LOG-TECH

DIGITAL LOG (785) 625-3858

Microresistivity Log

API No. 15-153-20,880-00-00

Company Murfin Drilling Company, Inc.

Well Sherilyn No. 1-14

Field Wildcat

County Rawlins State Kansas

Location 2,310' FSL & 660' FEL

Sec: 14 Twp: 5S Rge: 31W

Other Services
CNL/CDL
DIL/BHCS

Elevation
K.B. 2933
D.F.
G.L. 2928

Permanent Datum Ground Level
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing Elevation 2928

Date	05/30/2010		
Run Number	Two		
Depth Driller	4465		
Depth Logger	4463		
Bottom Logged Interval	4462		
Top Log Interval	3600		
Casing Driller	8.625 @ 219		
Casing Logger	216		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity,ppm CL	2,100		
Density / Viscosity	9.4 / 57		
pH / Fluid Loss	11.0 / 6.0		
Source of Sample	Flowline		
Rm @ Meas. Temp	.5 @ 78		
Rmf @ Meas. Temp	.38 @ 78		
Rmc @ Meas. Temp	.68 @ 78		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.32 @ 123		
Operating Rig Time	4 1/2 Hours		
Max. Rec. Temp. F	123		
Equipment Number	17		
Location	Hays		
Recorded By	Mike Garrison		
Witnessed By	Paul Gunzelman		

<<< Fold Here >>>

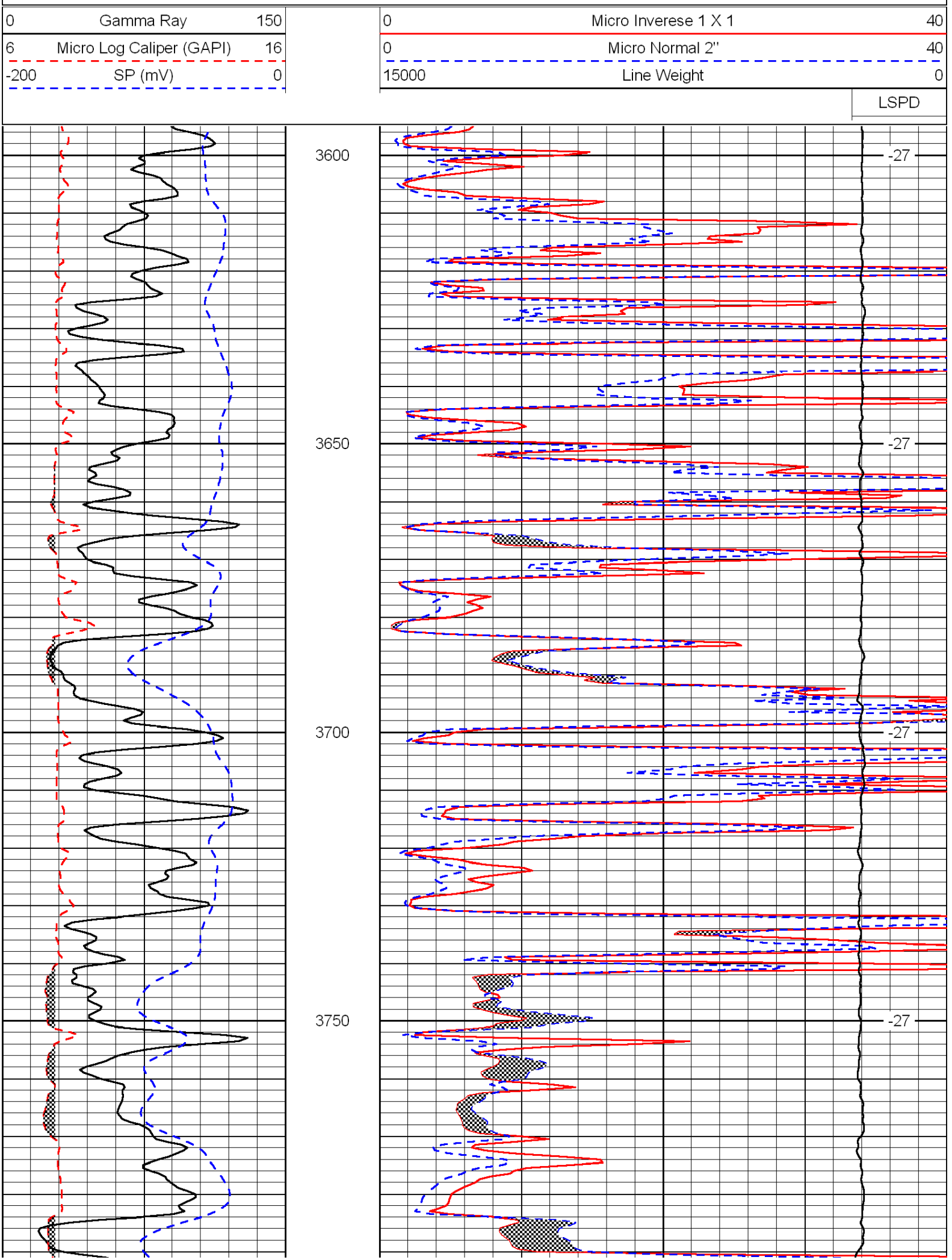
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

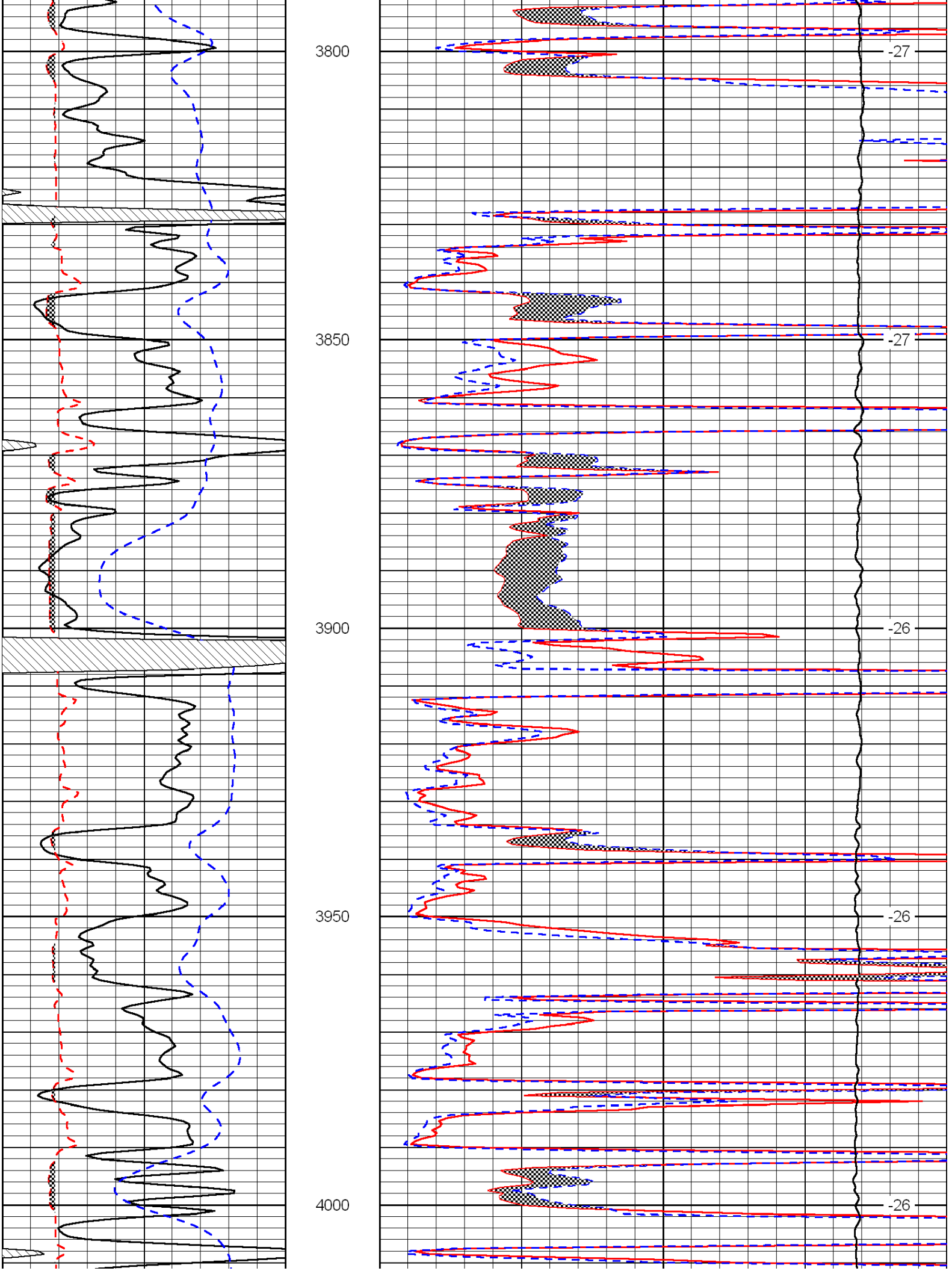
Comments

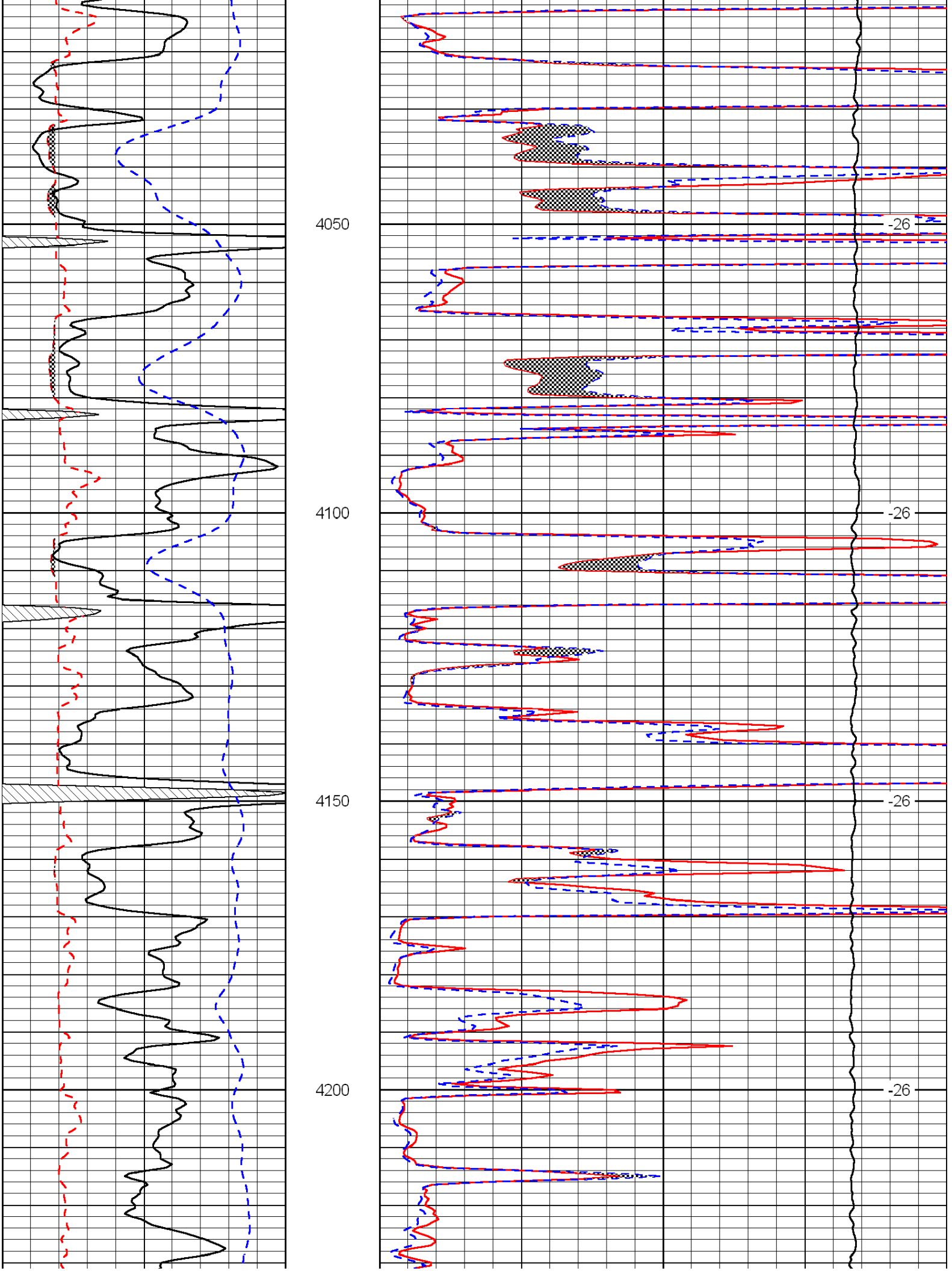
Thank you for using Log-Tech, Inc.
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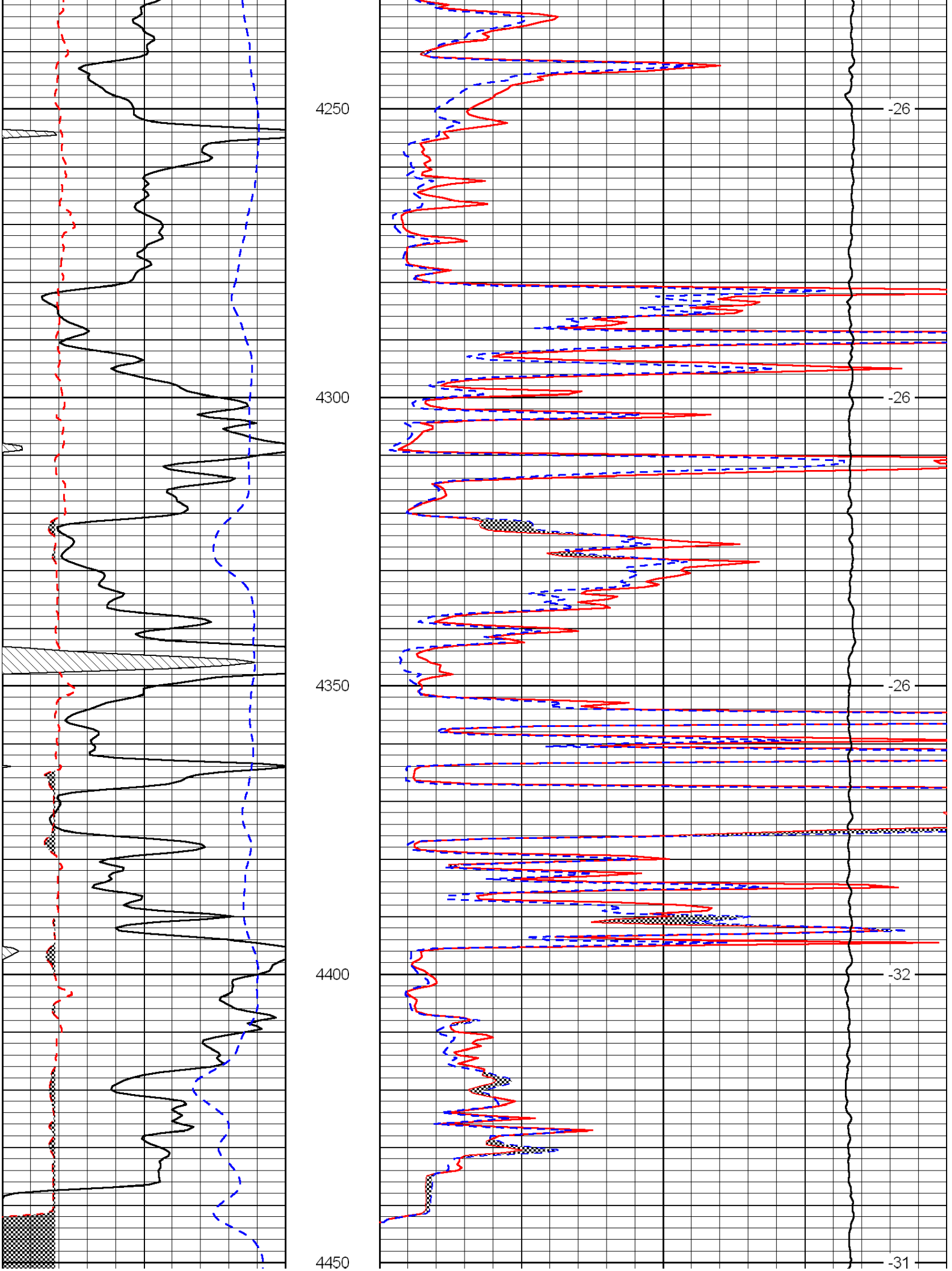
Rexford, 6 North to Y, 1 West, 3 1/4 North, West Into

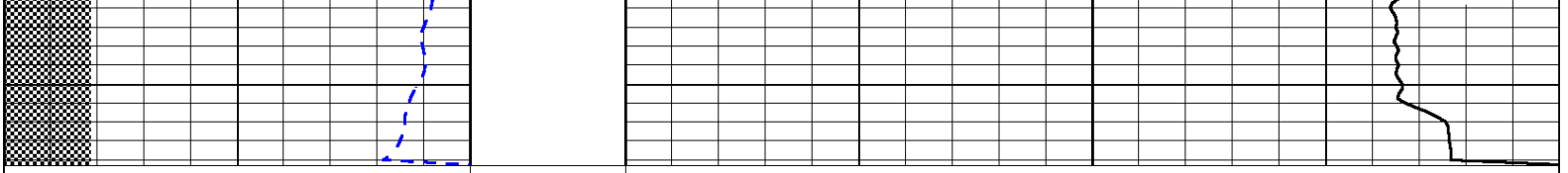
Database File:	c:\warrior\data\murfin_sherilyn no. 1-14\murfhd.db
Dataset Pathname:	dil/murfstck
Presentation Format:	micro
Dataset Creation:	Sun May 30 23:19:35 2010
Charted by:	Depth in Feet scaled 1:240


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
3600
3650
3700
3750
-27
-27
-27
-27


3800
3850
3900
3950
4000
-27
-27
-26
-26
-26


4050
4100
4150
4200
-26
-26
-26
-26


4250
4300
4350
4400
4450
-26
-26
-26
-32
-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