



Pioneer Energy Services

# Microresistivity Log

Company **Weber Four Oil Company, Inc.**

Well **Holder 'A' No. 5**

Field **Kraft-Prusa**

County **Barton** State **Kansas**

Location **NW-NW-SE  
2310' FSL & 2310' FEL**

Sec: **12** Twp: **16S** Rge: **12W**

Other Services  
CNL/CDL  
DIL

Elevation  
K.B. 1895  
D.F. 1885  
G.L. 1885

15-009-26,081-00-00

Permanent Datum	Ground Level	Elevation 1885
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	
Date		2/8/15
Run Number		Two
Depth Driller		3371
Depth Logger		3372
Bottom Logged Interval		3371
Top Log Interval		2700
Casing Driller		8.625 @ 430
Casing Logger		434
Bit Size		7.875
Type Fluid in Hole		Chemical
Salinity, ppm CL		4.000
Density / Viscosity		9.2 49
pH / Fluid Loss		10.0 8.0
Source of Sample		Flowline
Rm @ Meas. Temp		.65 @ 65
Rmf @ Meas. Temp		.49 @ 65
Rmc @ Meas. Temp		.88 @ 65
Source of Rmf / Rmc		Charts
Rm @ BHT		.39 @ 110
Operating Rig Time		3 Hours
Max Rec. Temp. F		110
Equipment Number		91
Location		Hays
Recorded By		J. Henrickson
Witnessed By		Wyatt Urban

<<< 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.  
(785) 625-3858

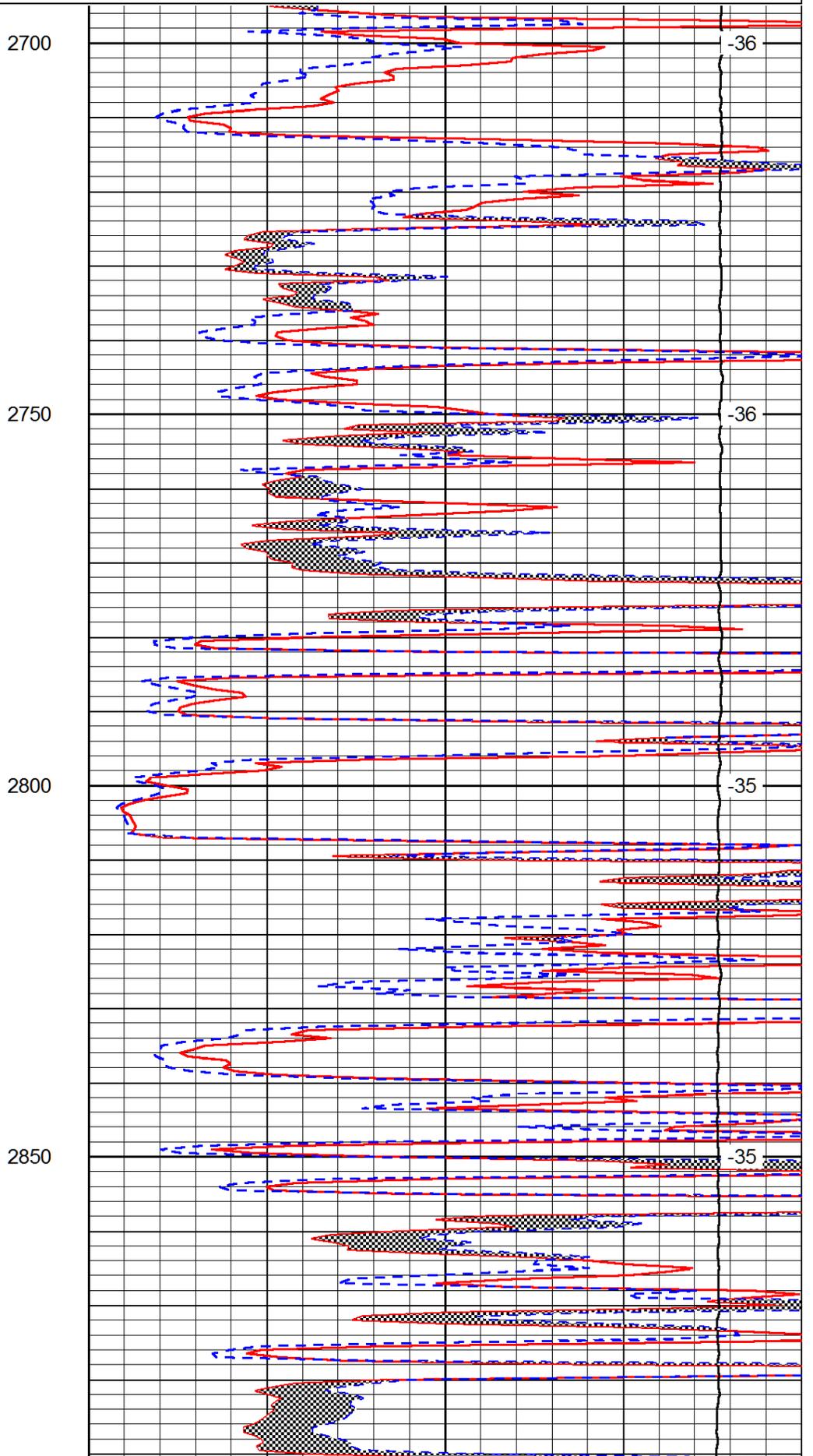
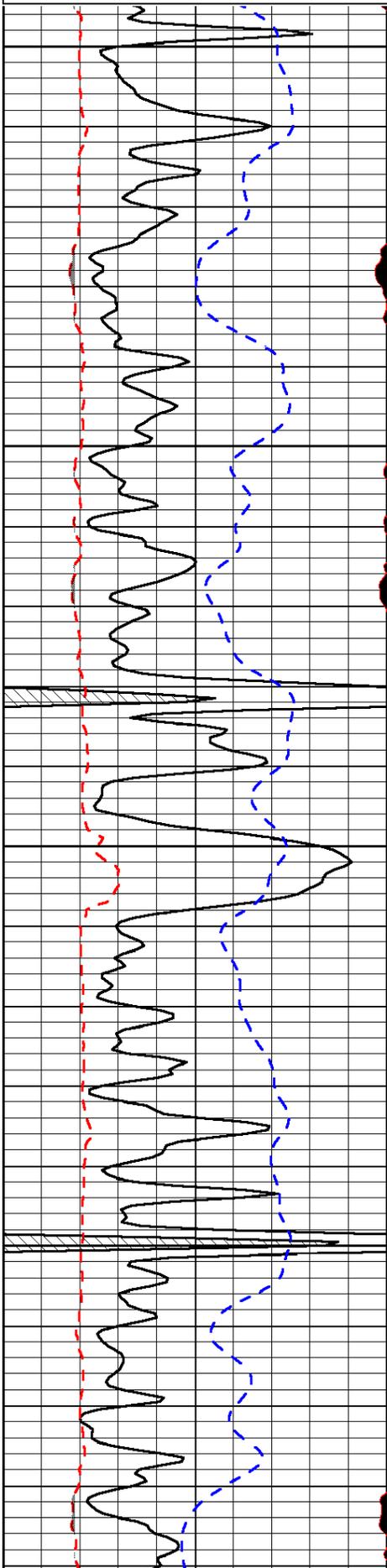
Odin Kansas  
7 North, 1 East, 1/2 North, West Into

Database File: weberfouroil\_holder\_a\_5hd.db  
 Dataset Pathname: DIL/webstk  
 Presentation Format: micro  
 Dataset Creation: Sun Feb 08 10:38:44 2015  
 Charted by: Depth in Feet scaled 1:240

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

0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
10000	Line Weight	0

LSPD



2700

-36

2750

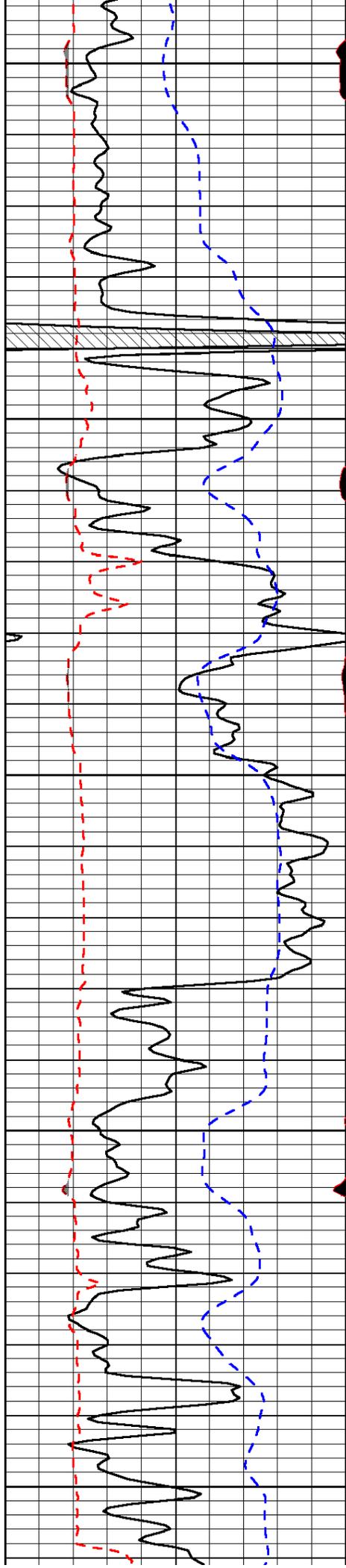
-36

2800

-35

2850

-35



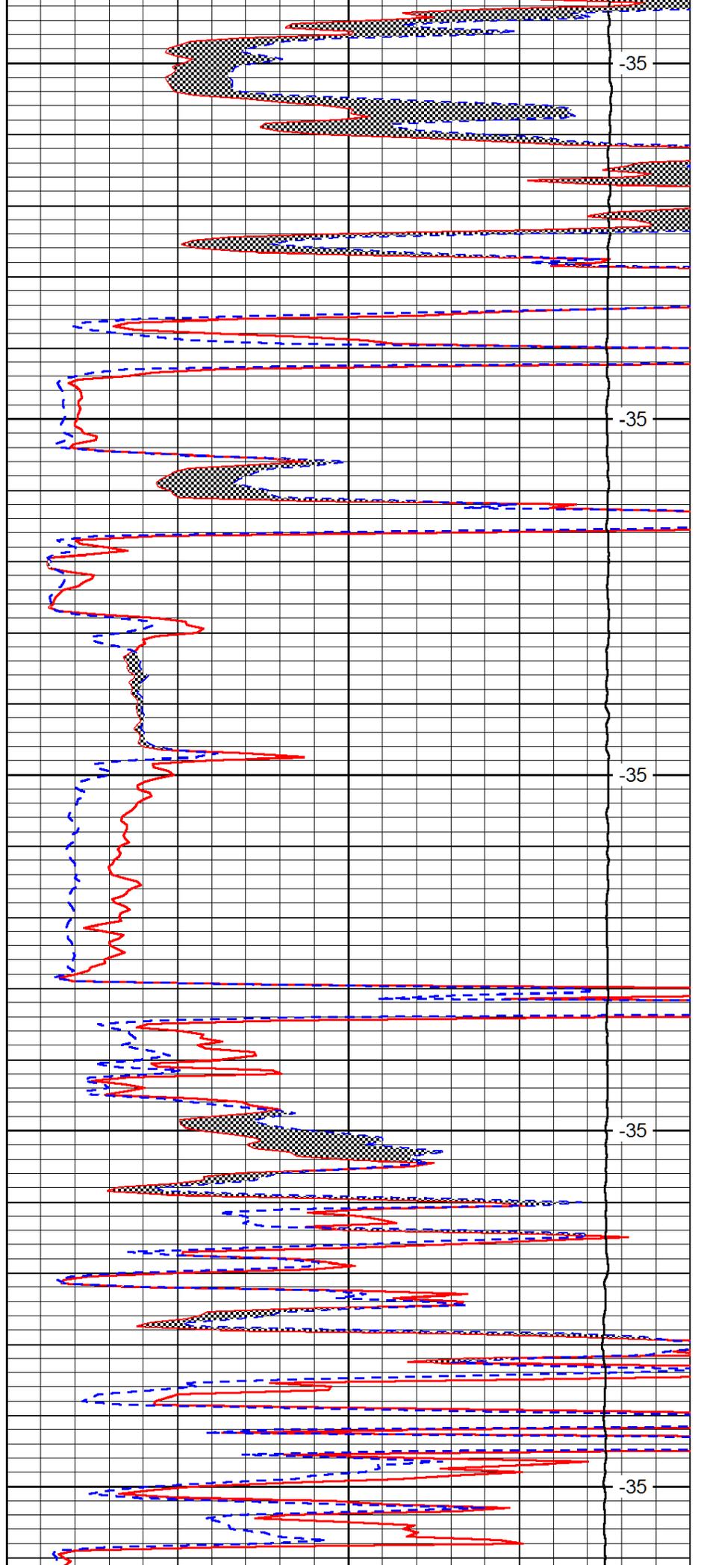
2900

2950

3000

3050

3100



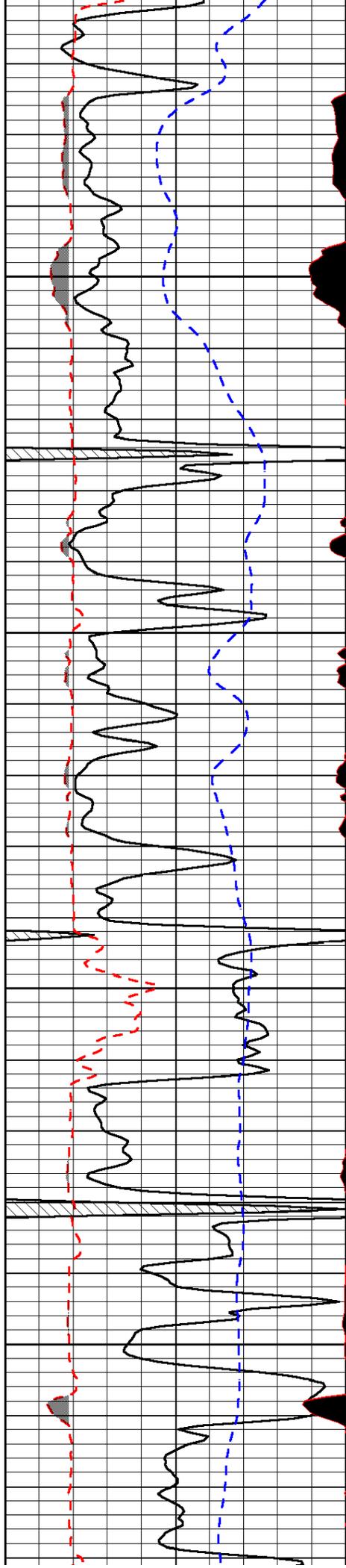
-35

-35

-35

-35

-35

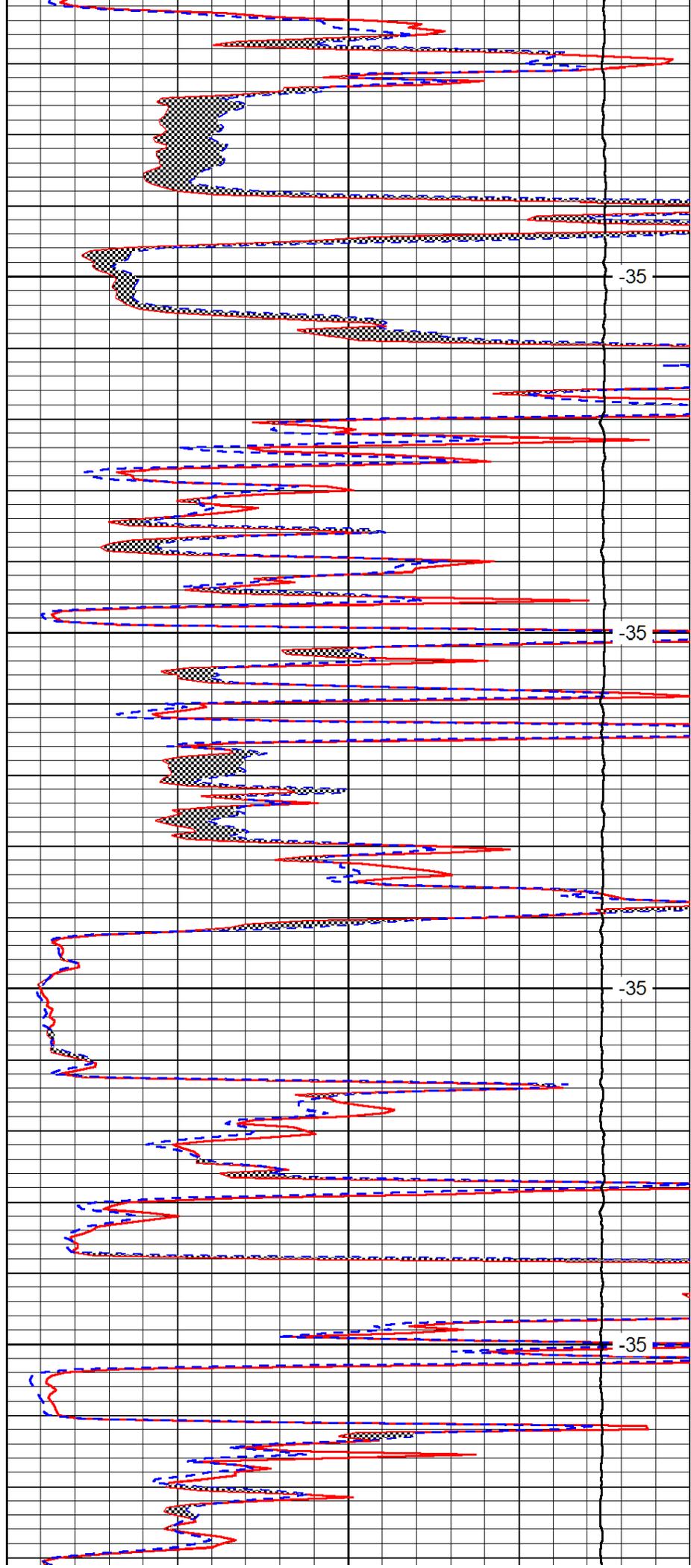


3150

3200

3250

3300

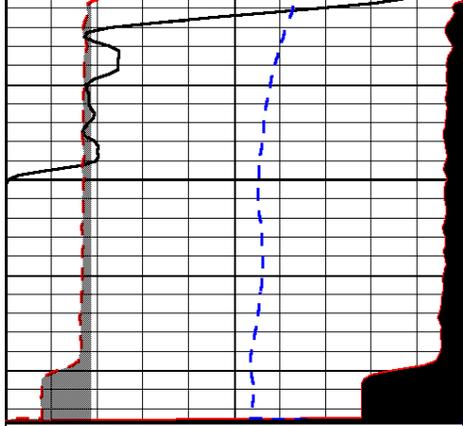


-35

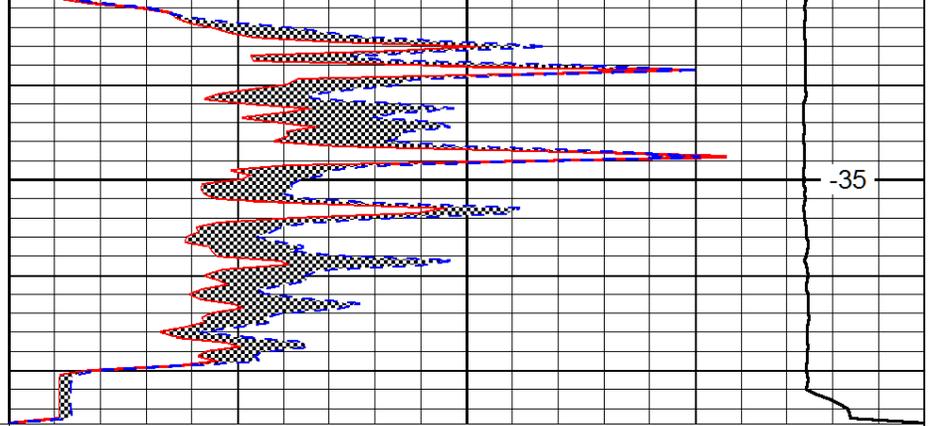
-35

-35

-35



3350



-35

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

0	Micro Inverse 1 X 1	40
0	Micro Normal 2''	40
10000	Line Weight	0

LSPD