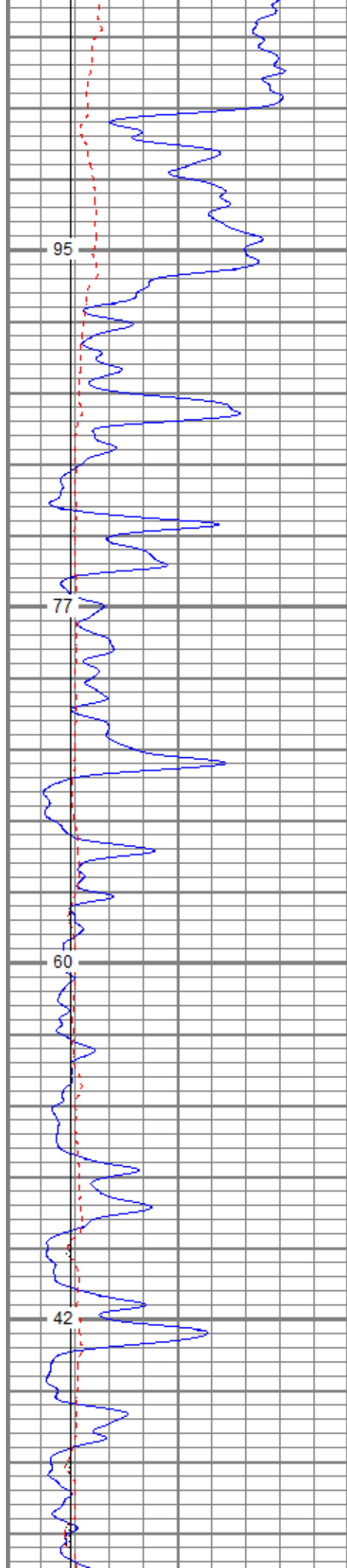


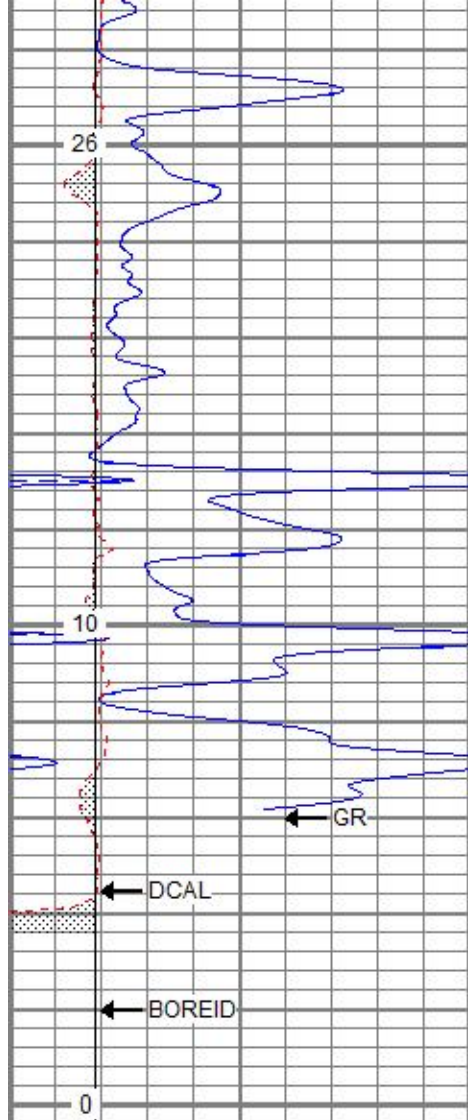




3000
3050
3100
3150
3200







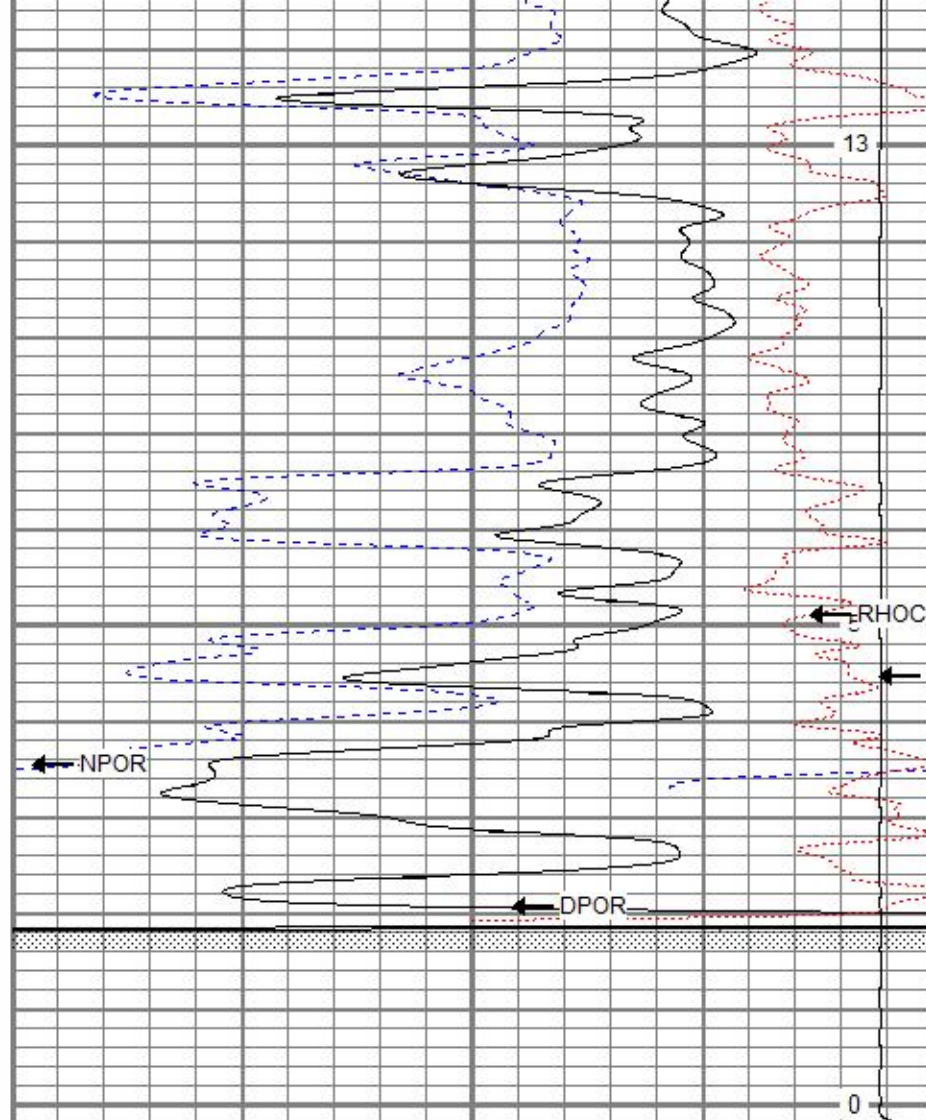
0	GR (GAPI)	150
6	DCAL (in)	16
6	BOREID (in)	16

TBHV (ft3)

3450

3500

3550



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

-0.25	RHOC (g/cc)	0.25
8000	LTEN (lb)	0

ABHV (ft3)



Repeat Pass

Database File loallen#15oh.db
 Dataset Pathname pass1
 Presentation Format kcdnl
 Dataset Creation Thu Nov 17 08:07:23 2016
 Charted by Depth in Feet scaled 1:240

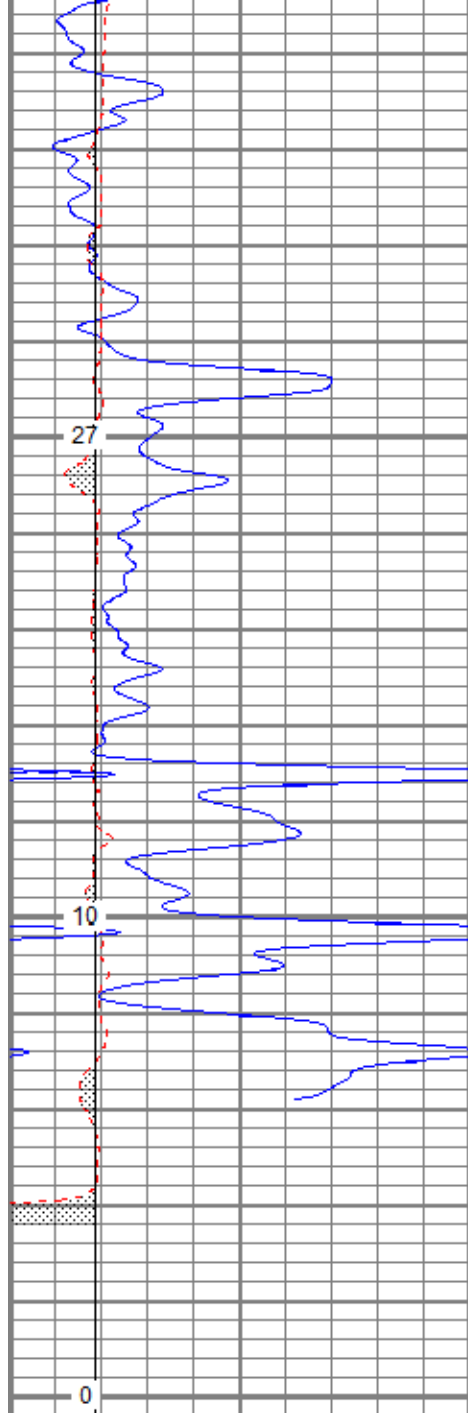
0	GR (GAPI)	150
6	DCAL (in)	16
6	BOREID (in)	16

TBHV (ft3)

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

-0.25	RHOC (g/cc)	0.25
8000	LTEN (lb)	0

ABHV (ft3)



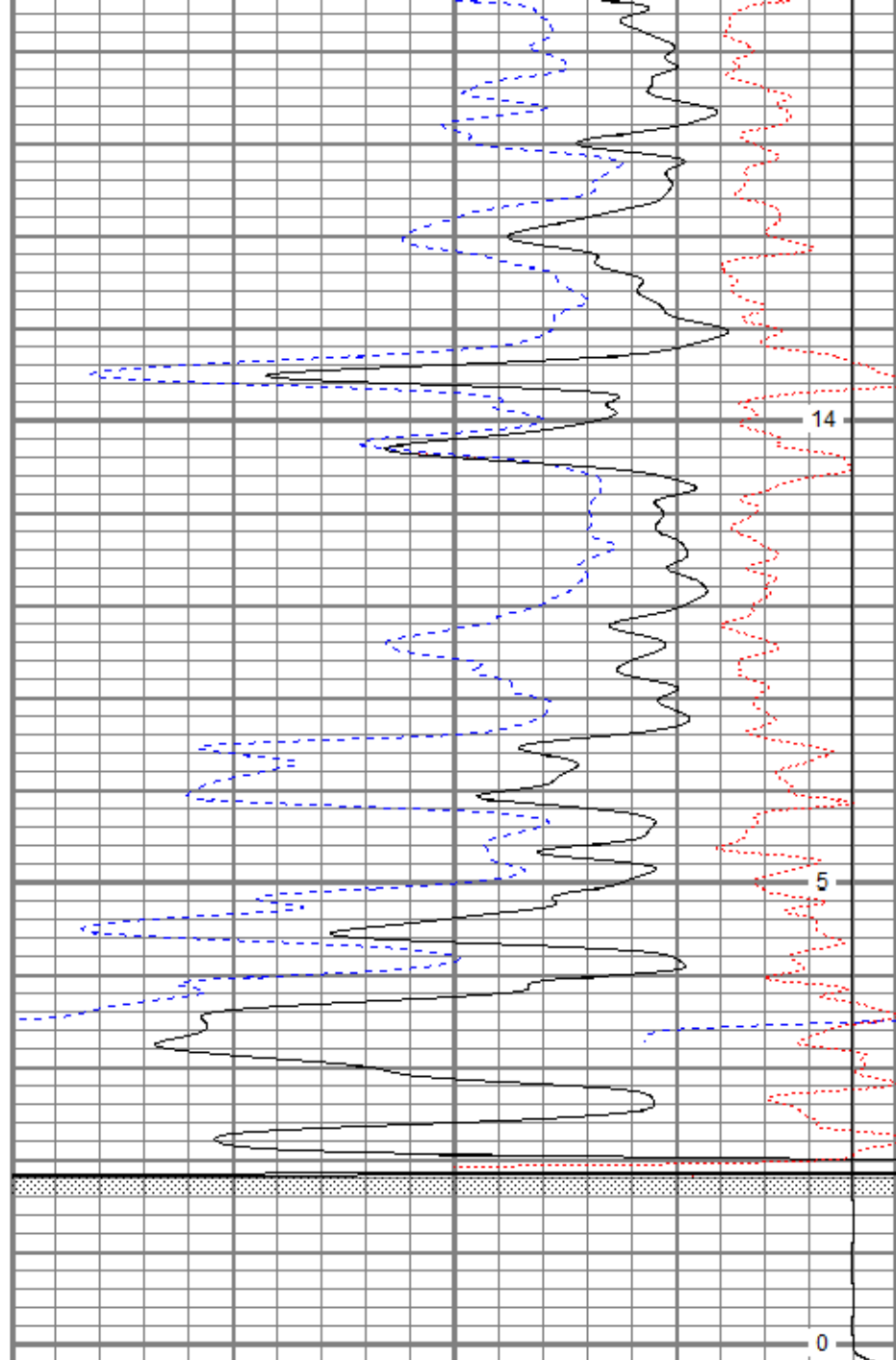
0	GR (GAPI)	150
6	DCAL (in)	16
6	BOREID (in)	16

TBHV (ft3)

3450

3500

3550



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

-0.25	RHOC (g/cc)	0.25
8000	LTEN (lb)	0

ABHV (ft3)

Calibration Report

Database File: loallen#15oh.db
 Dataset Pathname: pass1
 Dataset Creation: Thu Nov 17 08:07:23 2016

Dual Induction Calibration Report

Serial-Model: 1989-ADM
 Surface Cal Performed: Mon Jul 11 21:35:42 2016
 Downhole Cal Performed: Mon Jul 11 21:36:11 2016
 After Survey Verification Performed: Mon Jul 11 21:36:11 2016

Surface Calibration

Serial Number: 2000
 Tool Model: P2000
 Performed: Sun Dec 13 16:43:47 2015

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps

Calibrator Reading: 1.0 cps

Sensitivity: 0.2200 GAPI/cps

Neutron Calibration Report

Serial Number: 5108
 Tool Model: PROBE
 Performed: Thu Jan 21 09:36:17 2016

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	36.60		CHD-None	0.75	1.50	5.00
			NEU-PROBE (5108) Probe	4.92	3.63	85.00
GR	30.81		GR-P2000 (2000)	3.67	3.25	40.00
			CDL-DHT (2501DHT) Digital High Temp CDL Tool	9.69	4.00	201.00
LSD	22.02					
DCAL	21.73					
SSD	21.48					
HEADVOLT	19.71					
SP	10.60		DIL-ADM (1989) Dual Induction	19.71	4.00	300.00
CILD	10.60					
CILM	6.89					
RLL3	1.70					

Dataset: loallen#15oh.db: field/well/run1/pass1
 Total length: 38.73 ft
 Total weight: 631.00 lb
 O.D.: 4.00 in