



Pioneer Energy Services

Microresistivity Log

15-153-21,079-00-00

API No.

Company **Berexco, LLC**
 Well **Moser 'B' #5-4**
 Field **Wildcat**
 County **Rawlins** State **Kansas**

Location **500' FSL & 330' FWL**

Sec: **4** Twp: **1S** Rge: **36W**

Other Services
RAG

Permanent Datum **Ground Level** Elevation **3055**
 Log Measured From **Kelly Bushing** **11** Ft. Above Perm. Datum
 Drilling Measured From **Kelly Bushing**

Elevation
 K.B. 3066
 D.F. 3055
 G.L. 3055

Date	12/14/2014
Run Number	Two
Depth Driller	4500
Depth Logger	4500
Bottom Logged Interval	4499
Top Log Interval	3500
Casing Driller	8.625 @ 312
Casing Logger	300
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	1,000
Density / Viscosity	9.3 79
pH / Fluid Loss	10.5 6.4
Source of Sample	Flowline
Rm @ Meas. Temp	1.2 @ 60
Rmf @ Meas. Temp	.9 @ 60
Rmc @ Meas. Temp	1.62 @ 60
Source of Rmf / Rmc	Charts
Rm @ BHT	.6 @ 121
Operating Rig Time	4 Hours
Max Rec. Temp. F	121
Equipment Number	10
Location	Hays
Recorded By	C. Desaire
Witnessed By	Bryan Bynog

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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 Pioneer Energy Services
www.pioneeres.com
 785 625 3858

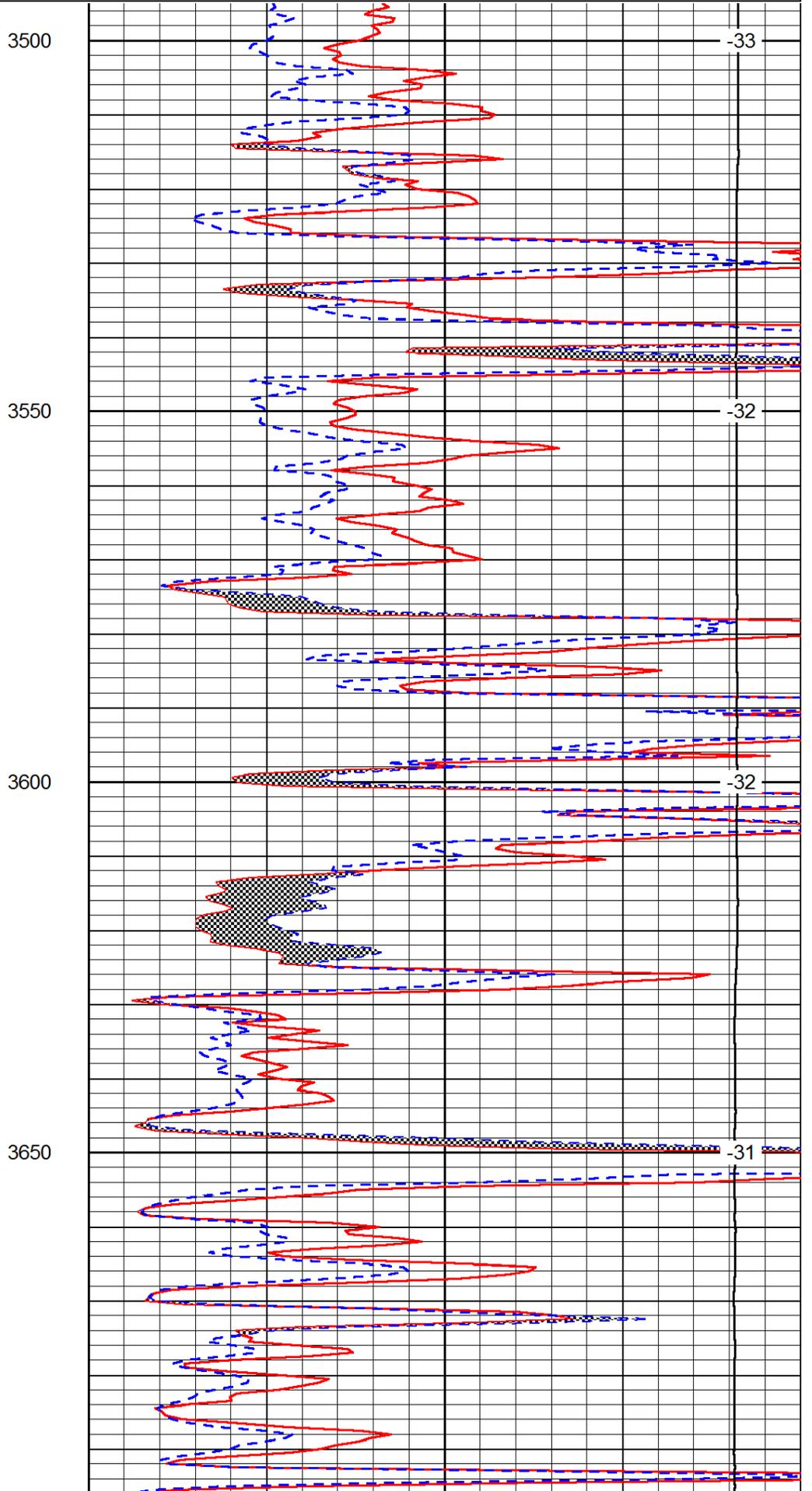
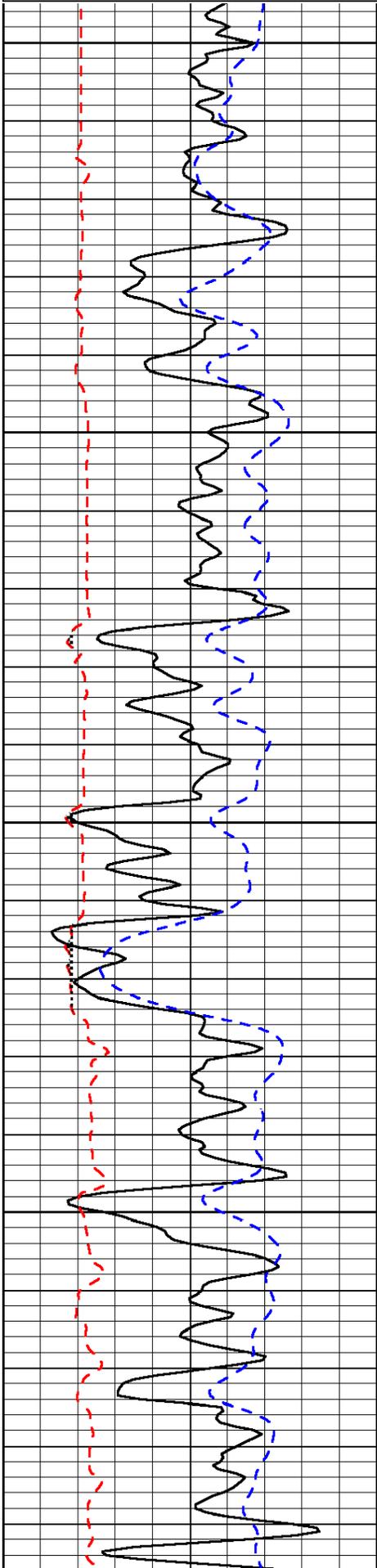
McDonald KS, 14 N from Hwy,
 Left at Y for 1 mile, W Into

Database File: c:\warrior\data\berexco_\berhd.db
 Dataset Pathname: rag/berrag
 Presentation Format: micro
 Dataset Creation: Sun Dec 14 04:54:11 2014
 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

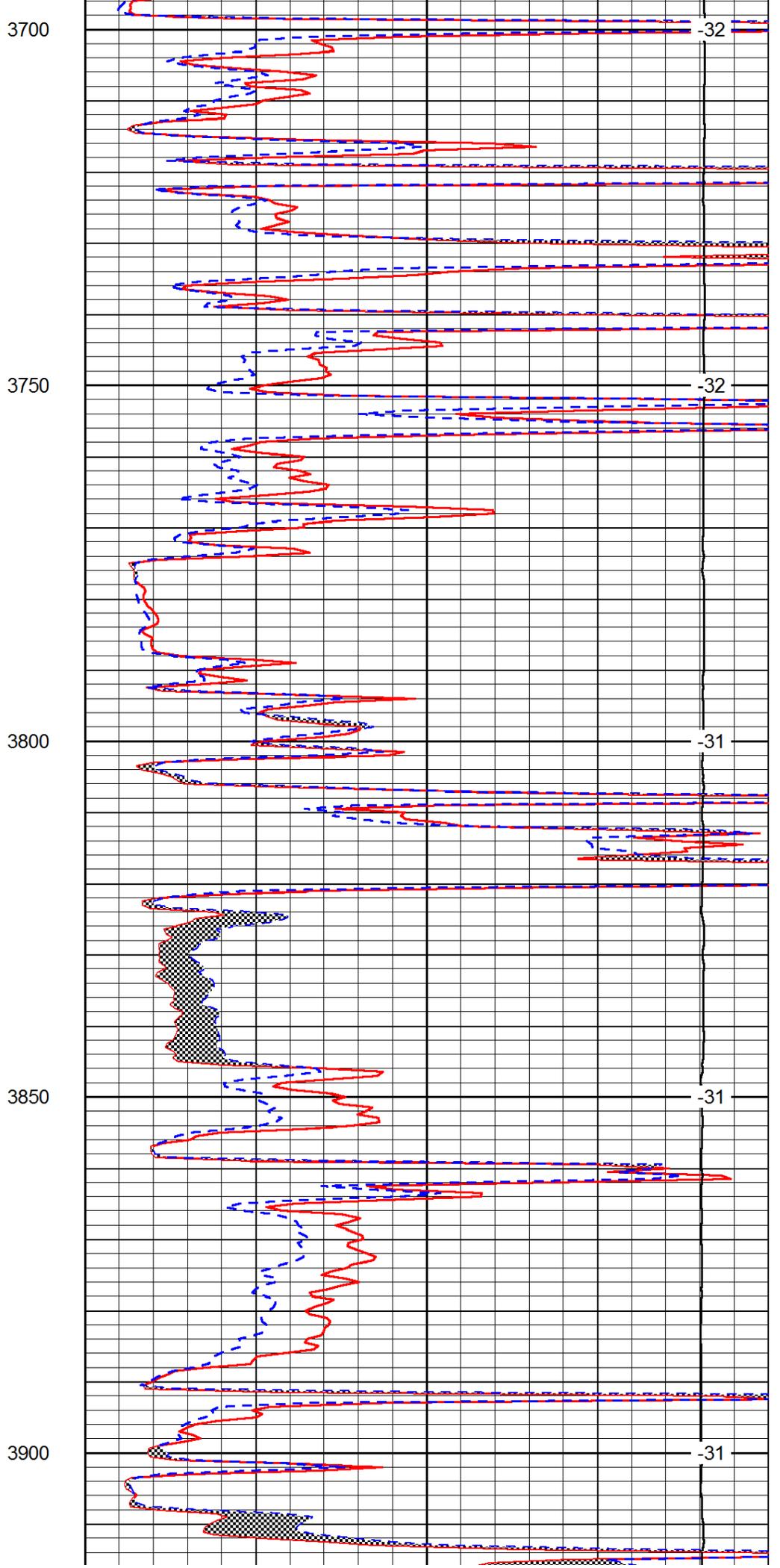
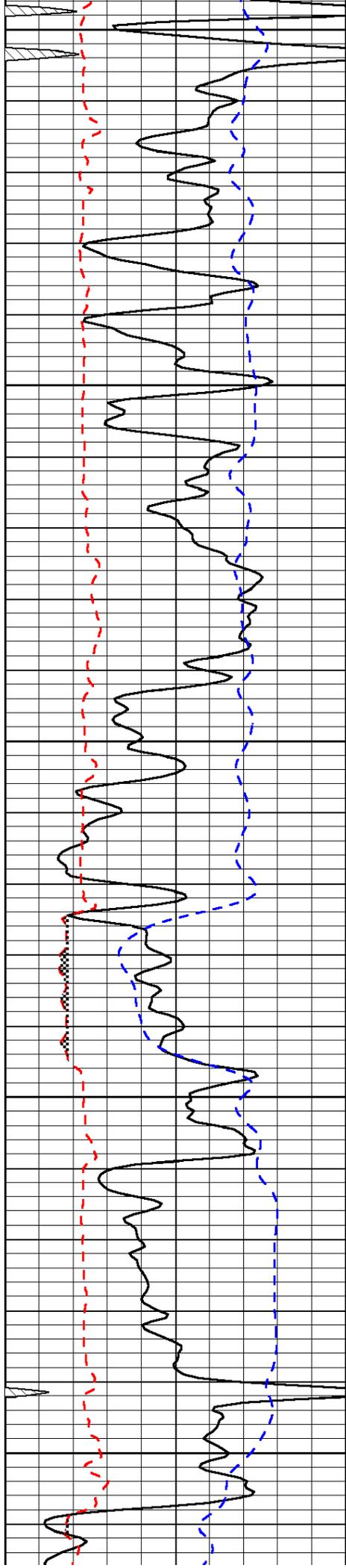


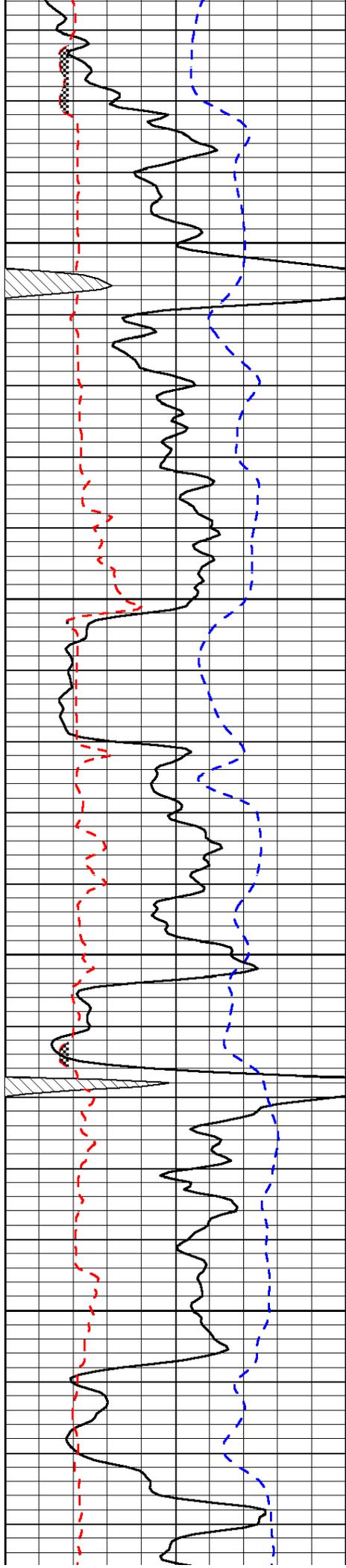
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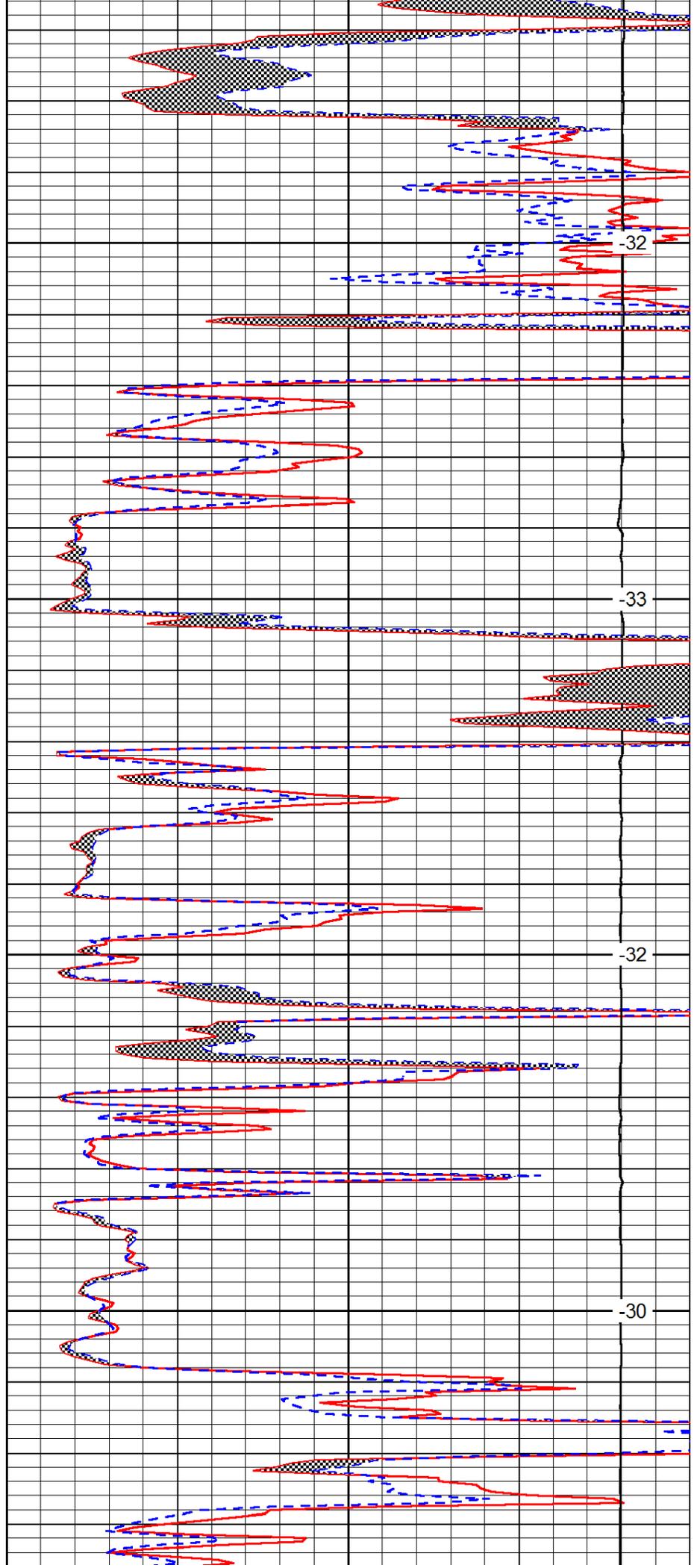


3950

4000

4050

4100

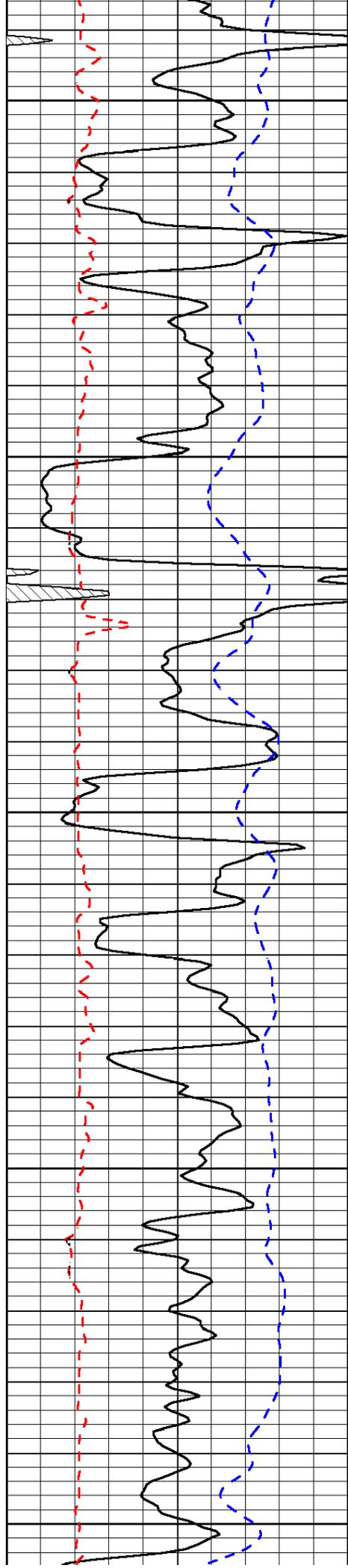


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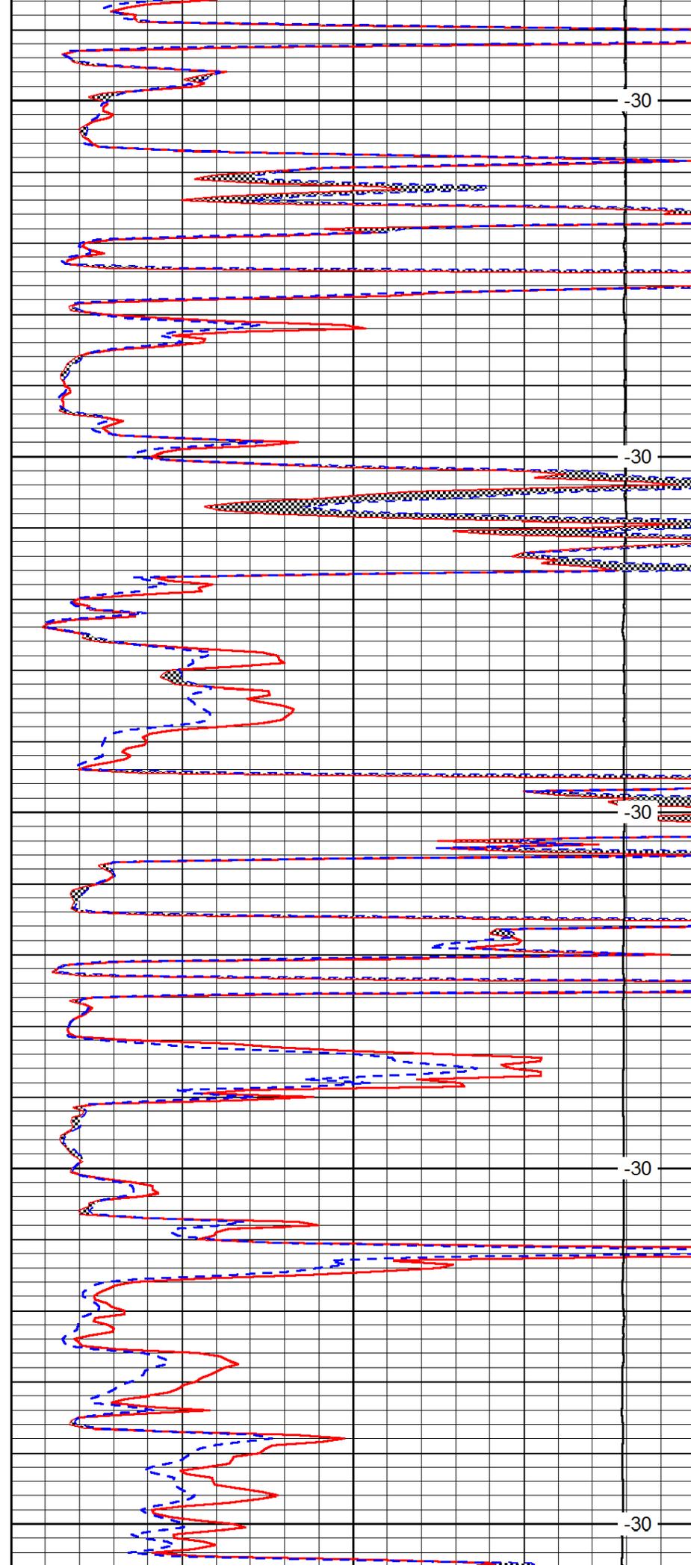
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4200

4250

4300

4350



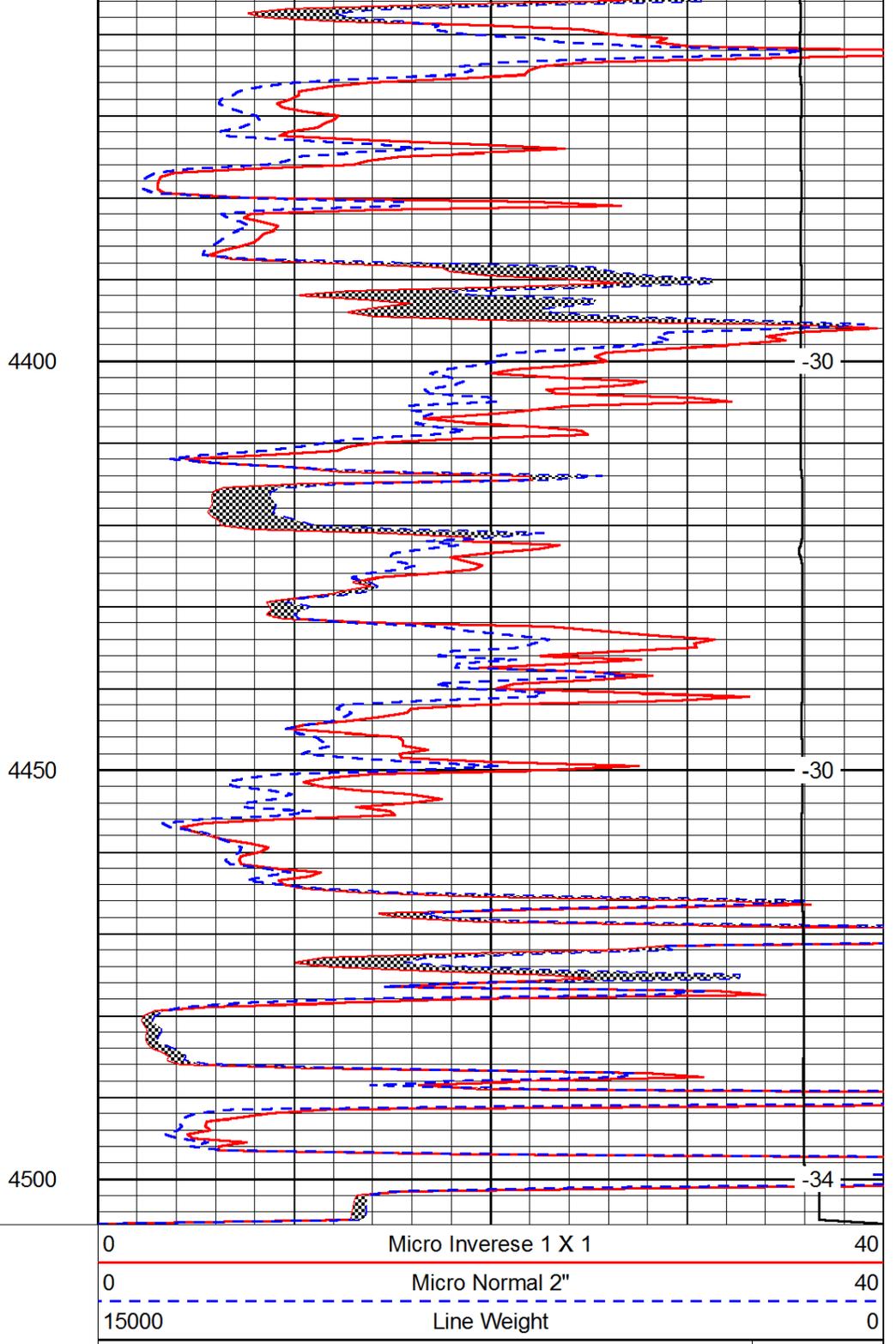
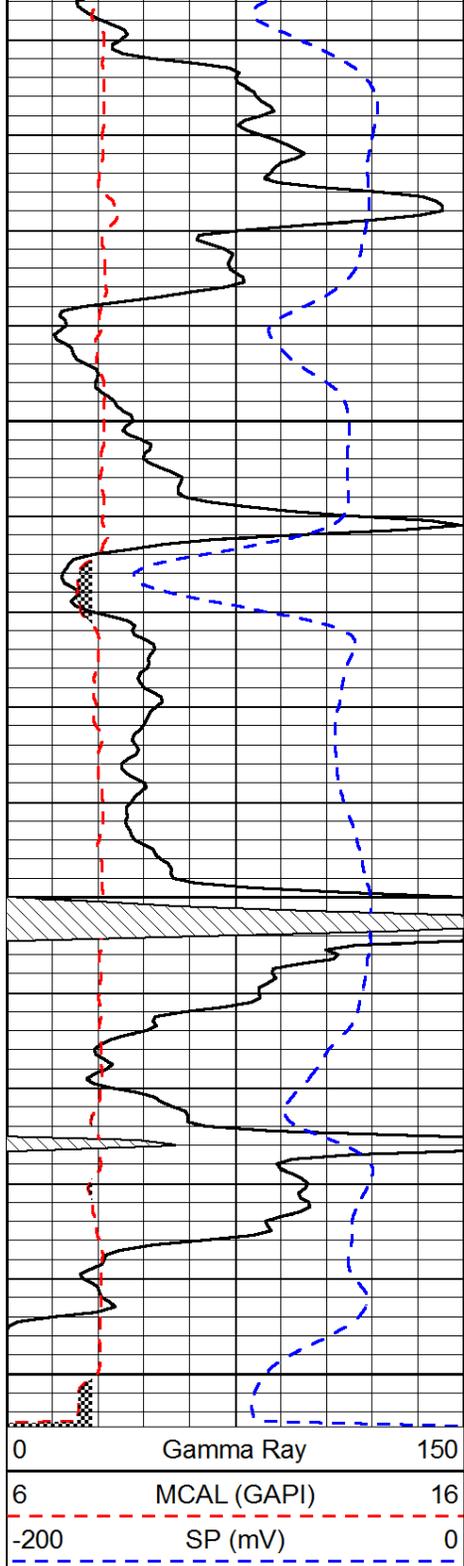
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LSPD