Microresistivity Log

Pioneer Energy Services

API No.	15-009-25,844-00-00
Company	Bird Dog Oil, LLC
Well	Beaver S-Reif #1-22
Field	Kraft-Prusa
County	Barton
State	Kansas
Location	250' FSL & 1,460' FEL
Sec:	22
Twp:	16S
Rge:	12W
Other Services	CNL/CDL DIL/BHCS

Permanent Datum	Ground Level	Elevation 1926
Log Measured From	Kelly Bushing	7 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	

Elevation	
K.B.	1933
D.F.	
G.L.	1926

Date	6/1/2013		
Run Number	Two		
Depth Driller	3470		
Depth Logger	3465		
Bottom Logged Interval	3464		
Top Log Interval	2600		
Casing Driller	8.625 @ 435		
Casing Logger	432		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity,ppm CL	6800		
Density / Viscosity	9.1 / 45		
pH / Fluid Loss	10.5 / 9.2		
Source of Sample	Flowline		
Rm @ Meas. Temp	.34 @ 70		
Rmf @ Meas. Temp	.26 @ 70		
Rmc @ Meas. Temp	.46 @ 70		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.21 @ 111		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	111		
Equipment Number	108		
Location	Hays		
Recorded By	J. Long		
Witnessed By	Derek Patterson		

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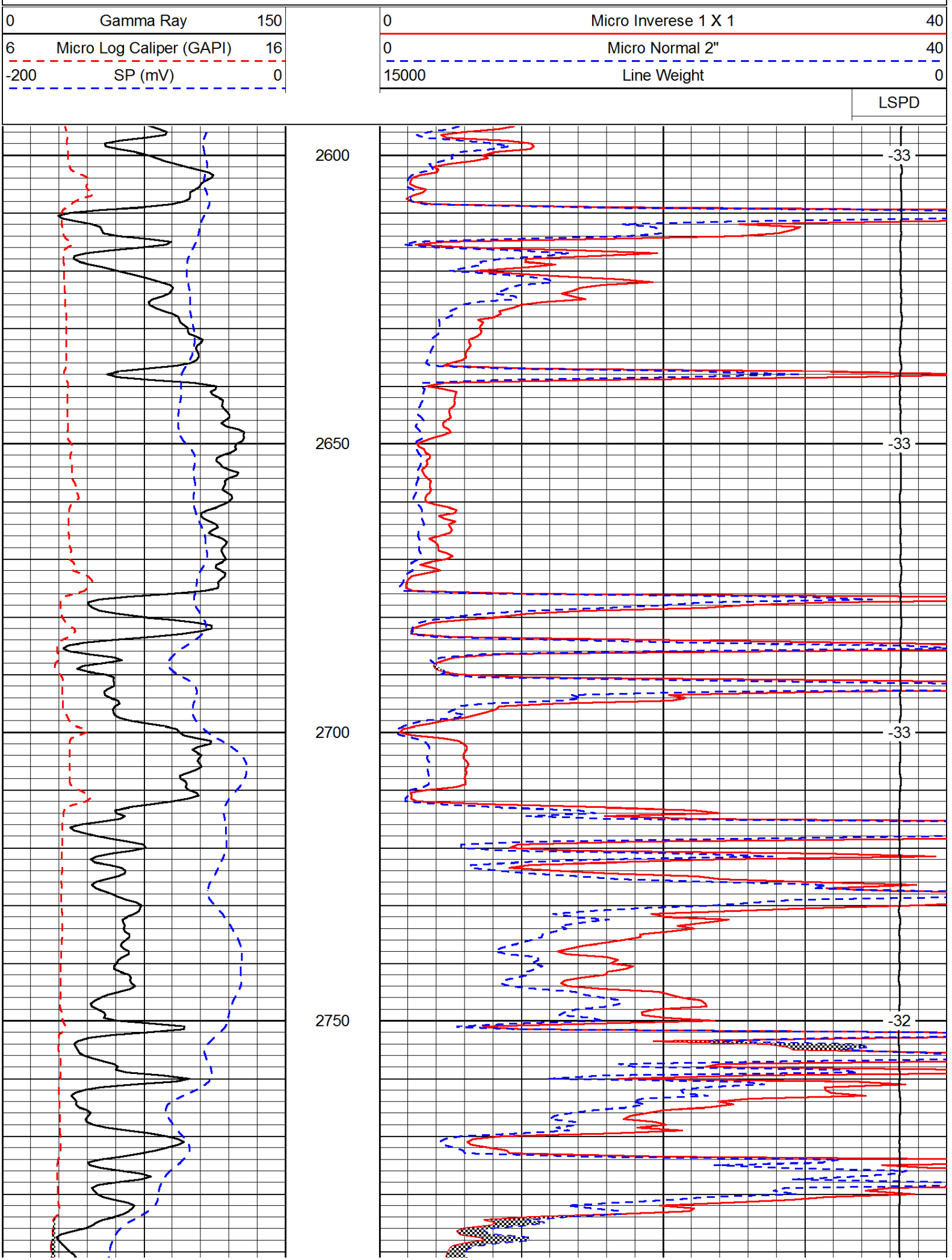
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

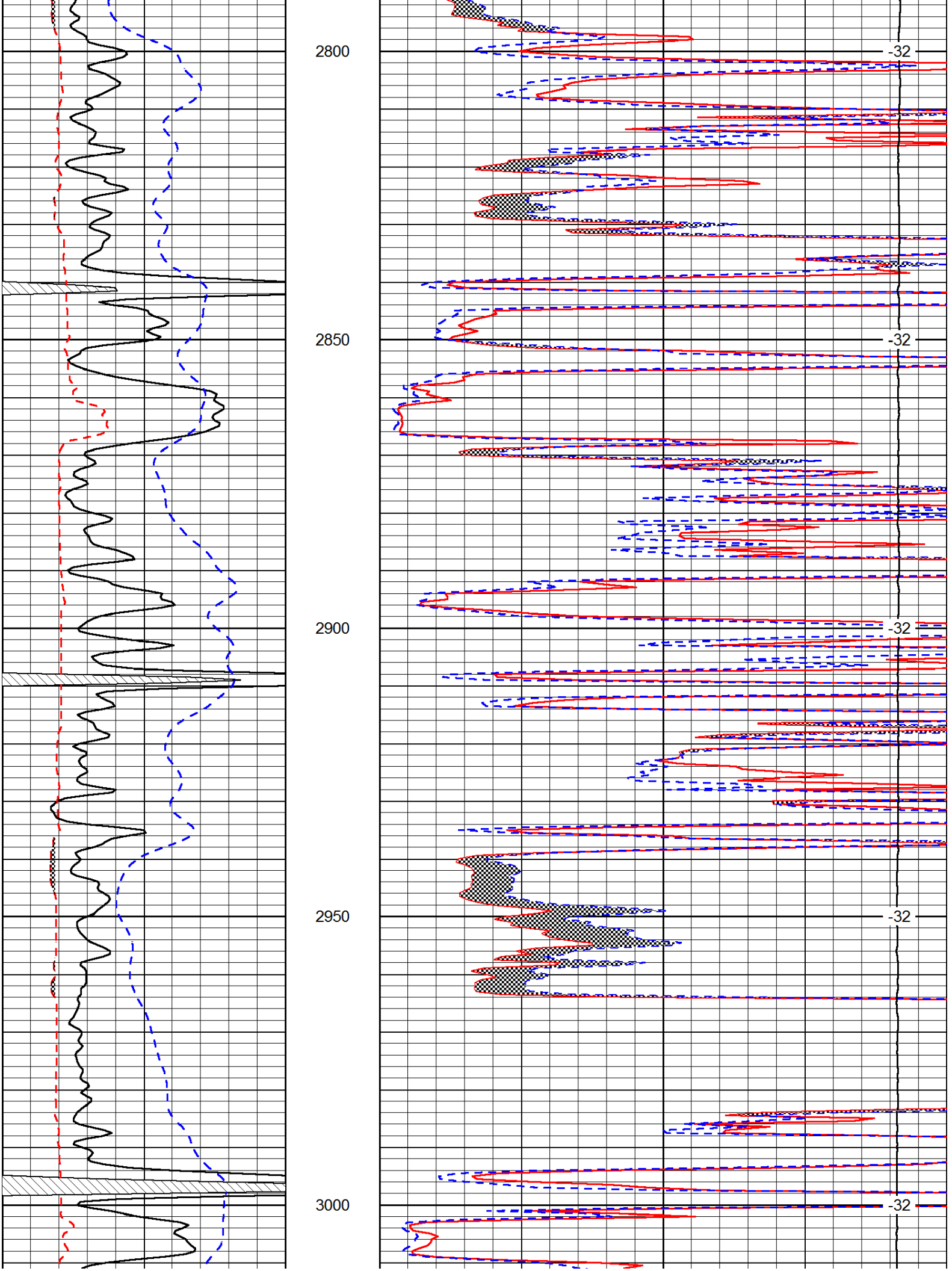
Comments

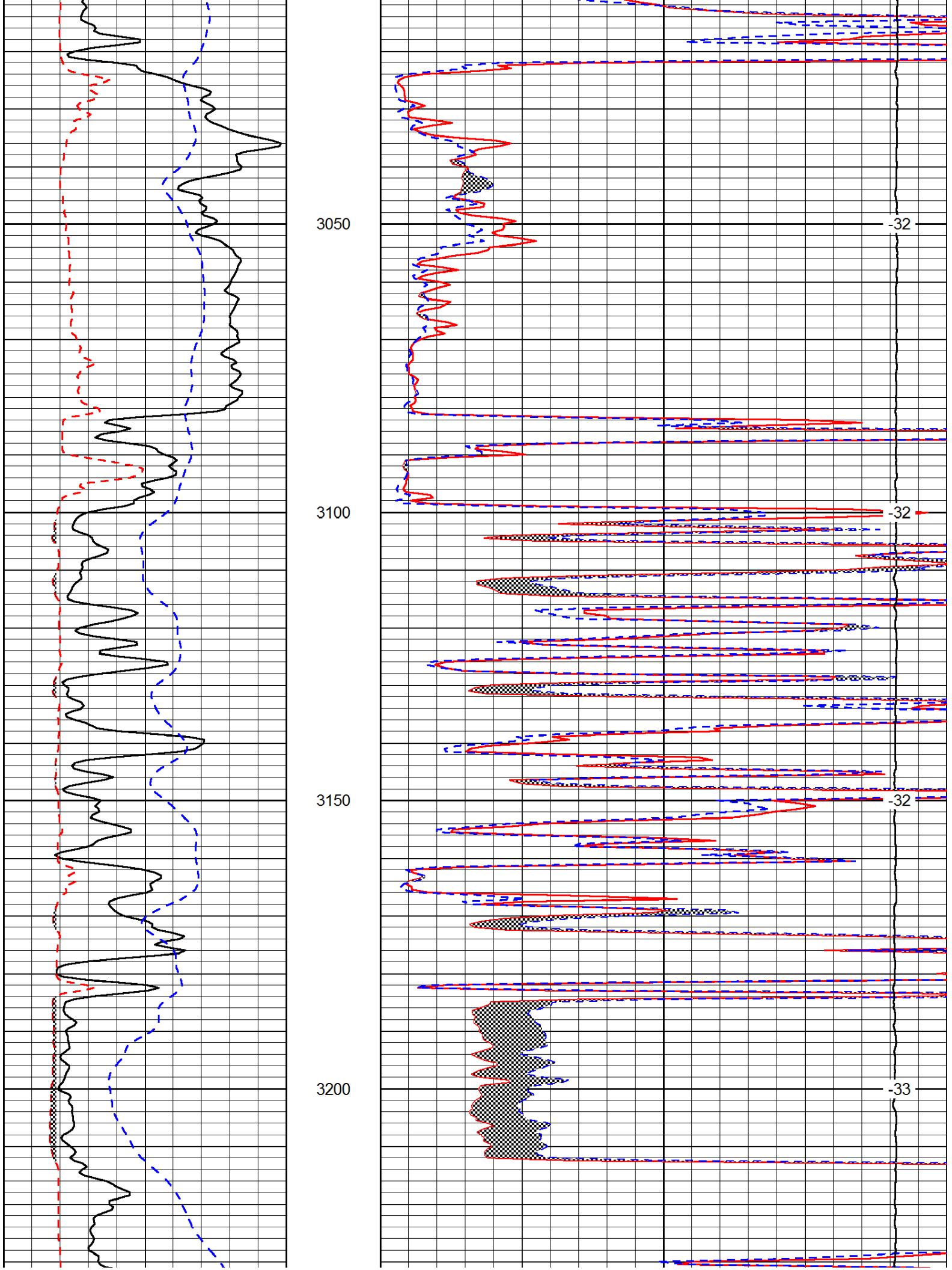
Thank you for using Pioneer Energy Services
www.pioneeres.com
785 625 3858

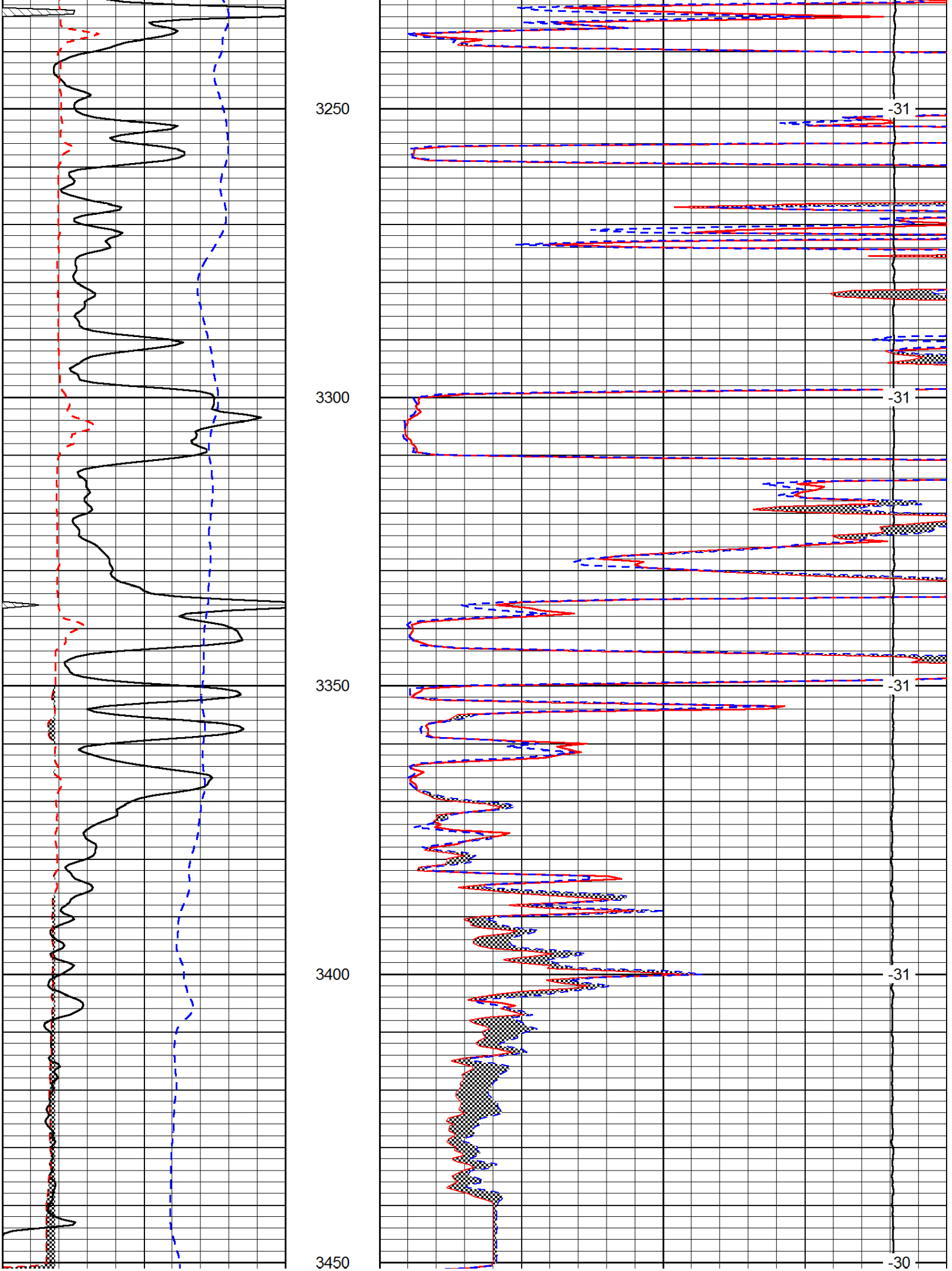
Beaver, 1 1/2 East, North Into

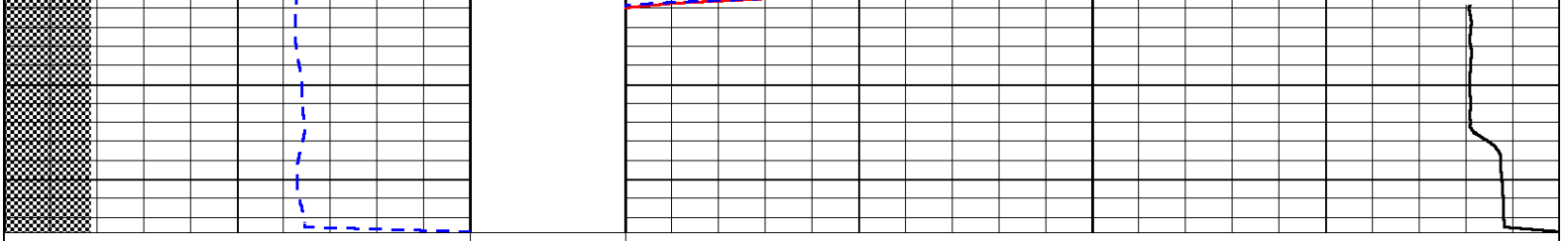
Database File:	c:\warrior\data\bird dog_beaver s-reif #1-22\birddog_beaver_s-reif_1-22hd.db
Dataset Pathname:	dil/birdstck
Presentation Format:	micro
Dataset Creation:	Sat Jun 01 06:29:48 2013
Charted by:	Depth in Feet scaled 1:240


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
2600
2650
2700
2750
-33
-33
-33
-32


2800
2850
2900
2950
3000
-32
-32
-32
-32
-32


3050
3100
3150
3200
-32
-32
-32
-33


3250
3300
3350
3400
3450
-31
-31
-31
-31
-30



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