



PIONEER
Pioneer Energy Services

MICRORESISTIVITY LOG

Company STEWART PRODUCERS, INC.
Well JACKSON NO. 1
Field BEAUMONT
County GREENWOOD
State KANSAS

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Well JACKSON NO. 1
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Location: API #: 15-073-24231-00-00

1,980' FSL & 1,650' FWL

SEC 36 TWP 27S RGE 8E

Permanent Datum GROUND LEVEL Elevation 1397'
Log Measured From KELLY BUSHING
Drilling Measured From KELLY BUSHING

Other Services
CNL/CDL
DIL
Elevation
K.B. 1402'
D.F. N/A
G.L. 1397'

Date	8/22/2016		
Run Number	ONE		
Depth Driller	2783'		
Depth Logger	2783'		
Bottom Logged Interval	2782'		
Top Log Interval	1650'		
Casing Driller	8.625" @ 218'		
Casing Logger	218'		
Bit Size	7.875"		
Type Fluid in Hole	CHEMICAL		
Salinity, ppm CL	600		
Density / Viscosity	9.4 45		
pH / Fluid Loss	9.0 7.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.97 @ 78		
Rmt @ Meas. Temp	.73 @ 78		
Rmc @ Meas. Temp	1.31 @ 78		
Source of Rmt / Rmc	CHARTS		
Rm @ BHT	.73 @ 104		
Operating Rig Time	2 HOURS		
Max Rec. Temp. F	104		
Equipment Number	108		
Location	COLBY		
Recorded By	J. LONG		
Witnessed By	MARK A. THOMPSON	ROBERT STEWART	

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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.

BEAUMONT, EAST TO OLD STATE HIGHWAY 96, SOUTHEAST TO ROAD 24,
1/4 NORTH, EAST INTO

Log Measured From: KELLY BUSHING 5 Ft. Above Permanent Datum

THANK YOU FOR USING PIONEER ENERGY SERVICES
www.pioneerenergy.com 785-625-3858

Your Pioneer Energy Services Crew

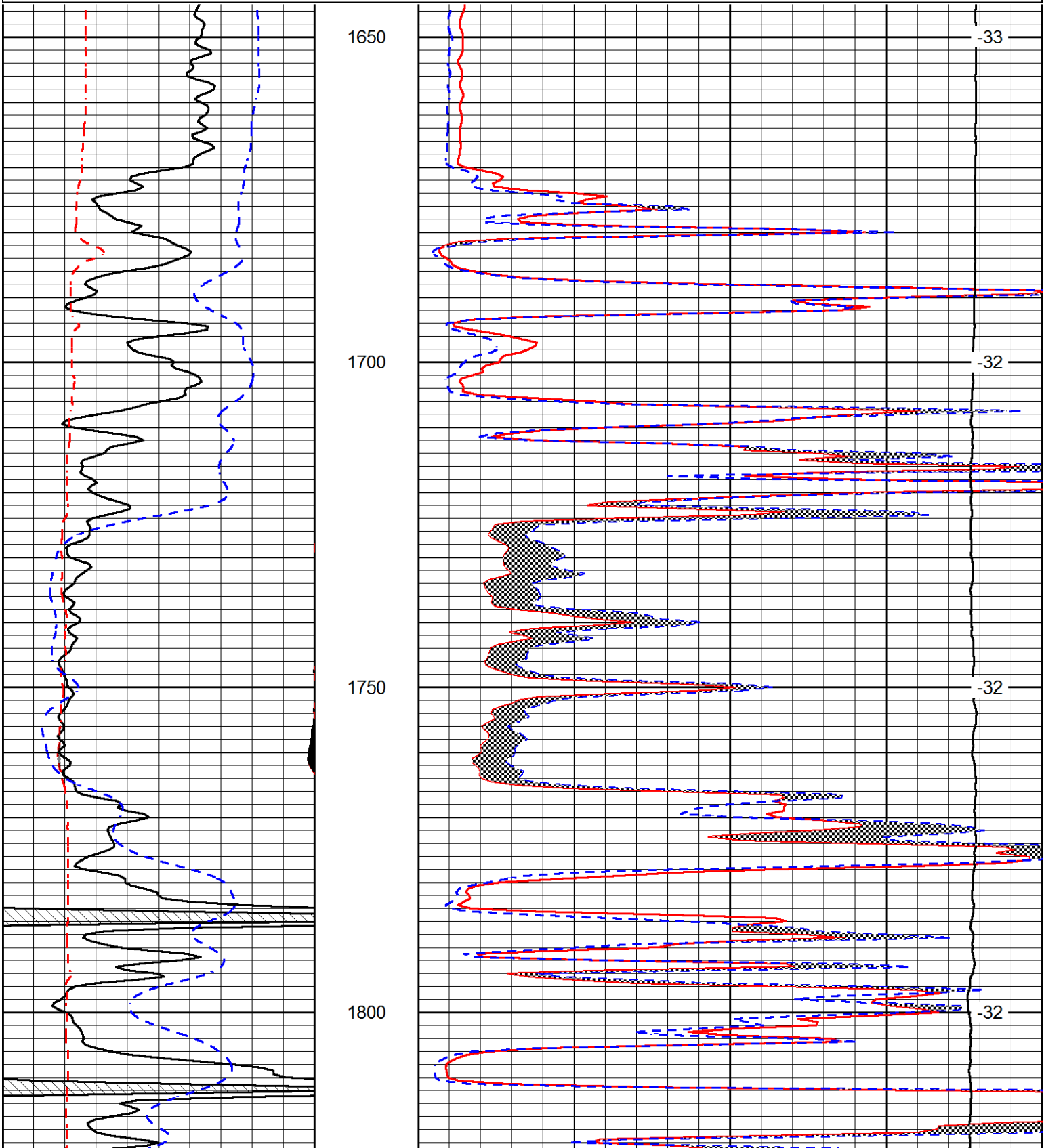
Engineer: J. LONG
Operator:
Operator:
Operator: J. HENRICKSON

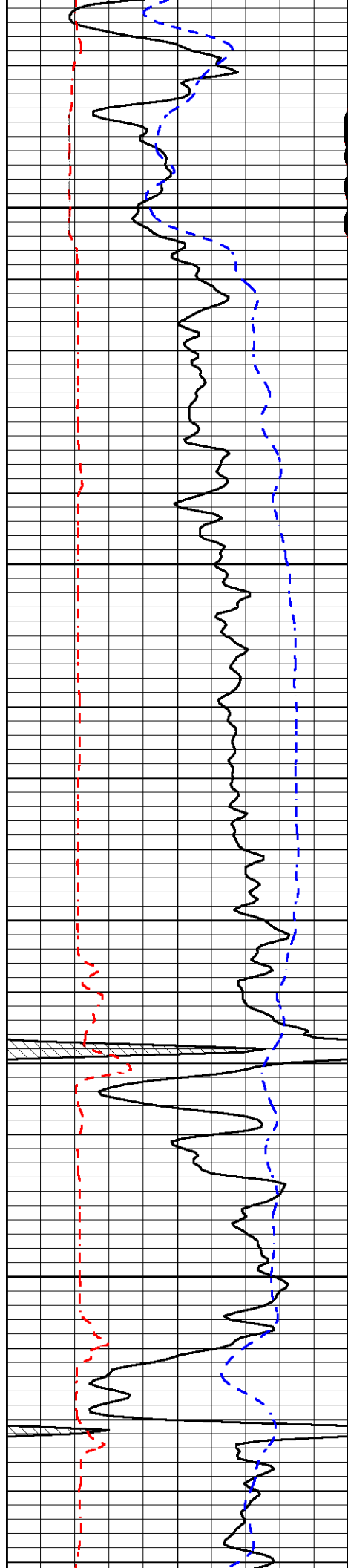
This Log Record Was Witnessed By

Primary Witness: MARK A. THOMPSON
Secondary Witness: ROBERT STEWART
Secondary Witness:
Secondary Witness:

Database File	stewartproducers_jackson_1hd.db
Dataset Pathname	DIL/stewstck
Presentation Format	micro
Dataset Creation	Mon Aug 22 14:05:27 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)



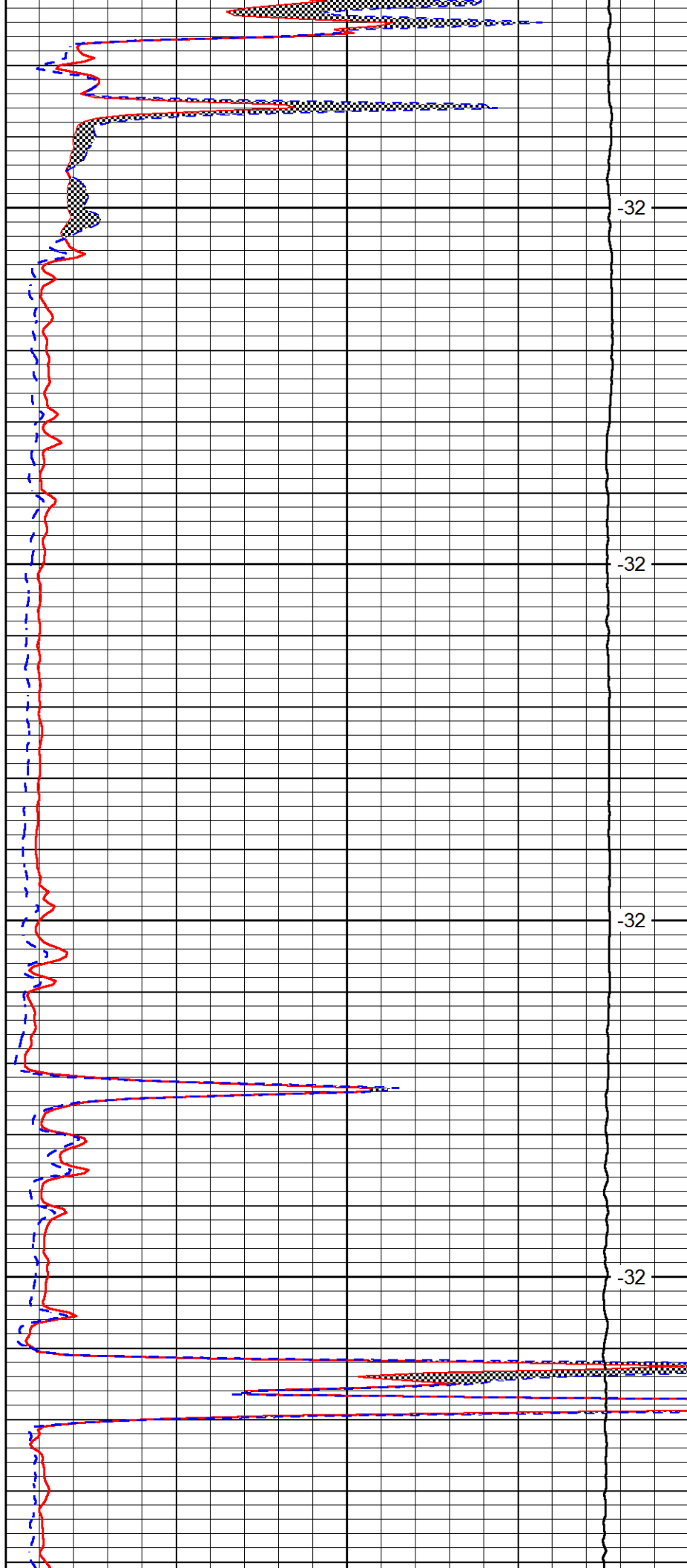


1850

1900

1950

2000

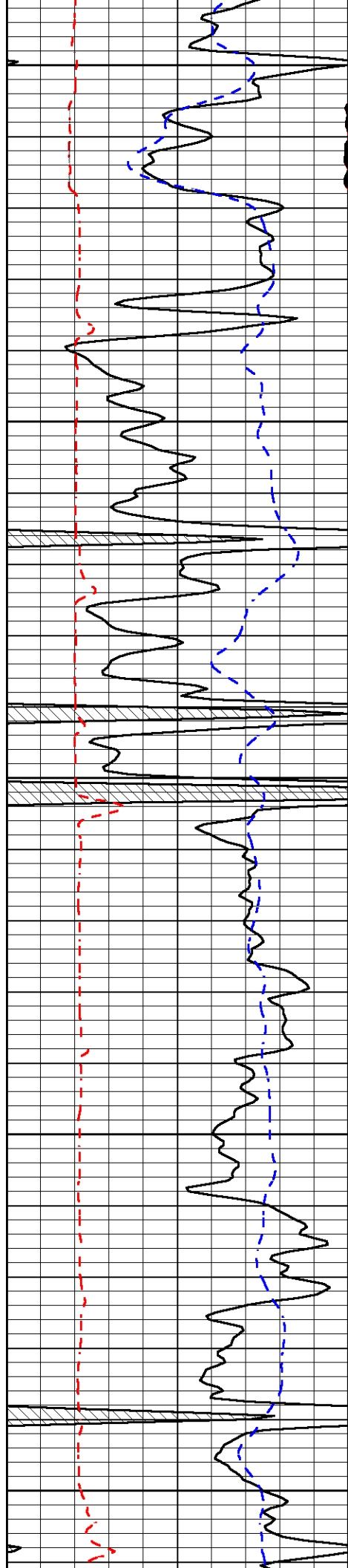


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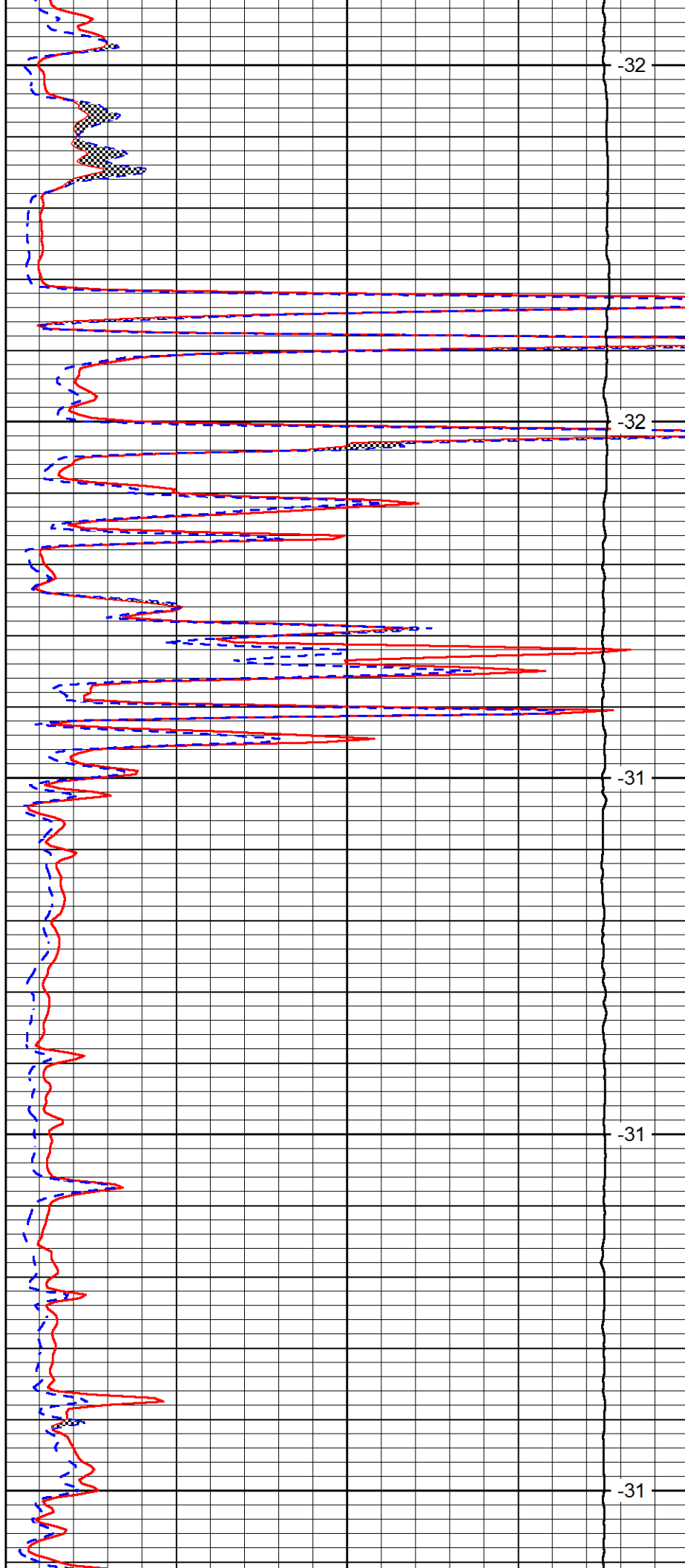
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2100

2150

2200

2250



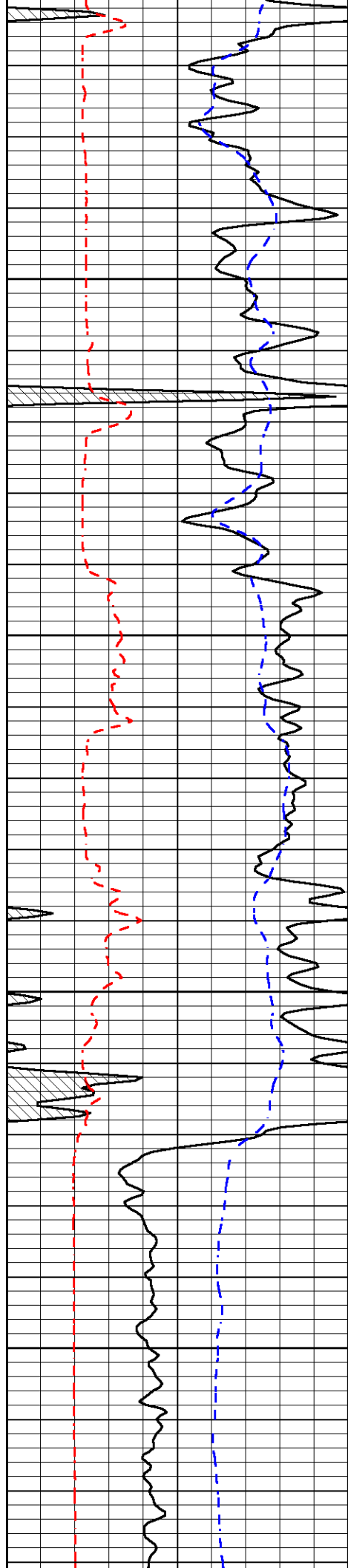
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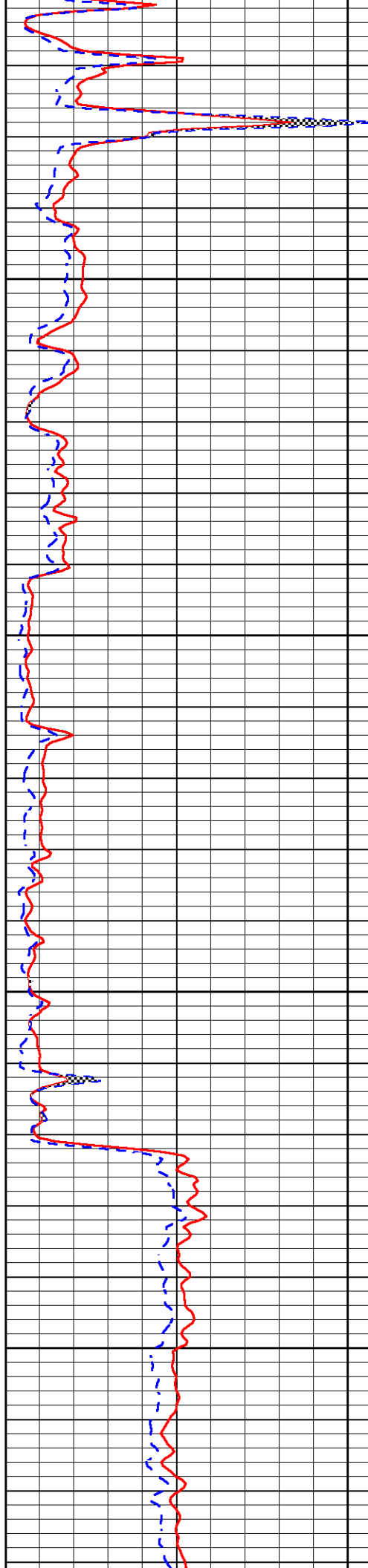


2300

2350

2400

2450

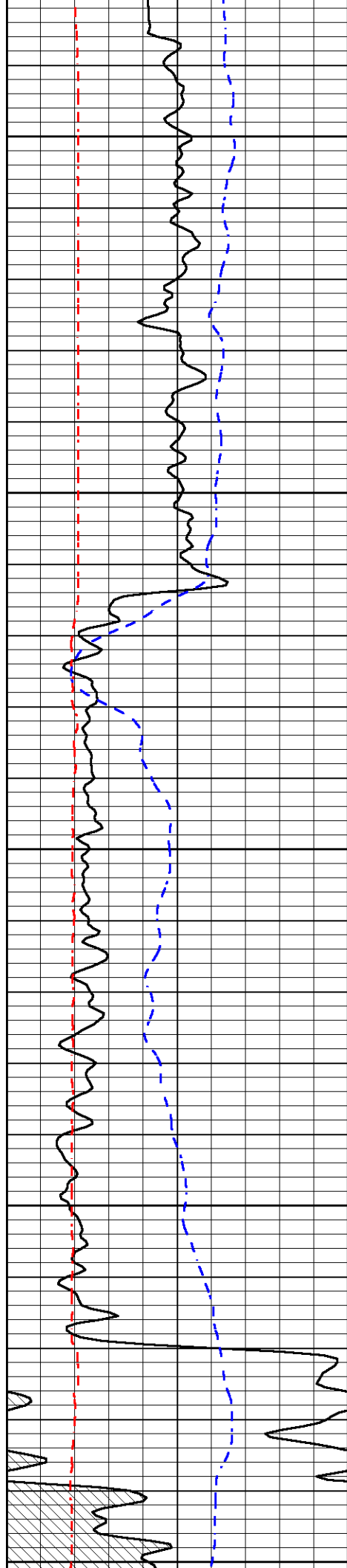


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2500

2550

2600

2650

2700

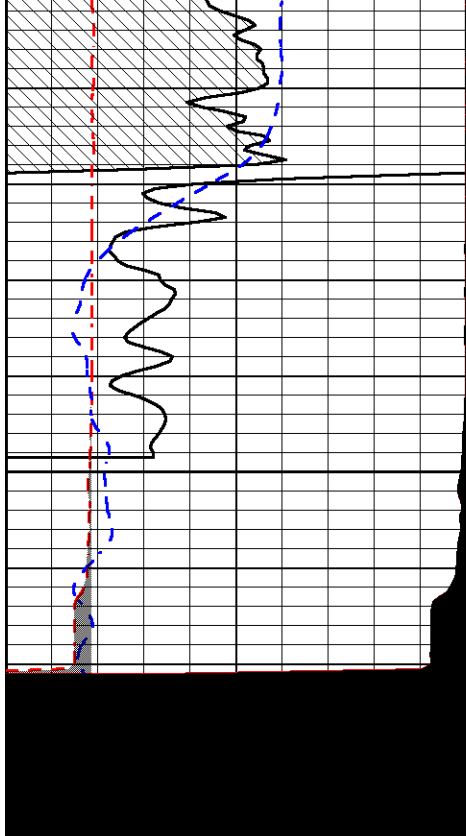
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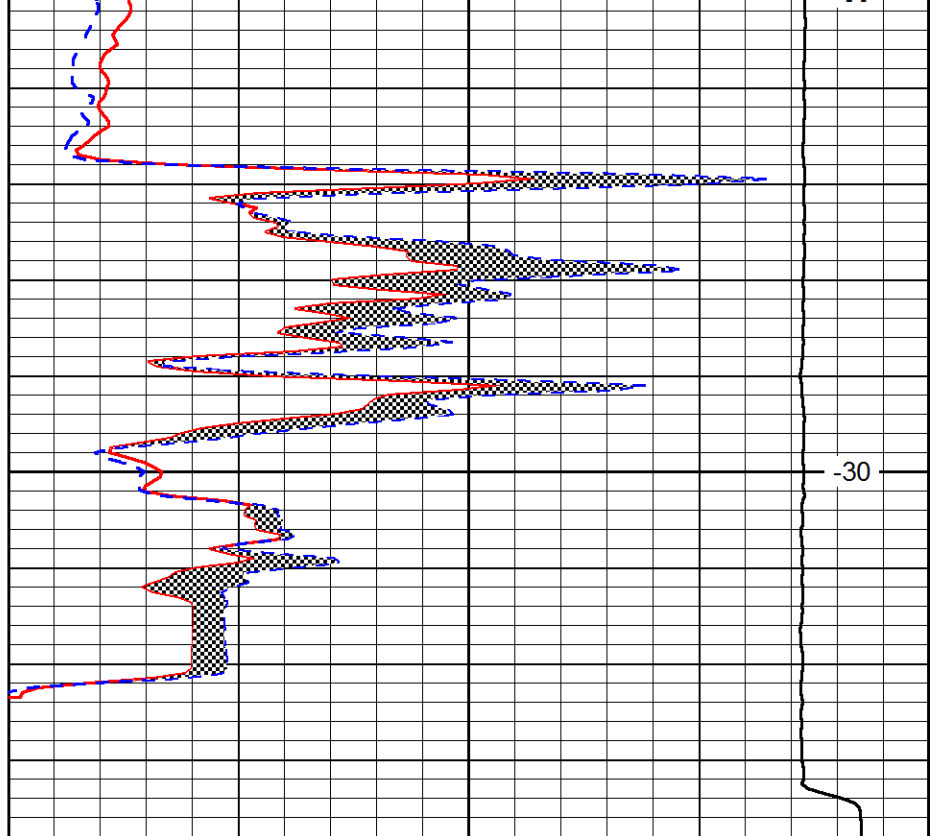
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0	Micro Normal 2" (Ohm-m)	40
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LSPD
(ft/min)