

PIONEER
Pioneer Energy Services

**MICRORESISTIVITY
LOG**

CompanySUEMAUR EXPLOR. & PROD., LLC		Company SUEMAUR EXPLOR. & PROD., LLC.	
Well	SCHROEDER #1	Well	SCHROEDER #1
Field	WILDCAT	Field	WILDCAT
County	SHERIDAN	County	SHERIDAN
State	KANSAS	State	KANSAS
Location:		Location:	API # : 15-179-21414-00-00
SEC 26 TWP 6S RGE 28W		Other Services	
Permanent Datum	GROUND LEVEL	Elevation	2728'
Log Measured From	KELLY BUSHING	K.B.	2733'
Drilling Measured From	KELLY BUSHING	D.F.	N/A
		G.L.	2728'
Date	12-17-2015		
Run Number	TWO		
Depth Driller	4475'		
Depth Logger	4476'		
Bottom Logged Interval	4475'		
Top Log Interval	3300'		
Casing Driller	8.625" @ 346'		
Casing Logger	345'		
Bit Size	7.875"		
Type Fluid in Hole	CHEMICAL		
Salinity ,ppm CL	900		
Density / Viscosity	9.5	65	
pH / Fluid Loss	10.5	6.0	
Source of Sample	Flowline		
Rm @ Meas. Temp	0.58 @ 42		
Rmt @ Meas. Temp	0.44 @ 42		
Rmc @ Meas. Temp	0.78 @ 42		
Source of Rmt / Rmc	Charts		
Rm @ BHT	0.20 @ 121		
Operating Rig Time	6 HOURS		
Max Rec. Temp. F	121		
Equipment Number	91		
Location	Hays		
Recorded By	M. HISS	D. SCHMIDT	
Witnessed By	BOB PETERSEN		

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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.

HOXIE, KS.
NORTH AT HWY 24 & 23 JCT, 9.5 MILES NORTH TO RD 100,
EAST 1.6 MILES,
NORTH INTO

Log Measured From: KELLY BUSHING

5' Ft. Above Permanent Datum

THANK YOU FOR USING PIONEER ENERGY SERVICES

www.pioneerenergy.com785-625-3858

Your Pioneer Energy Services Crew

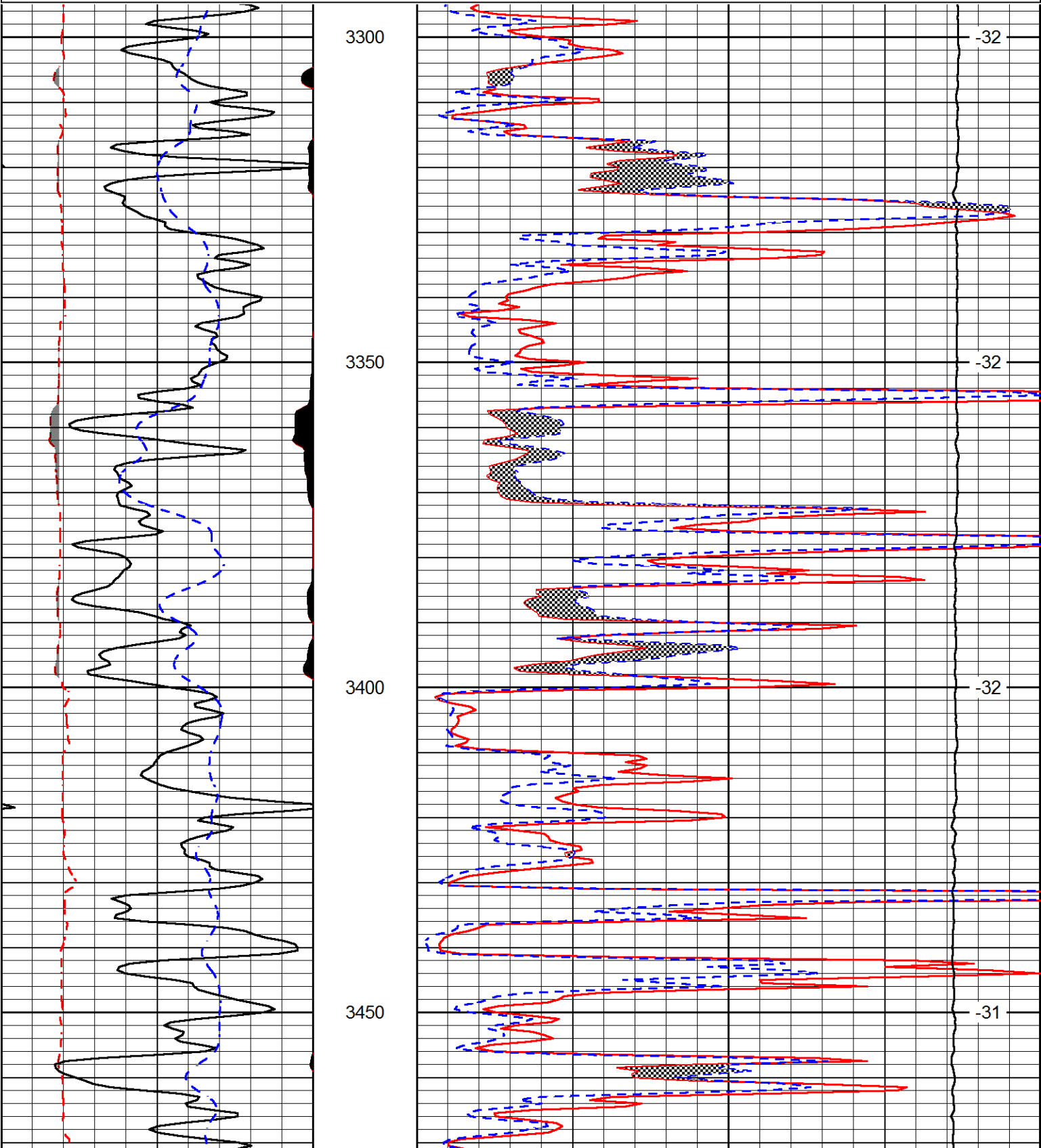
Engineer: M. HISS
Operator: D. SCHMIDT
Operator:
Operator:

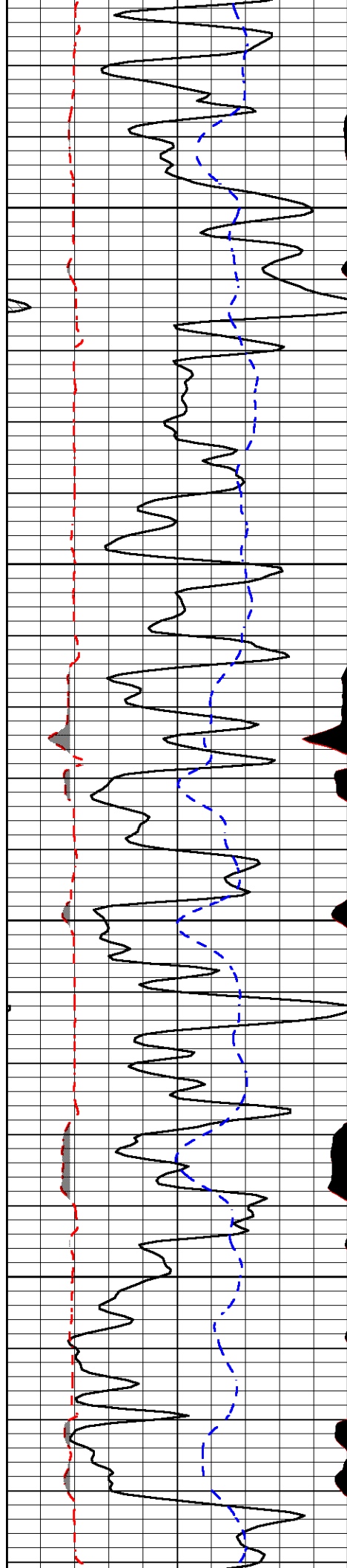
This Log Record Was Witnessed By

Primary Witness: BOB PETERSEN
Secondary Witness:
Secondary Witness:
Secondary Witness:

Database File	suemaur_schroeder_1hd.db
Dataset Pathname	dil/sustack
Presentation Format	micro
Dataset Creation	Thu Dec 17 22:19:17 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)



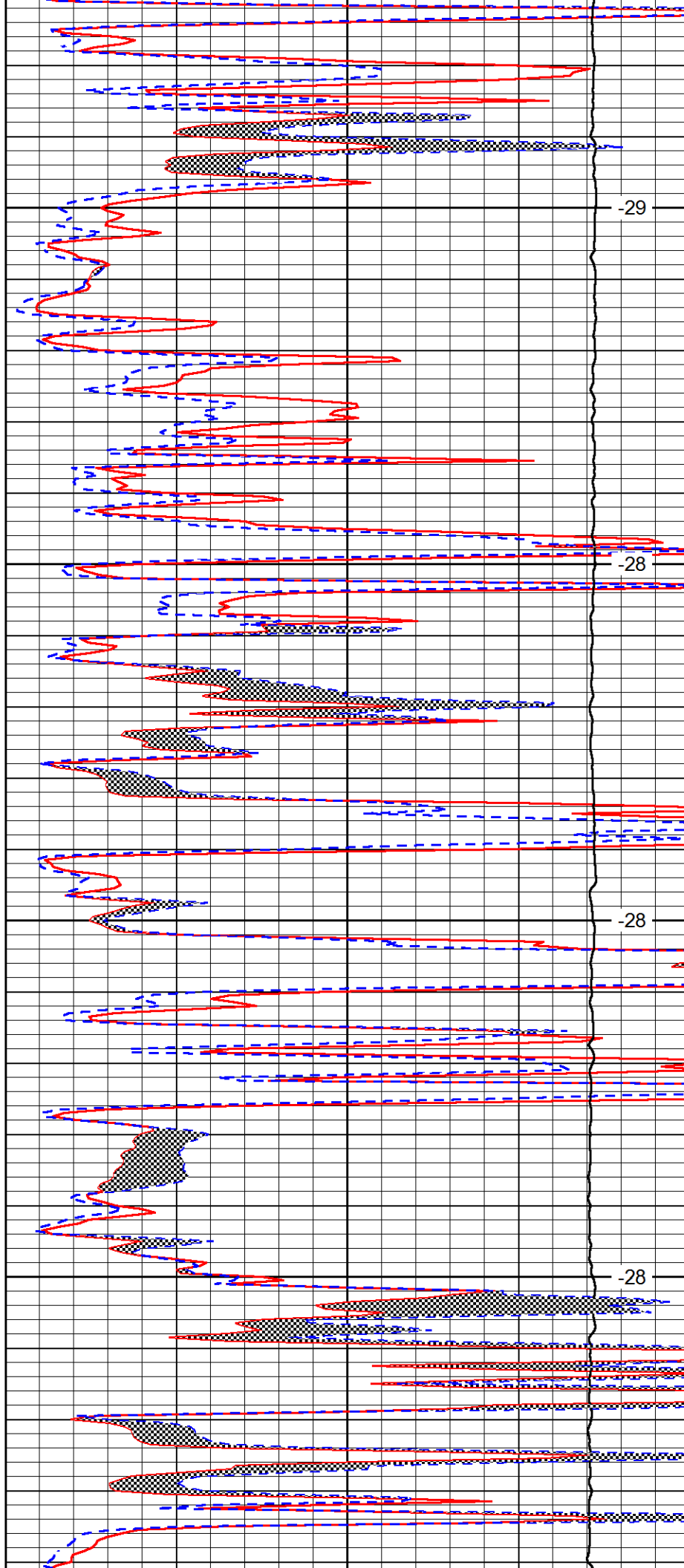


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3550

3600

3650

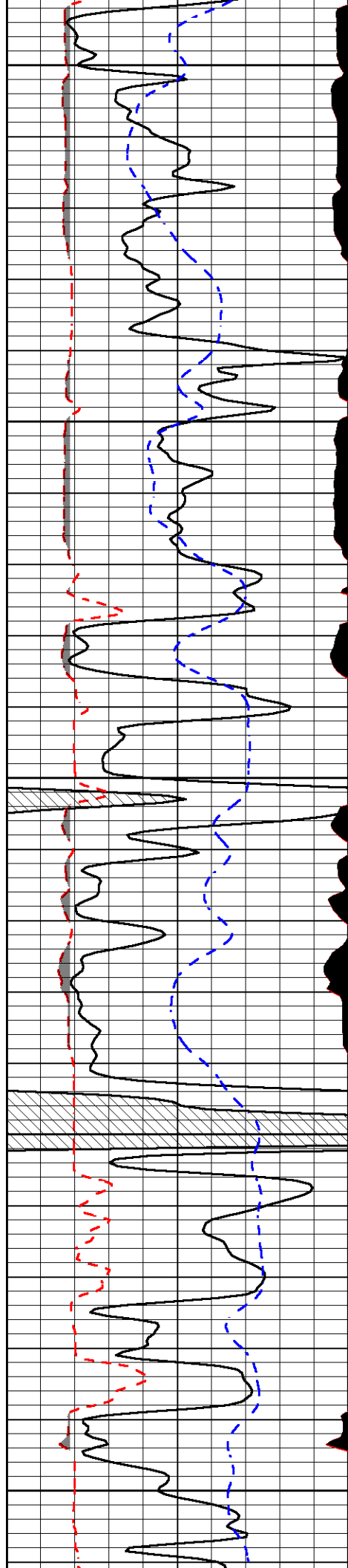


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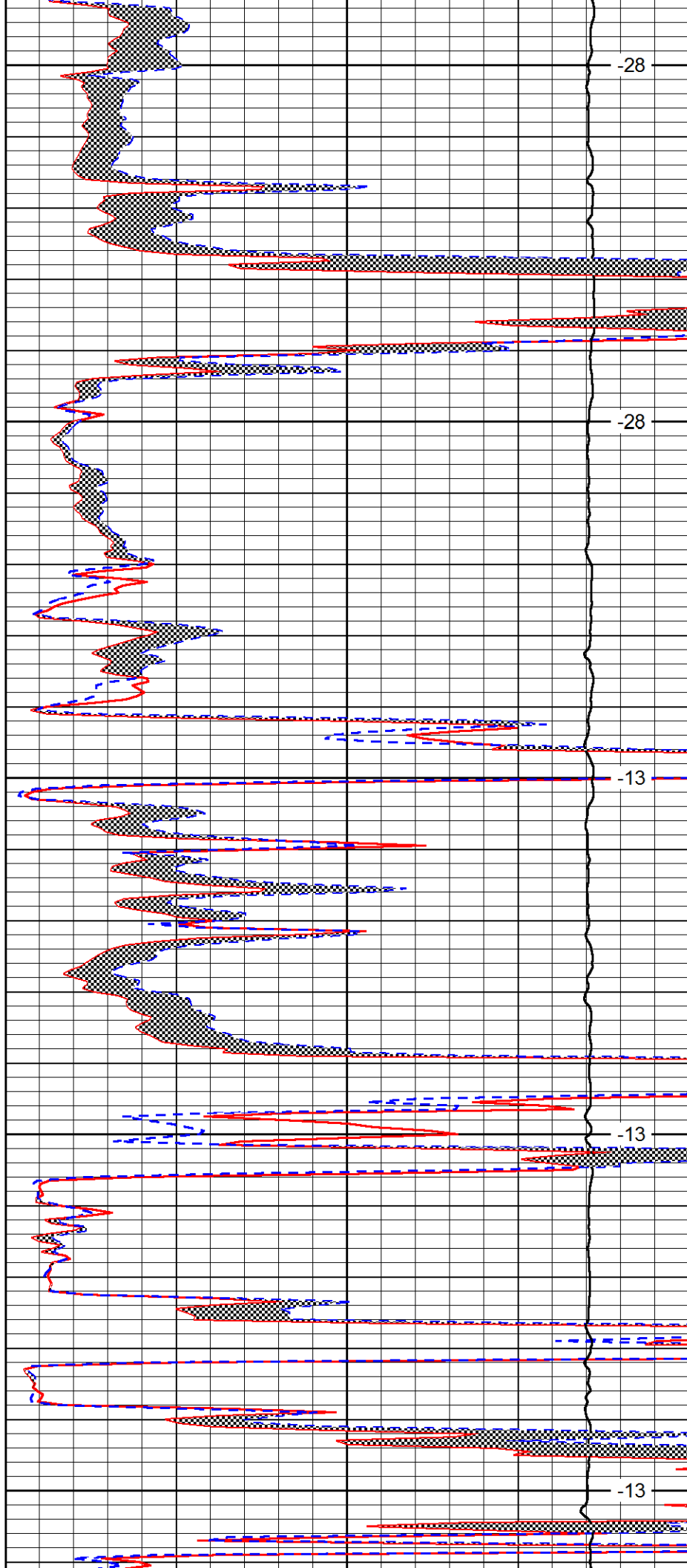
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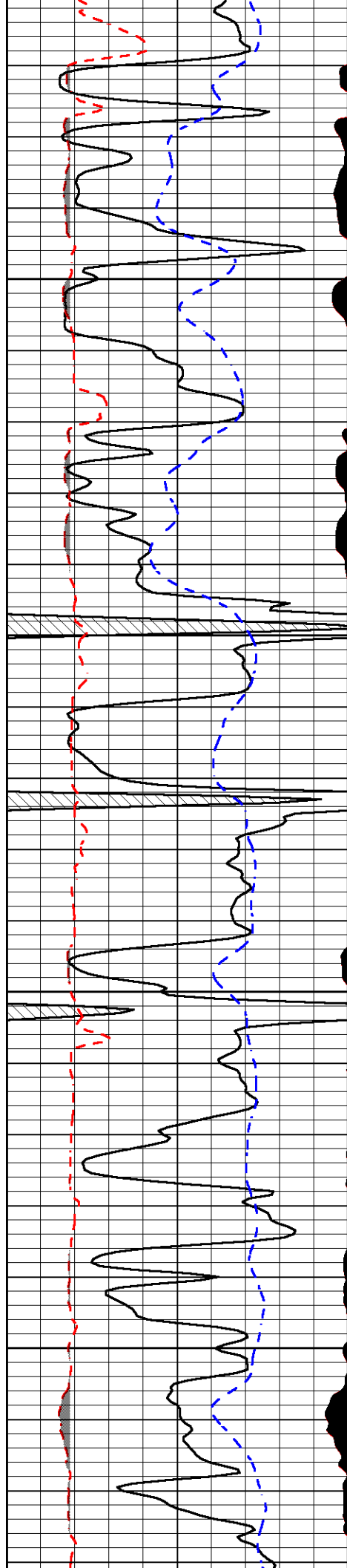
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3900



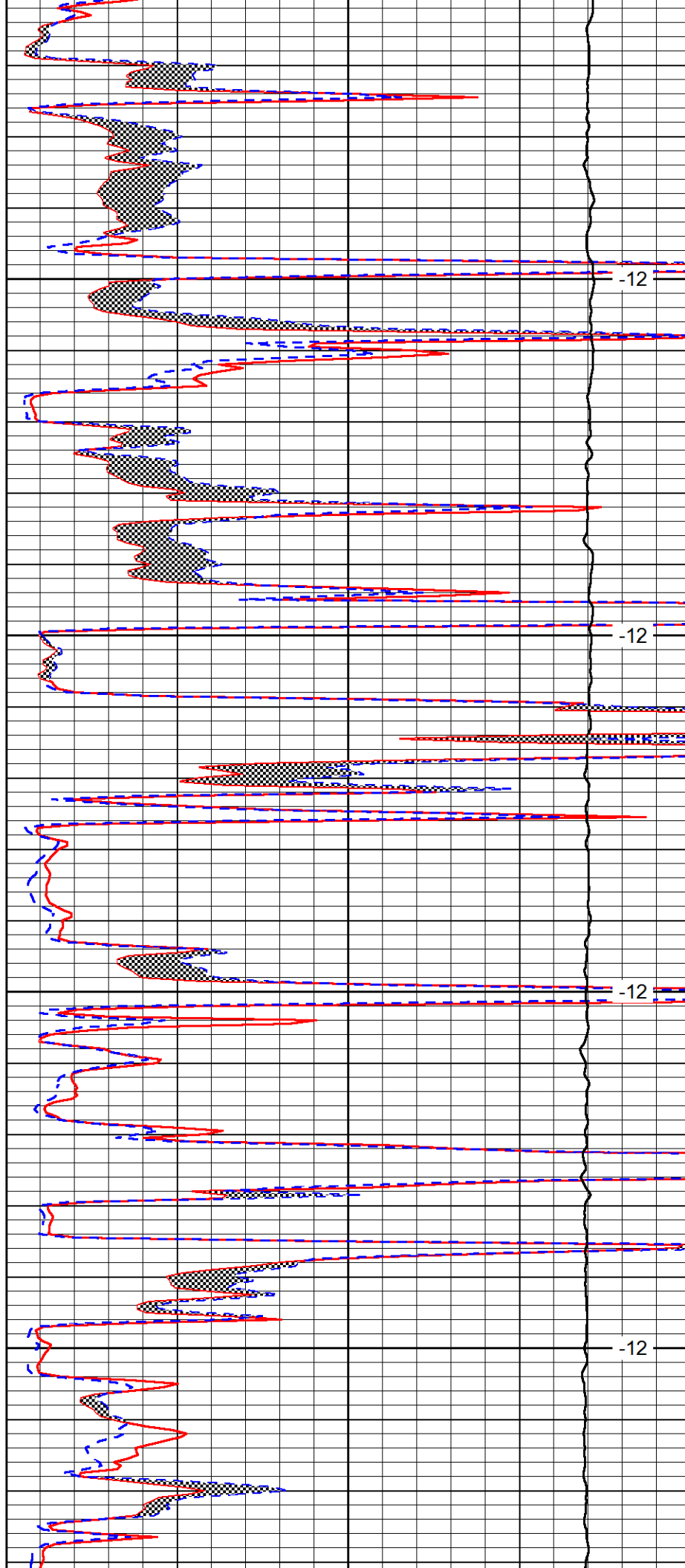


3950

4000

4050

4100

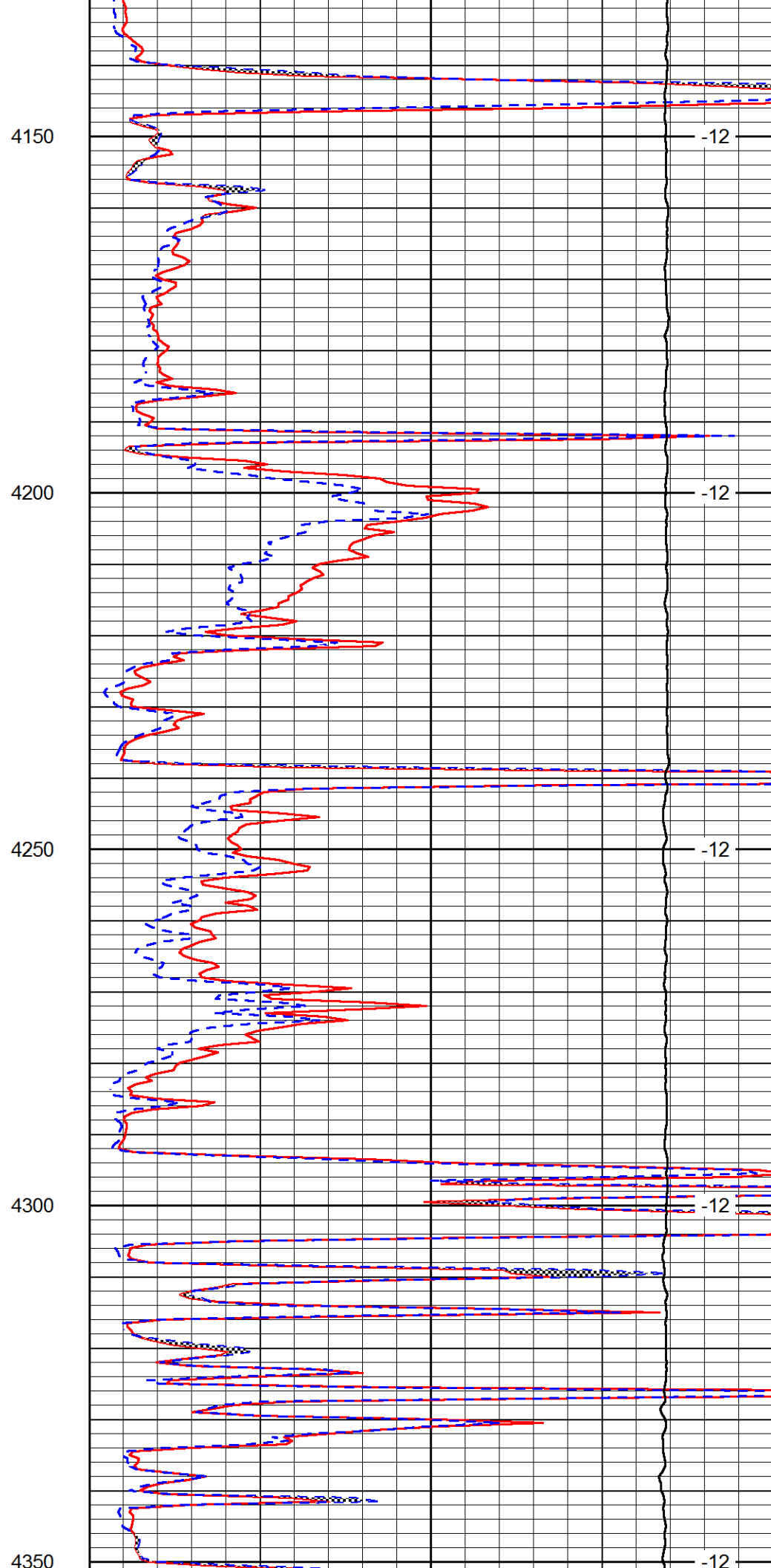
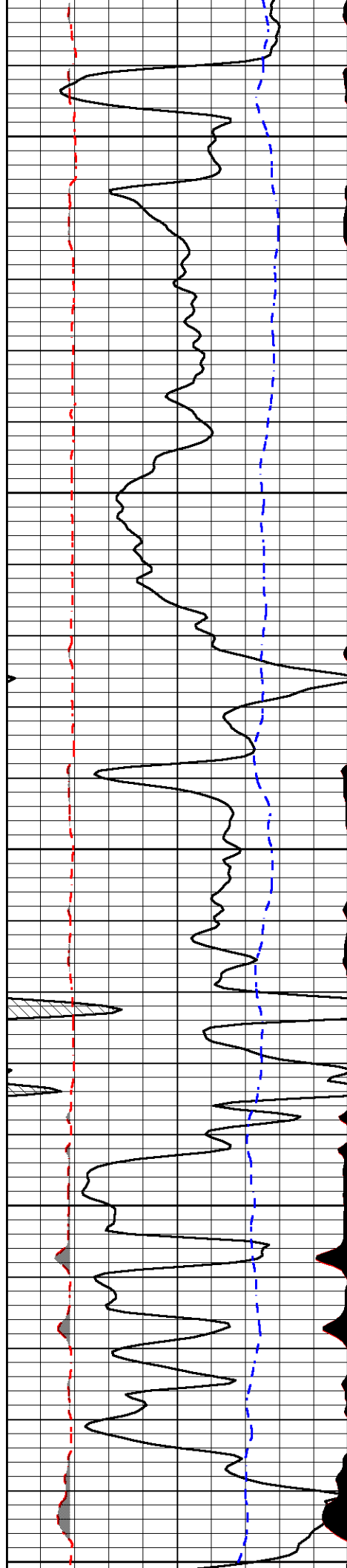


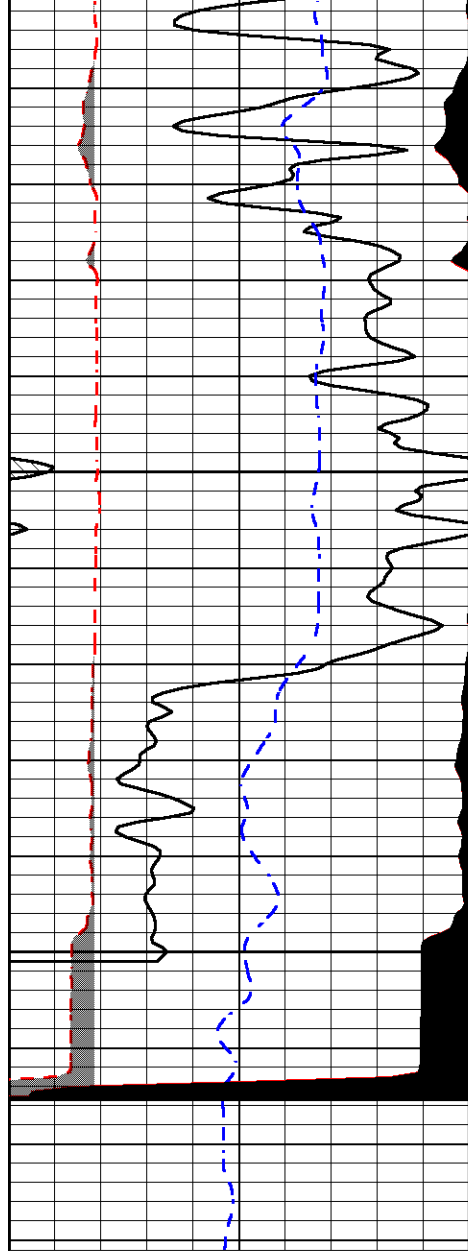
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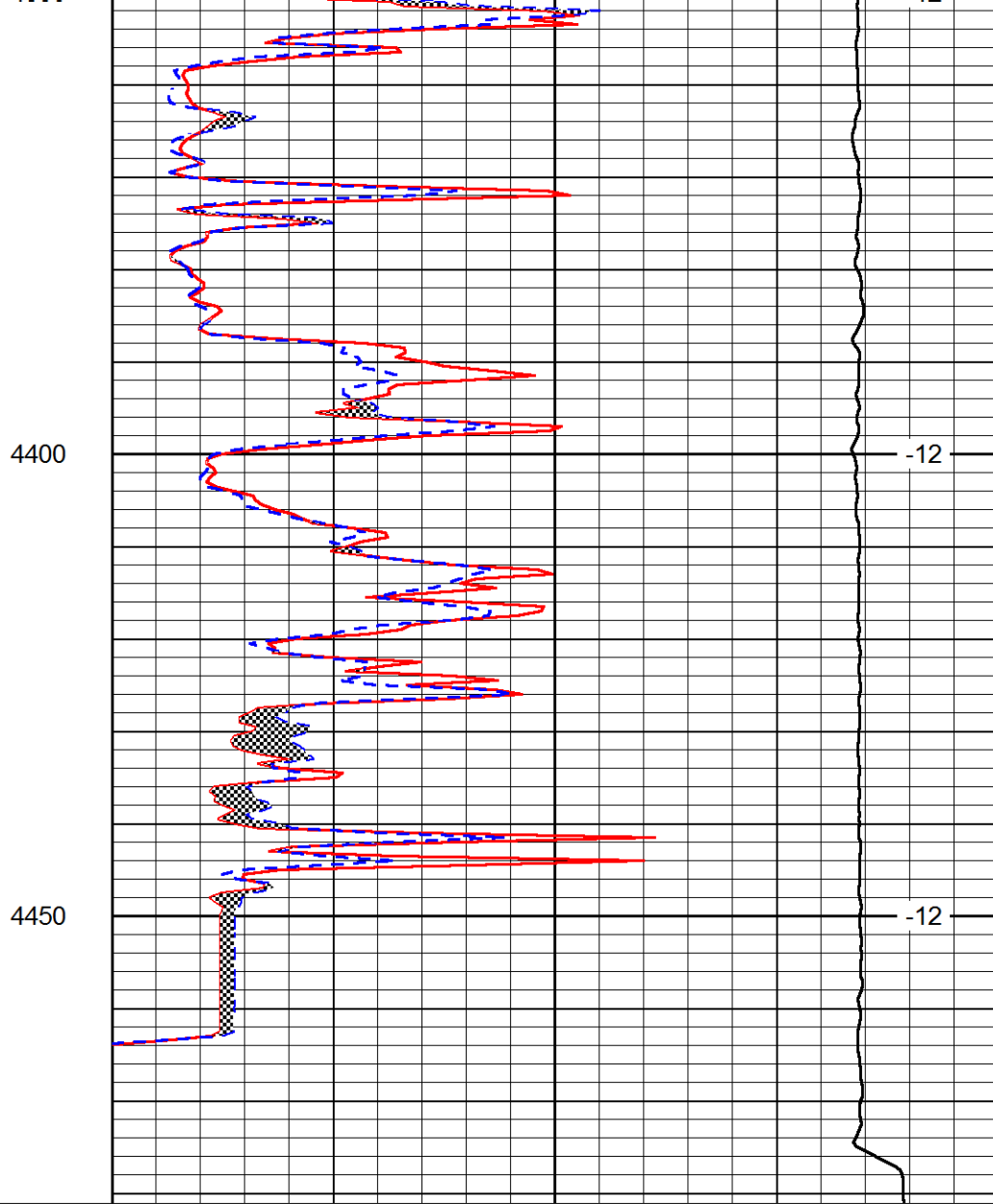
-12

-12





0	Gamma Ray (GAPI)	150
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-200	SP (mV)	0



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

LSPD
(ft/min)