

Company BLACKSTONE OIL & GAS, LLC Well MOHR #2-3 Field OTIS-ALBERT County RUSH State KANSAS		Company BLACKSTONE OIL & GAS, LLC Well MOHR #2-3 Field OTIS-ALBERT County RUSH State KANSAS	
Location: API #: 15-165-22123-00-00 467' FSL & 467' FWL SEC 3 TWP 18S RGE 16W		Other Services CNL/CDL DIL	
Permanent Datum GROUND LEVEL Log Measured From KELLY BUSHING Drilling Measured From KELLY BUSHING	Elevation K.B. 1982' D.F. N/A G.L. 1976'		

Date 2/22/2016	
Run Number ONE	
Depth Driller 2500'	
Depth Logger 2498'	
Bottom Logged Interval 2497'	
Top Log Interval 1800'	
Casing Driller 8.625" @ 1049'	
Casing Logger 1048'	
Bit Size 7.875"	
Type Fluid in Hole CHEMICAL	
Salinity, ppm CL 10000	
Density / Viscosity 9.1 42	
pH / Fluid Loss 10.5 16	
Source of Sample Flowline	
Rm @ Meas. Temp 0.28 @ 42	
Rmf @ Meas. Temp 0.21 @ 42	
Rmc @ Meas. Temp 0.38 @ 42	
Source of Rmf / Rmc Charts	
Rm @ BHT 0.12 @ 101	
Operating Rig Time 2 HOURS	
Max Rec. Temp. F 101	
Equipment Number 91	
Location Hays	
Recorded By D. SCHMIDT	
Witnessed By ROD ANDERSEN	

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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.

OTIS,
1 WEST TO 380 RD, 2 SOUTH, 1 WEST,
NORTH INTO

Log Measured From: KELLY BUSHING 6 Ft. Above Permanent Datum

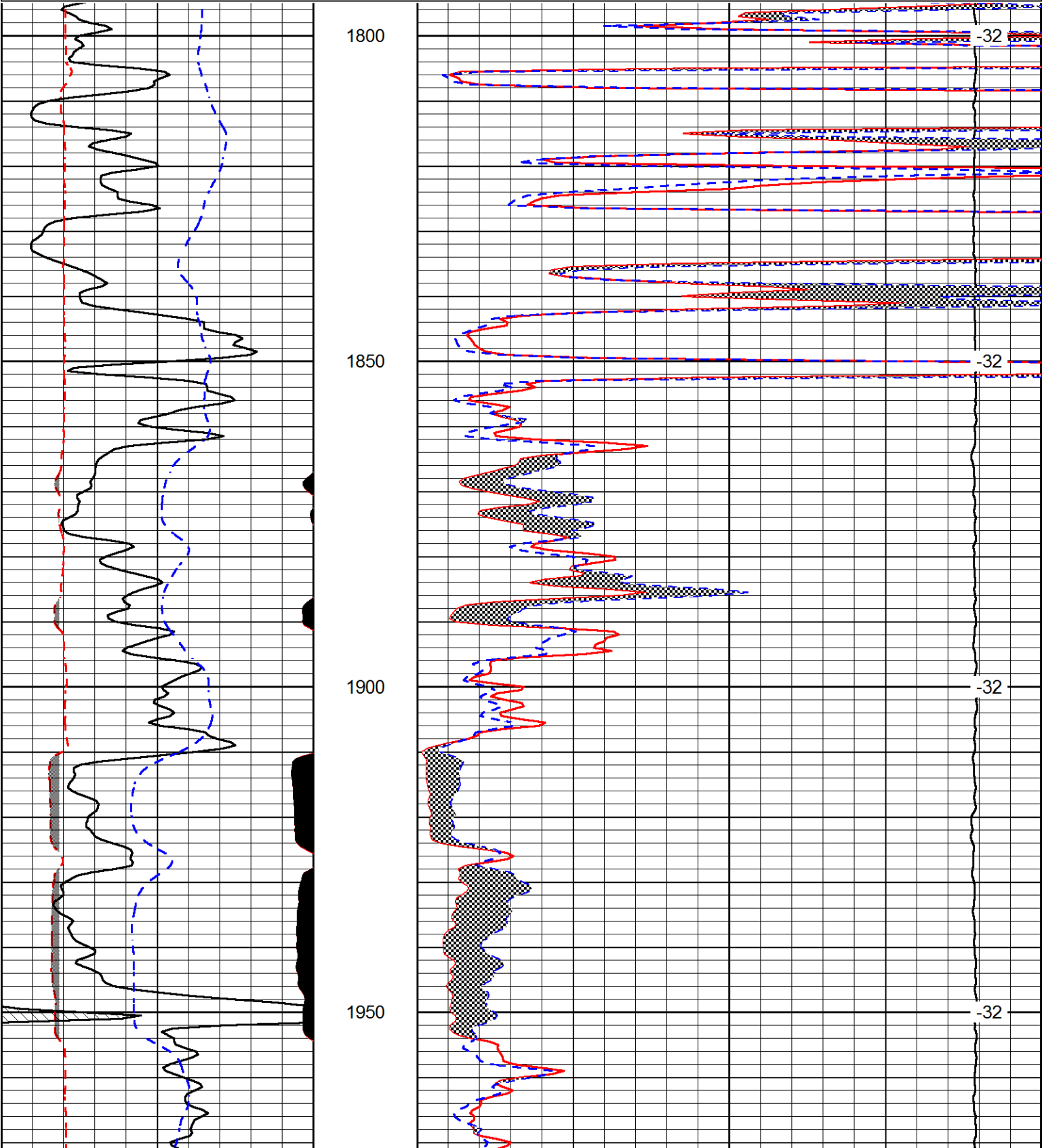
THANK YOU FOR USING PIONEER ENERGY SERVICES

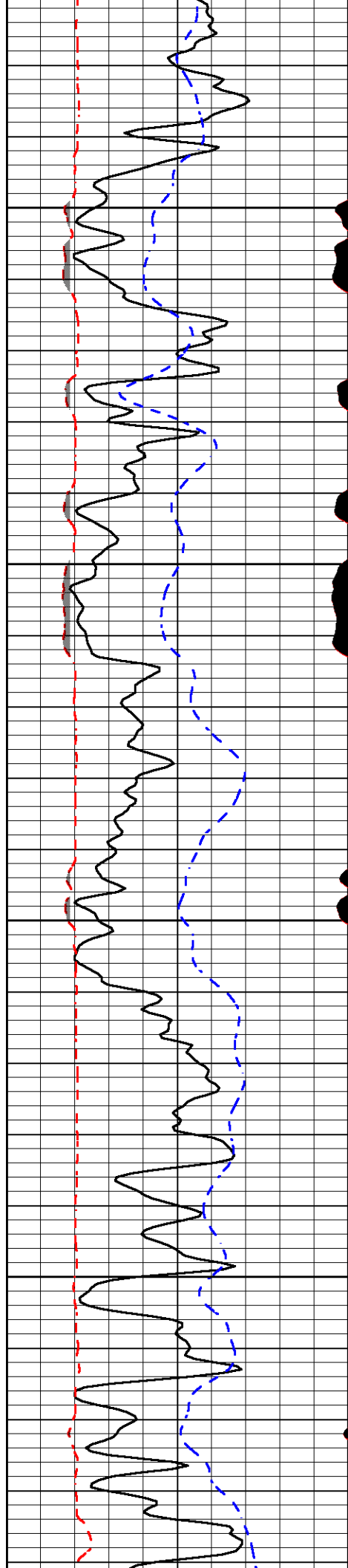
www.pioneerres.com 785-625-3858

Your Pioneer Energy Services Crew Engineer: D. SCHMIDT Operator: Operator: Operator:	This Log Record Was Witnessed By Primary Witness: ROD ANDERSEN Secondary Witness: Secondary Witness: Secondary Witness:
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Database File	blackstone_mohr_2-3hd.db
Dataset Pathname	DIL/blstkml
Presentation Format	micro
Dataset Creation	Mon Feb 22 11:38:05 2016
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)



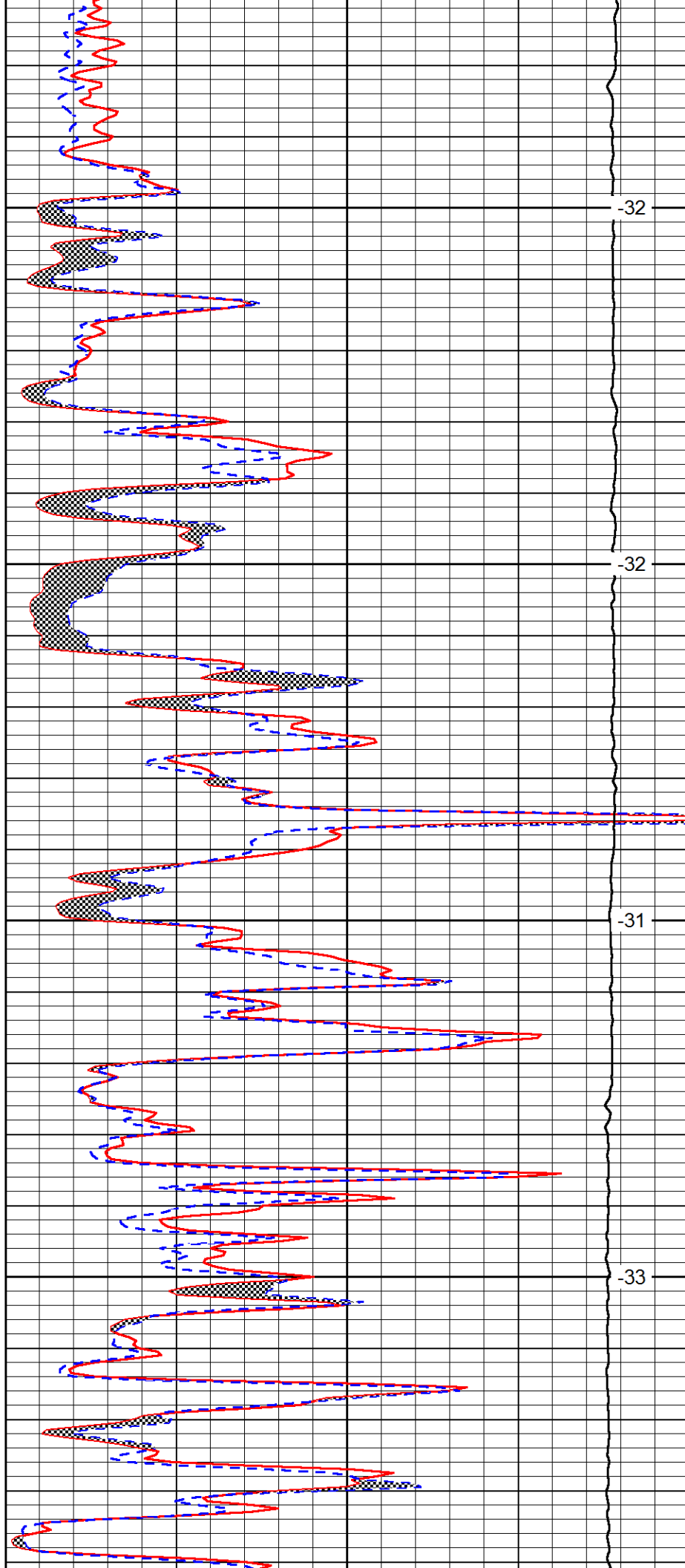


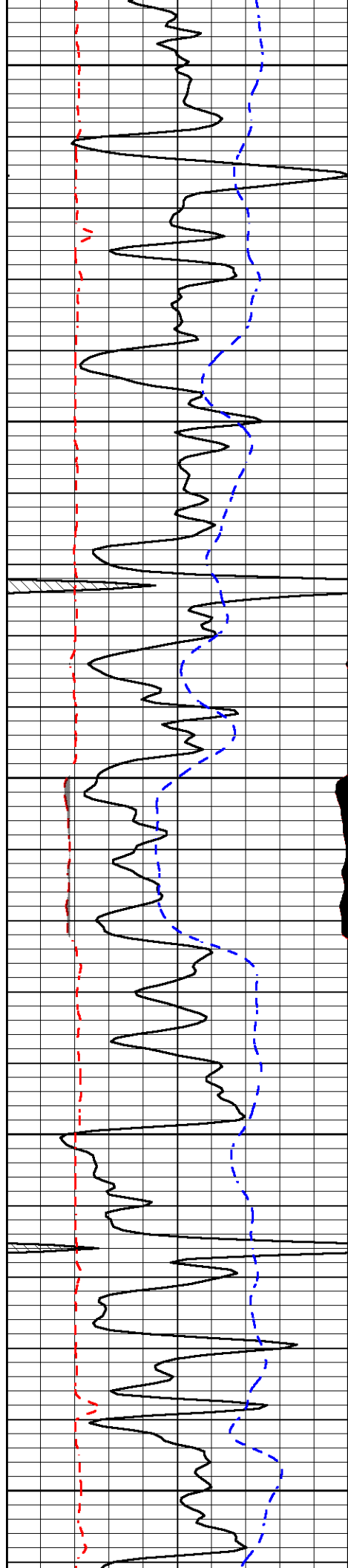
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2100

2150





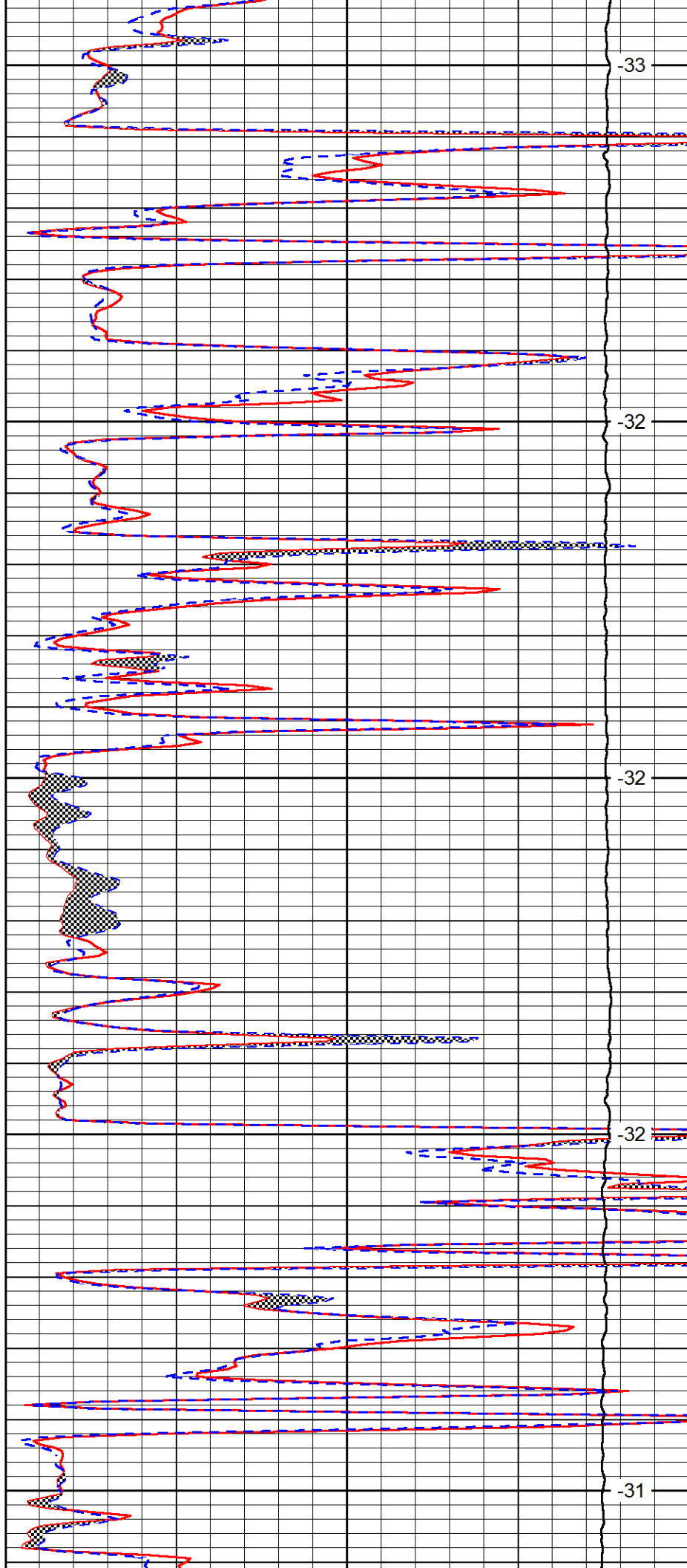
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2250

2300

2350

2400



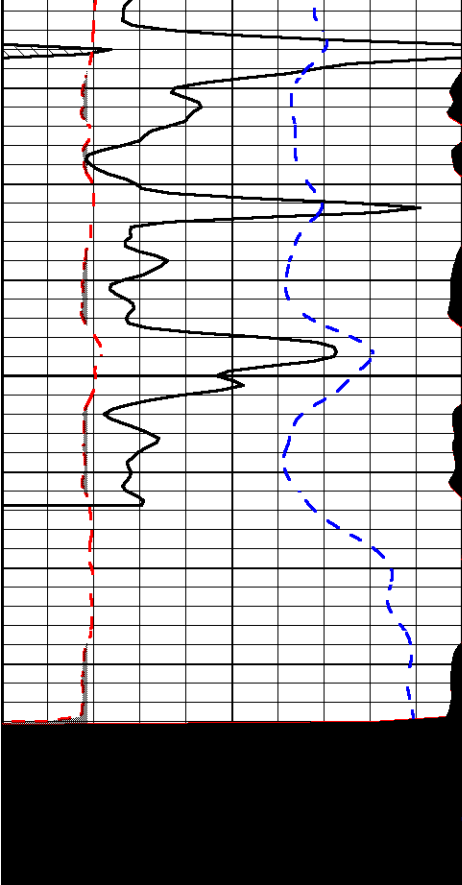
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-32

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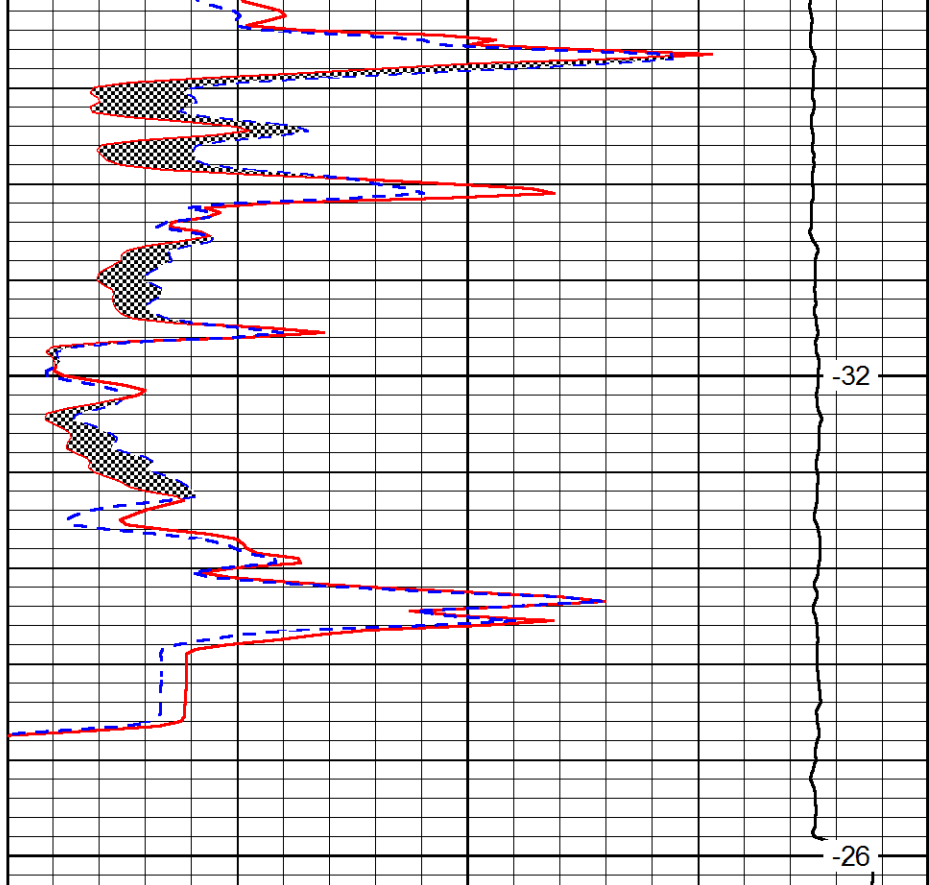
-31



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

2450

2500



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

LSPD
(ft/min)