PIONEER

Pioneer Energy Services

Microresistivity Log

API No.

15-065-23889-00-00

Company H&C Oil Operating, Inc.

Well Faulkner # 14-1

Field Wildcat

County Graham State Kansas

Location 700' FSL & 1100' FWL

Sec: 14 Twp: 8 S Rge: 22 W

Other Services
CNL/CDL
DIL

Elevation
K.B. 2114
D.F.
G.L. 2109

Permanent Datum Ground Level Elevation 2109
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date	1/28/2013		
Run Number	Two		
Depth Driller	3760		
Depth Logger	3759		
Bottom Logged Interval	3758		
Top Log Interval	3000		
Casing Driller	8.625 @ 231		
Casing Logger	228		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity,ppm CL	1500		
Density / Viscosity	9.1	54	
pH / Fluid Loss	10	7.6	
Source of Sample	Flowline		
Rm @ Meas. Temp	1.00 @ 56		
Rmf @ Meas. Temp	0.75 @ 56		
Rmc @ Meas. Temp	1.35 @ 56		
Source of Rmf / Rmc	Charts		
Rm @ BHT	0.48 @ 116		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	116		
Equipment Number	91		
Location	Hays		
Recorded By	D. Schmidt		
Witnessed By	Jason Alm		

<<< 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 Pioneer Energy Services
www.pioneeres.com
785 625 3858
Bogue,
3 1/2 West on P Terr to 320th, 3/8 South,
East Into

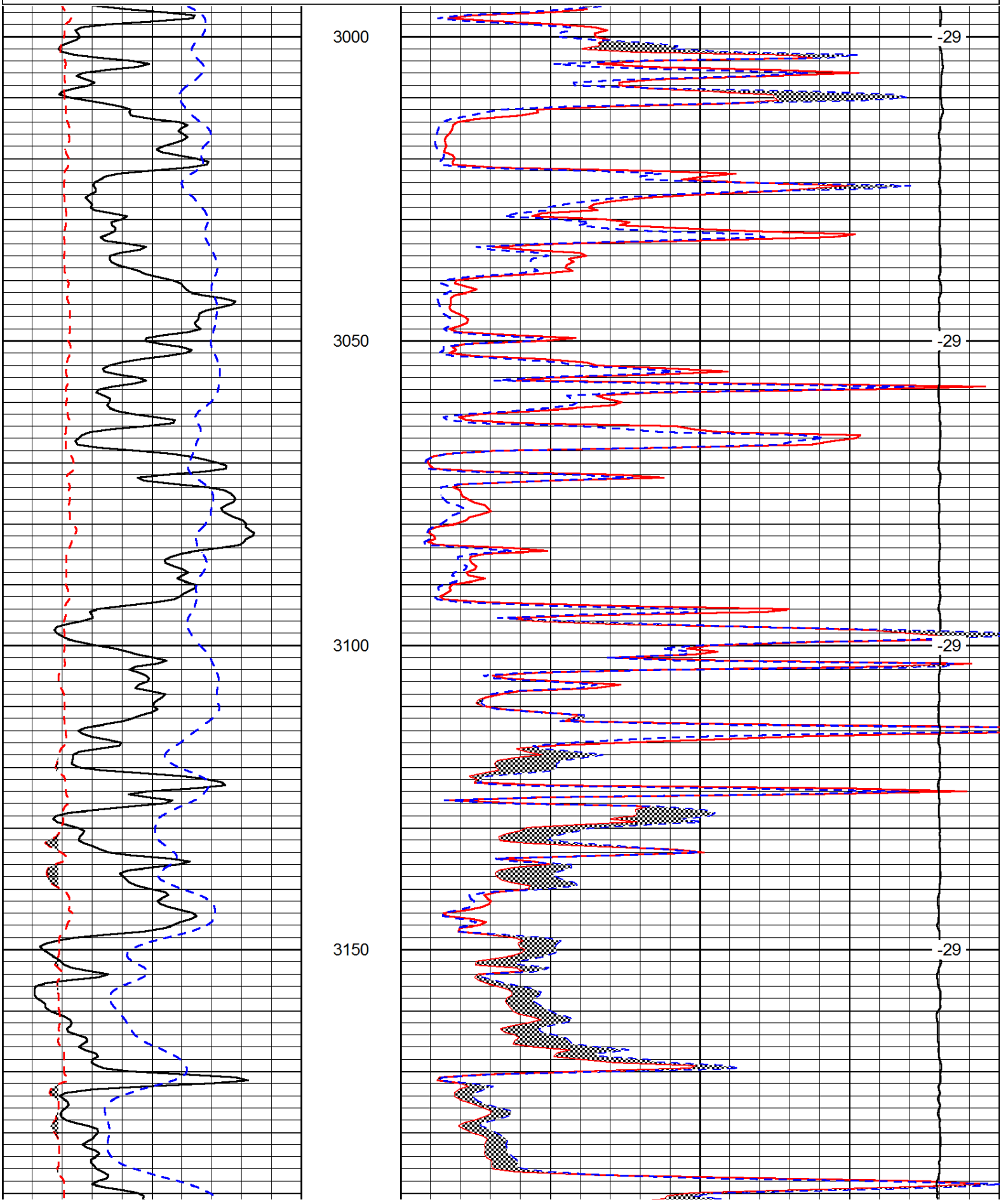
Database File: c:\warrior\data\h&c_faulkner # 14-1\h&c_012813hd.db
Dataset Pathname: dil/hcstack
Presentation Format: micro
Dataset Creation: Mon Jan 28 02:49:58 2013
Charted by: Depth in Feet scaled 1:240

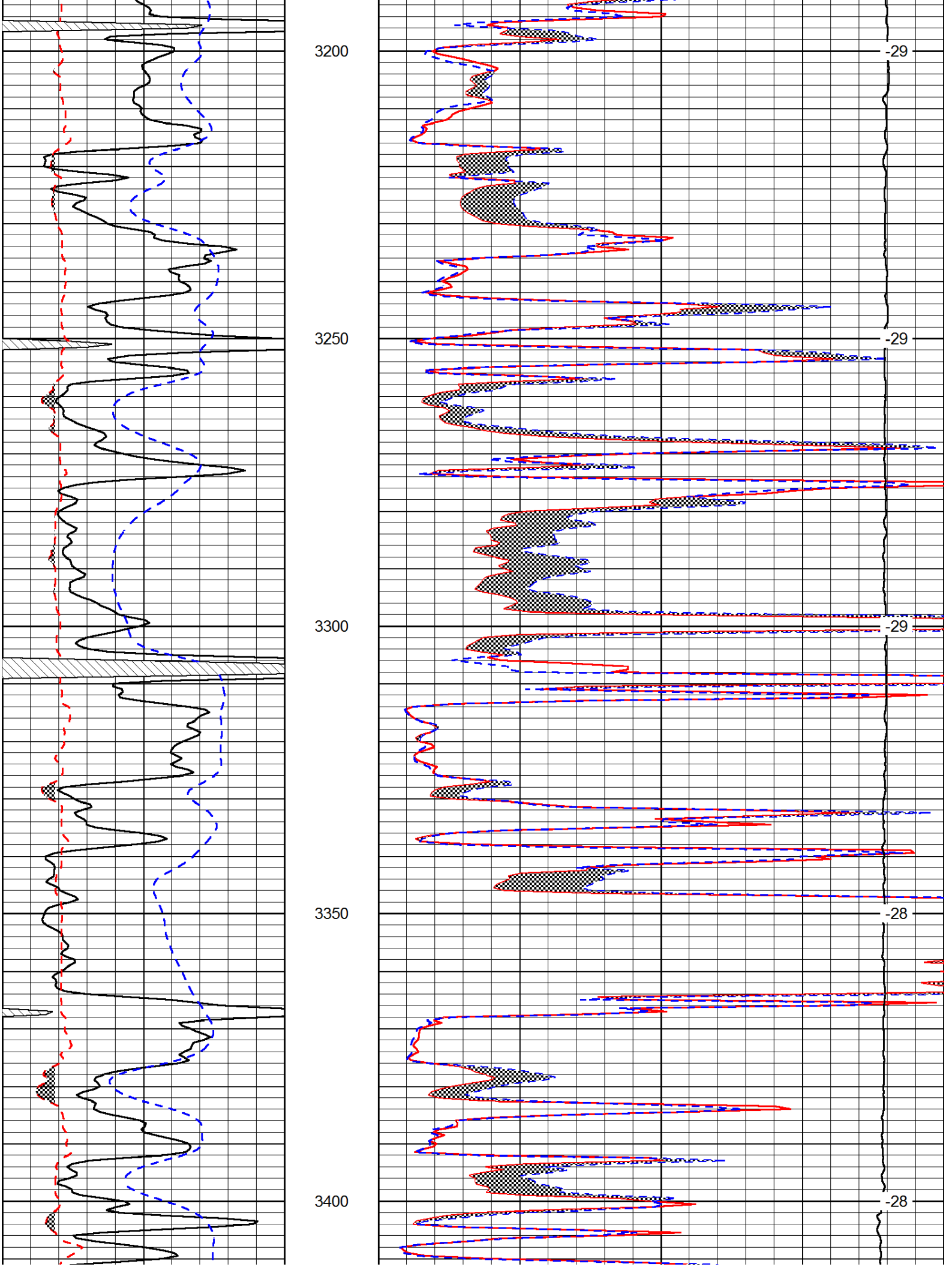
Charted by: Depth in Feet scaled 1:240

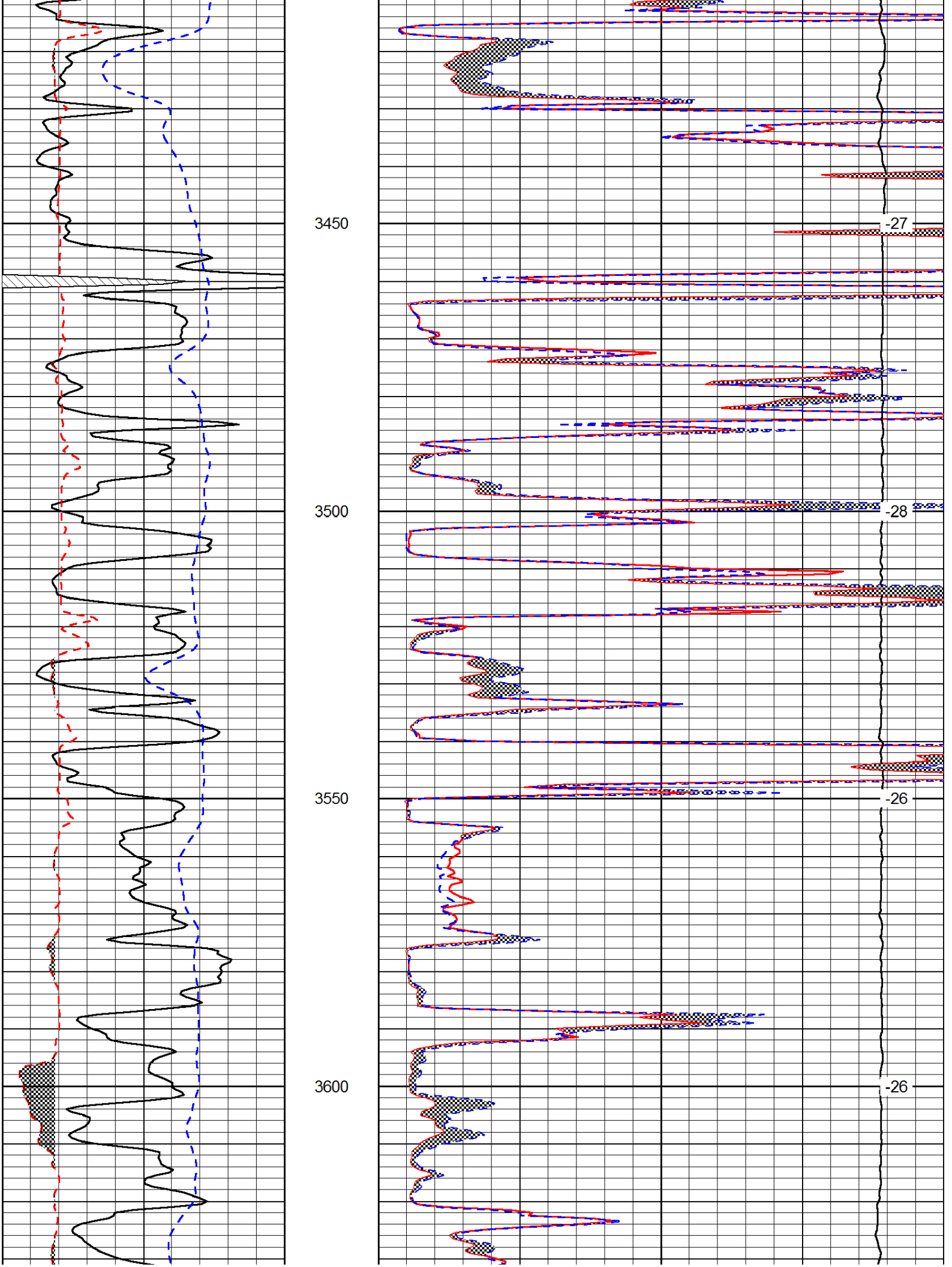
0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0

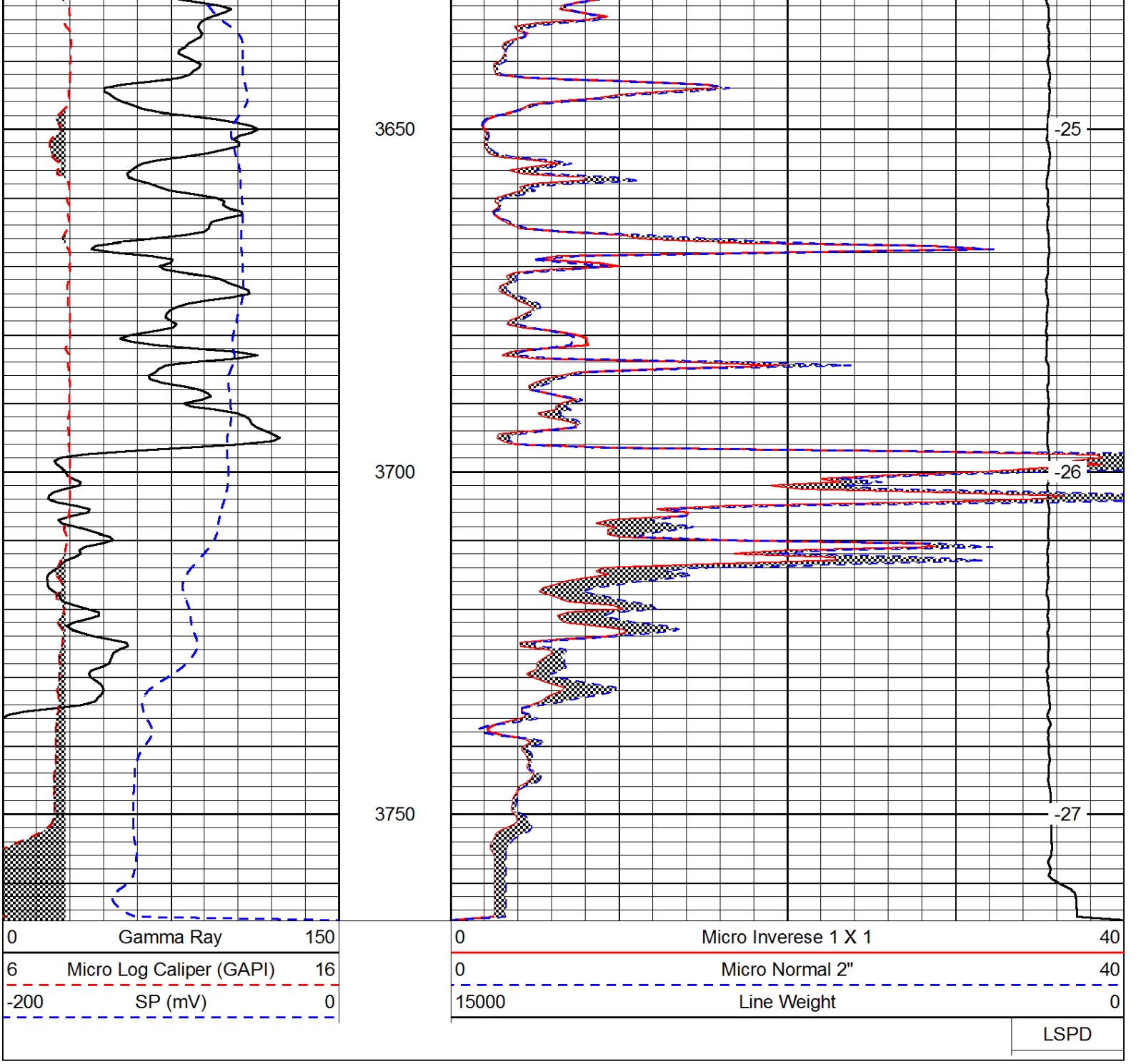
0	Micro Inverese 1 X 1	40
0	Micro Normal 2"	40
15000	Line Weight	0

LSPD




3200
3250
3300
3350
3400
-29
-29
-29
-28
-28


3450
3500
3550
3600
-27
-28
-26
-26


3650
3700
3750
-25
-26
-27
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