PIONEER

Pioneer Energy Services

Microresistivity Log

API No.	
15-055-22,293-00-00	

Company	American Warrior, Inc.		
Well	Clark #3-2		
Field	Unknown		
County	Finney	State	Kansas

Location: 2165' FSL & 1738' FEL

Sec: 2 Twp: 25S Rge: 31W

Other Services: CNL/CDL, DIL

Permanent Datum	Ground Level	Elevation 2828	
Log Measured From	Kelly Bushing	11 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		

Elevation	
K.B.	2839
D.F.	
G.L.	2828

Date	4/19/2014		
Run Number	Two		
Depth Driller	5000		
Depth Logger	4999		
Bottom Logged Interval	4998		
Top Log Interval	3900		
Casing Driller	8.625 @ 1689		
Casing Logger	1689		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity,ppm CL	3700		
Density / Viscosity	9.55 / 48		
pH / Fluid Loss	9.5 / 8.4		
Source of Sample	Flowline		
Rm @ Meas. Temp	0.92 @ 67		
Rmf @ Meas. Temp	0.69 @ 67		
Rmc @ Meas. Temp	1.24 @ 67		
Source of Rmf / Rmc	Charts		
Rm @ BHT	0.49 @ 126		
Operating Rig Time	4 1/2 Hours		
Max Rec. Temp. F	126		
Equipment Number	15		
Location	Hays		
Recorded By	D.Kerr		
Witnessed By	Kevin Timson		

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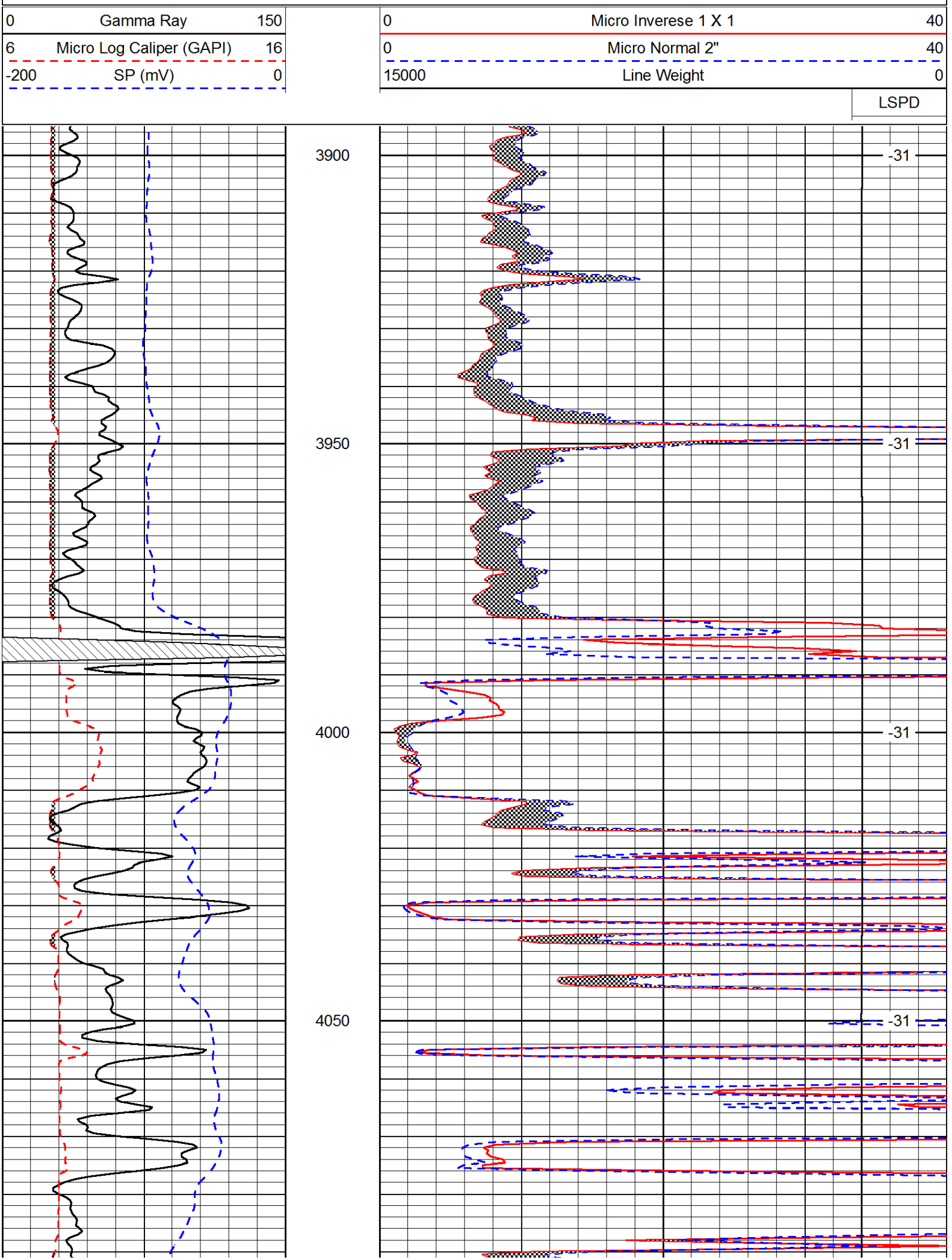
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

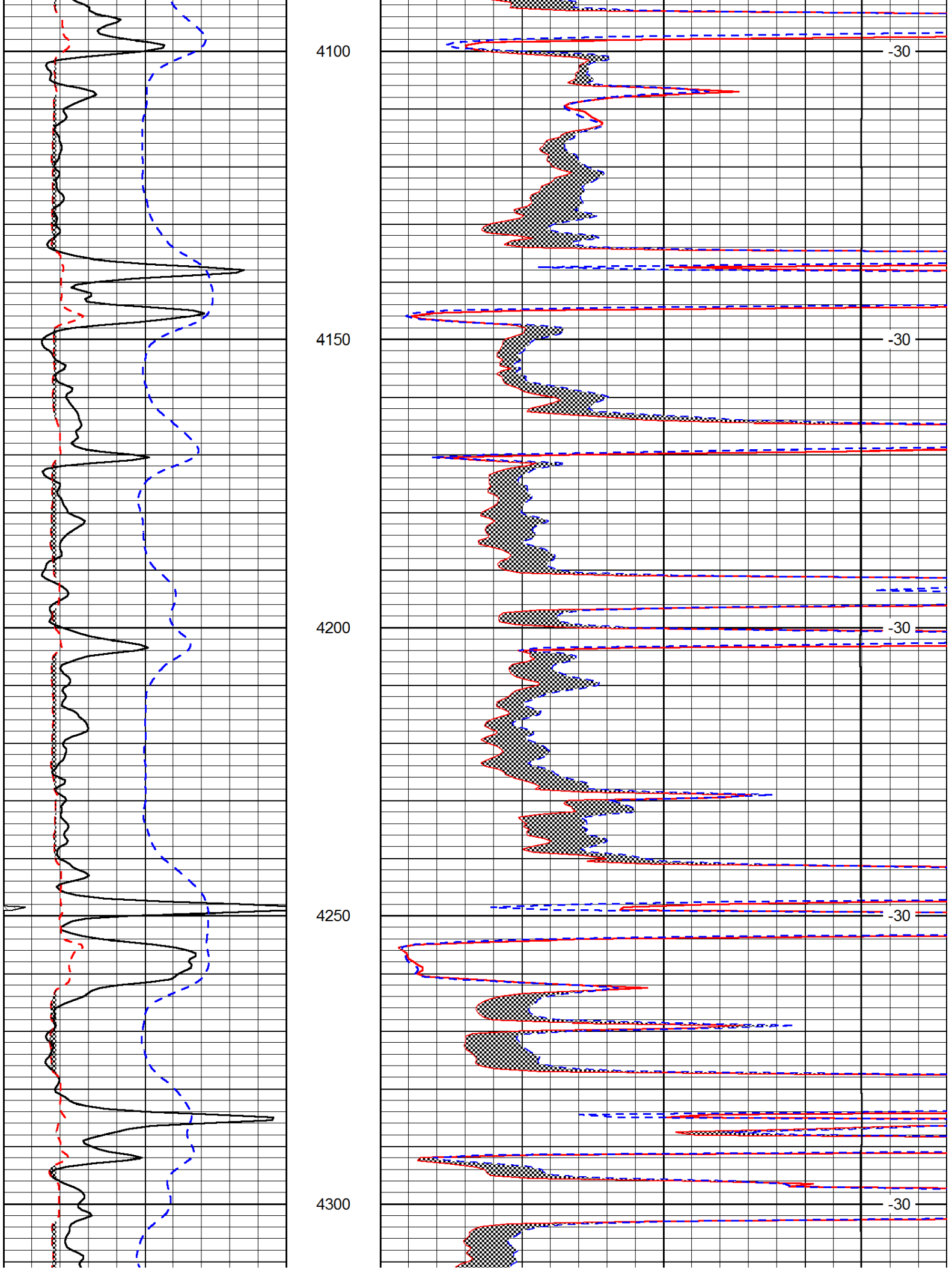
Comments

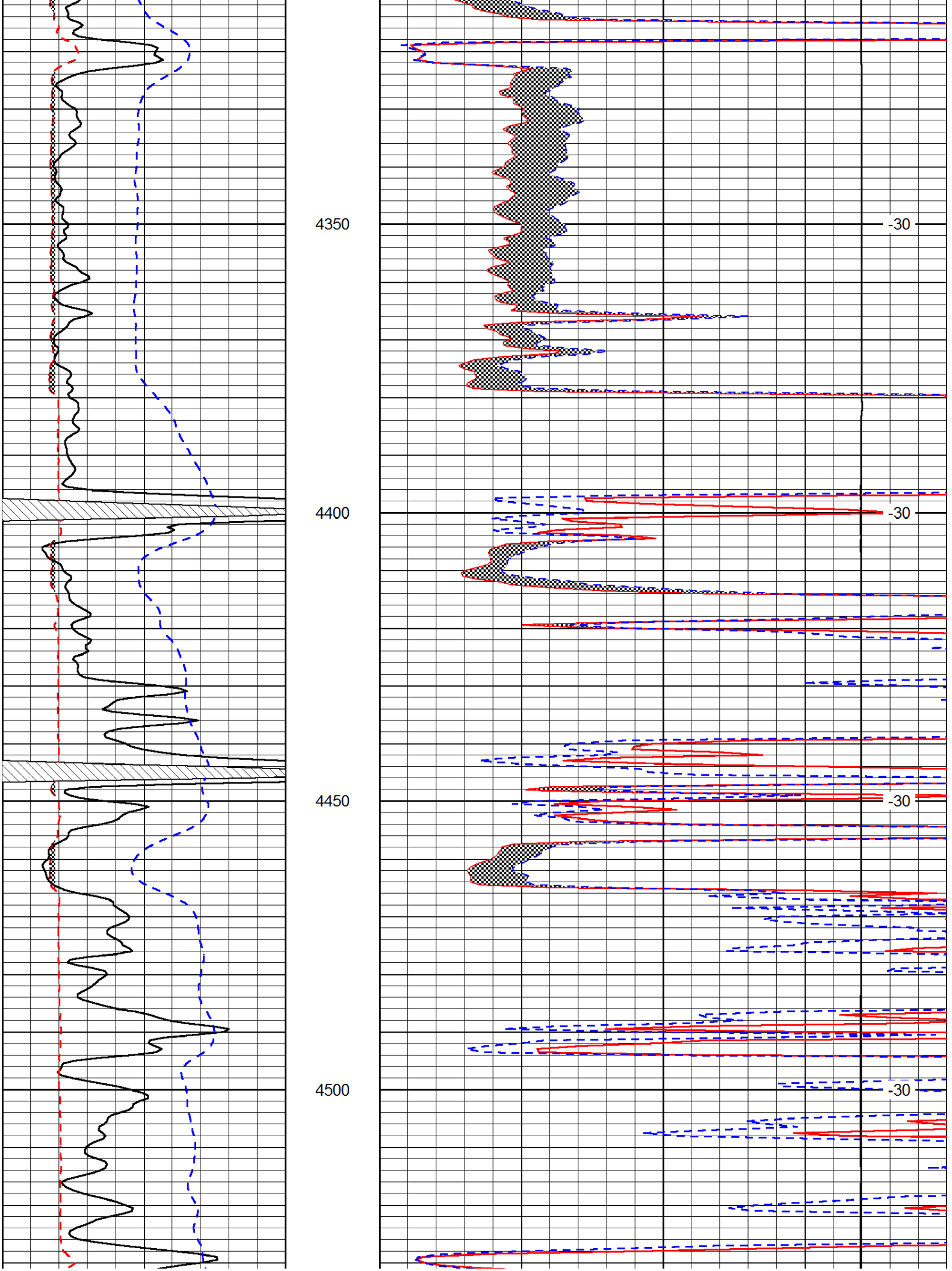
Thank you for using Pioneer Energy Services
www.pioneeres.com
785 625 3858

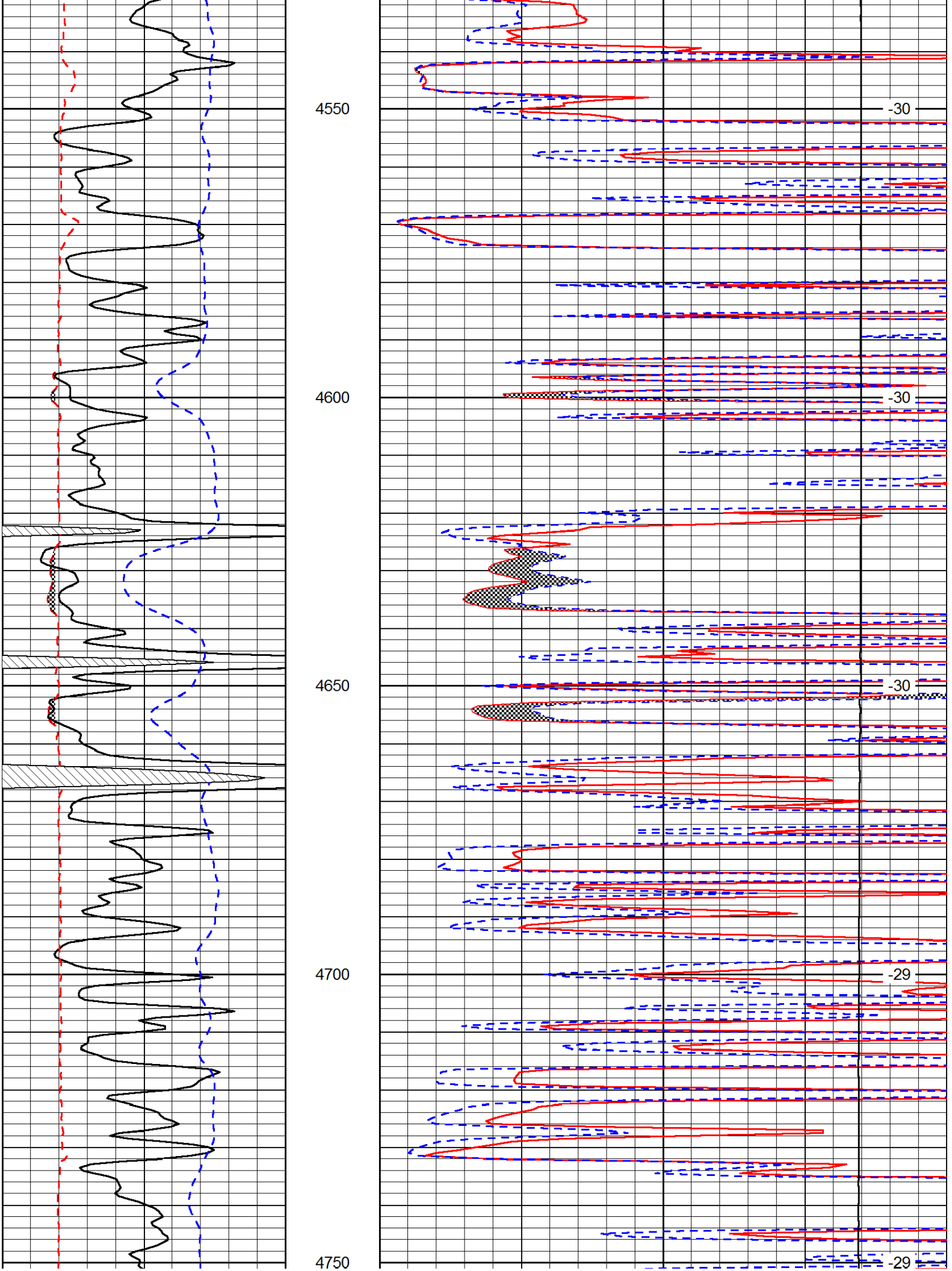
Garden City KS, Southwest on HWY 50 to Aerodrome RD,
1 1/2 East, 3/4 South, West Into

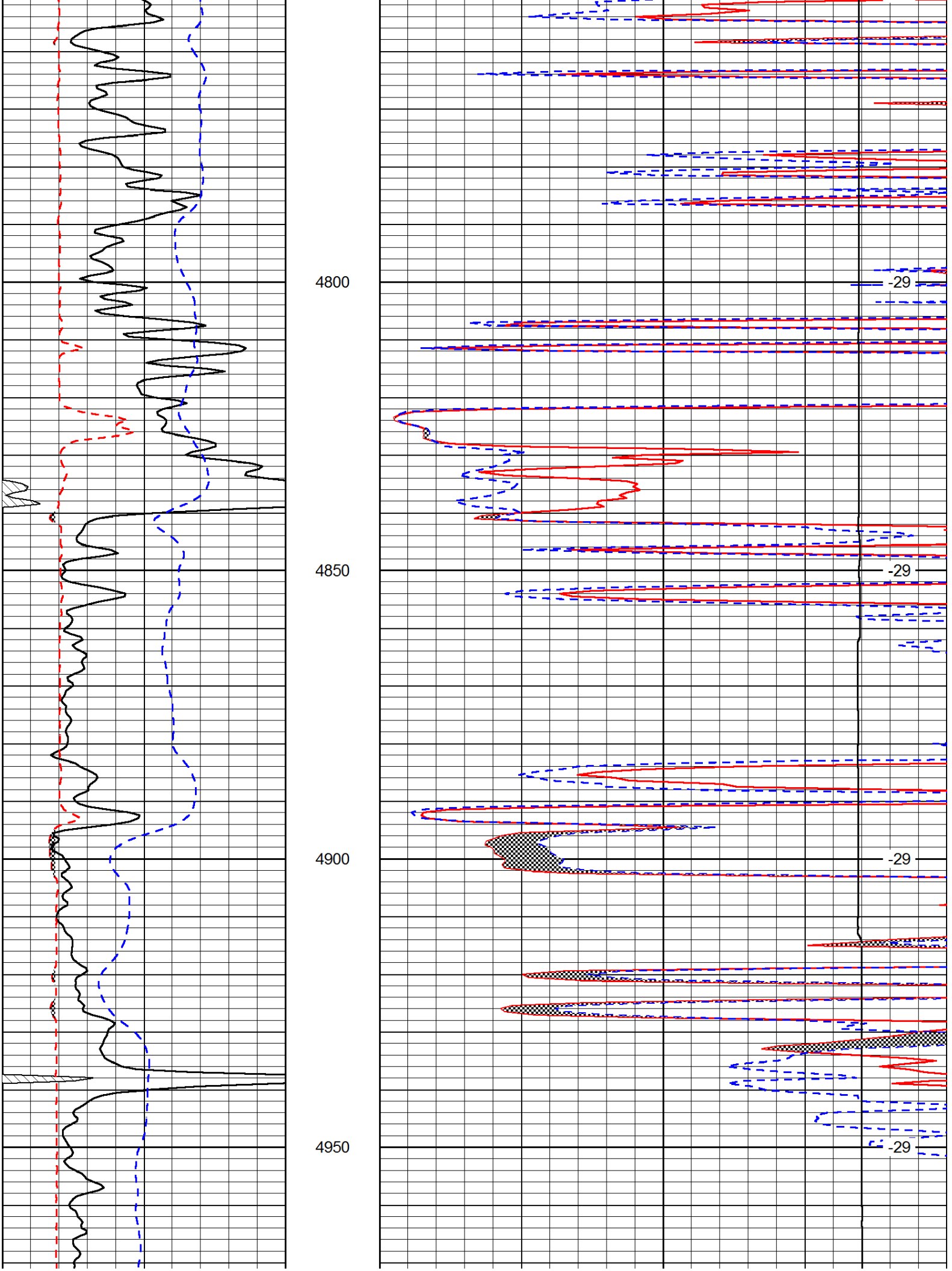
Database File:	c:\warrior\data\amwar_clark #3-2\amwarrior_clark_3_2hd.db
Dataset Pathname:	DIL/awstk
Presentation Format:	micro
Dataset Creation:	Sat Apr 19 11:54:44 2014
Charted by:	Depth in Feet scaled 1:240

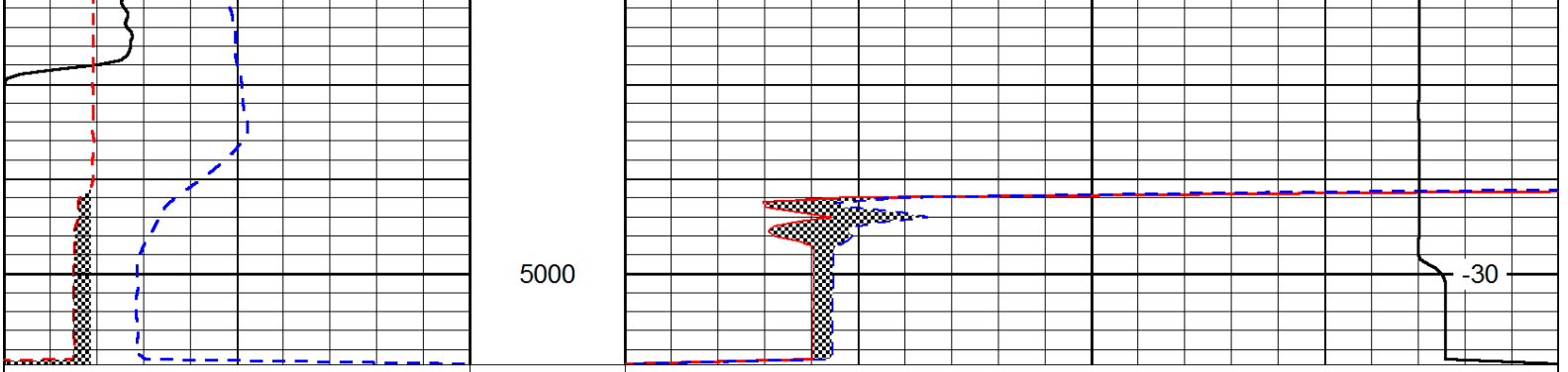

0 Gamma Ray 150
6 Micro Log Caliper (GAPI) 16
-200 SP (mV) 0
0 Micro Inverese 1 X 1 40
0 Micro Normal 2" 40
15000 Line Weight 0
LSPD
3900
3950
4000
4050
-31
-31
-31
-31


4100
4150
4200
4250
4300
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-29



0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0

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

LSPD