PIONEER

Pioneer Energy Services

Microresistivity Log

API No.

15-009-25939-00-00

Company Russell Oil, Inc.

Well Conner #13

Field Carroll

County Barton State Kansas

Location 875' FNL & 1600' FEL

Sec: 21 Twp: 17S Rge: 14W

Other Services
CNL/CDL
DIL

Elevation
K.B. 1907
D.F.
G.L. 1898

Permanent Datum Ground Level Elevation 1898
Log Measured From Kelly Bushing 9 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date	2/7/2014		
Run Number	One		
Depth Driller	3470		
Depth Logger	3472		
Bottom Logged Interval	3471		
Top Log Interval	2800		
Casing Driller	8.625 @ 874		
Casing Logger	878		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity,ppm CL	11500		
Density / Viscosity	9.0	47	
pH / Fluid Loss	10.5	9.6	
Source of Sample	Flowline		
Rm @ Meas. Temp	0.51 @ 30		
Rmf @ Meas. Temp	0.38 @ 30		
Rmc @ Meas. Temp	0.69 @ 30		
Source of Rmf / Rmc	Charts		
Rm @ BHT	0.14 @ 113		
Operating Rig Time	3 Hours		
Max Rec. Temp. F	113		
Equipment Number	91		
Location	Hays		
Recorded By	D. Schmidt		
Witnessed By	Steven Angle		

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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,
South to 150 Rd, 1 West, 1 South, 1/4 West,
South into

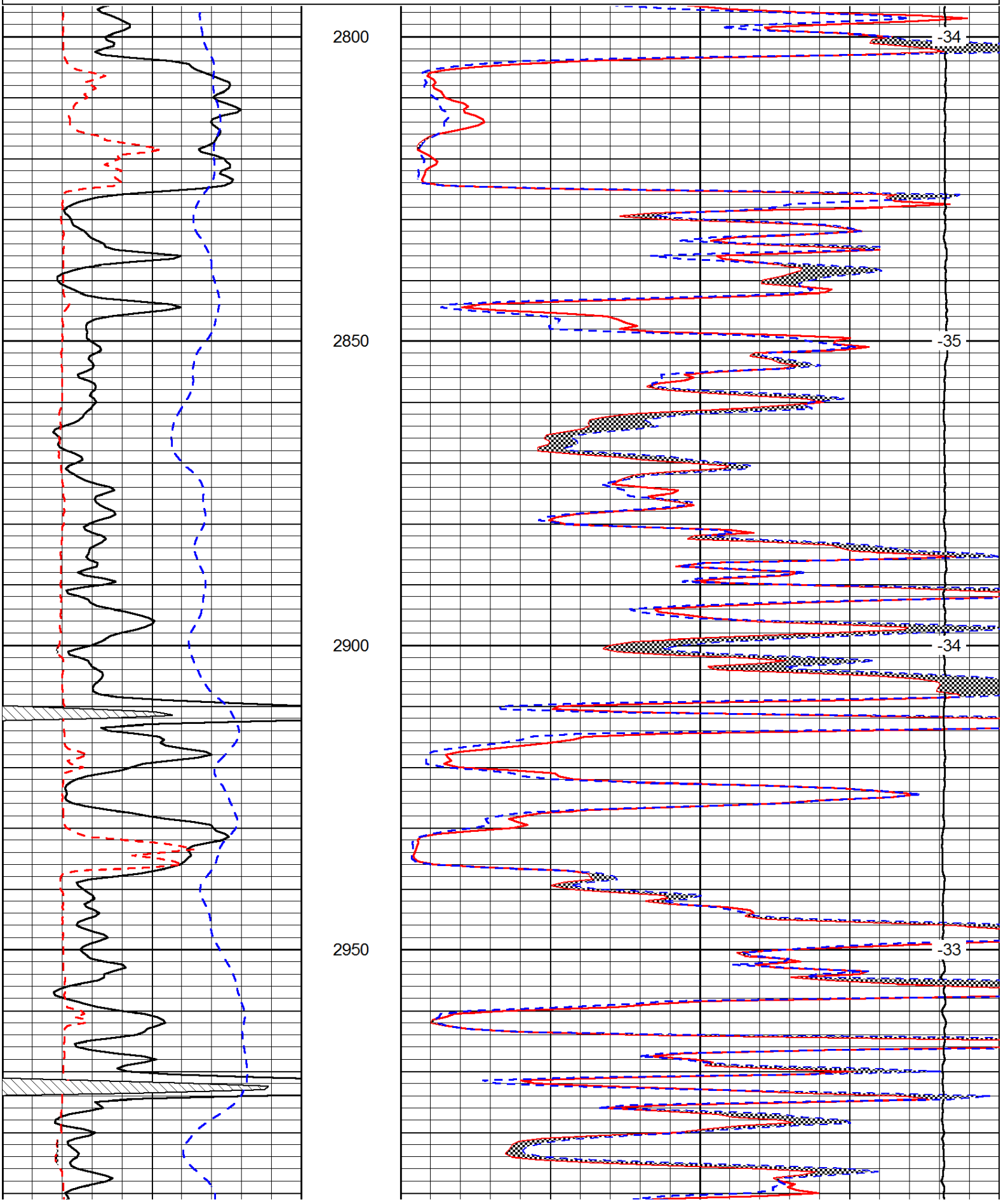
Database File: c:\warrior\data\russell_conner #13\russell_020714hd.db
Dataset Pathname: dil/russell
Presentation Format: micro
Dataset Creation: Fri Feb 07 03:10:28 2014
Charted by: Depth in Feet scaled 1:240

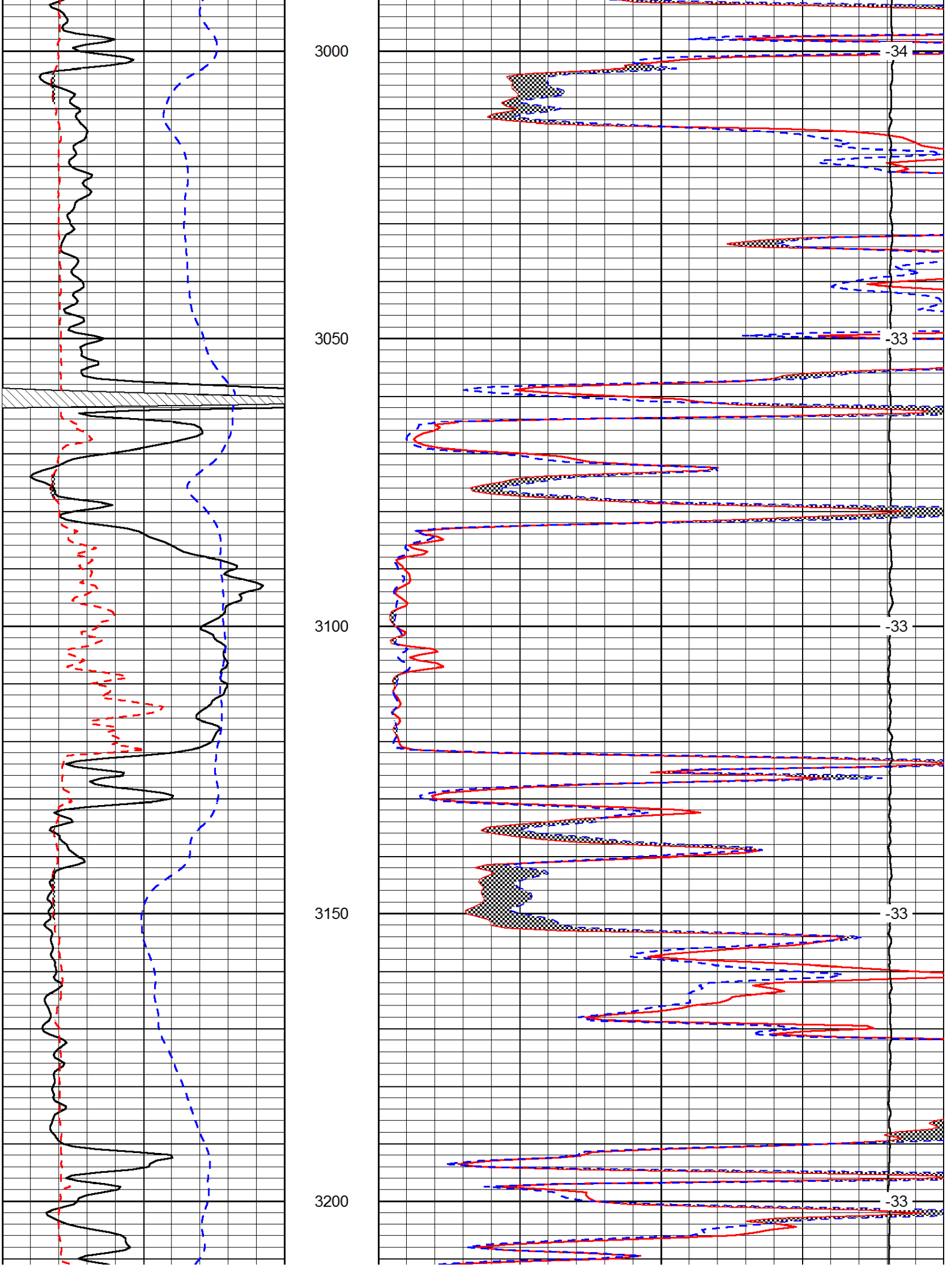
Charted by: Depth in Feet scaled 1:240

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

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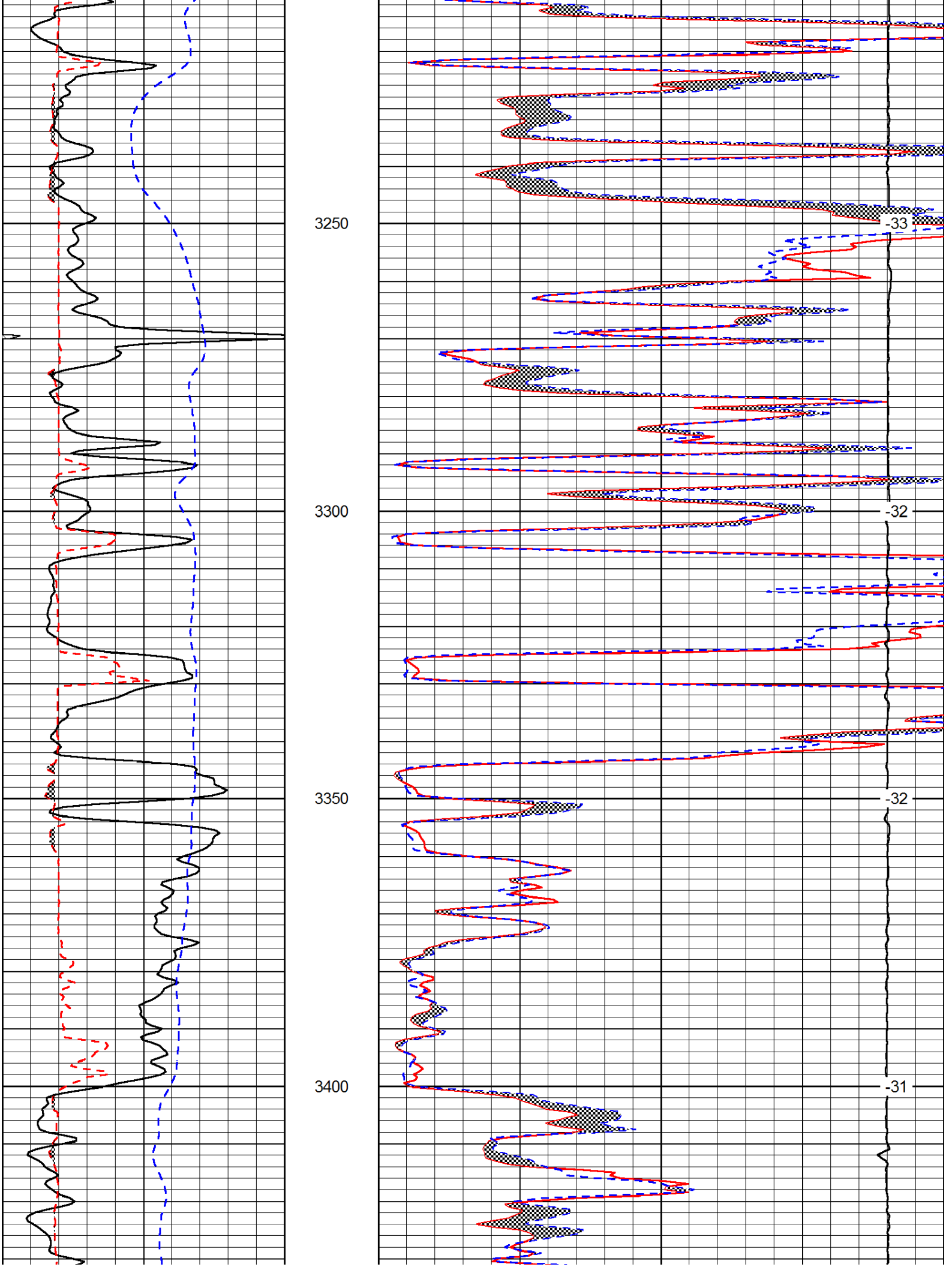
3150
3200
-34
-33
-33
-33
-33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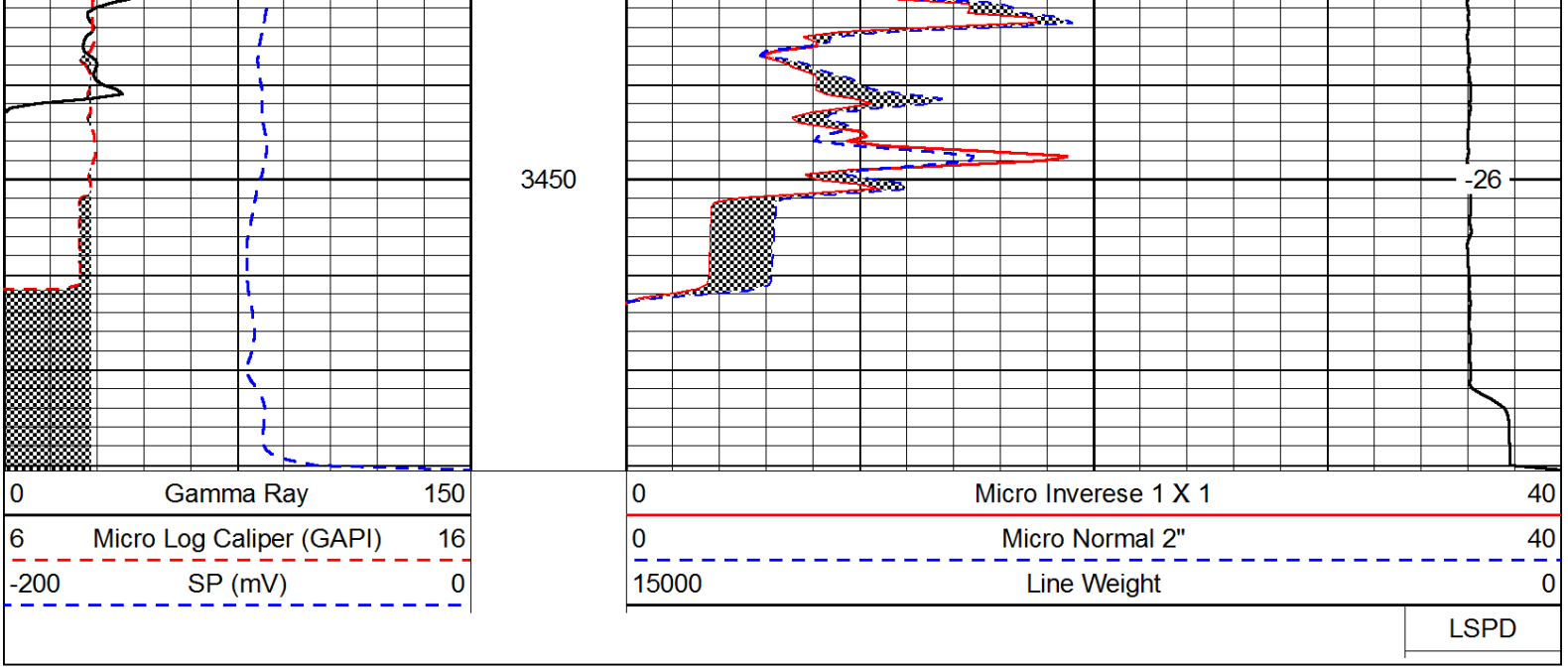
3350
3400
-33
-32
-32
-31


3450
-26
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