

PIONEER
Pioneer Energy Services

**MICRORESISTIVITY
LOG**

CompanyPALOMINO PETROLEUM, INC.
WellB&F OTTLEY NO.1
FieldWILDCAT
CountyGOVE
StateKANSAS

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WellB&F OTTLEY NO.1
FieldWILDCAT
CountyGOVE
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Location:
API #: 15-063-22,260-00-00

2045' FNL & 1299' FWL
SEC 31 TWP 13S RGE 30W

Other Services
CNL/CDL
DIL

Permanent DatumGROUND LEVEL Elevation 2783
Log Measured FromKELLY BUSHING
Drilling Measured FromKELLY BUSHING

K.B. 2788
D.F. N/A
G.L. 2783

Date	7/2/2015		
Run Number	TWO		
Depth Driller	4597		
Depth Logger	4595		
Bottom Logged Interval	4594		
Top Log Interval	3500		
Casing Driller	8,625 @ 217		
Casing Logger	217		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL		
Salinity,ppm CL	4,000		
Density / Viscosity	9.3 64		
pH / Fluid Loss	9.0 10.4		
Source of Sample	Flowline		
Rm @ Meas. Temp	.8 @ 75		
Rmt @ Meas. Temp	.6 @ 75		
Rmc @ Meas. Temp	1.08 @ 75		
Source of Rmt/ Rmc	Charts		
Rm @ BHT	.49 @ 122		
Operating Rig Time	4 HOURS		
Max Rec. Temp. F	122		
Equipment Number	51		
Location	Hays		
Recorded By	C. DESAIRE	K. PFANNENSTIEL	
Witnessed By	RYAN SEIB		

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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.

GOVE KS, 10 S, 10 W,
5 N, 1/4 E, S INTO

Log Measured From: KELLY BUSHING

5 Ft. Above Permanent Datum

THANK YOU FOR USING PIONEER ENERGY SERVICES

www.pioneerres.com785-625-3858

Your Pioneer Energy Services Crew

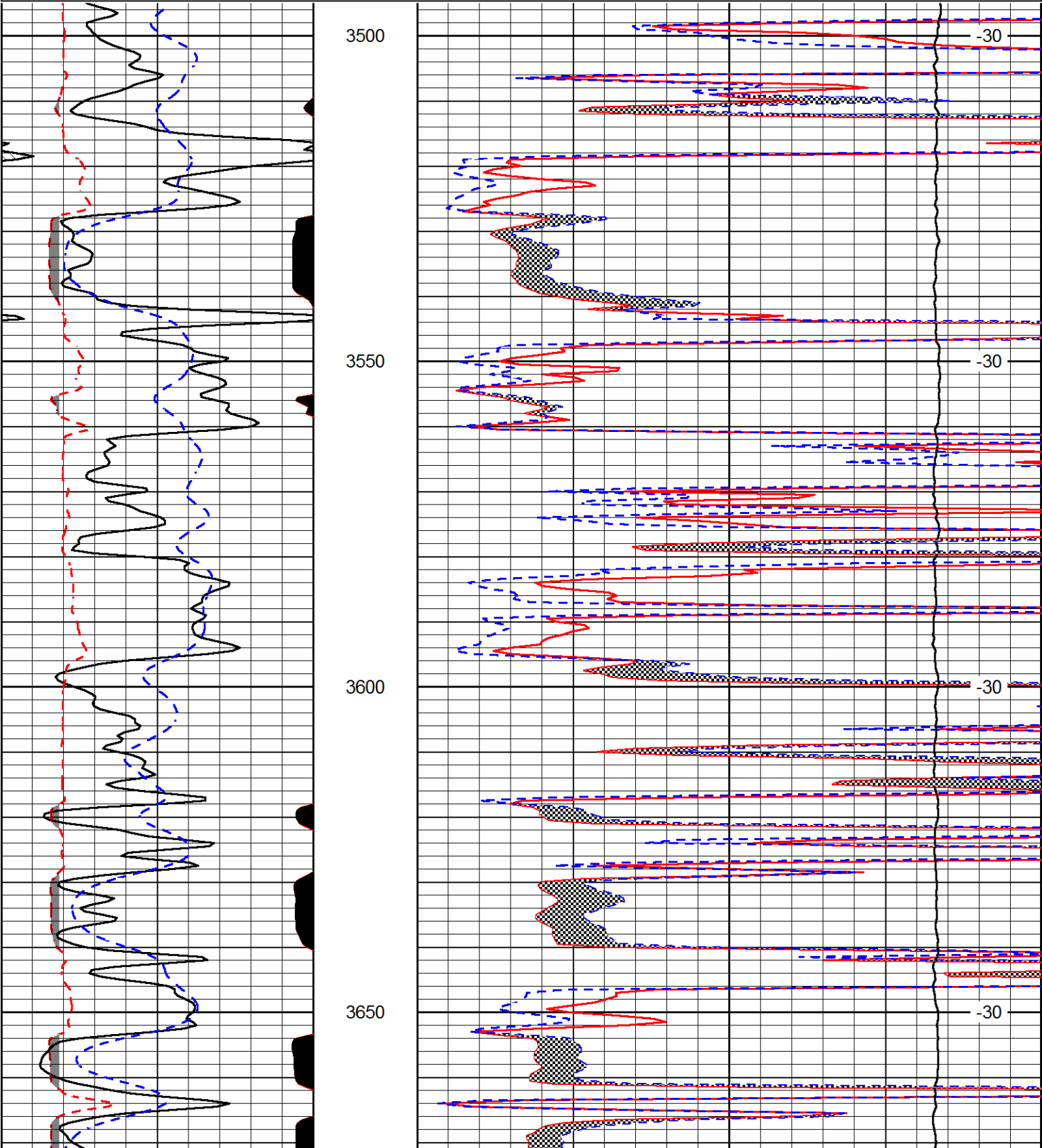
Engineer: C. DESAIRE
Operator: K. PFANNENSTIEL
Operator:
Operator:

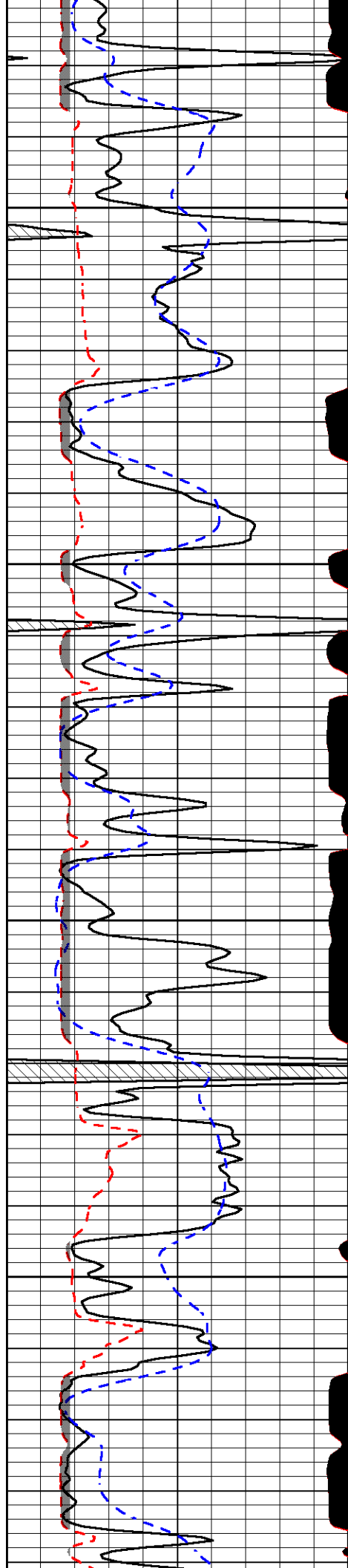
This Log Record Was Witnessed By

Primary Witness: RYAN SEIB
Secondary Witness:
Secondary Witness:
Secondary Witness:

Database File	palhd.db
Dataset Pathname	DIL/palstk
Presentation Format	micro
Dataset Creation	Thu Jul 02 12:25:24 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)



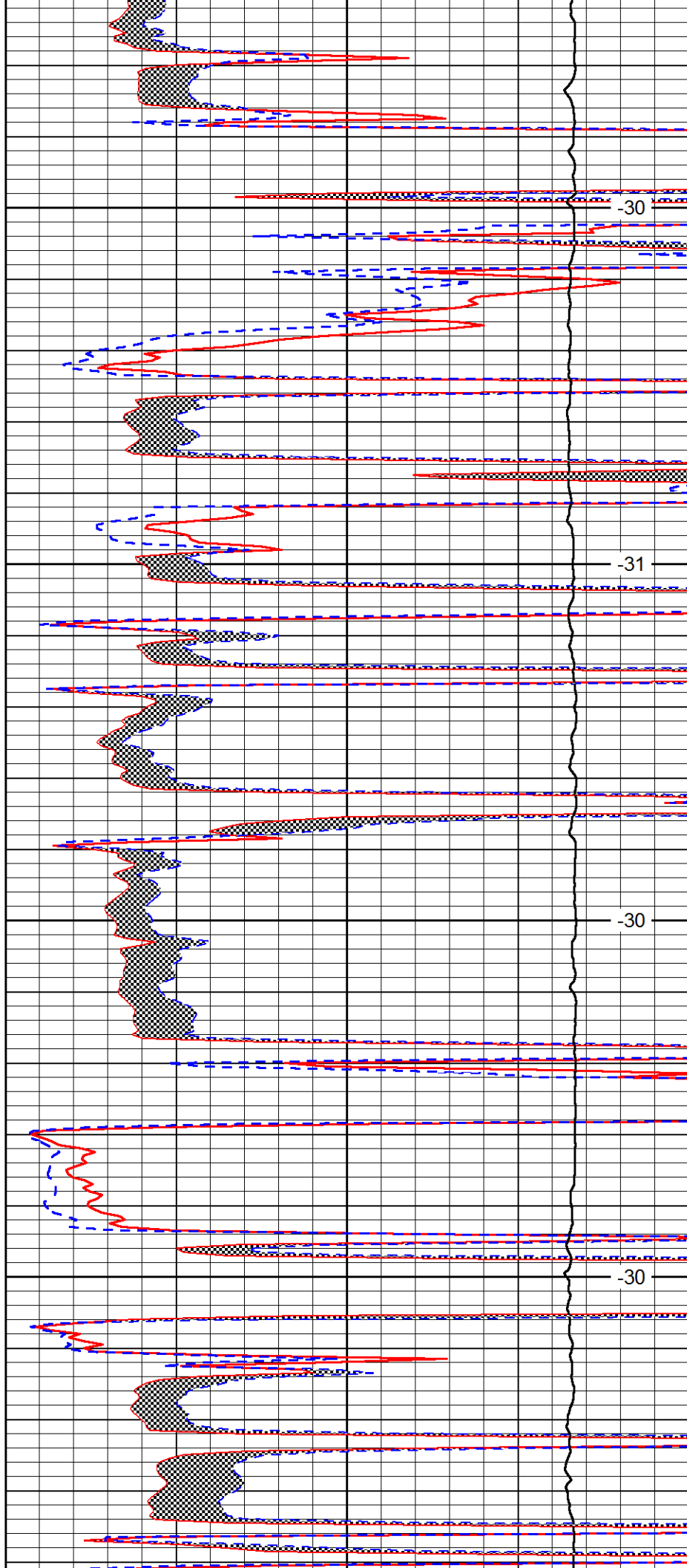


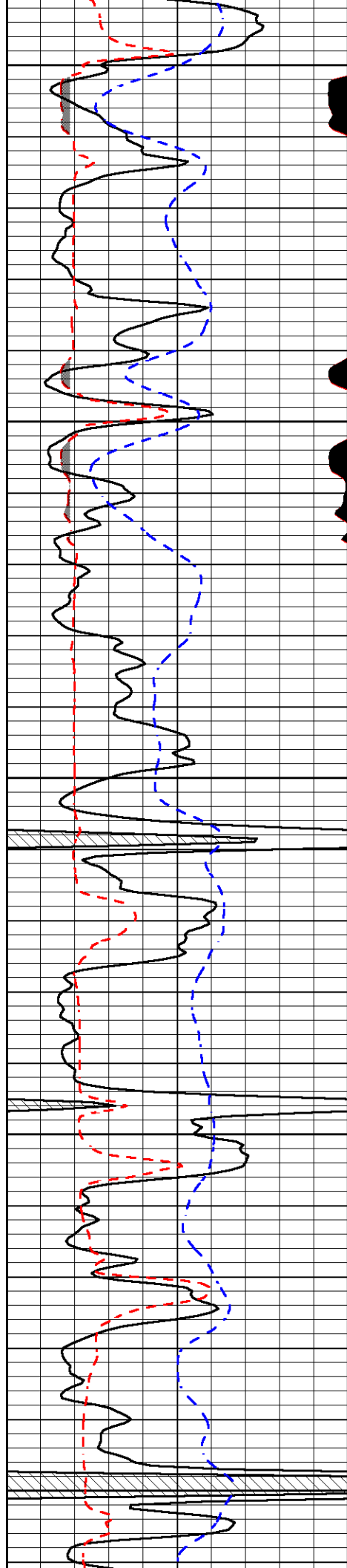
3700

3750

3800

3850





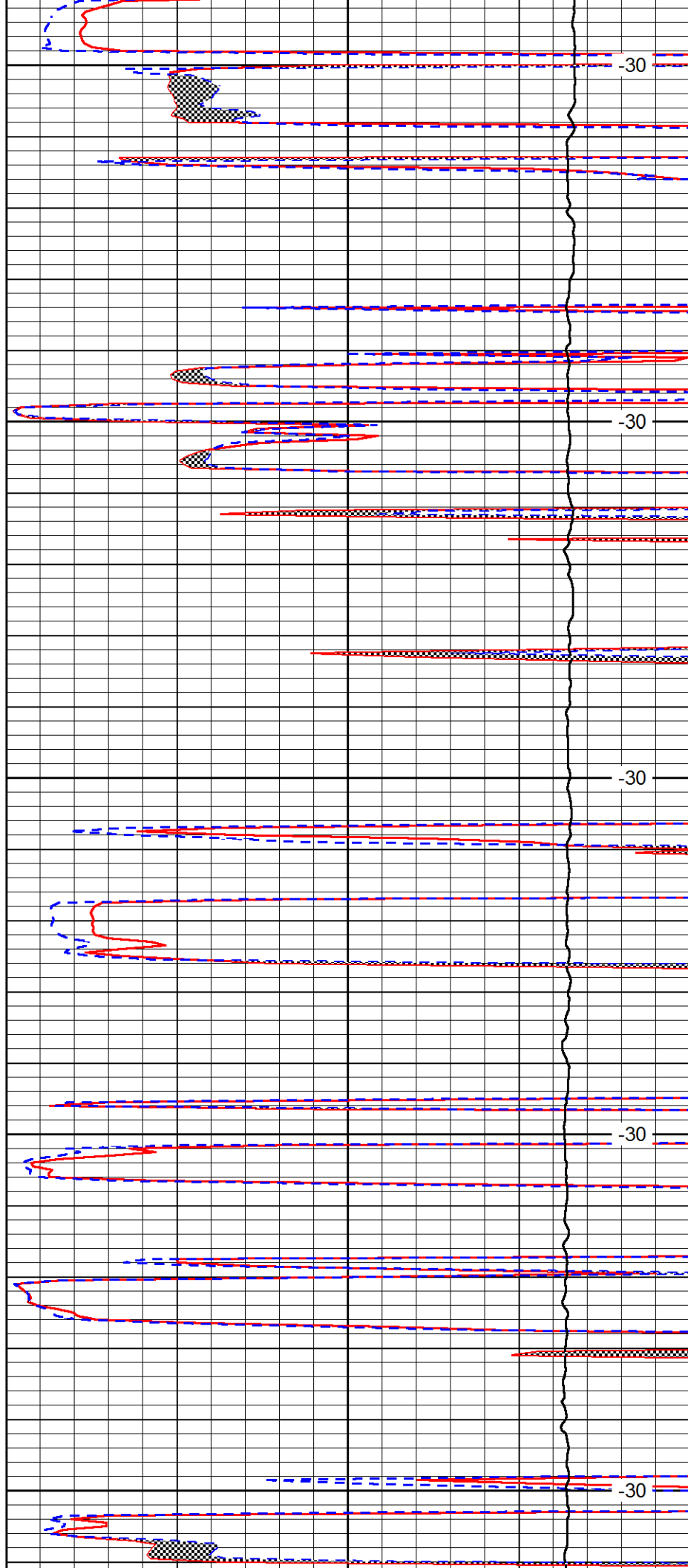
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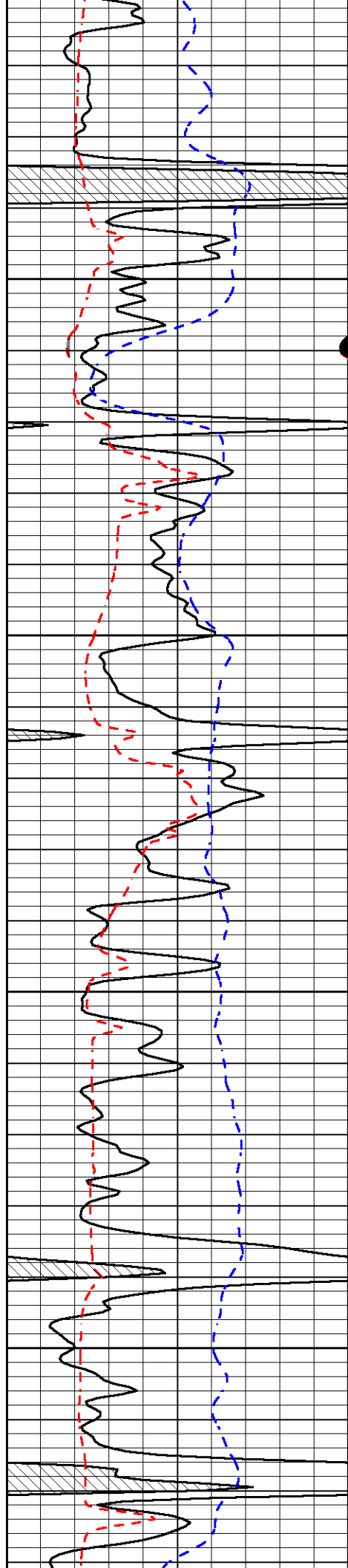
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4000

4050

4100



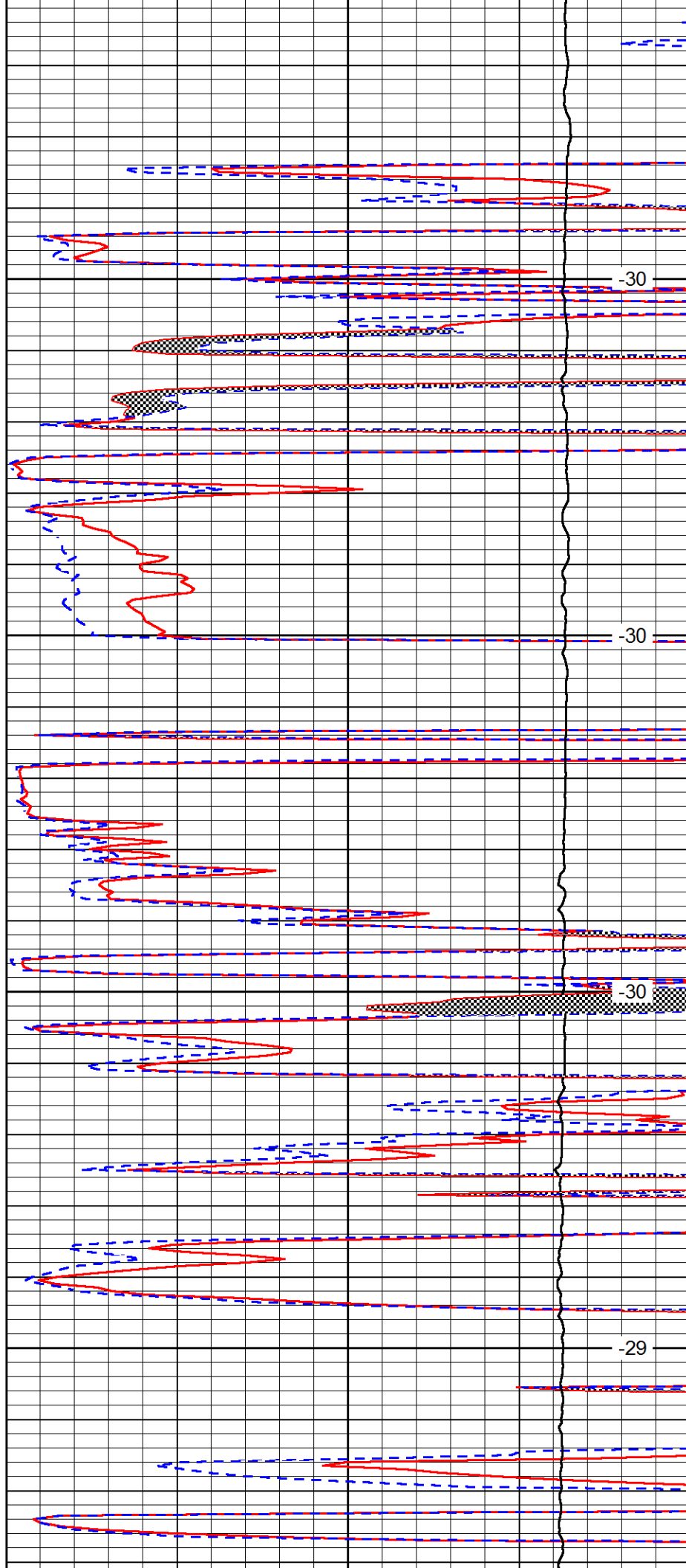


4150

4200

4250

4300

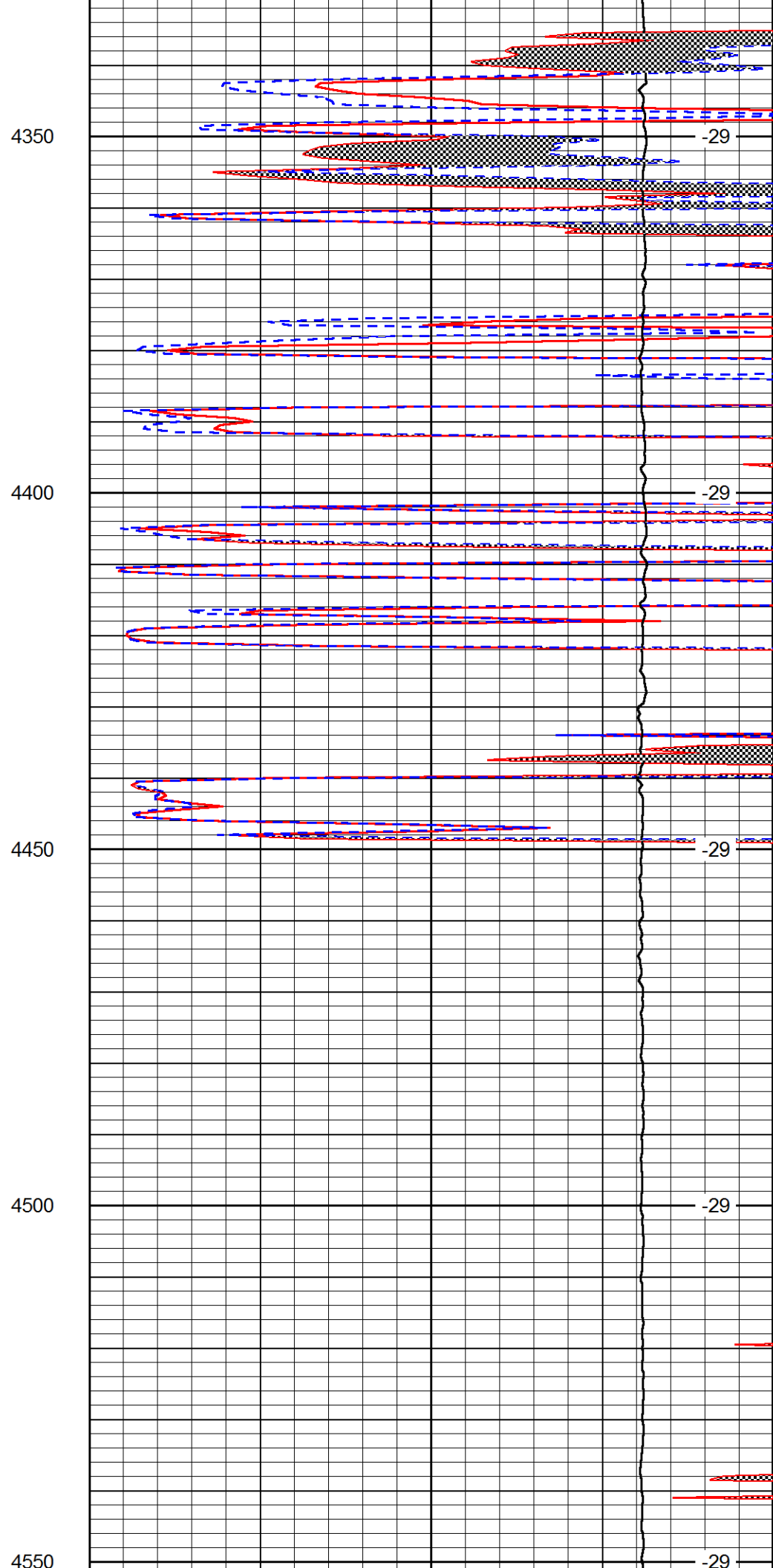
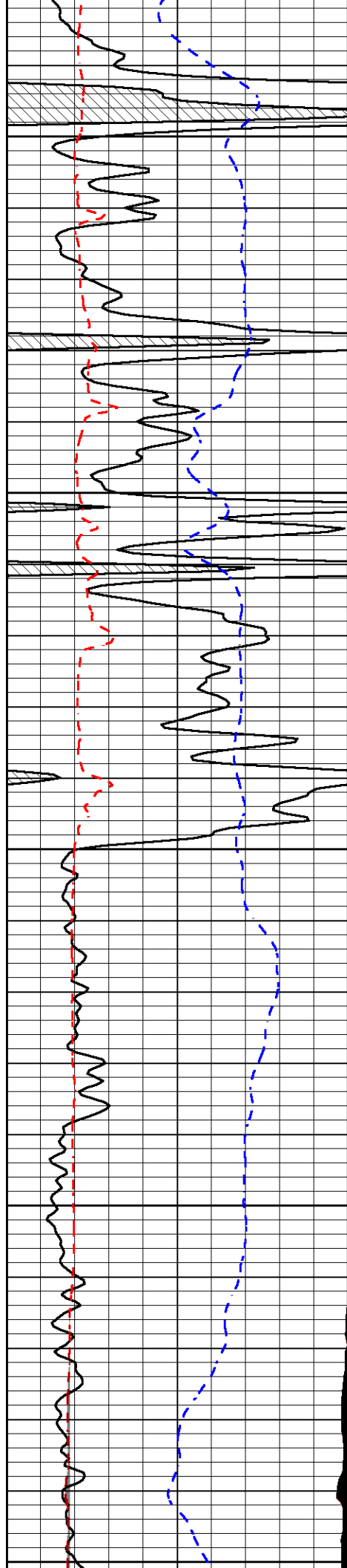


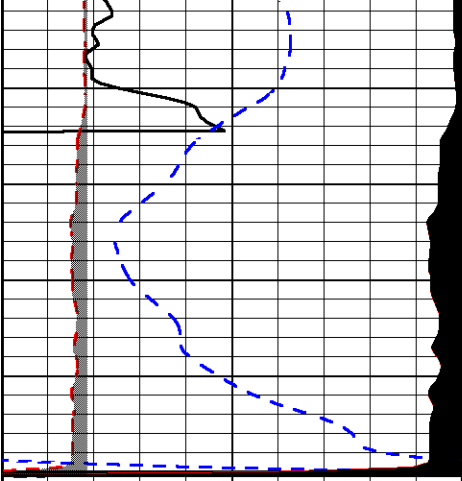
-30

-30

-30

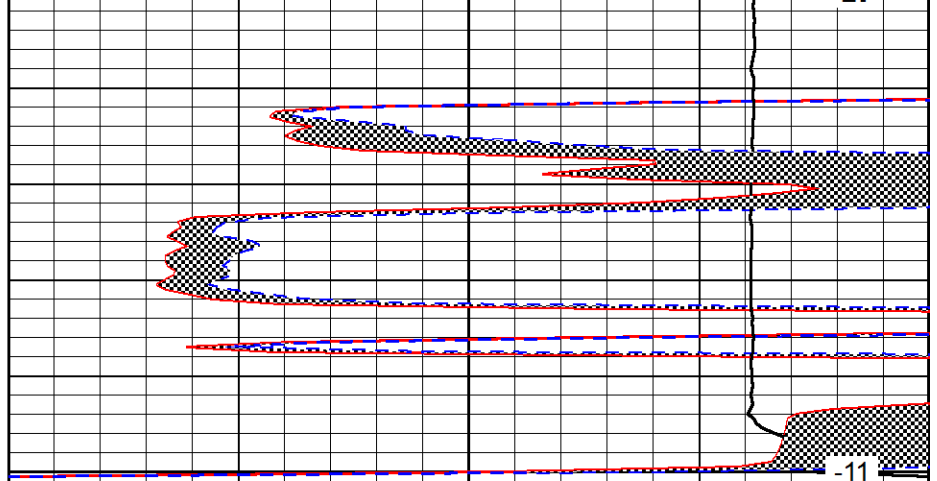
-29





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

4600



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

LSPD
(ft/min)