

PIONEER
Pioneer Energy Services

**MICRORESISTIVITY
LOG**

Company	RJM COMPANY
Well	BARTON COUNTY NO. 1
Field	WILDCAT
County	BARTON
State	KANSAS

Location:	API # : 15-009-26,129-00-00	Other Services
Permanent Datum	N2 NW SW NE	CNL/CDL
Log Measured From	1,500' FNL & 2,310' FEL	DIL/BHCS
Drilling Measured From	SEC 12 TWP 19S RGE 13W	

Date	11/10/2015		
Run Number	TWO		
Depth Driller	3530'		
Depth Logger	3528'		
Bottom Logged Interval	3527'		
Top Log Interval	2700'		
Casing Driller	8.625" @ 305'		
Casing Logger	302'		
Bit Size	7.875"		
Type Fluid in Hole	CHEMICAL		
Salinity ,ppm CL	7600		
Density / Viscosity	9.4	48	
pH / Fluid Loss	8.5	10.4	
Source of Sample	Flowline		
Rm @ Meas. Temp	.30 @ 66		
Rmt @ Meas. Temp	.23 @ 66		
Rmc @ Meas. Temp	.41 @ 66		
Source of Rmt / Rmc	Charts		
Rm @ BHT	.18 @ 111		
Operating Rig Time	4 HOURS		
Max Rec. Temp. F	111		
Equipment Number	108		
Location	Hays		
Recorded By	J. LONG		
Witnessed By	WYATT URBAN		

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not 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.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

HOISINGTON, 8 SOUTH TO NE 30TH ROAD, EAST TO NE 40TH AVENUE, 1 NORTH 1/2 WEST, SOUTH INTO

Log Measured From: KELLY BUSHING

6 Ft. Above Permanent Datum

THANK YOU FOR USING PIONEER ENERGY SERVICES

www.pioneerenergy.com785-625-3858

Your Pioneer Energy Services Crew

Engineer: J. LONG

Operator:

Operator:

Operator:

This Log Record Was Witnessed By

Primary Witness: WYATT URBAN

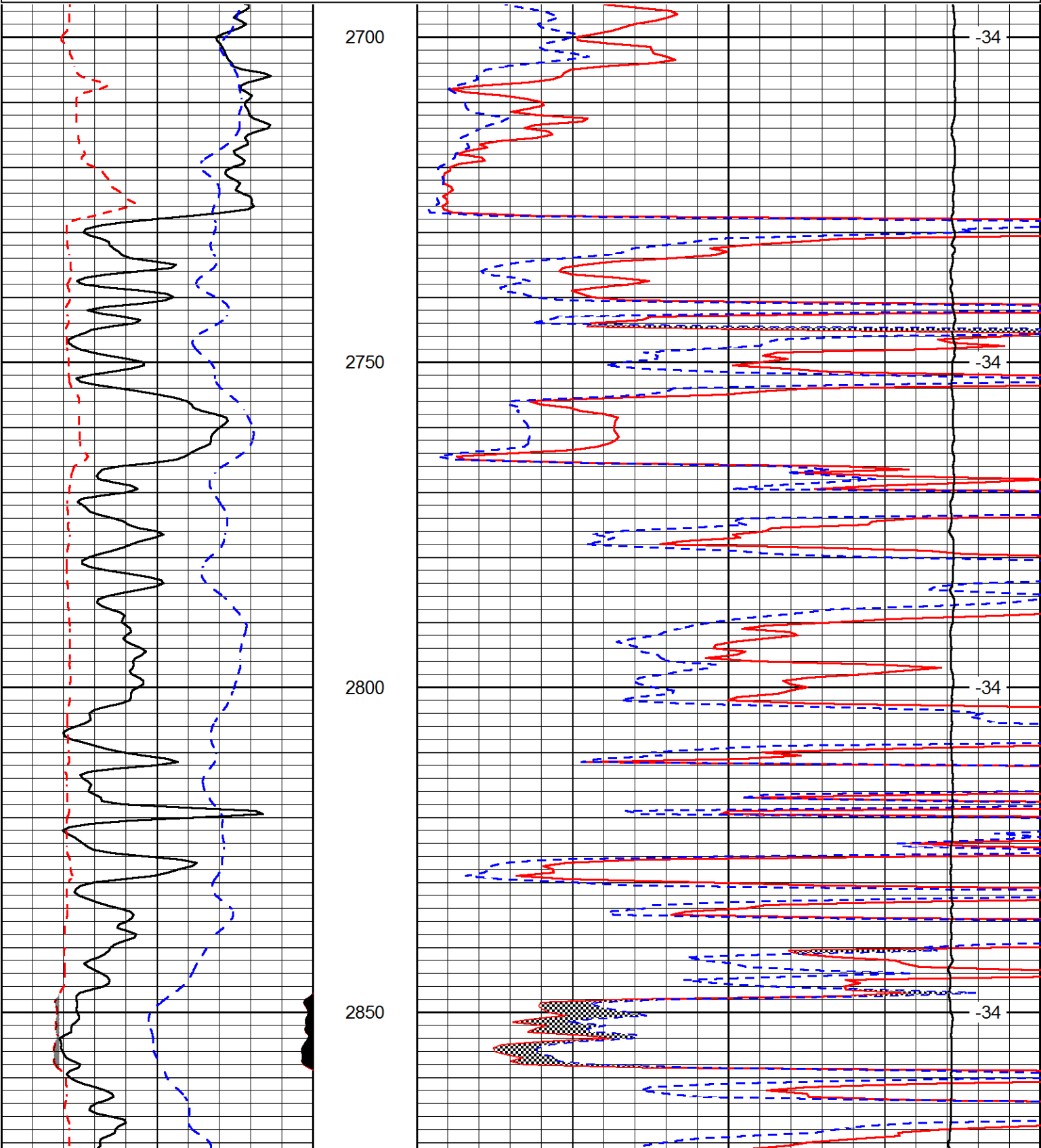
Secondary Witness:

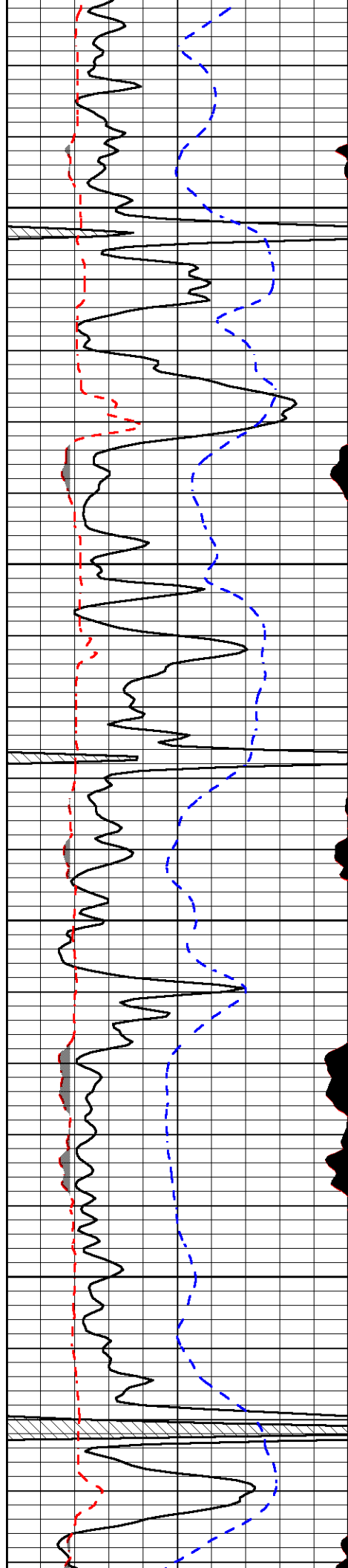
Secondary Witness:

Secondary Witness:

Database File	rjm_bartoncounty_1hd.db
Dataset Pathname	DIL/rjmstck
Presentation Format	micro
Dataset Creation	Tue Nov 10 07:54:34 2015
Charted by	Depth in Feet scaled 1:240

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



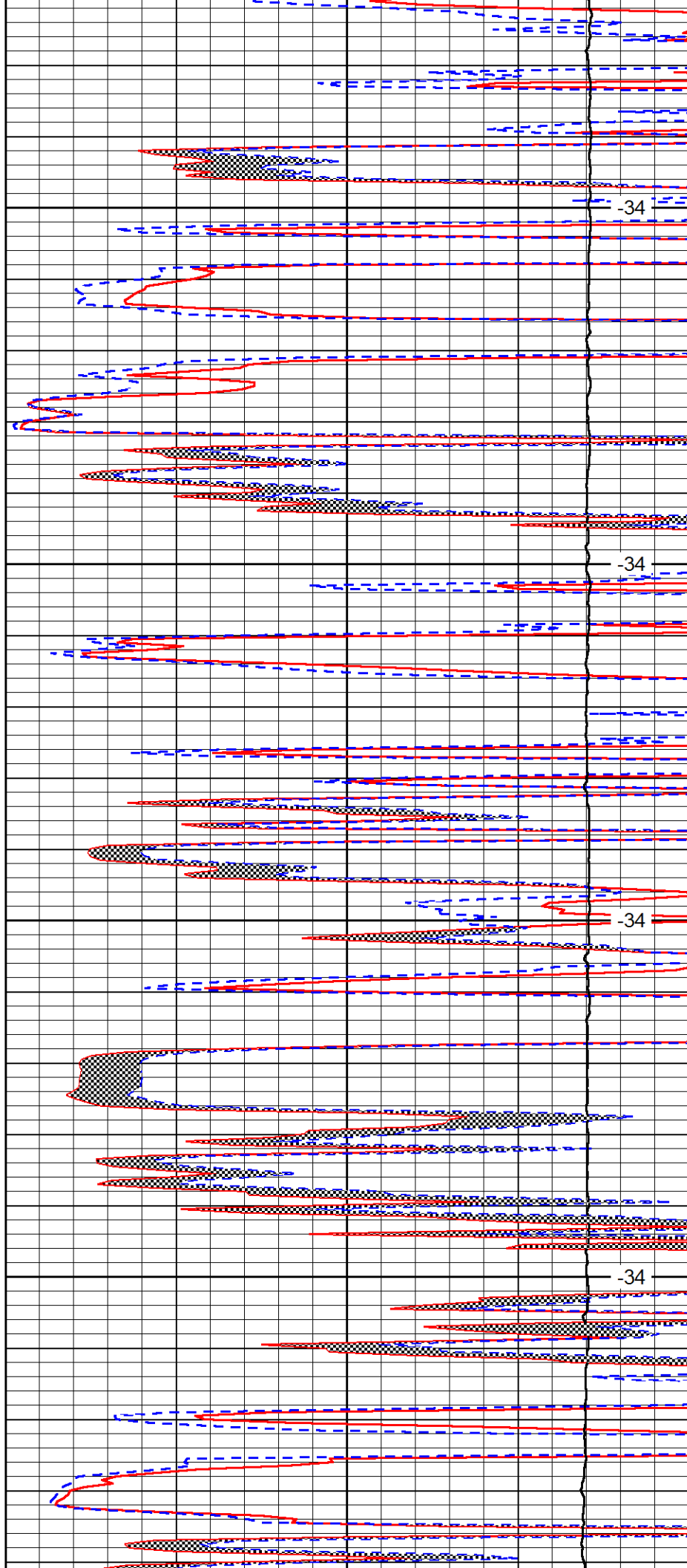


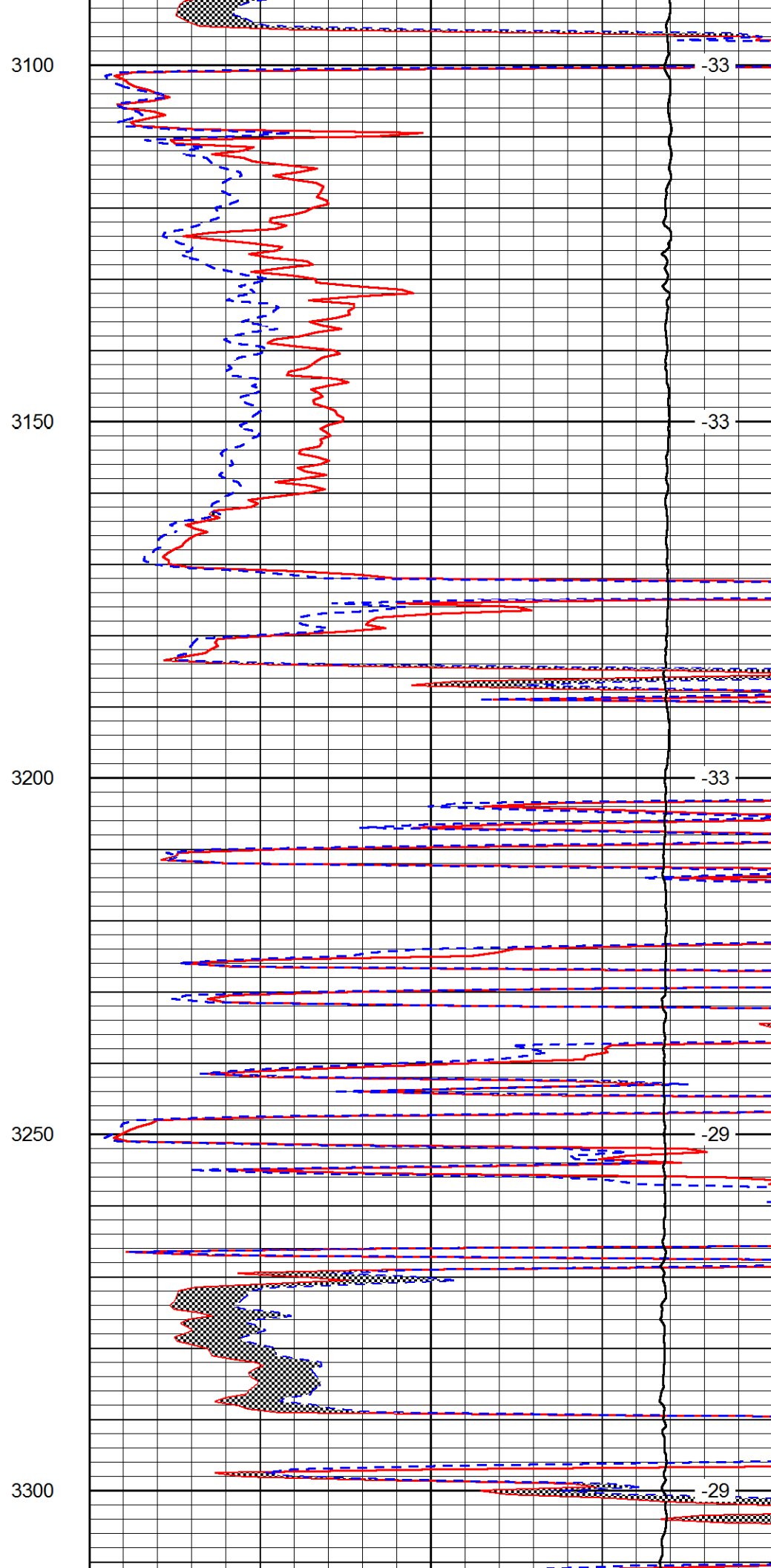
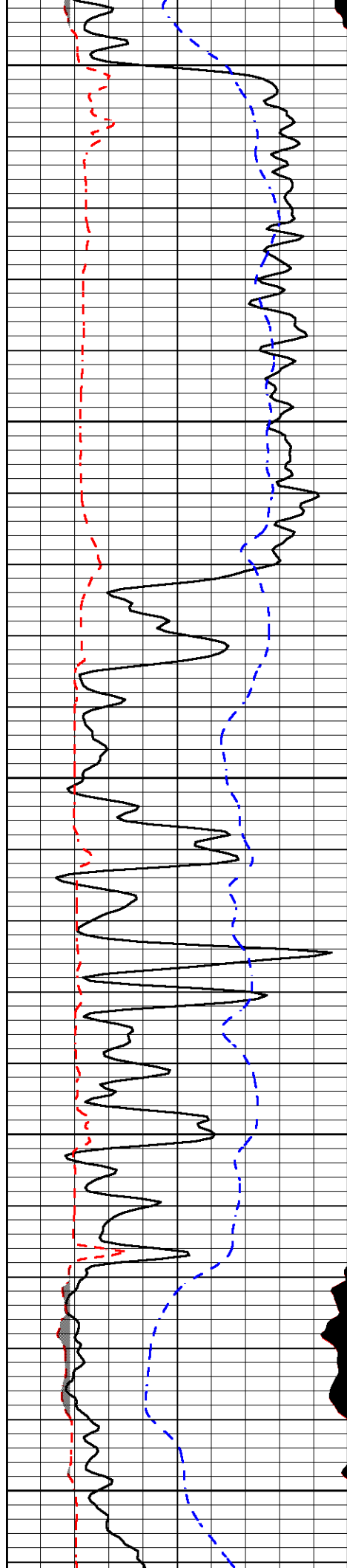
2900

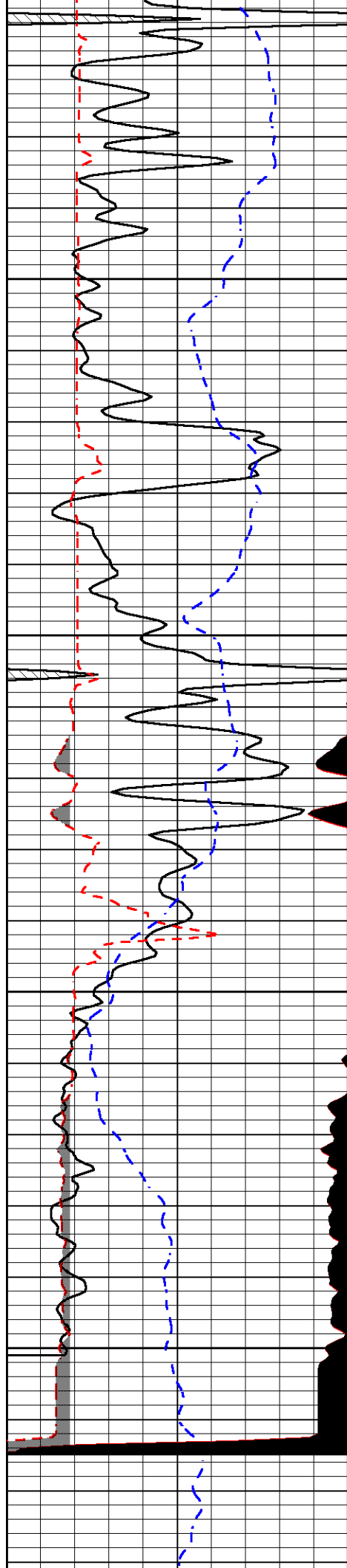
2950

3000

3050





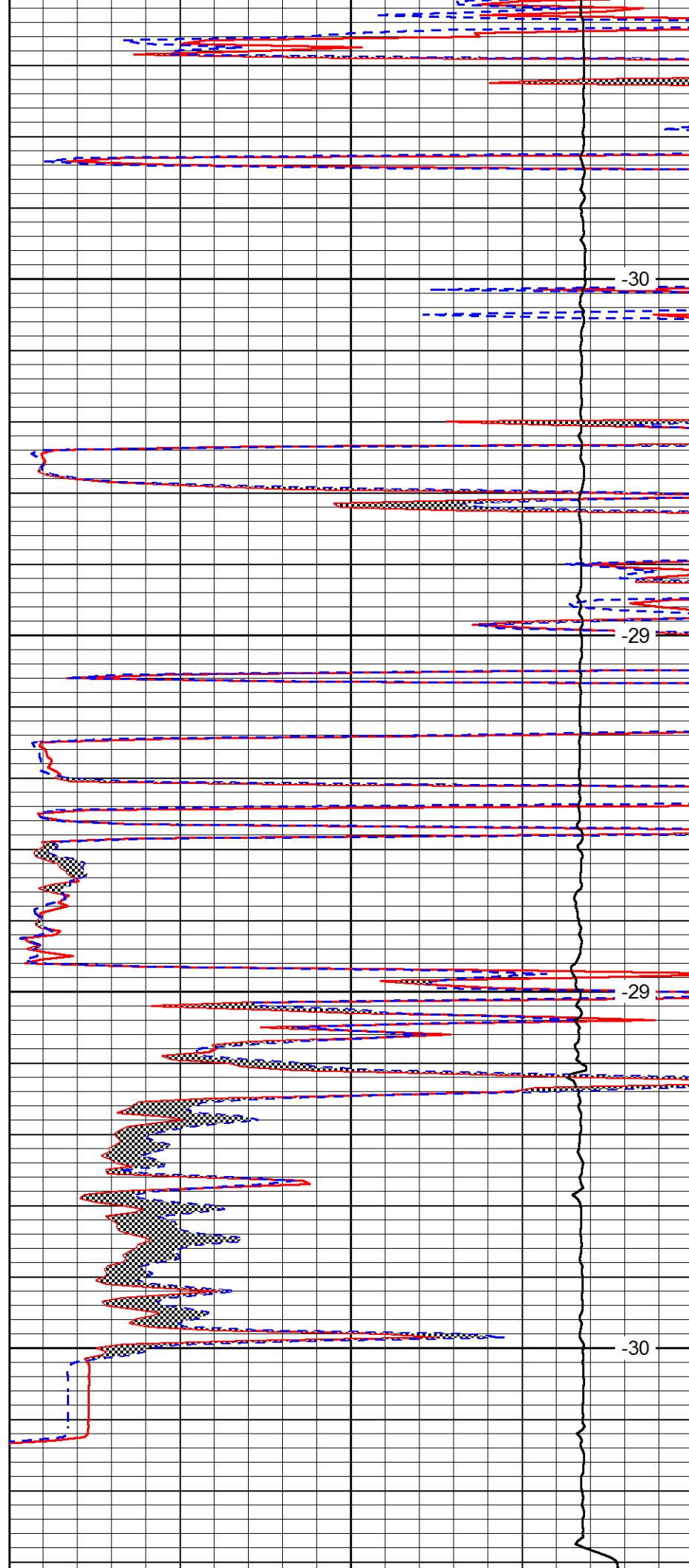


3350

3400

3450

3500



-30

-29

-29

-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)