API No. 15-167-23,989-00-00

Pioneer Energy Services

Microresistivity Log

Company	Prospect Oil & Gas, Inc.
Well	Krug "A" # 1
Field	Claussen
County	Russell
State	Kansas
Location	S/2 SW NW NE 1,160' FNL & 2,310' FEL
Sec: 3	Twp: 13S
Rge: 14W	

Other Services: CNL/CDL, DIL

Permanent Datum: Ground Level — Elevation 1593
Log Measured From: Kelly Bushing — 7 Ft. Above Perm. Datum
Drilling Measured From: Kelly Bushing

Elevation: K.B. 1600, D.F., G.L. 1593

Date	7/11/2014			
Run Number	Two			
Depth Driller	3125			
Depth Logger	3124			
Bottom Logged Interval	3123			
Top Log Interval	2200			
Casing Driller	8.625 @ 637			
Casing Logger	635			
Bit Size	7.875			
Type Fluid in Hole	Chemical			
Salinity,ppm CL	3300			
Density / Viscosity	9.0 / 51			
pH / Fluid Loss	10.0 / 8.0			
Source of Sample	Flowline			
Rm @ Meas. Temp	.28 @ 90			
Rmf @ Meas. Temp	.21 @ 90			
Rmc @ Meas. Temp	.38 @ 90			
Source of Rmf / Rmc	Charts			
Rm @ BHT	.23 @ 107			
Operating Rig Time	4 Hours			
Max Rec. Temp. F	107			
Equipment Number	108			
Location	Hays			
Recorded By	J. Long			
Witnessed By	Brad Hutchison			

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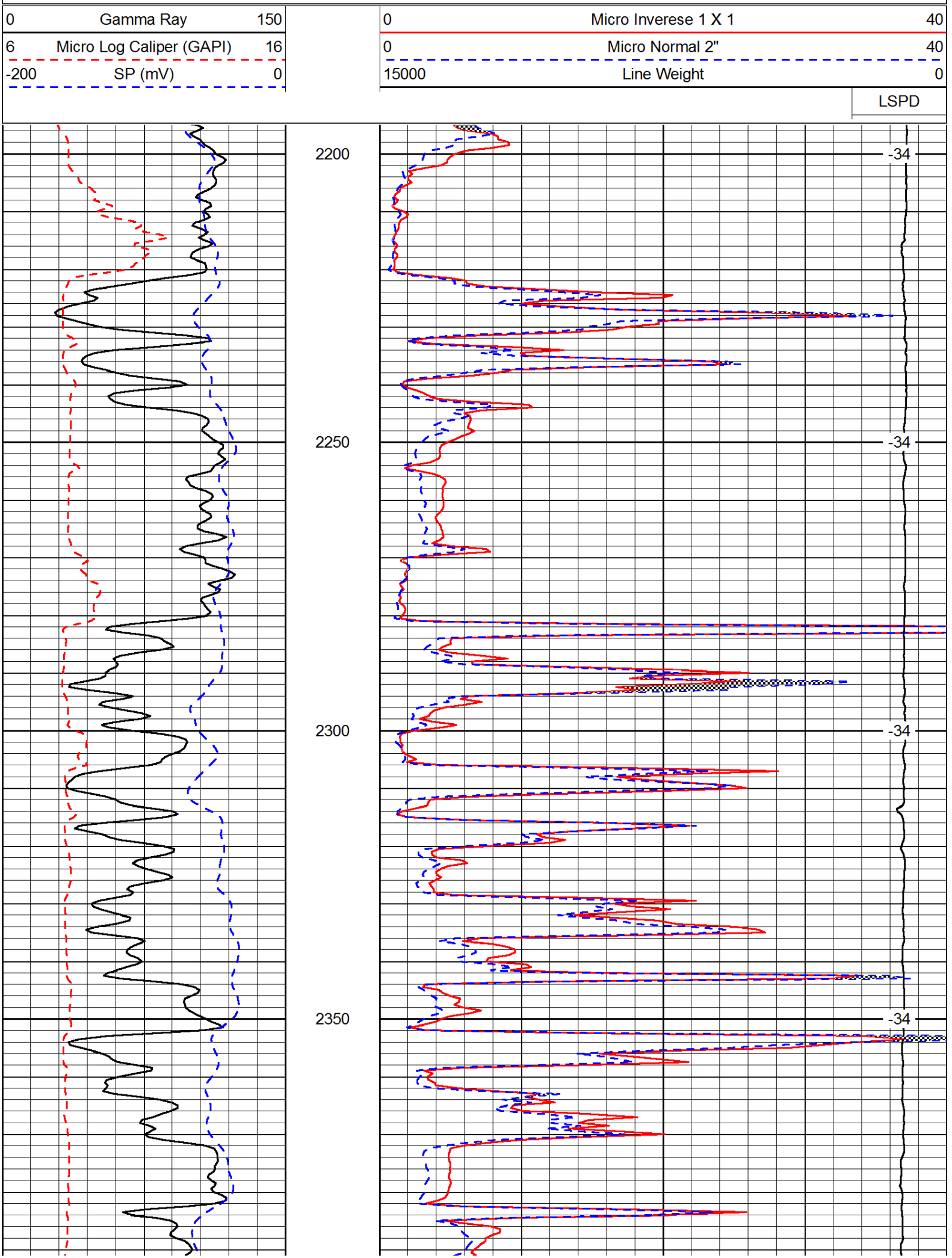
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

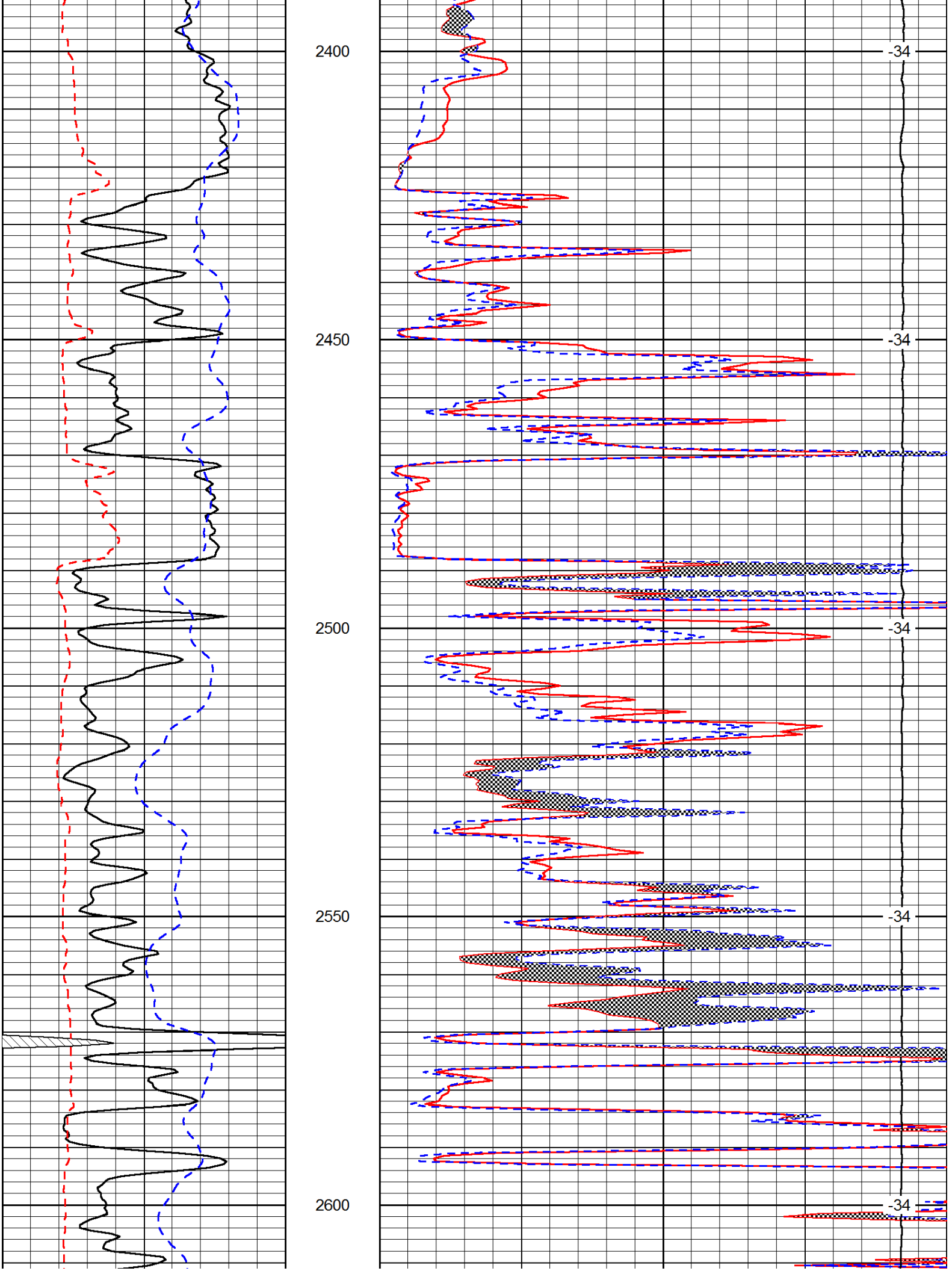
Comments

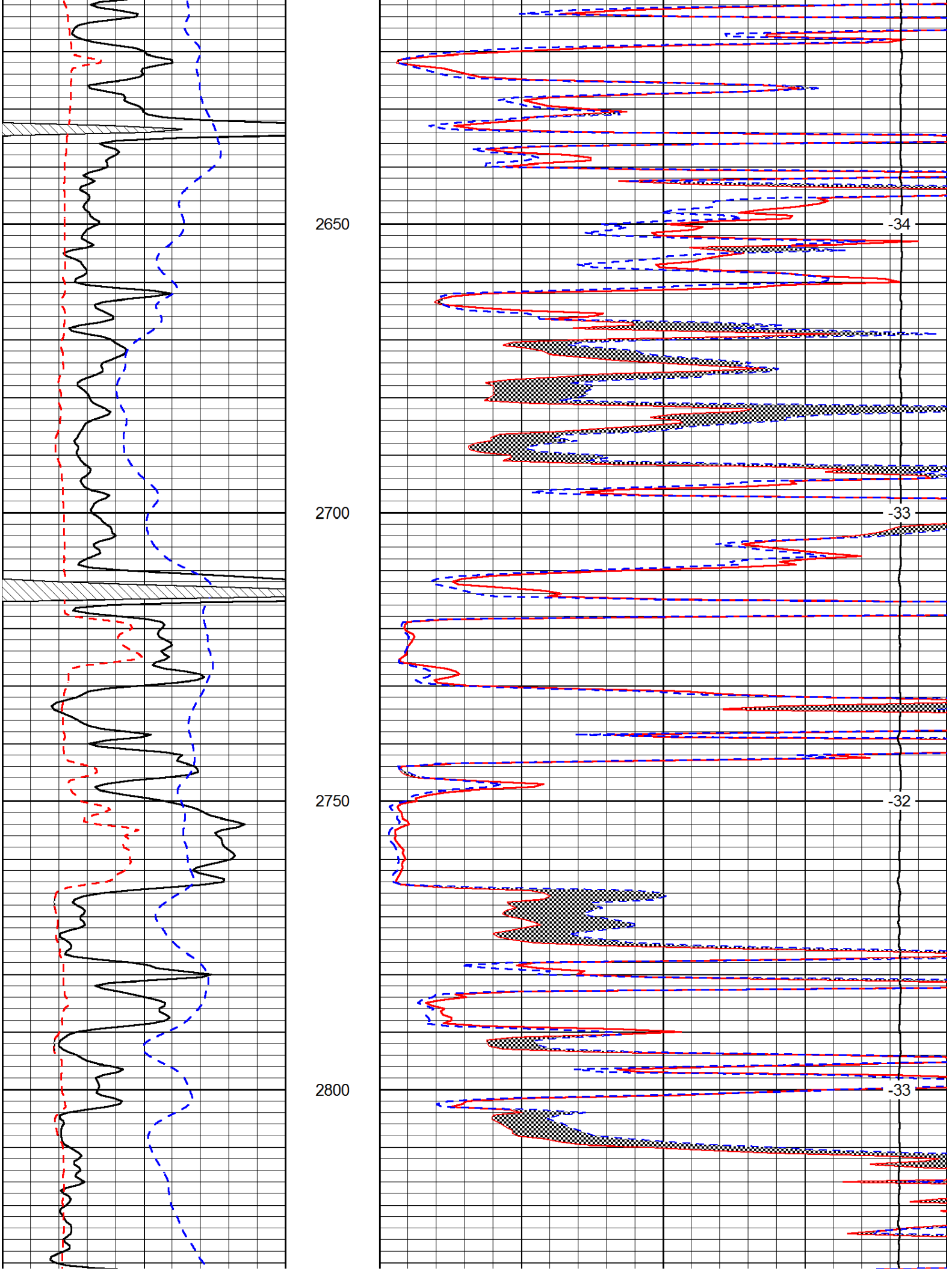
Thank you for using Pioneer Energy Services
www.pioneeres.com
785 625 3858

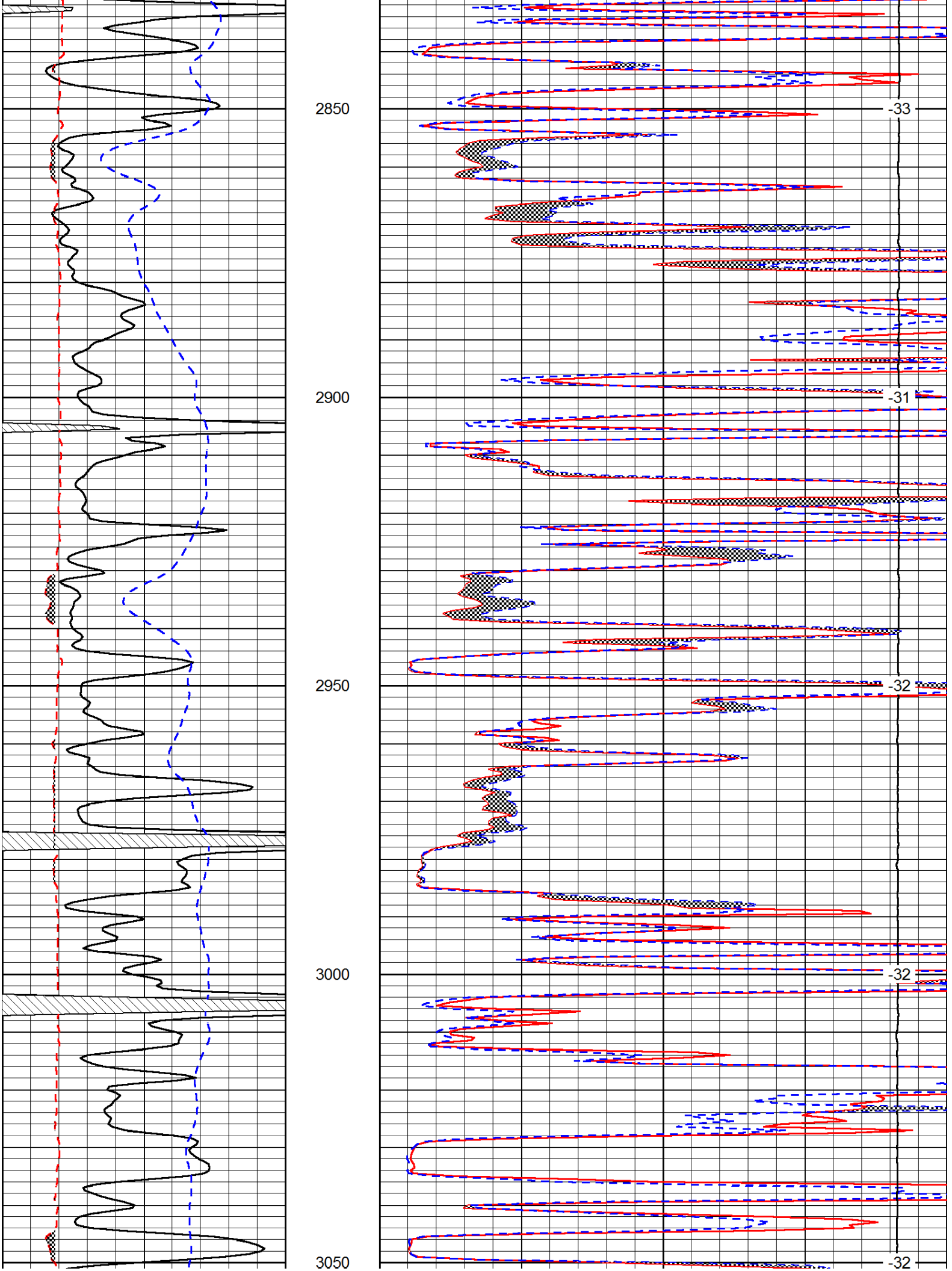
Russell, 5 North to Land Road, 1/2 West, 1/2 South, East Into

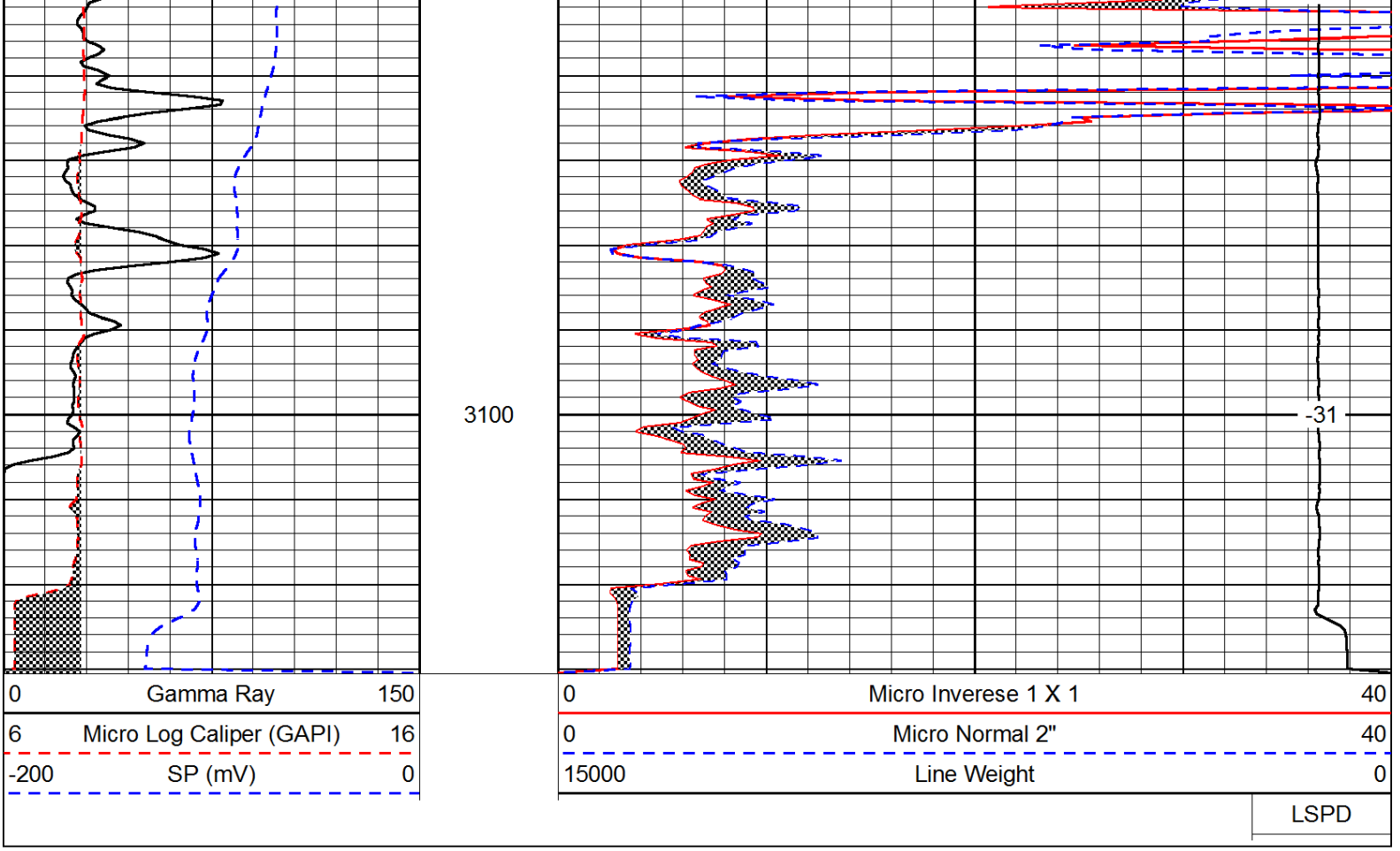
Database File:	c:\warrior\data\prospect_krug a # 1\prospect_krug_a_1hd.db
Dataset Pathname:	dil/prosstck
Presentation Format:	micro
Dataset Creation:	Fri Jul 11 18:44:51 2014
Charted by:	Depth in Feet scaled 1:240


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
2200
2250
2300
2350
-34
-34
-34
-34


2400
2450
2500
2550
2600
-34
-34
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-34
-34


2650
2700
2750
2800
-34
-33
-32
-33


2850
2900
2950
3000
3050
-33
-31
-32
-32
-32


3100
-31
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