PIONEER

Pioneer Energy Services

Microresistivity Log

API No. 15-167-23,905-00-00

Company Russell Oil, Inc.

Well Steinle No. 3-32

Field

County Russell State Kansas

Location 330' FNL & 1,160' FEL

Sec: 32 Twp: 15S Rge: 14W

Other Services
CNL/CDL
DIL

Elevation
K.B. 1927
D.F.
G.L. 1915

Permanent Datum Ground Level Elevation 1915
Log Measured From Kelly Bushing 12 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date	10/22/2013		
Run Number	Two		
Depth Driller	3460		
Depth Logger	3460		
Bottom Logged Interval	3459		
Top Log Interval	2800		
Casing Driller	8.625 @ 931		
Casing Logger	930		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity,ppm CL	2500		
Density / Viscosity	9.0 52		
pH / Fluid Loss	10.0 6.8		
Source of Sample	Flowline		
Rm @ Meas. Temp	1.0 @ 76		
Rmf @ Meas. Temp	.75 @ 76		
Rmc @ Meas. Temp	1.35 @ 76		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.69 @ 111		
Operating Rig Time	4 Hours		
Max. Rec. Temp. F	111		
Equipment Number	108		
Location	Hays		
Recorded By	J. Long		
Witnessed By	Kitt Noah		

<<< Fold Here >>>

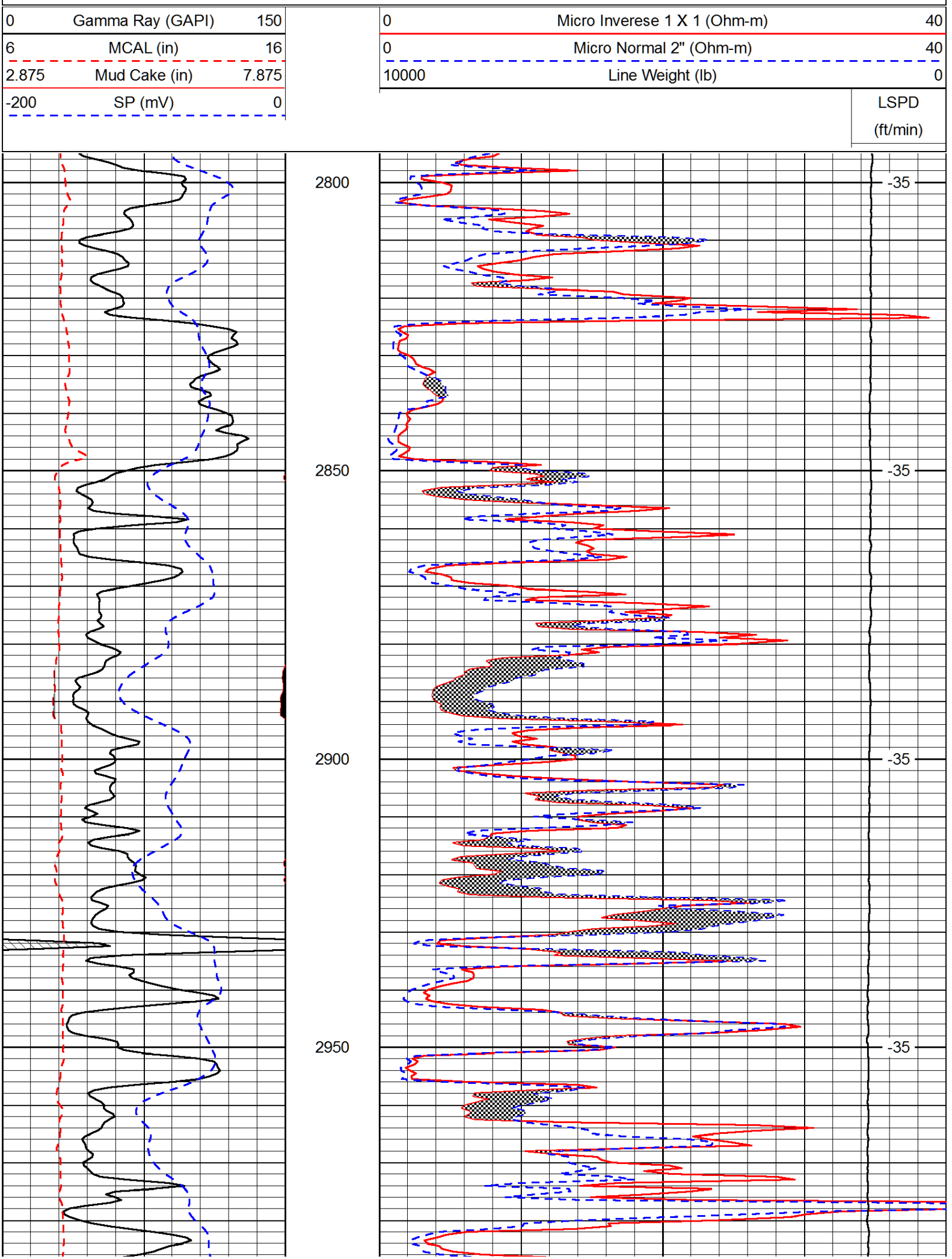
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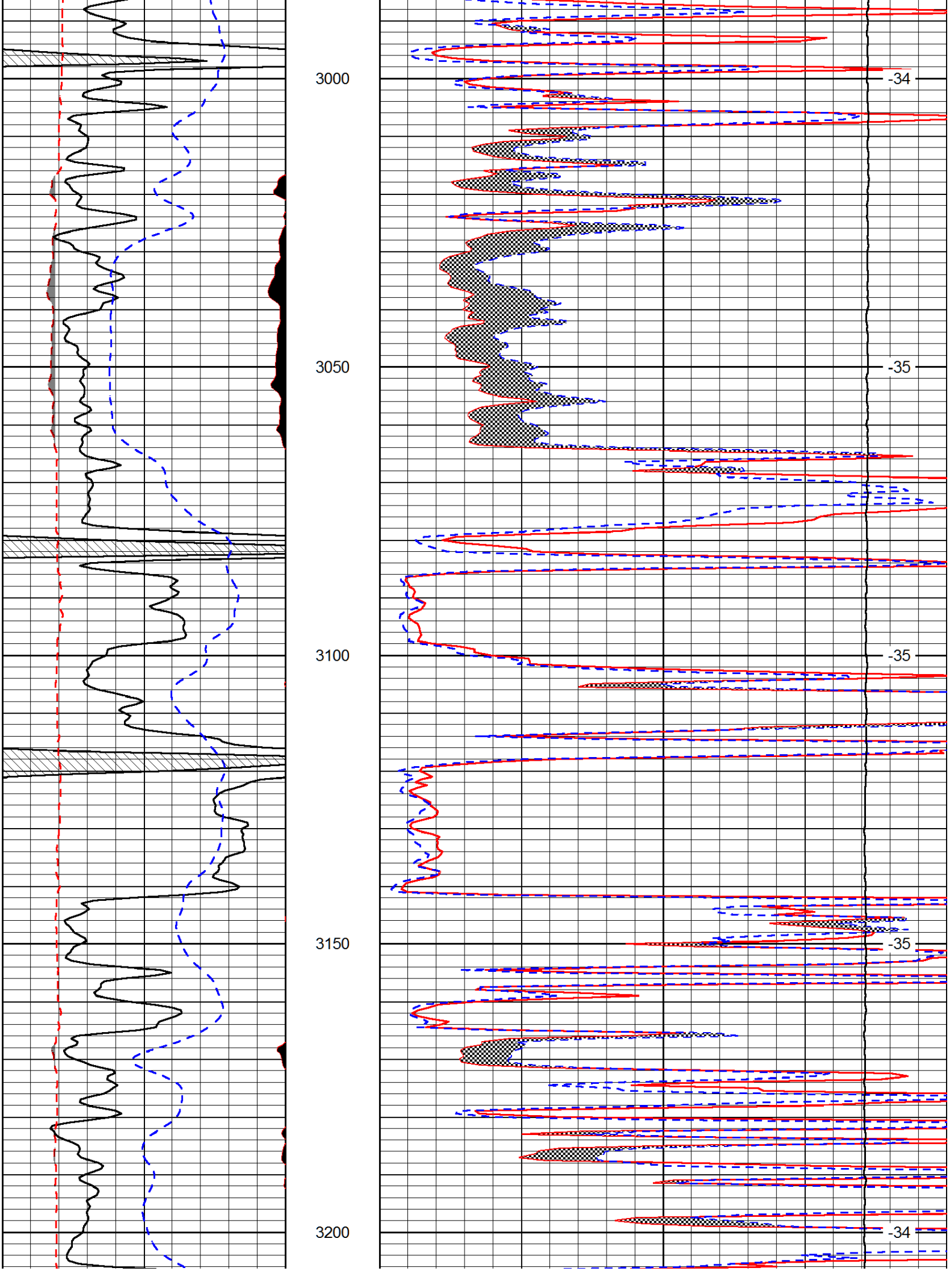
Comments

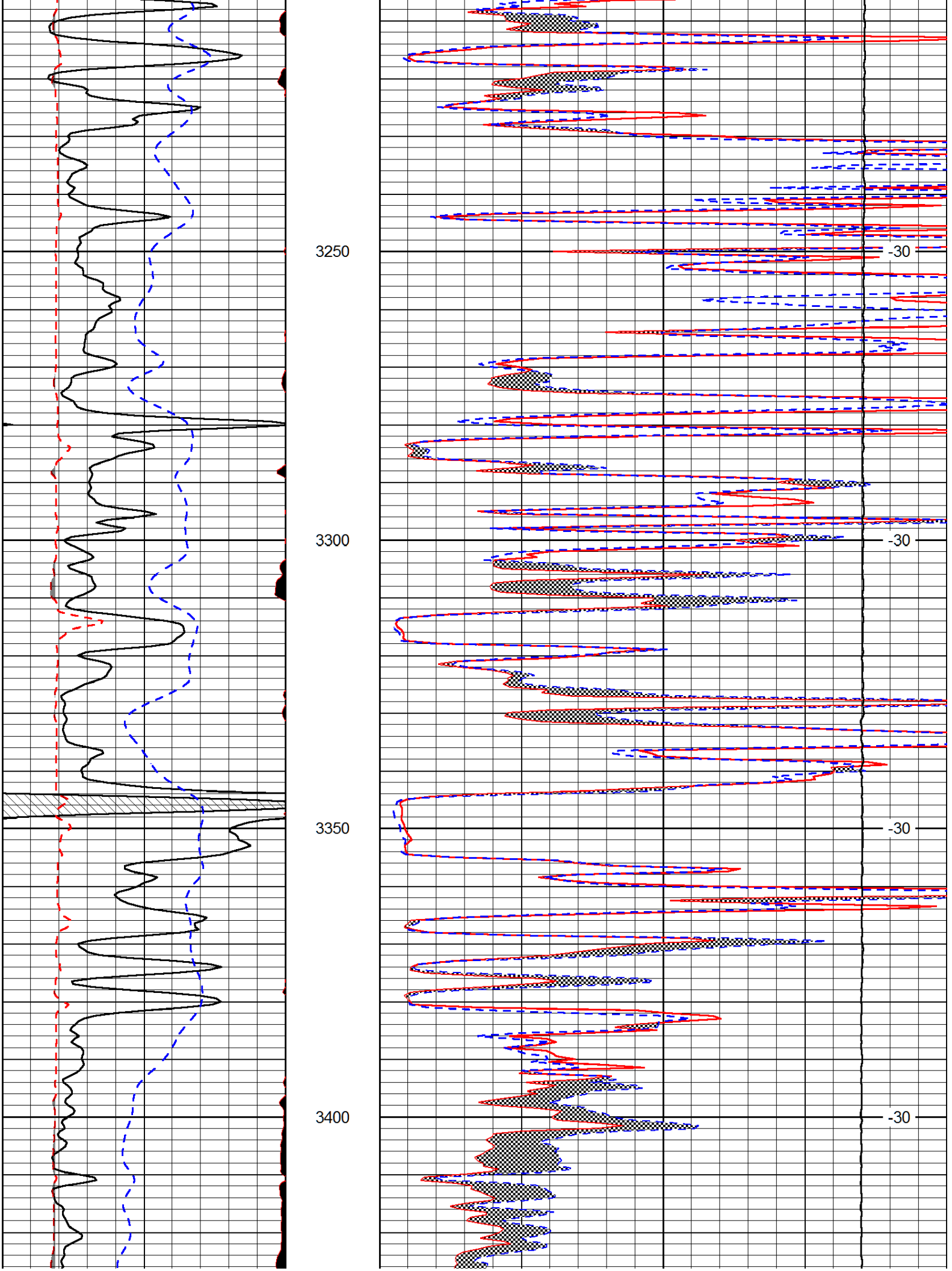
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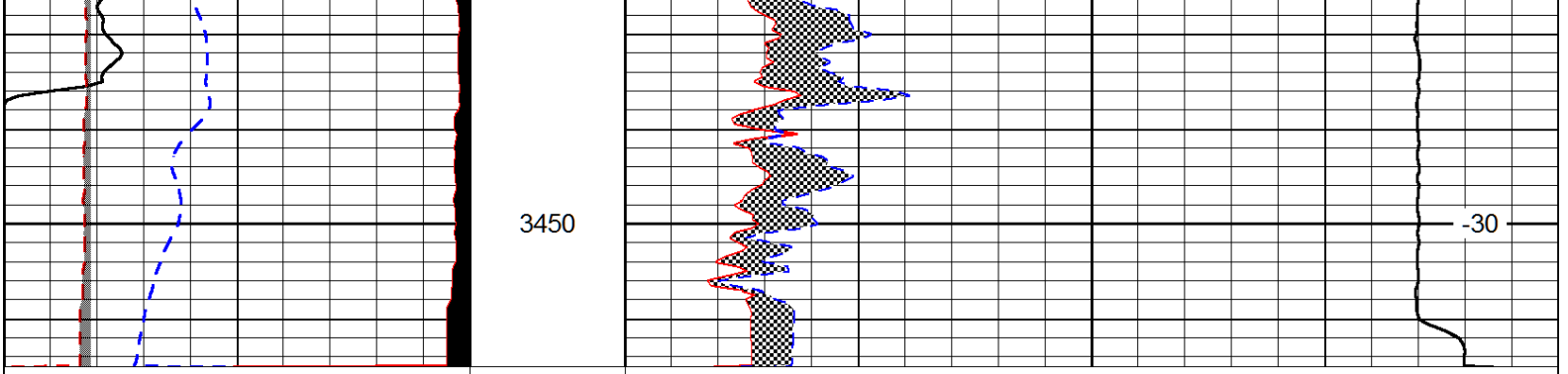
Milberger, 3/4 East, South Into

Database File:	russelloil_steinle_3-32hd.db
Dataset Pathname:	dil/russstck
Presentation Format:	micro
Dataset Creation:	Tue Oct 22 22:41:40 2013
Charted by:	Depth in Feet scaled 1:240


0 Gamma Ray (GAPI) 150
6 MCAL (in) 16
2.875 Mud Cake (in) 7.875
-200 SP (mV) 0
0 Micro Inverese 1 X 1 (Ohm-m) 40
0 Micro Normal 2" (Ohm-m) 40
10000 Line Weight (lb) 0
LSPD (ft/min)
2800
2850
2900
2950
-35
-35
-35
-35


3000
3050
3100
3150
3200
-34
-35
-35
-35
-34


3250
3300
3350
3400
-30
-30
-30
-30



0	Gamma Ray (GAPI)	150
6	MCAL (in)	16
2.875	Mud Cake (in)	7.875
-200	SP (mV)	0

0	Micro Inverese 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0

LSPD (ft/min)