



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.

15-163-23,816-00-00

Company Mikol Oil LLC

Well Richmond No. 1 - 27

Field Colby-East

County Rooks State Kansas

Location

W/2 - SW - SE
510' FSL & 2296' FEL

Other Services
CNL/CDL
DIL/BHCS

Sec: 27 Twp: 10 S Rge: 17 W

Permanent Datum Ground Level Elevation 1985

Log Measured From Kelly Bushing 6 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Elevation
K.B. 1991
D.F. 1985
G.L. 1985

Date 8/7/2009

Run Number Two

Depth Driller 3630

Depth Logger 3630

Bottom Logged Interval 3629

Top Log Interval 2800

Casing Driller 8.625 @ 218

Casing Logger 212

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 3.800

Density / Viscosity 9.3 47

pH / Fluid Loss 10.0 8.8

Source of Sample Flowline

Rm @ Meas. Temp 1.10 @ 80

Rmf @ Meas. Temp 0.83 @ 80

Rmc @ Meas. Temp 1.49 @ 80

Source of Rmf / Rmc Charts

Rm @ BHT 0.78 @ 112

Operating Rig Time 5 Hours

Max Rec. Temp. F 112

Equipment Number 15

Location Hays

Recorded By B. Becker

Witnessed By Ed Glassman

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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.

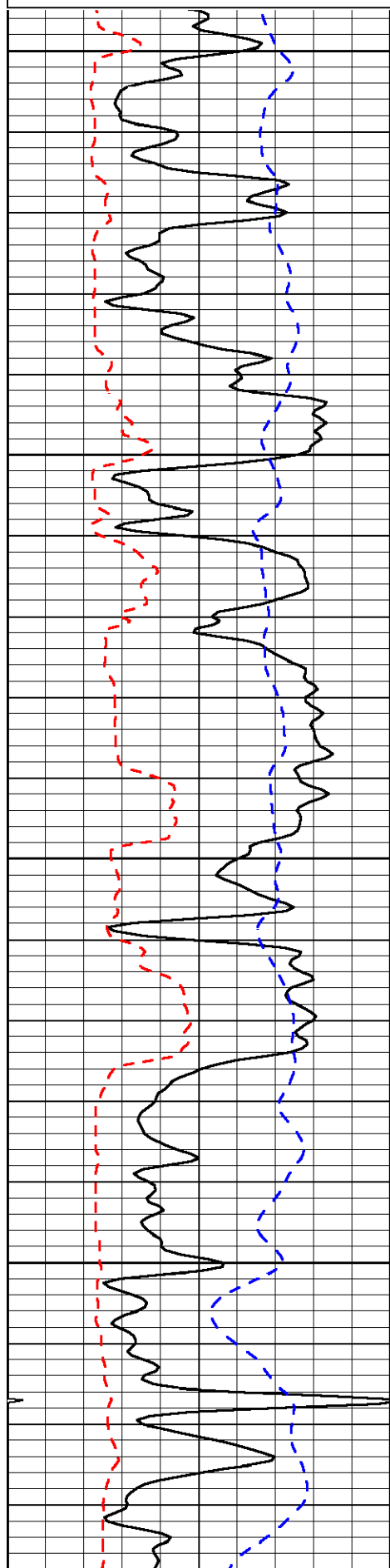
Comments

Thank you for using Log-Tech, Inc.
(785) 625-3858

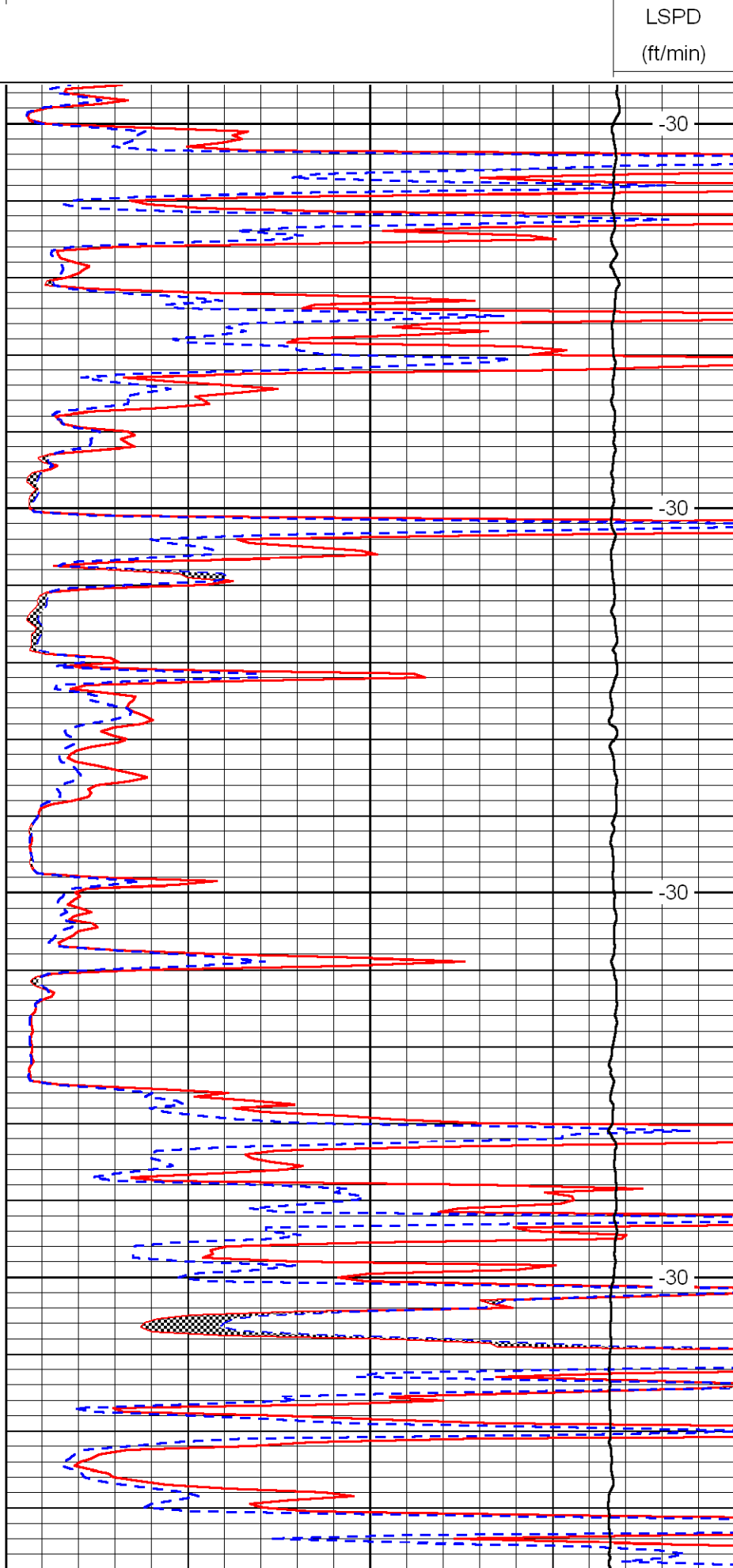
Hays, Ks; North to Saline River Rd; 5 East to 310th;
3 North and Northwest; Northeast Into

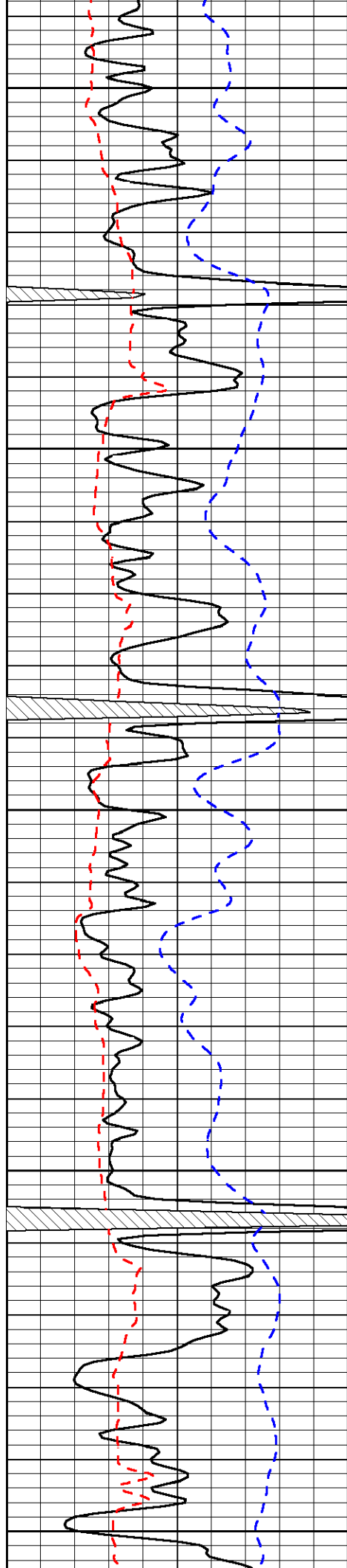
Database File: c:\warrior\data\mikol_richmond no. 1 - 27\mikolhd.db
Dataset Pathname: DIL\mikolstk
Presentation Format: micro
Dataset Creation: Fri Aug 07 13:48:56 2009
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Micro Log Caliper (in)	16
-200	SP (MV)	0



0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0





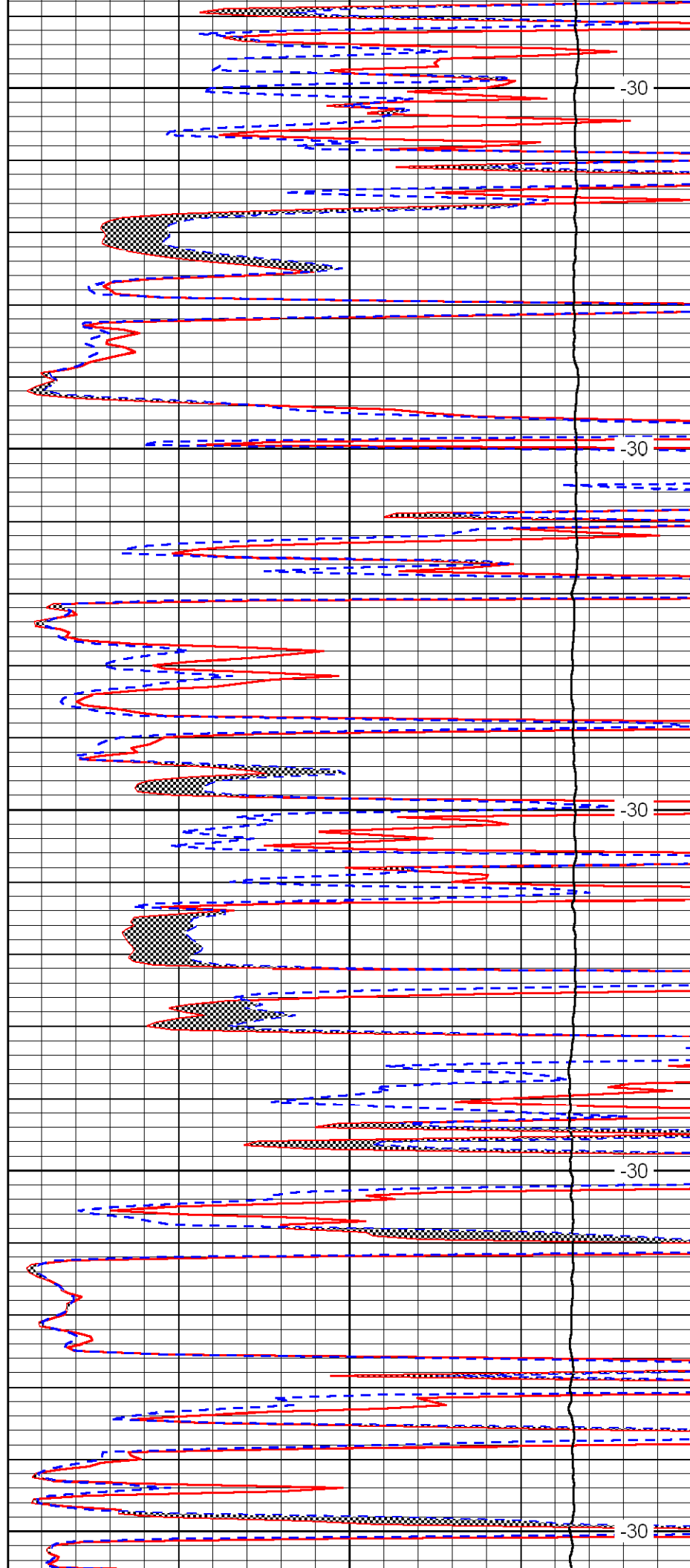
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3050

3100

3150

3200



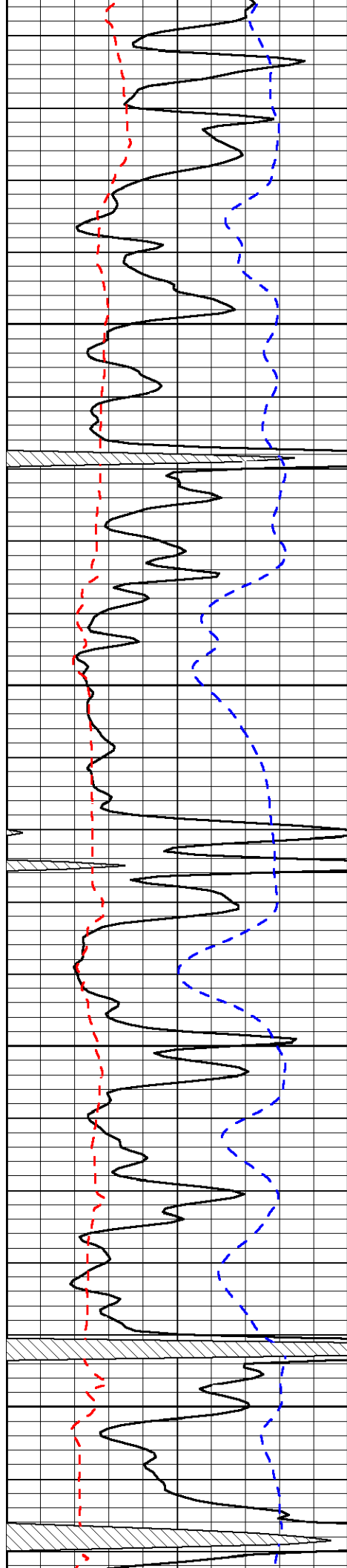
-30

-30

-30

-30

-30

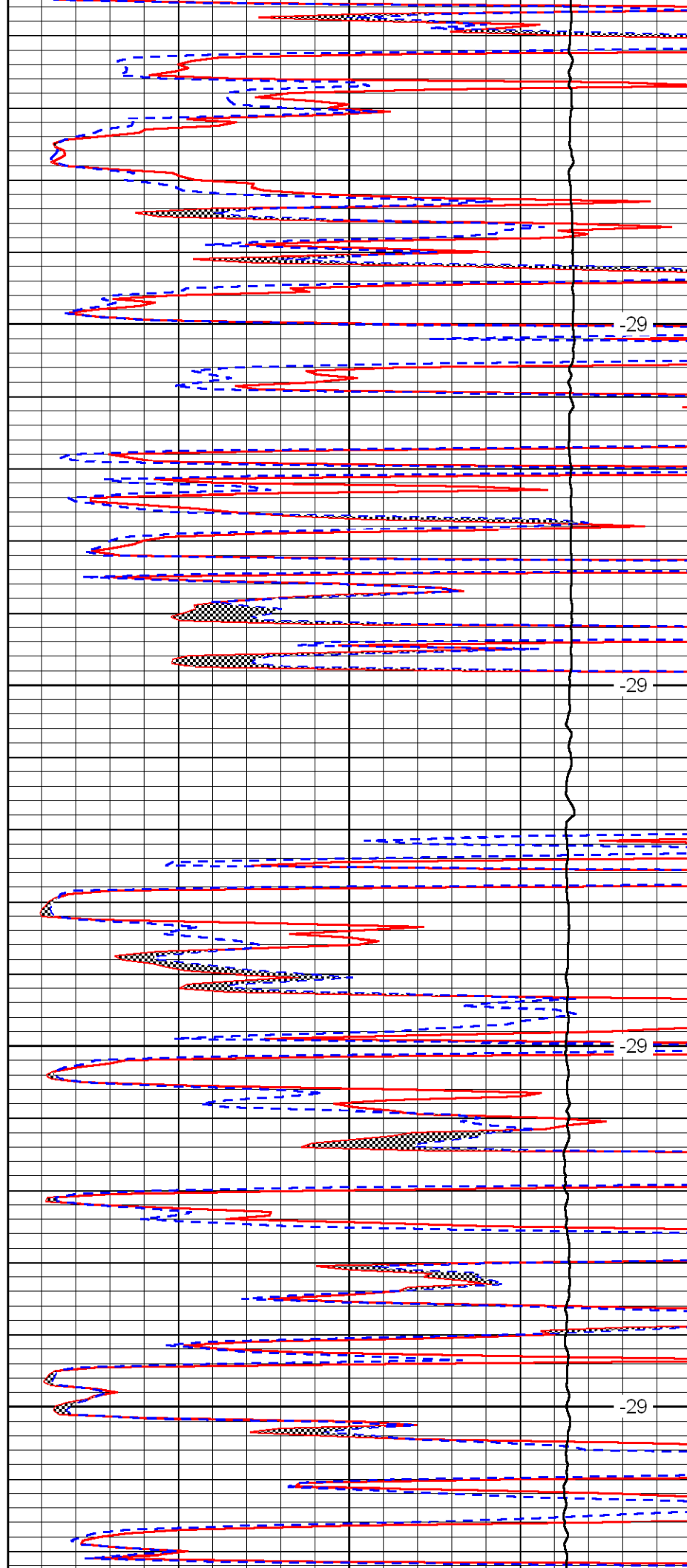


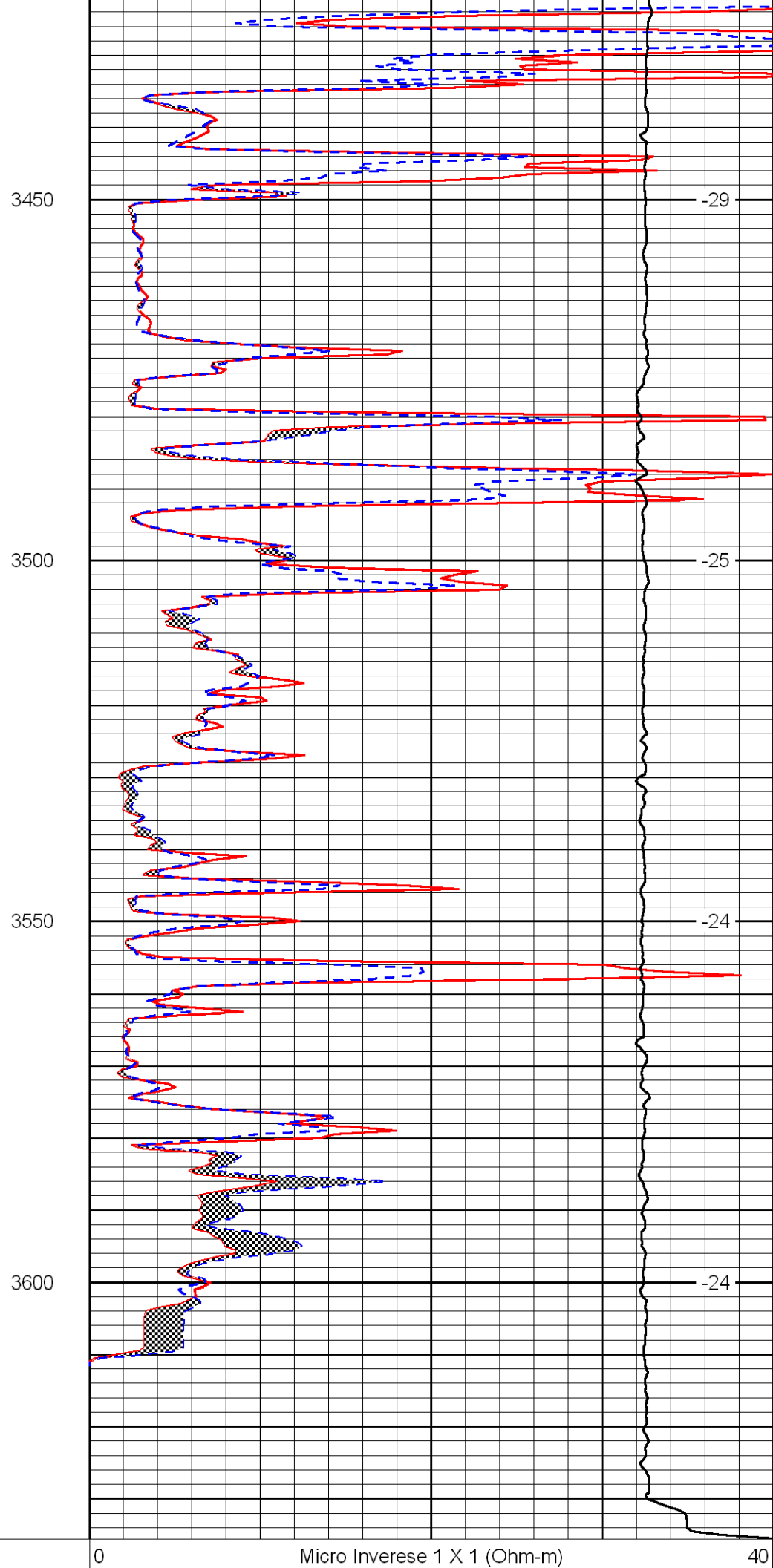
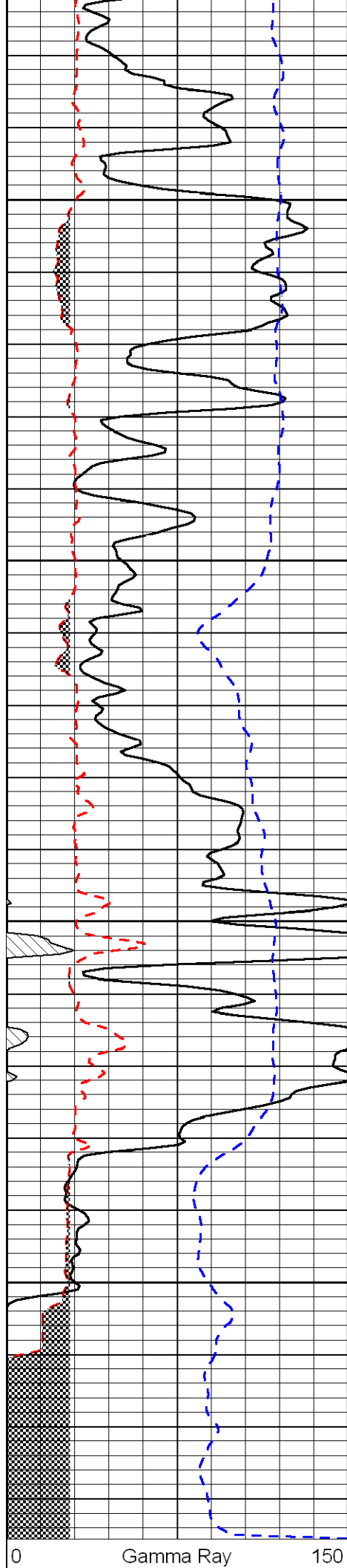
3250

3300

3350

3400





6	Micro Log Caliper (in)	16
-200	SP (MV)	0

0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0
		LSPD (ft/min)