



Microresistivity Log

Pioneer Energy Services

API No.

15-153-21,089-00-00

Company **Berexco, LLC**

Well **Michael #10-22**

Field **East Fork**

County **Rawlins**

State

Kansas

Location

1830' FSL & 1070' FWL

Other Services
RAG

Sec: **22**

Twp: **1S**

Rge: **36W**

Elevation

Permanent Datum
Log Measured From
Drilling Measured From

Ground Level
Kelly Bushing
Front Kelly Bushing

Elevation 3109
11 Ft. Above Perm. Datum

K.B. 3120
D.F.
G.L. 3109

Date

1/24/2015

Run Number

Two

Depth Driller

4400

Depth Logger

4395

Bottom Logged Interval

4394

Top Log Interval

3600

Casing Driller

8.625 @ 292

Casing Logger

293

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

1,600

Density / Viscosity

9.3 65

pH / Fluid Loss

9.5 6.8

Source of Sample

Flowline

Rm @ Meas. Temp

.8 @ 55

Rmf @ Meas. Temp

.6 @ 55

Rmc @ Meas. Temp

1.08 @ 55

Source of Rmf / Rmc

Charts

Rm @ BHT

.37 @ 120

Operating Rig Time

4 Hours

Max Rec. Temp. F

120

Equipment Number

51

Location

Hays

Recorded By

C. Desaire

Witnessed By

Bryan Bynog

<<< Fold Here >>>

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.

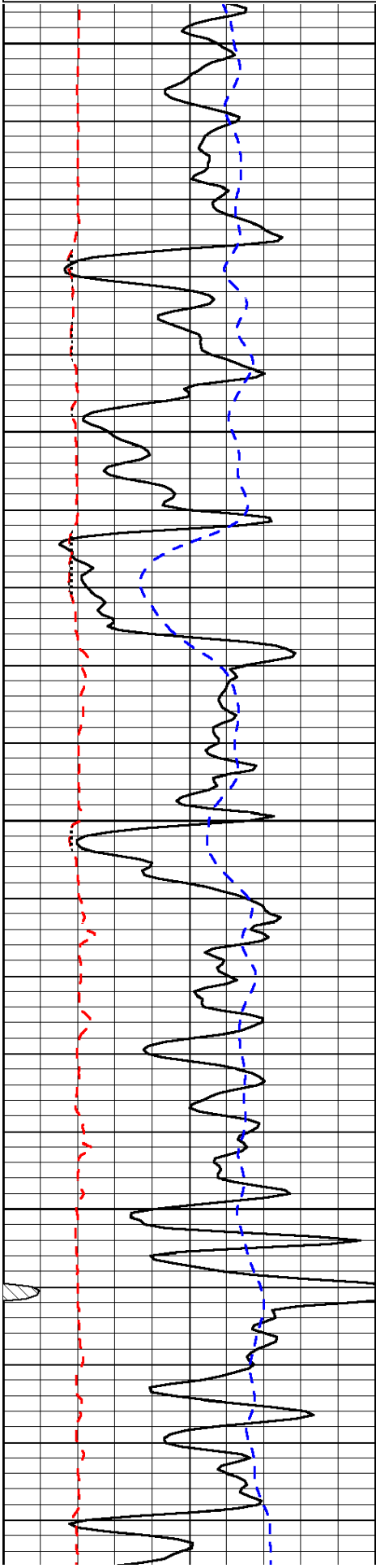
Comments

Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

McDonald KS, N to AA.5 Rd,
1 1/2 E (past river), S Into

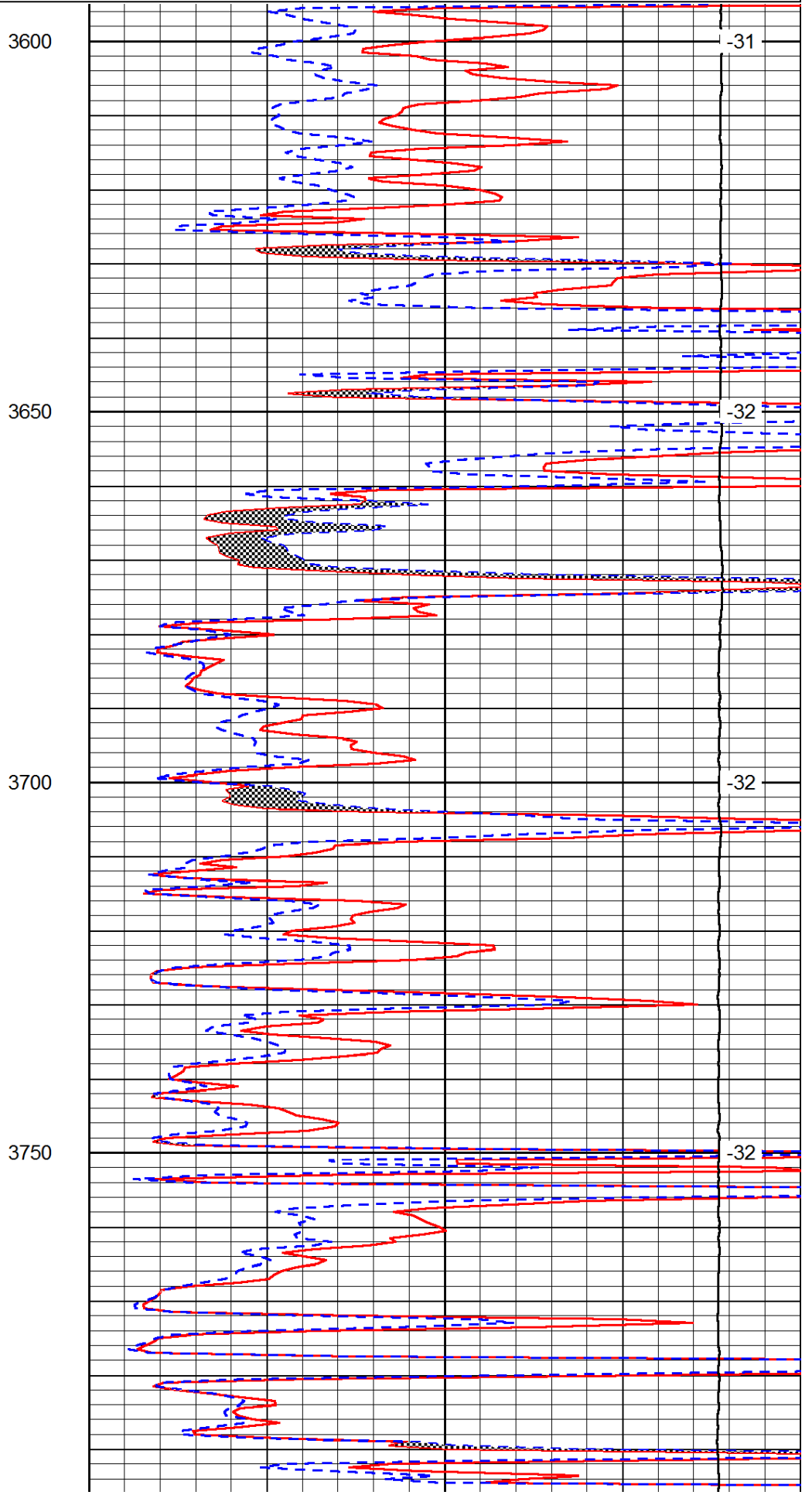
Database File: c:\warrior\data\berexco_michael #10-22\berhd.db
Dataset Pathname: rag/berrag
Presentation Format: micro
Dataset Creation: Sat Jan 24 23:45:19 2015
Charted by: Depth in Feet scaled 1:240

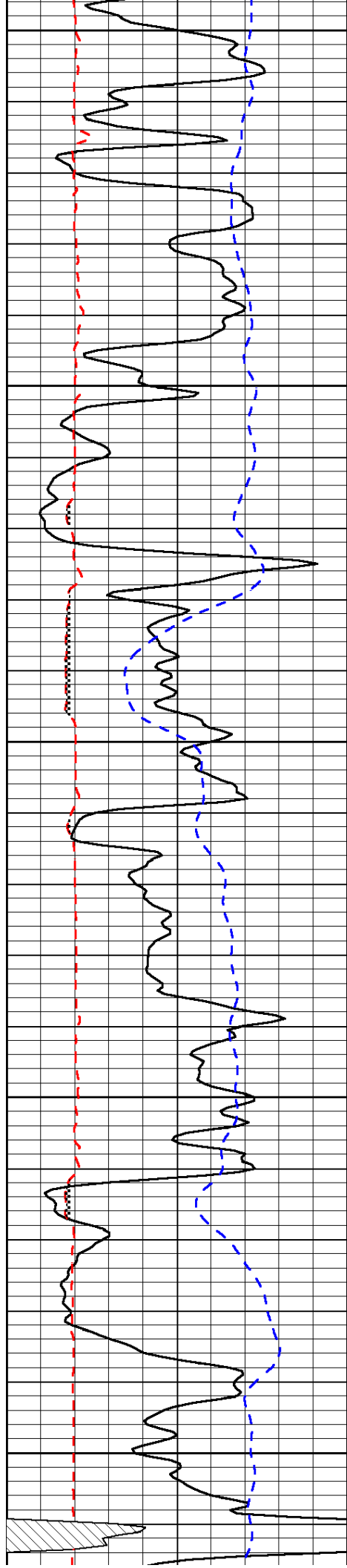
0	Gamma Ray	150
6	MCAL (GAPI)	16
-200	SP (mV)	0



0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
15000	Line Weight	0

LSPD





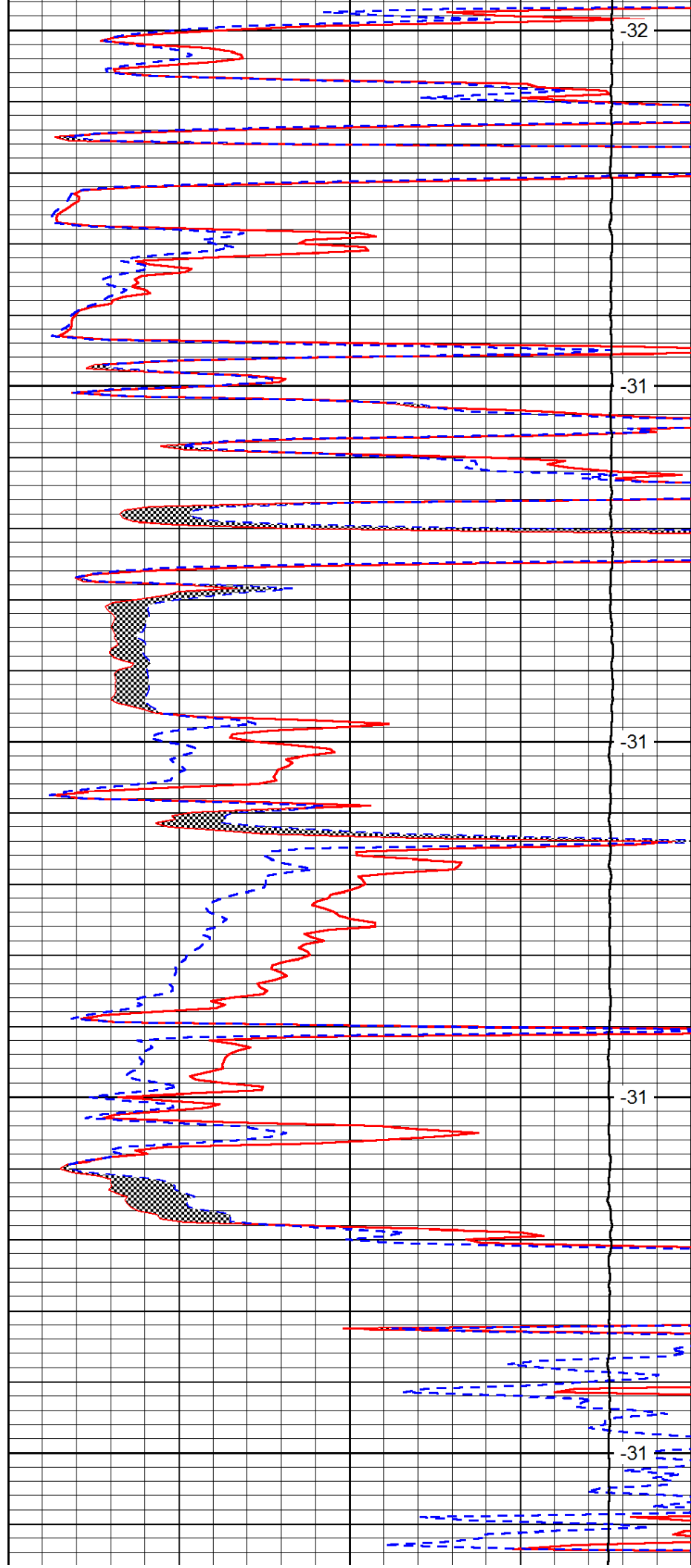
3800

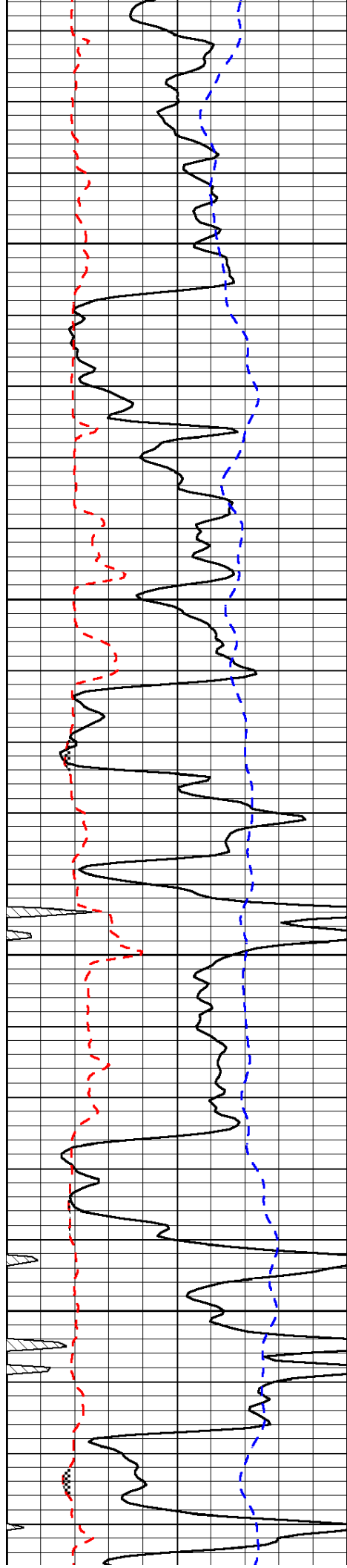
3850

3900

3950

4000



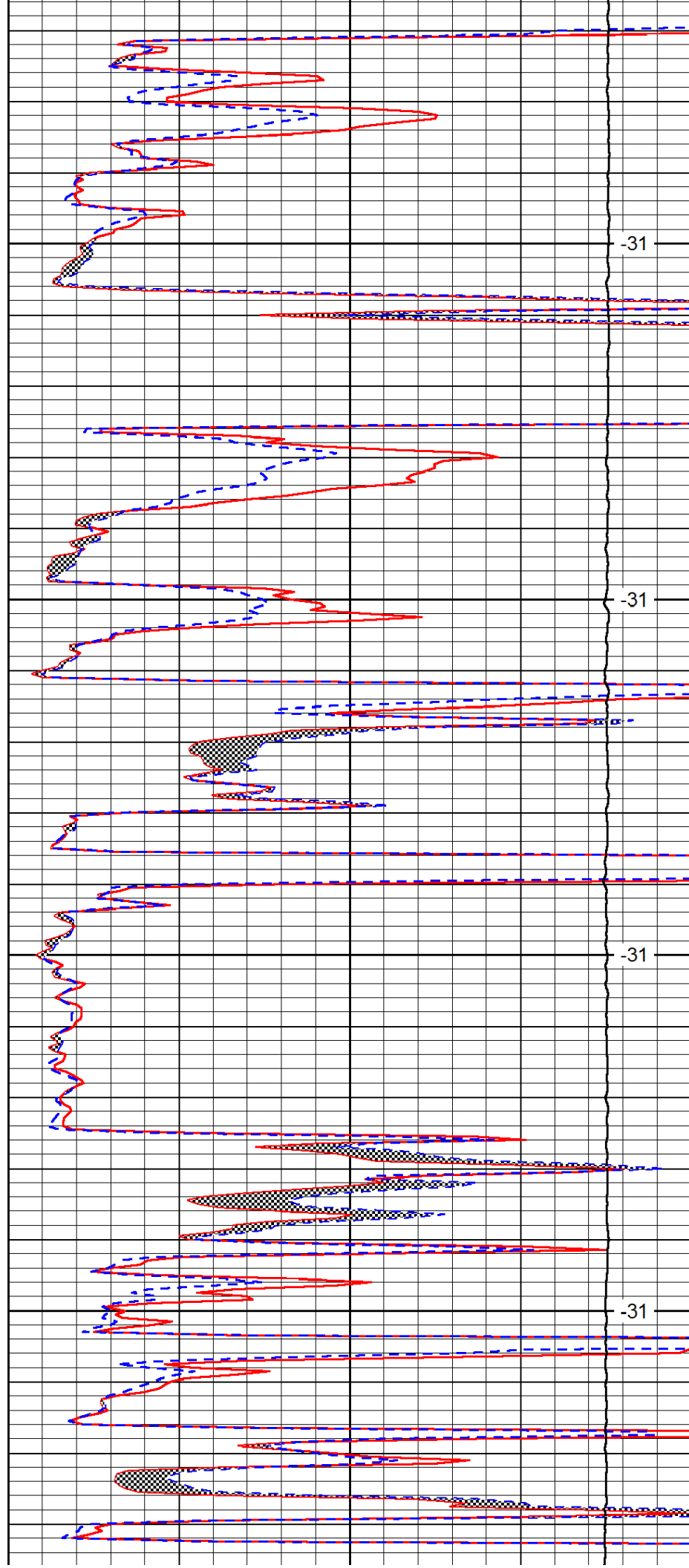


4050

4100

4150

4200

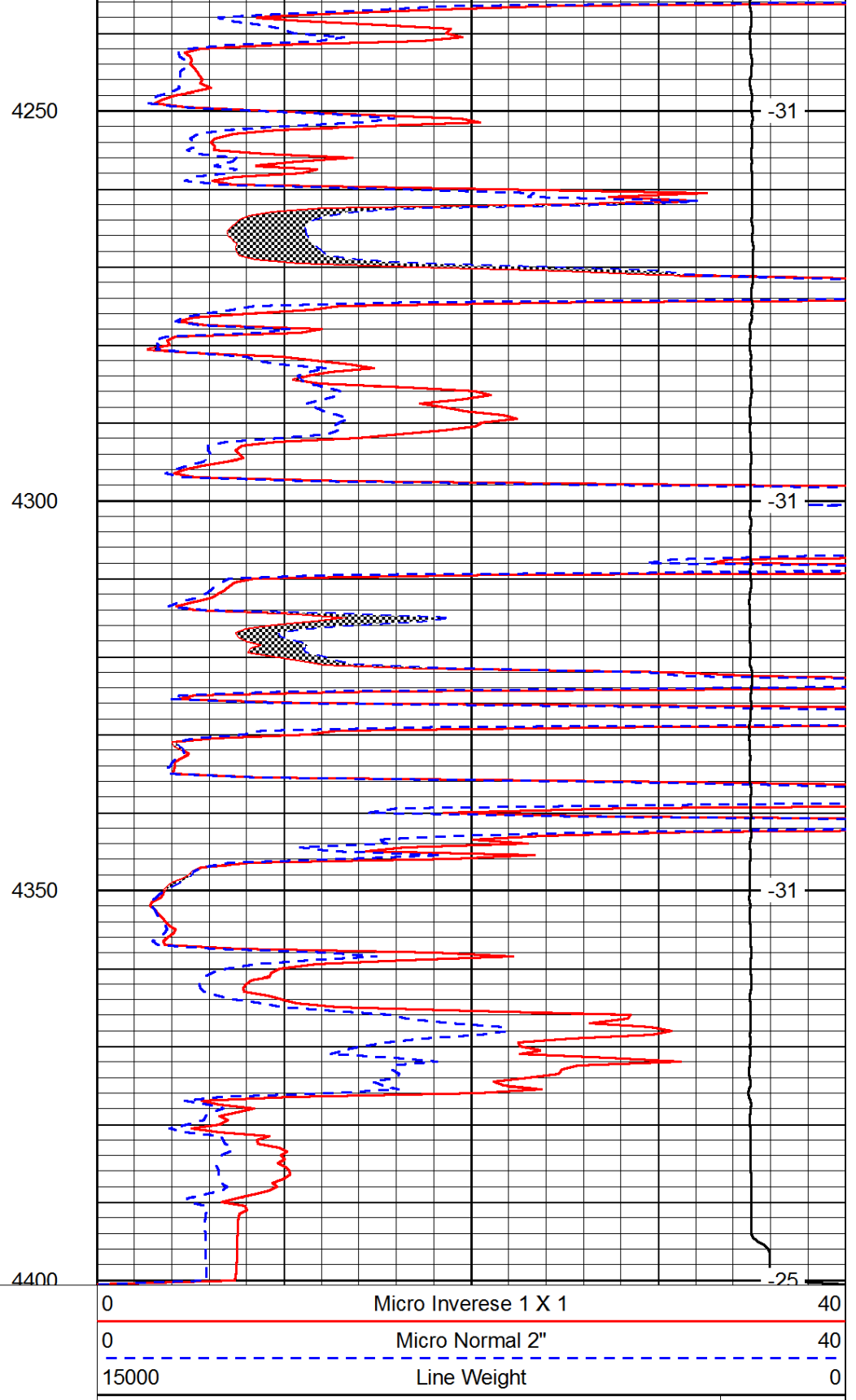
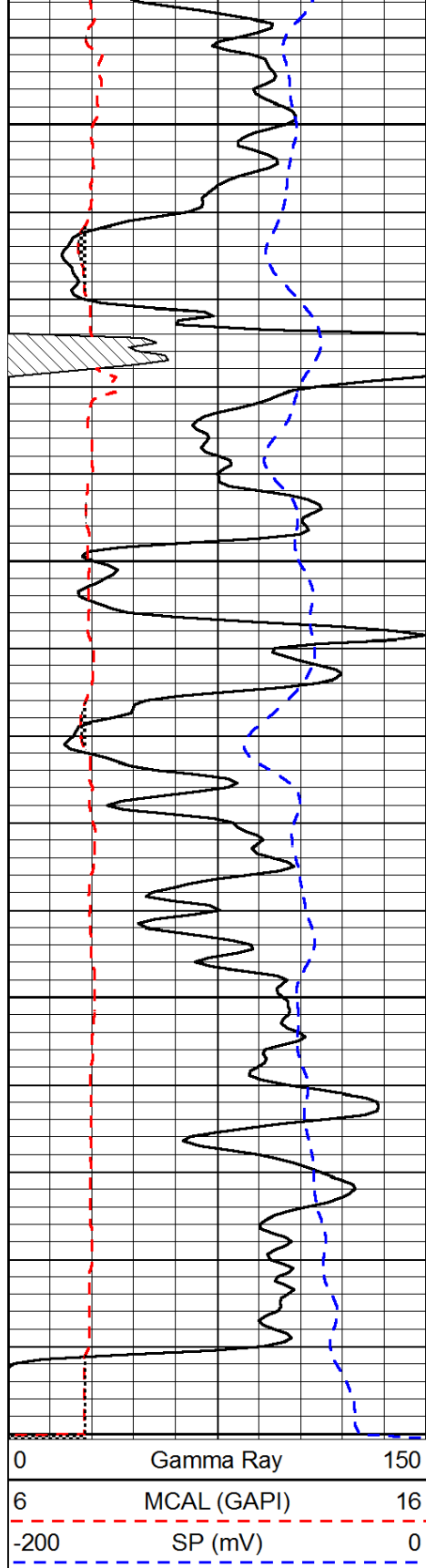


-31

-31

-31

-31



LSPD