

LOG-TECH



Microresistivity Log

DIGITAL LOG

(785) 625-3858

API No. API 15-109-20,826-00-00

Company Shakespeare Oil Company, Inc.

Well Ottley No. 1-15

Field Wildcat

County Logan

State

Kansas

Location

SE NW NE NE
338' FNL & 860' FEL

Sec: 15

Twp: 14S

Rge: 32W

Elevation

Permanent Datum Ground Level Elevation 2752
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 2757
D.F.
G.L. 2752

Date 3/17/09

Run Number Two

Depth Driller 4500

Depth Logger 4497

Bottom Logged Interval 4496

Top Log Interval 3500

Casing Driller 8.625 @ 219

Casing Logger 216

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 5600

Density / Viscosity 9.4 51

pH / Fluid Loss 10.0 12.0

Source of Sample Flowline

Rm @ Meas. Temp 1.1 @ 73

Rmf @ Meas. Temp .83 @ 73

Rmc @ Meas. Temp 1.49 @ 73

Source of Rmf / Rmc Charts

Rm @ BHT .65 @ 123

Operating Rig Time 4 Hours

Max Rec. Temp. F 123

Equipment Number 17

Location Hays

Recorded By J. Long

M. Garrison

Witnessed By Steve Davis

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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.

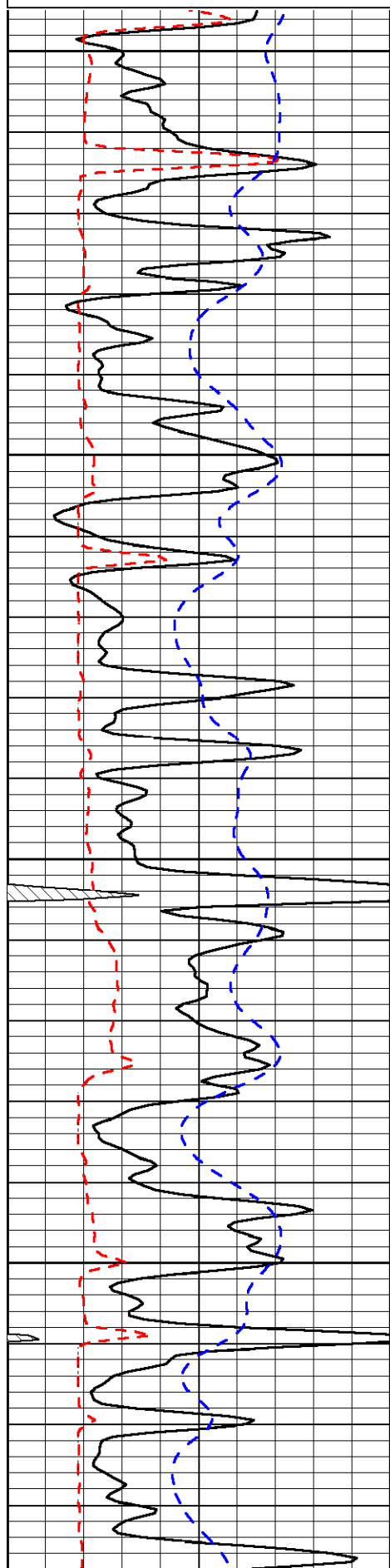
Comments

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

Oakley, S to Monument Rock Rd, W to Schoolhouse, N Into

Database File: c:\warrior\data\shakespeare_ottley no. 1-15\shakespearehd.db
Dataset Pathname: dil/stack
Presentation Format: micro
Dataset Creation: Tue Mar 17 13:19:48 2009
Charted by: Depth in Feet scaled 1:240

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



3500

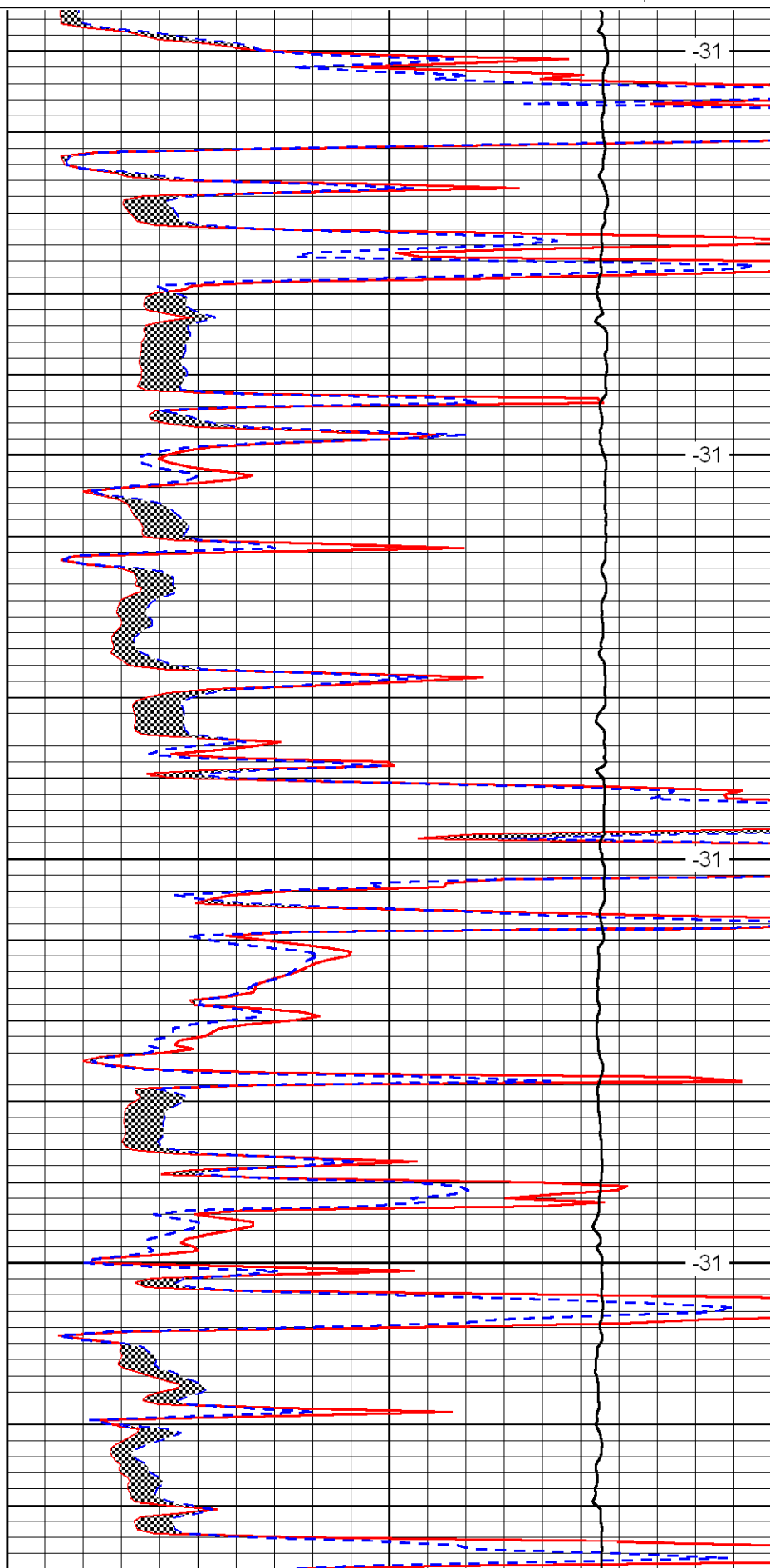
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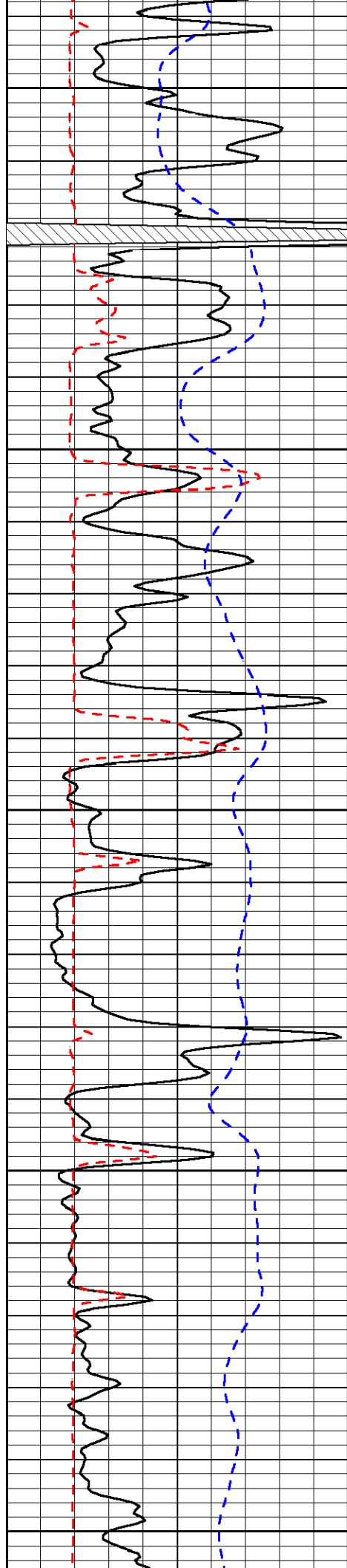
3600

3650

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

LSPD
(ft/min)





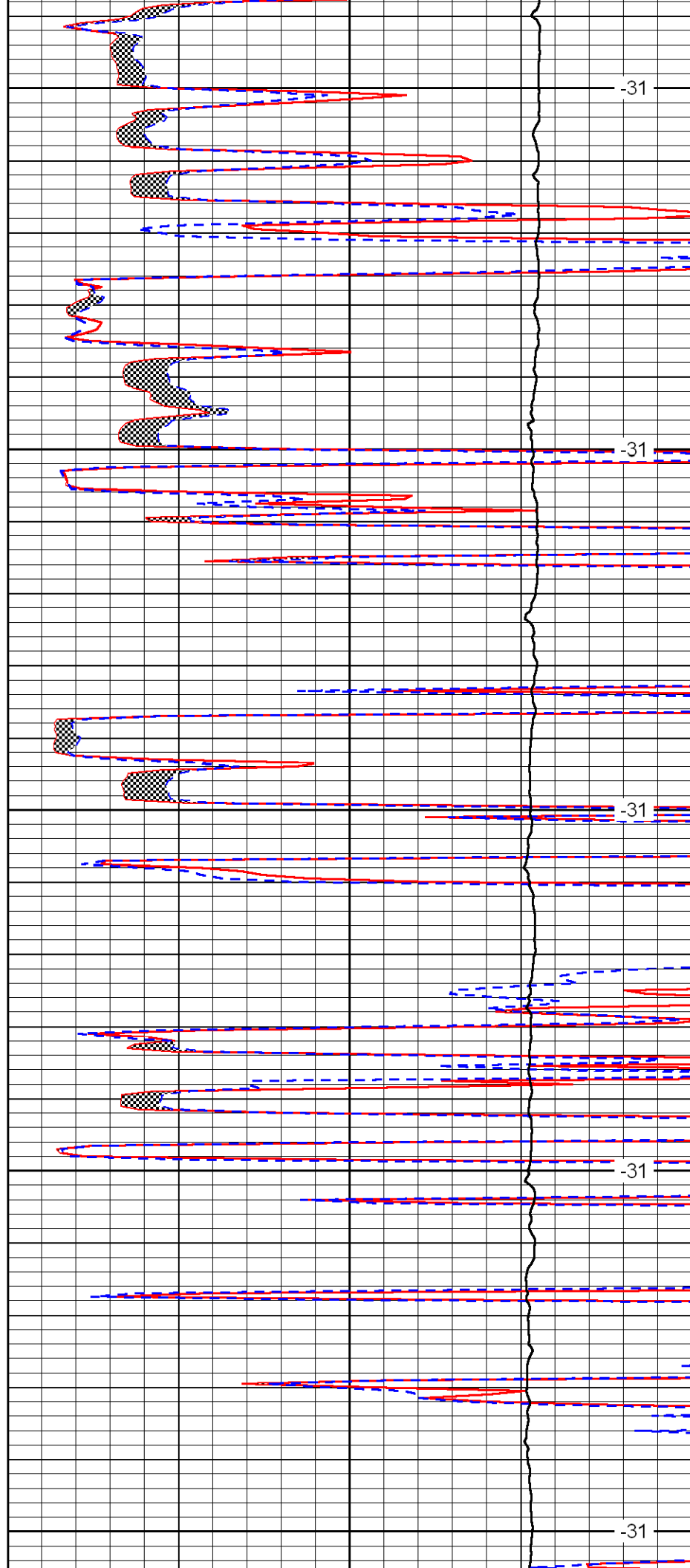
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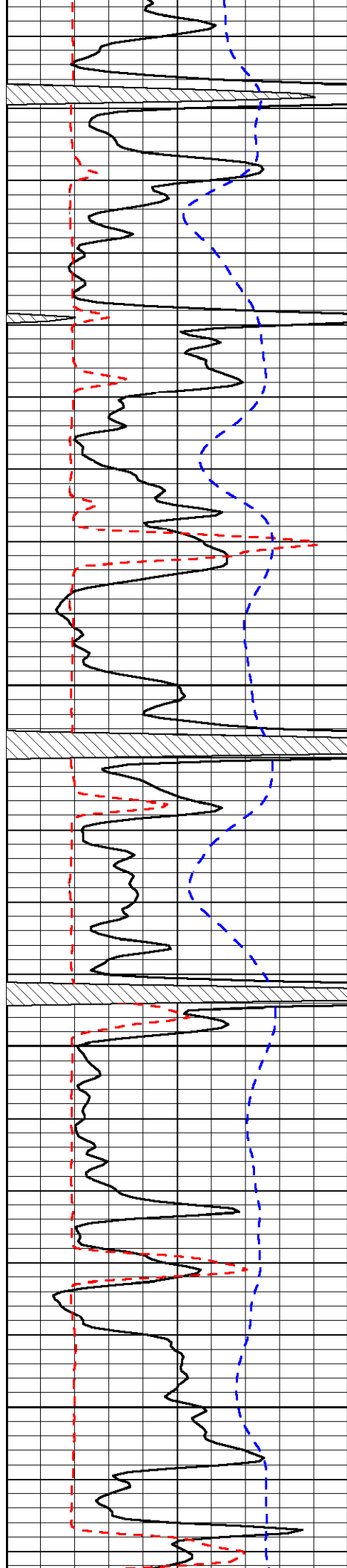
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3900



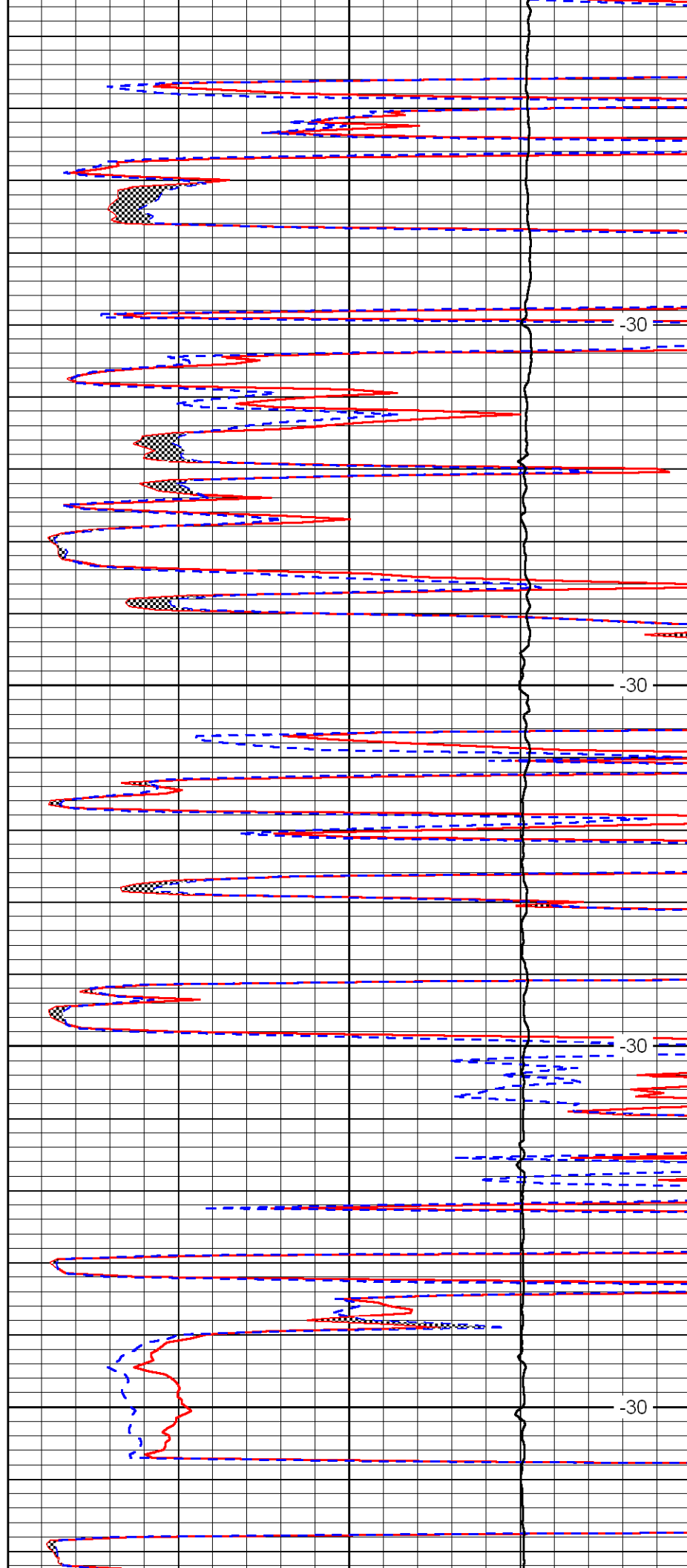


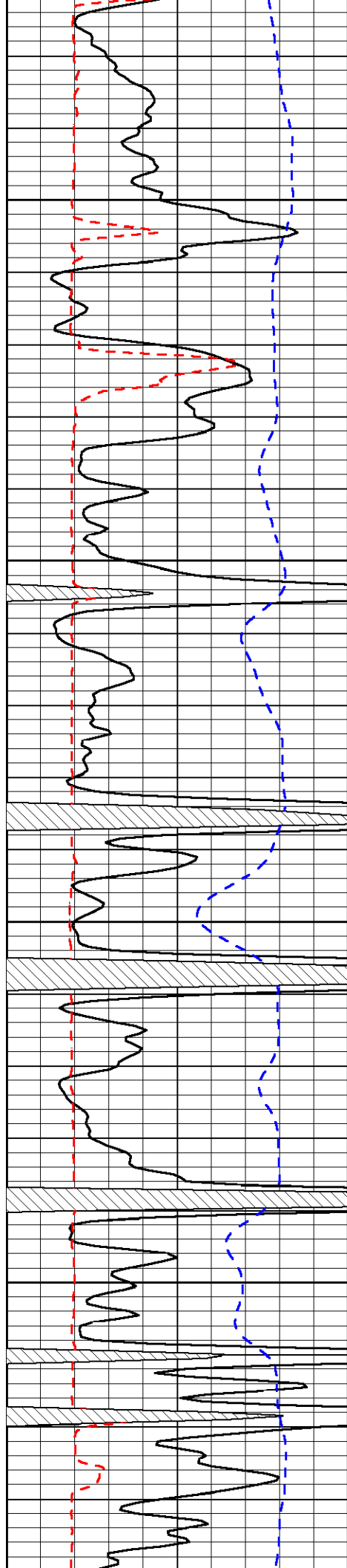
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4000

4050

4100



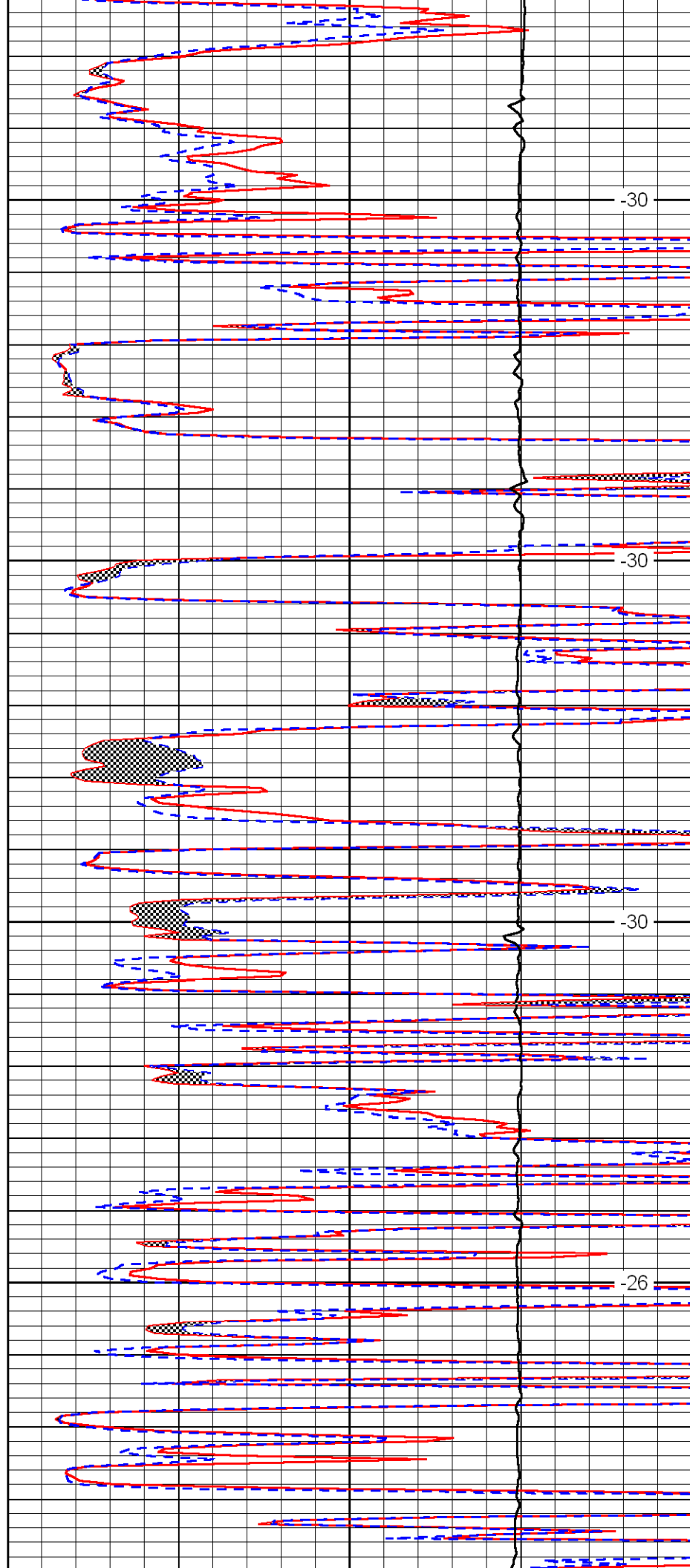


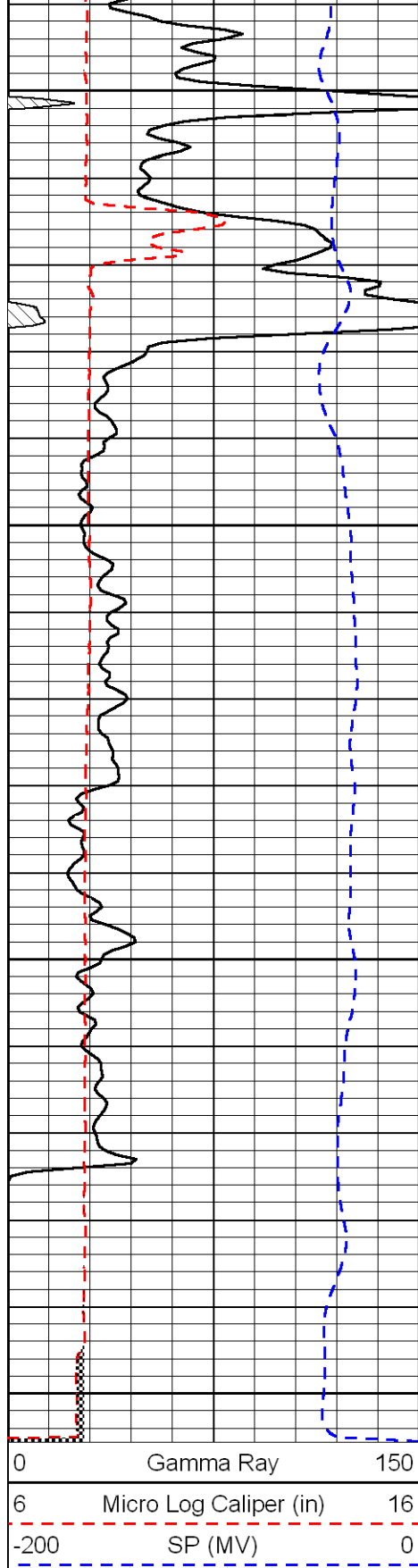
4150

4200

4250

4300





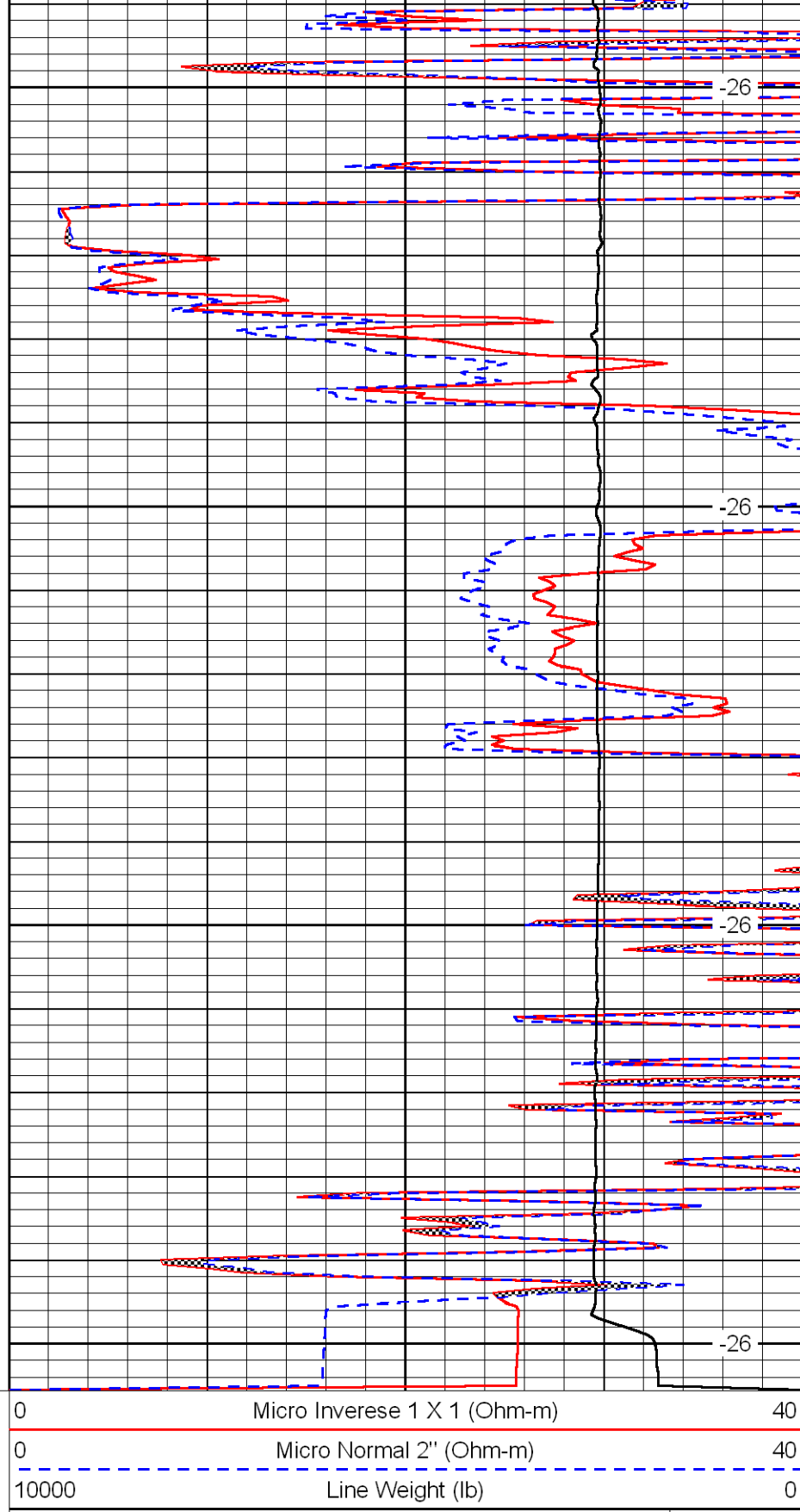
4350

4400

4450

4500

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



-26

-26

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

LSPD
(ft/min)