



PIONEER

Pioneer Energy Services

RADIATION GUARD LOG

Company **STROKE OF LUCK ENERGY & EXP**
Well **MCCLELLAN #02-0916**
Field **MCCLELLAN**
County **ROOKS**
State **KANSAS**

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Well **MCCLELLAN #02-0916**
Field **MCCLELLAN**
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Location: API #: 15-163-19303-00-01

Other Services

NW NE NW
4950' FSL & 3630' FEL
SEC 9 TWP 9S RGE 19W

NONE

Permanent Datum **GROUND LEVEL Elevation 2026'**
Log Measured From **KELLY BUSHING**
Drilling Measured From **KELLY BUSHING**

Elevation
K.B. 2031'
D.F. N/A
G.L. 2026'

Date 9/23/2016

Run Number ONE

Depth Driller 3538'

Depth Logger 3536'

Bottom Logged Interval 3534'

Top Log Interval 200'

Casing Driller 8.625" @ 250'

Casing Logger 214'

Bit Size 7.875"

Type Fluid in Hole CHEMICAL

Salinity, ppm CL 52000

Density / Viscosity 9.3 42

pH / Fluid Loss 9.7 18.0

Source of Sample FLOWLINE

Rm @ Meas. Temp 0.21 @ 80

Rmf @ Meas. Temp 0.16 @ 80

Rmc @ Meas. Temp 0.28 @ 80

Source of Rmf / Rmc CHARTS

Rm @ BHT 0.15 @ 111

Operating Rig Time 2 HOURS

Max Rec. Temp. F 111

Equipment Number 108

Location COLBY

Recorded By T. MARTIN

Witnessed By KEN WALKER

<<< 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.

ZURICH, 4 N TO T RD,
3/4 W, S 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: T. MARTIN
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: KEN WALKER
Secondary Witness:
Secondary Witness:
Secondary Witness:

Top - Bottom

AIR_HOLE? No	BOREID in 7.875	BOTTEMP degF 111	CASEOD in 5.5	CASETHCK in 0	MudWgt lb/gal 9.3	NPORSEL Limestone	PERFS 0
SPSHIFT mV 0	SRFTEMP degF 80	TDEPTH ft 3536					

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	14.50		GR-M&W (89-M&W)	3.00	3.50	50.00
LGRD	11.00		LGRD-M&W (49) Simlec Long Guard	3.50	3.50	40.00
SCAL	5.10		SWN-M&W-SP (139-130)	10.50	4.00	190.00
SWN	4.45					

SP

0.20

Dataset: sol_mcclellan_#02--0916.db: field/well/RAG/pass3.1
Total length: 17.00 ft
Total weight: 280.00 lb
O.D.: 4.00 in



2" SCALE RESISTIVITY

MAIN PASS

Database File sol_mcclellan_#02--0916.db
Dataset Pathname RAG/pass3.2
Presentation Format rag2in
Dataset Creation Sat Sep 24 01:00:02 2016
Charted by Depth in Feet scaled 1:600

0 GAMMA RAY (GAPI) 150

0.2 LONG GUARD (Ohm-m) 2000

LINE SPEED
(ft/min)

GAMMA RAY

LONG GUARD

LINE SPEED

200

250

300

350

400

450

50

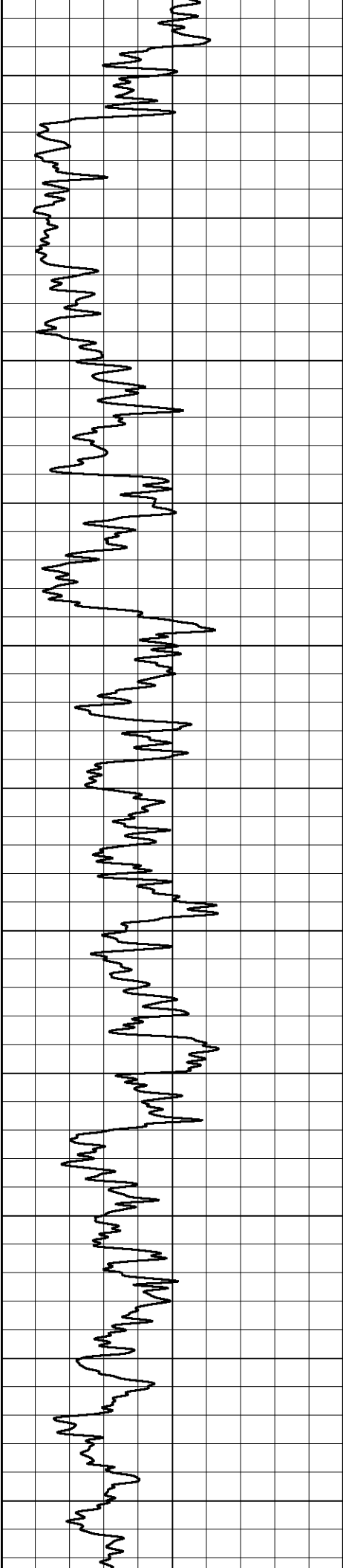
49

99

98

98

98



500

550

600

650

700

750

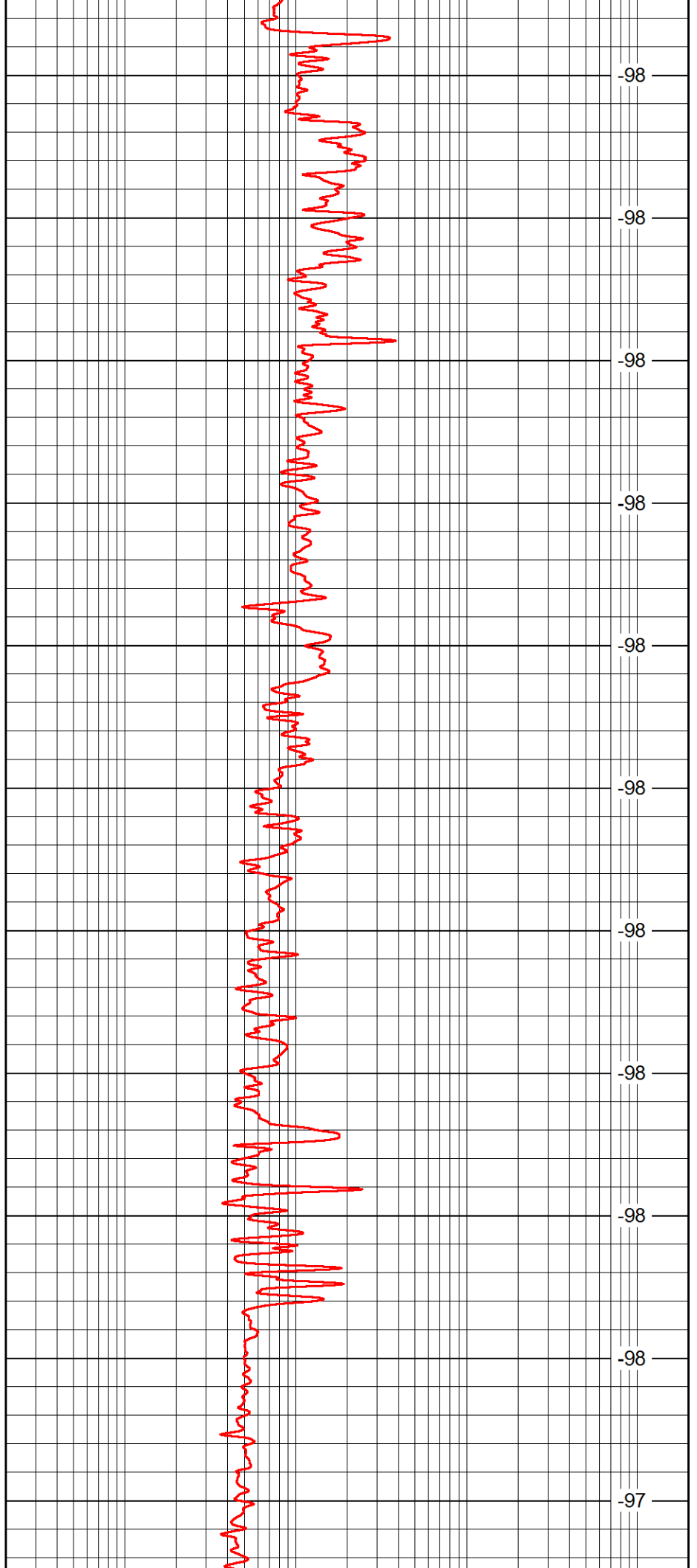
800

850

900

950

1000



-98

-98

-98

-98

-98

-98

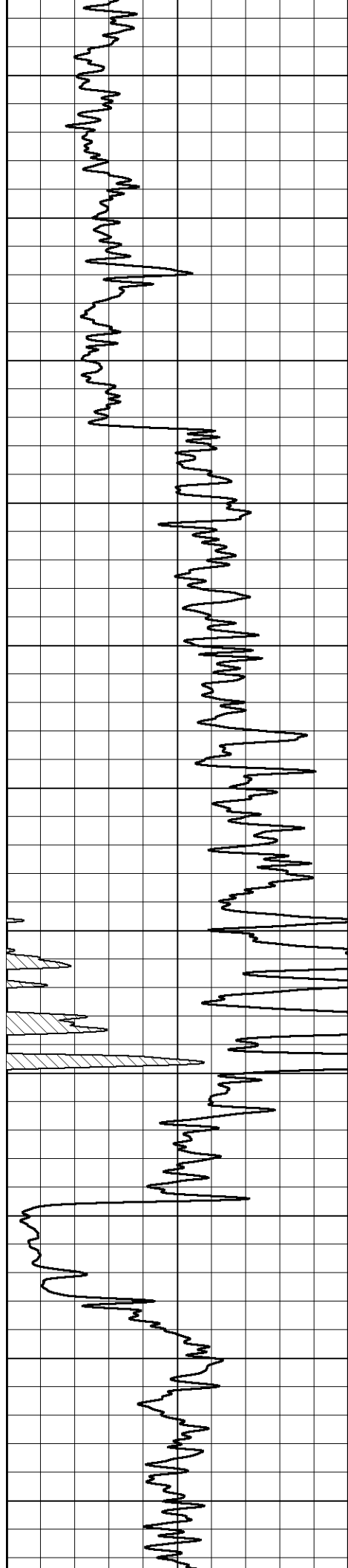
-98

-98

-98

-98

-97



1050

1100

1150

1200

1250

1300

1350

1400

1450

1500

1550

-94

-94

-95

-95

-95

-95

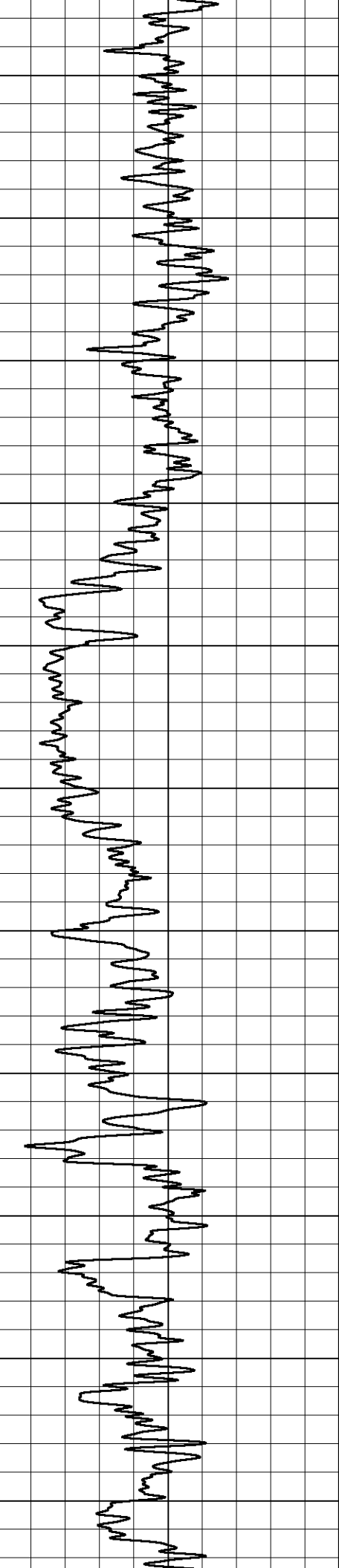
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-71

-71

-71

-67



1600

1650

1700

1750

1800

1850

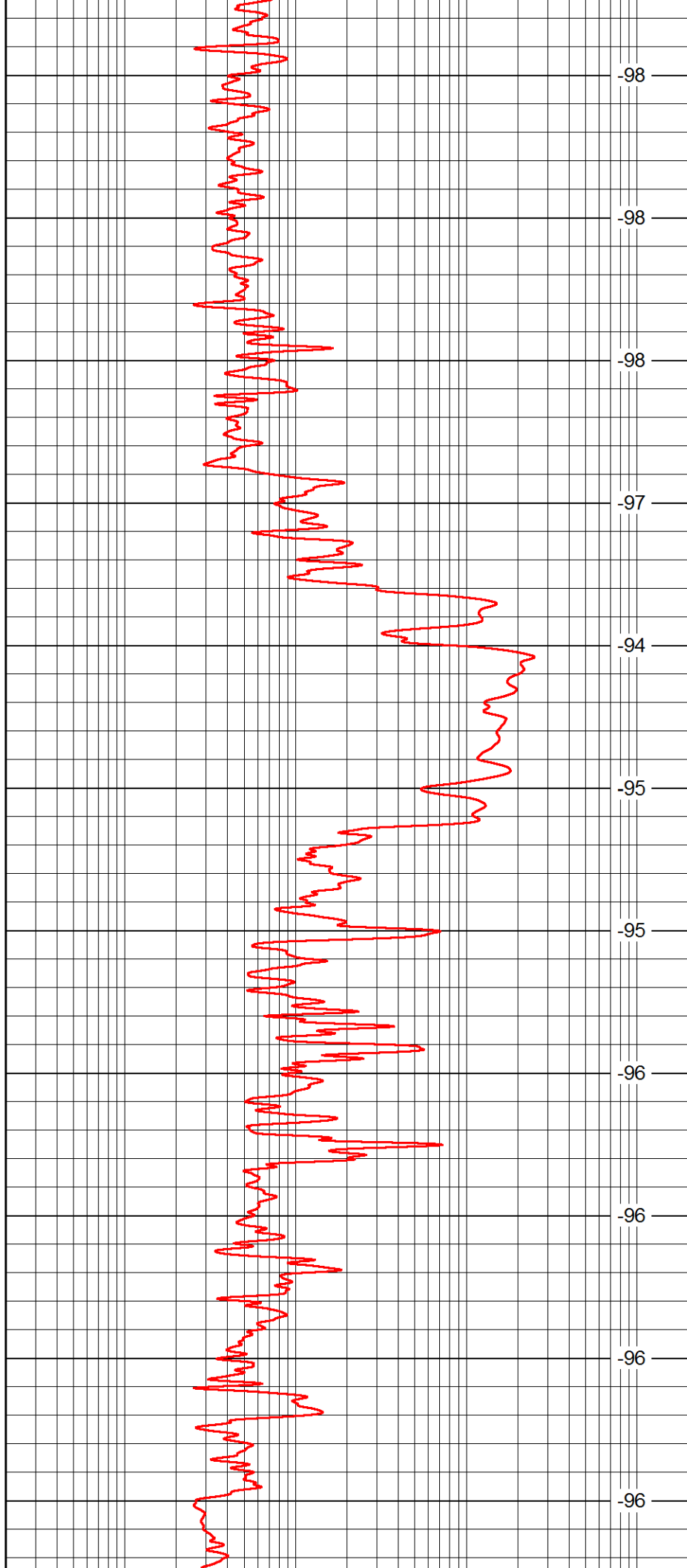
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1950

2000

2050

2100



-98

-98

-98

-97

-94

-95

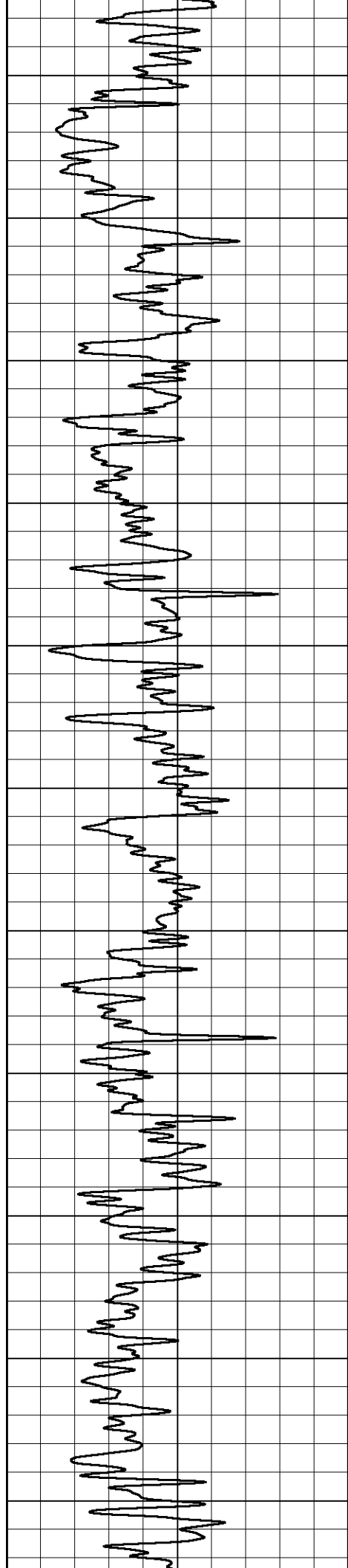
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-96

-96

-96

-96



2150

2200

2250

2300

2350

2400

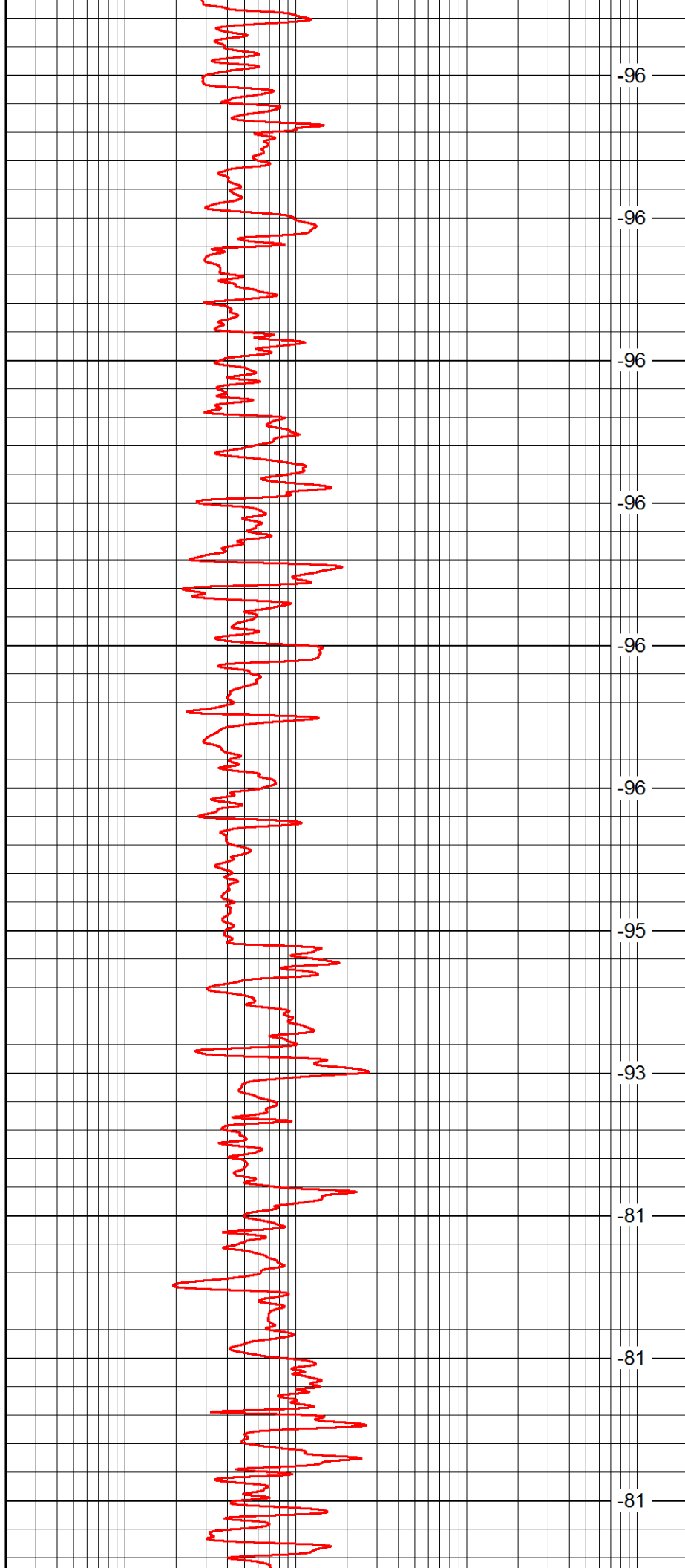
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2550

2600

2650



-96

-96

-96

-96

-96

-96

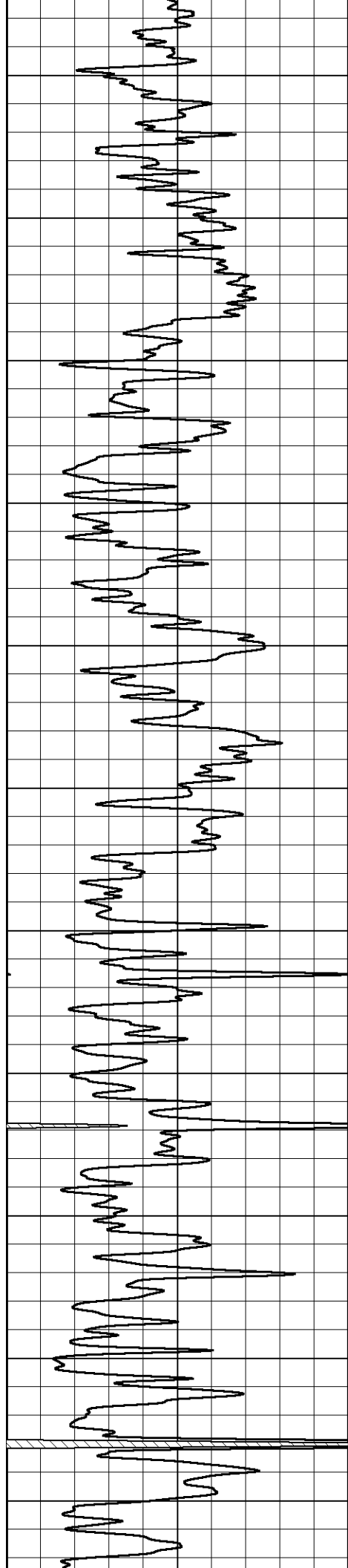
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-93

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2700

2750

2800

2850

2900

2950

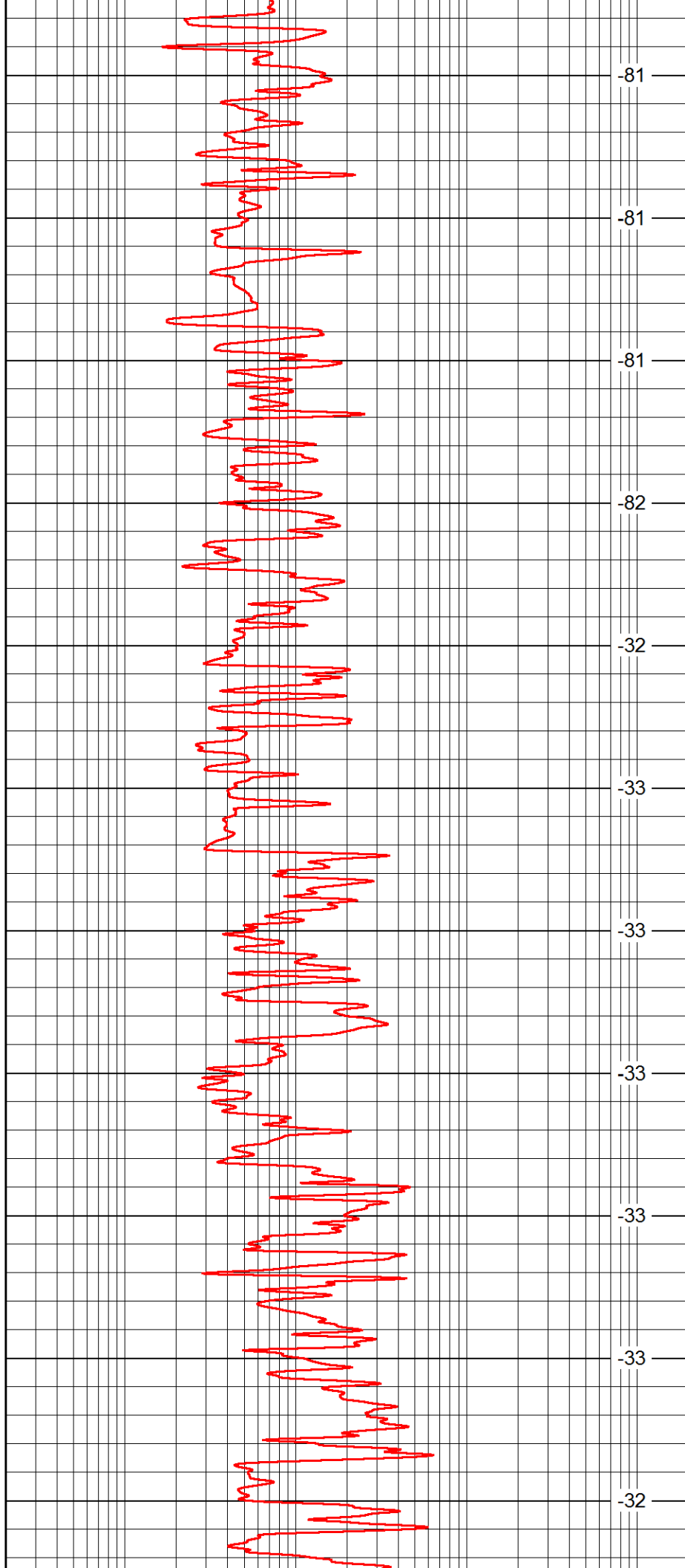
3000

3050

3100

3150

3200



-81

-81

-81

-82

-32

-33

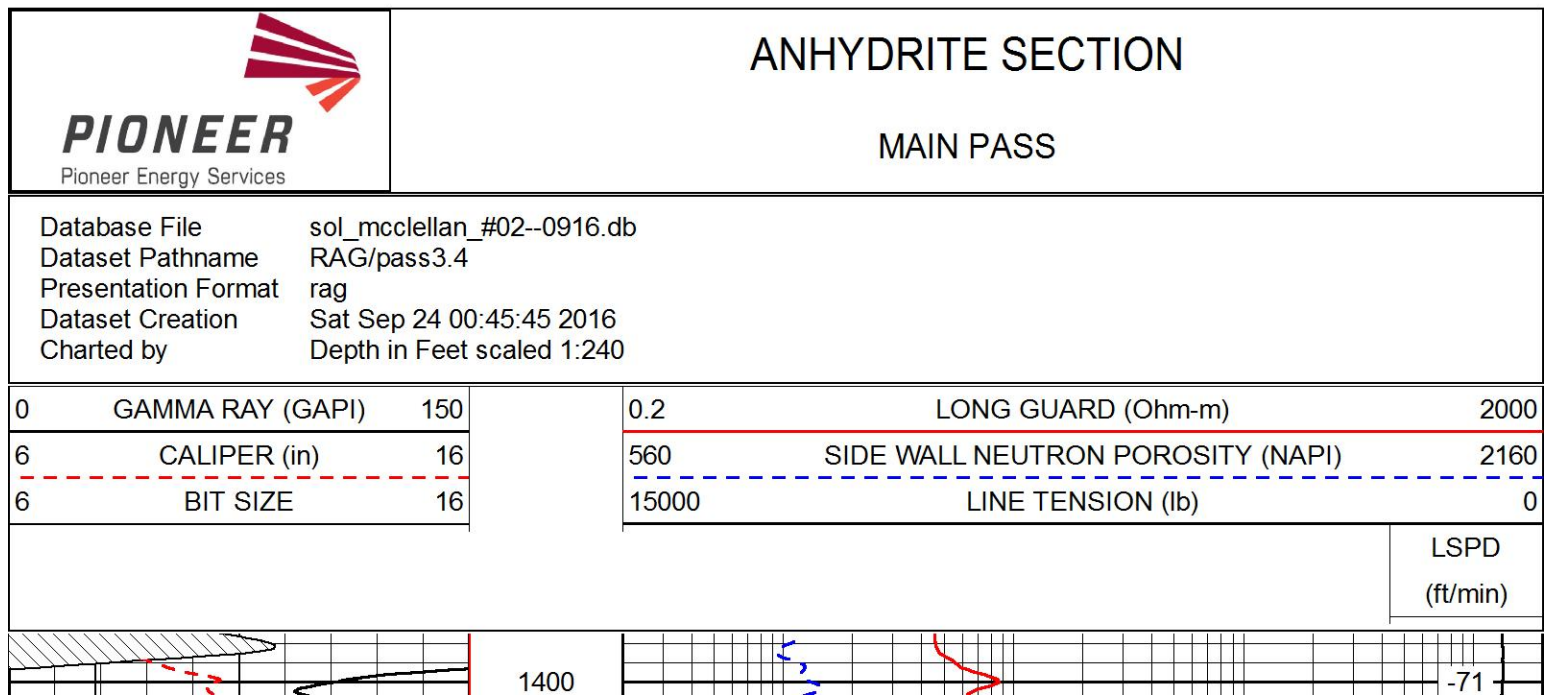
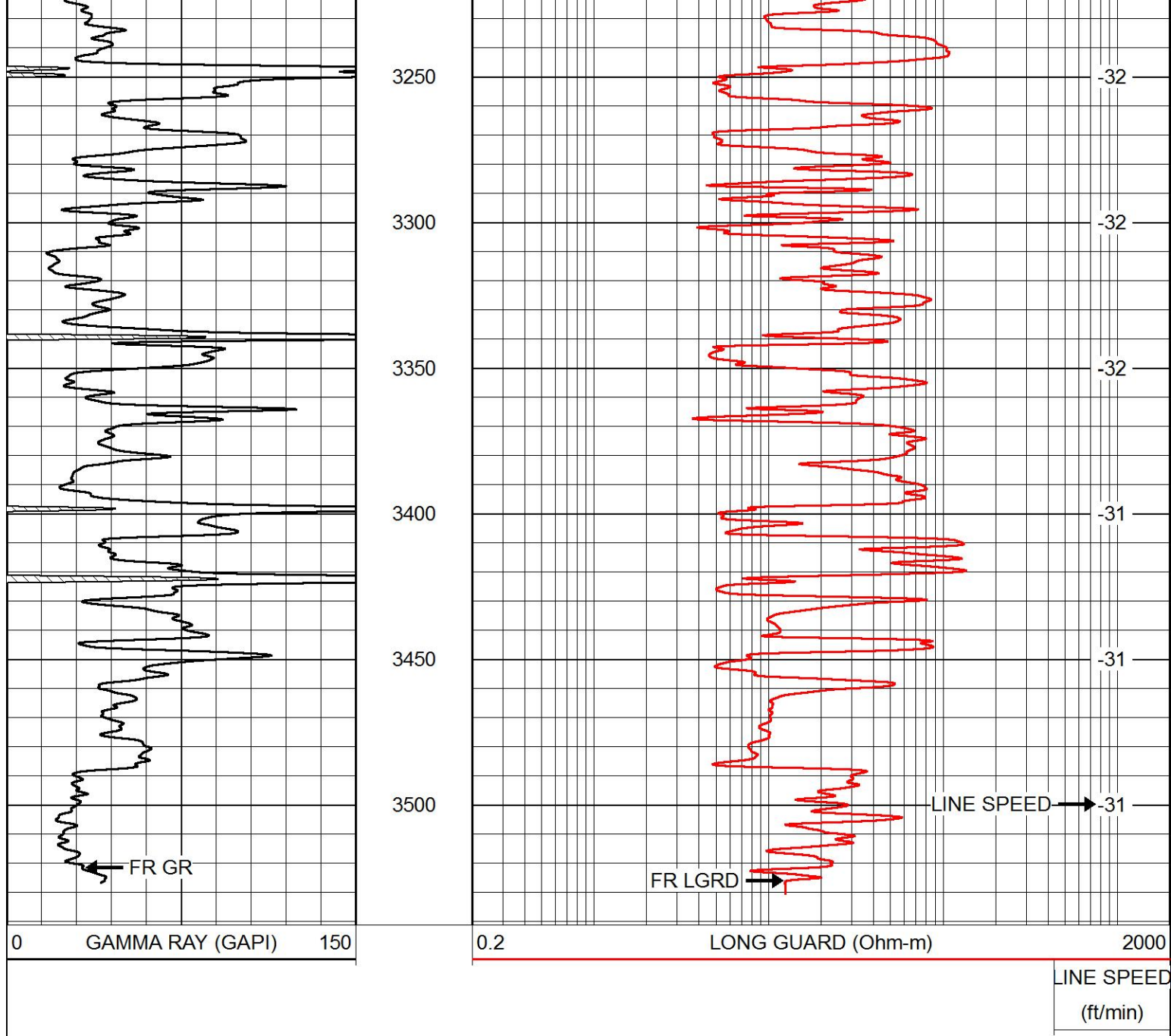
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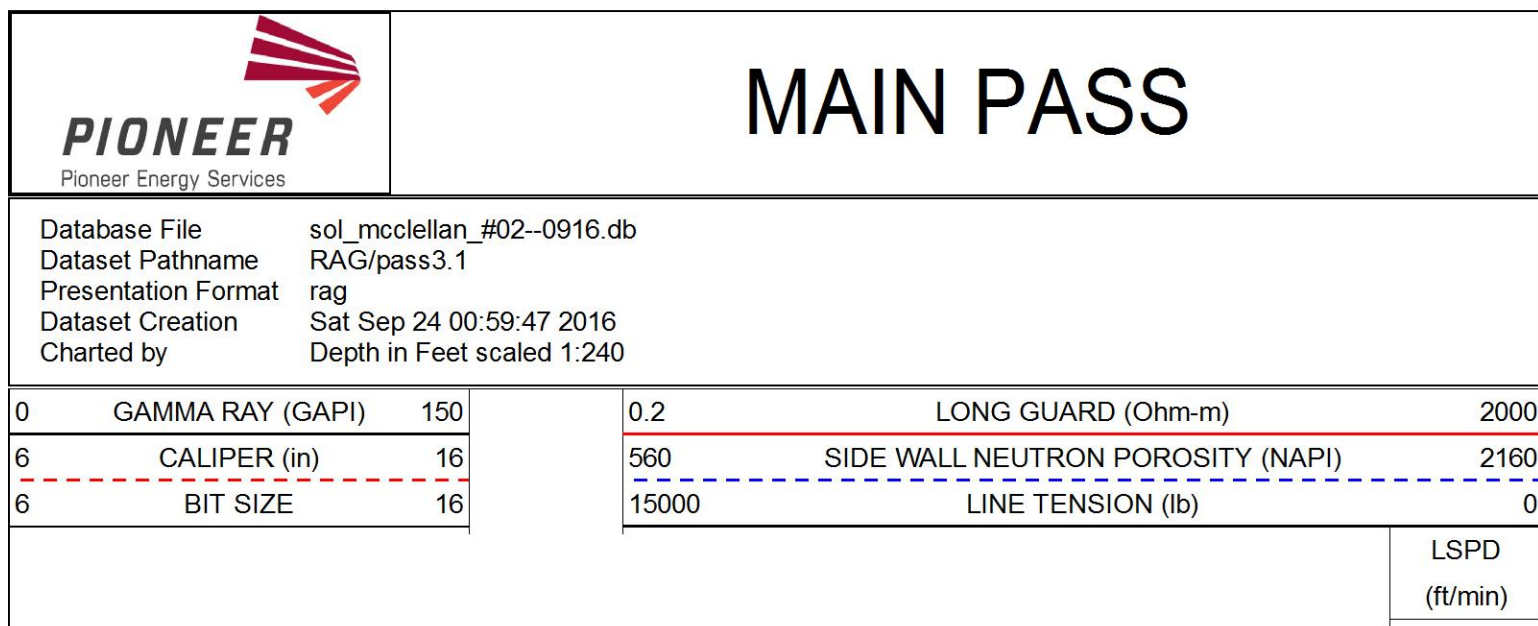
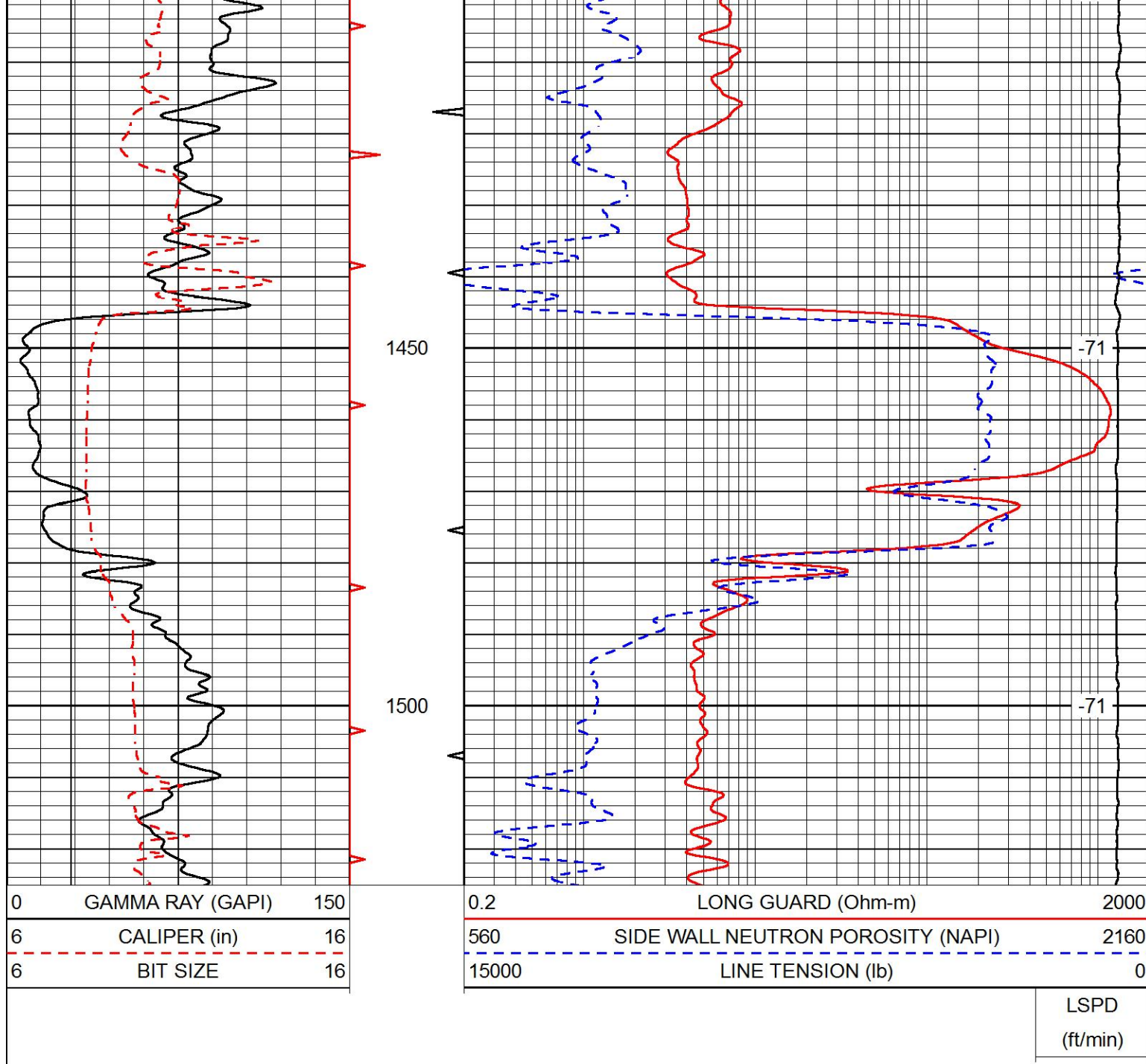
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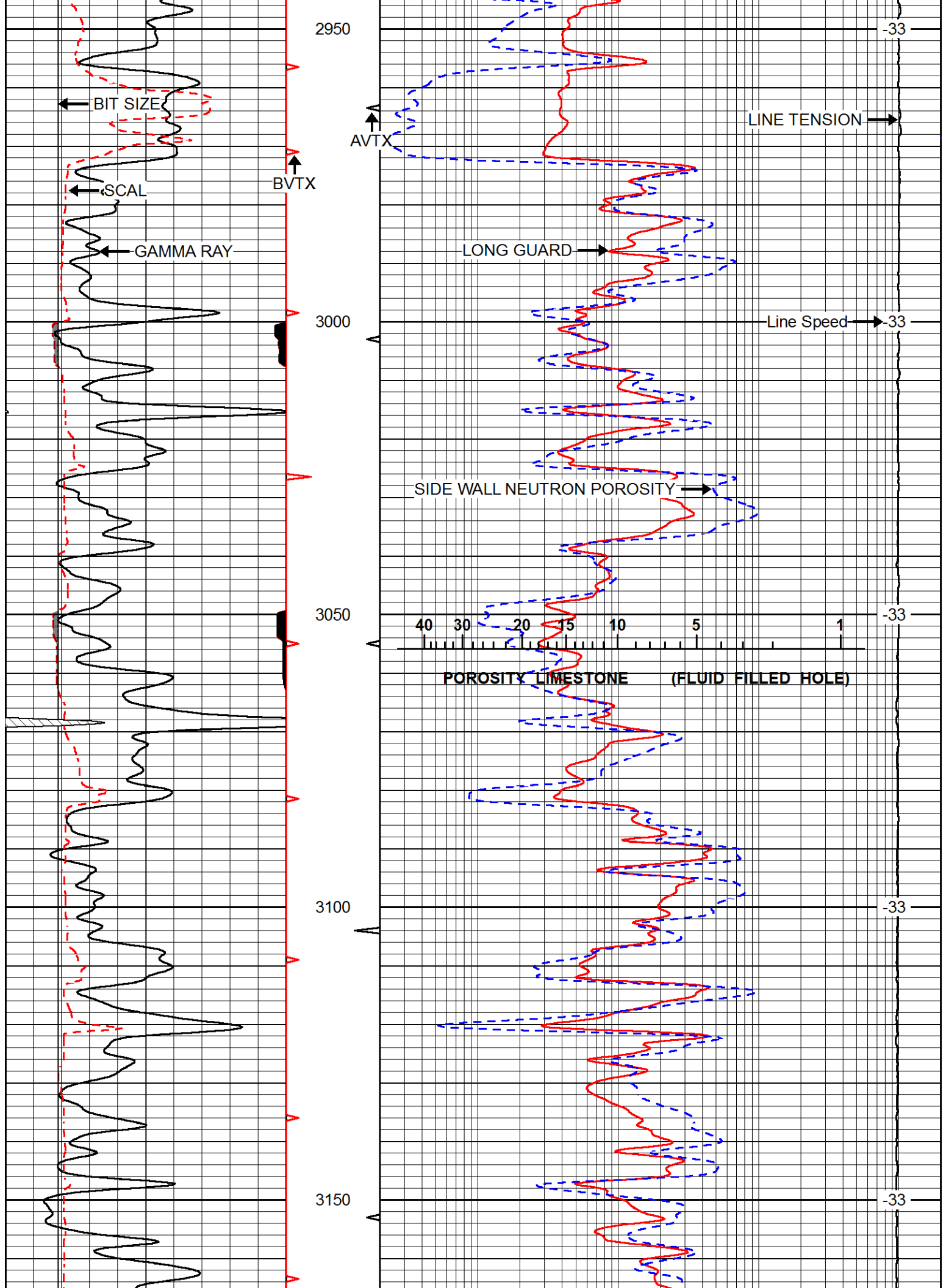
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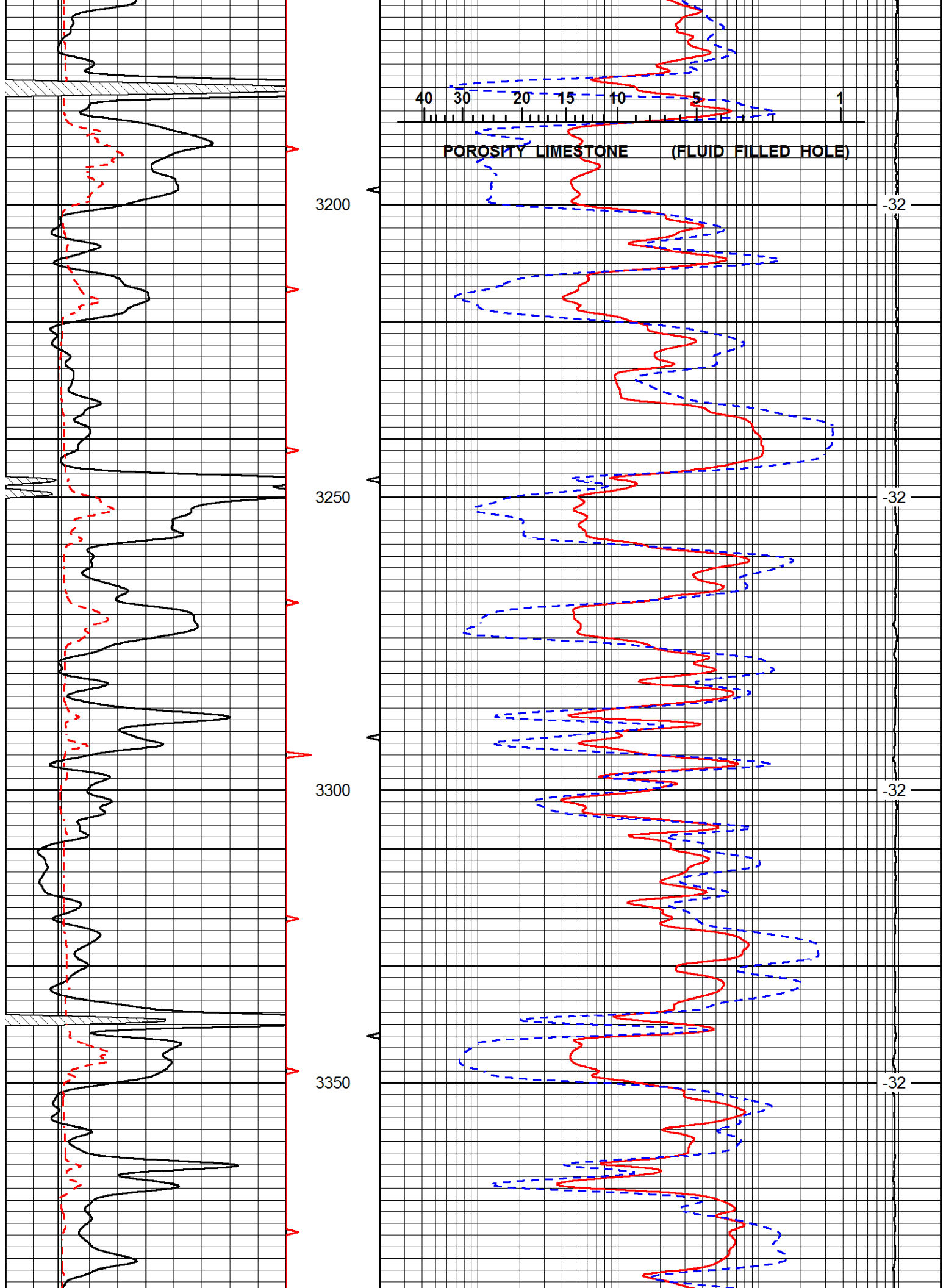
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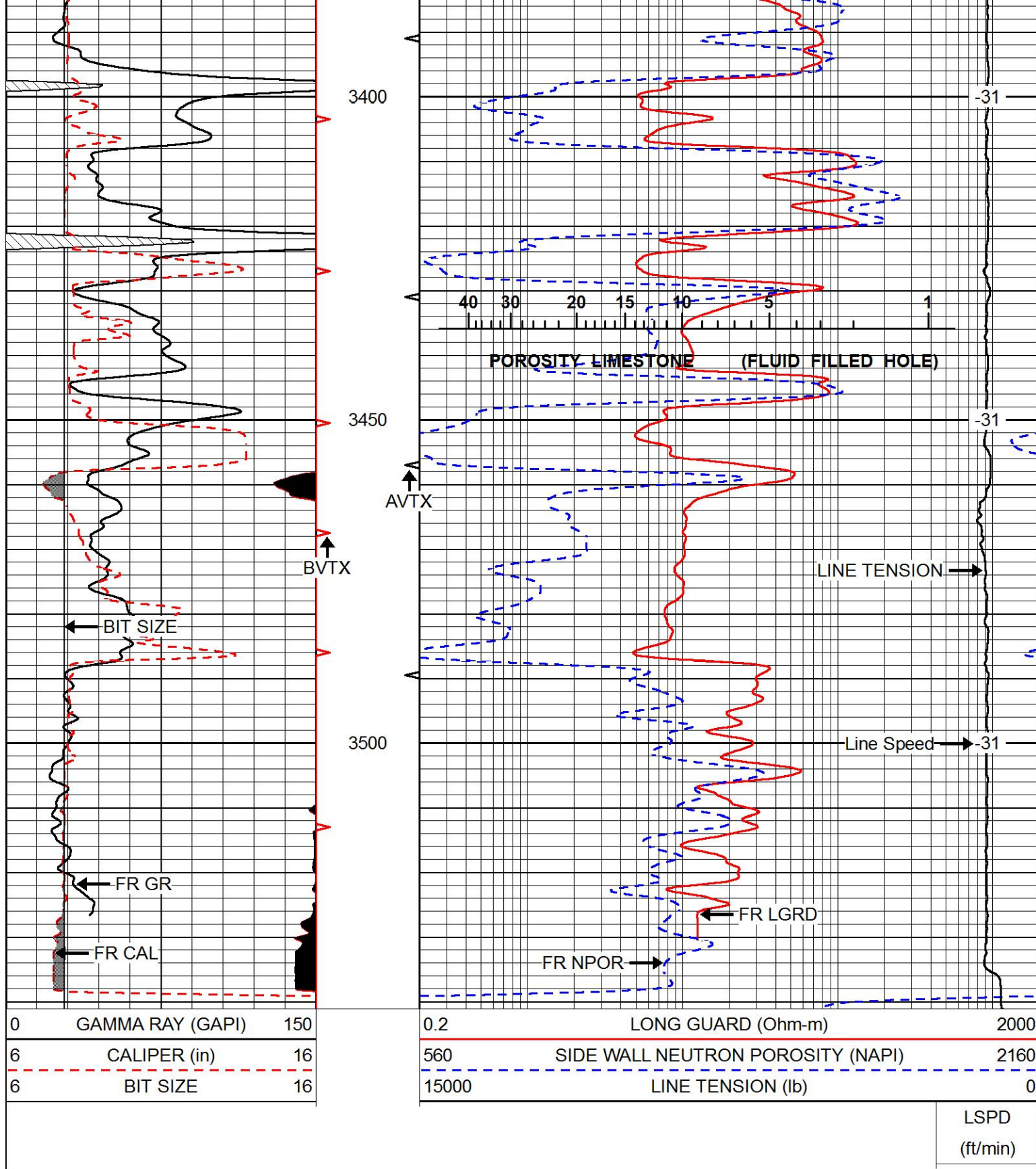
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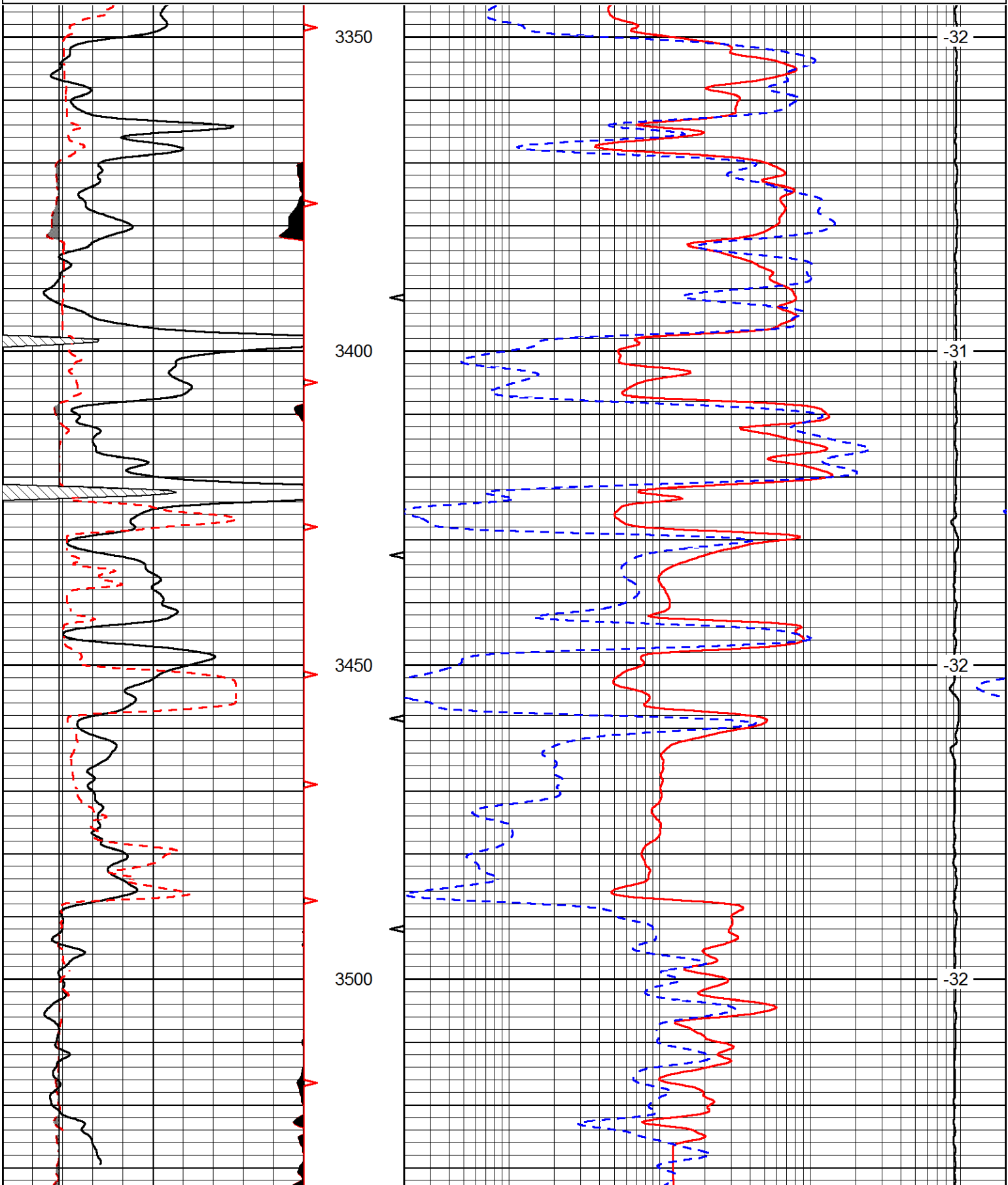




REPEAT SECTION

Database File sol_mcclellan_#02--0916.db
 Dataset Pathname RAG/pass2.1
 Presentation Format rag
 Dataset Creation Sat Sep 24 00:24:15 2016

0	GAMMA RAY (GAPI)	150	0.2	LONG GUARD (Ohm-m)	2000
6	CALIPER (in)	16	560	SIDE WALL NEUTRON POROSITY (NAPI)	2160
6	BIT SIZE	16	15000	LINE TENSION (lb)	0
					LSPD (ft/min)



0	GAMMA RAY (GAPI)	150	0.2	LONG GUARD (Ohm-m)	2000
6	CALIPER (in)	16	560	SIDE WALL NEUTRON POROSITY (NAPI)	2160
6	BIT SIZE	16	15000	LINE TENSION (lb)	0
					LSPD (ft/min)

Calibration Report				
Database File	sol_mcclellan_#02--0916.db			
Dataset Pathname	RAG/pass3.1			
Dataset Creation	Sat Sep 24 00:59:47 2016			
Sidewall Neutron Calibration Report				
Serial Number:		139-130		
Tool Model:		M&W-SP		
SWN Calibration		Tue Aug 30 15:14:50 2016		
Readings	Target	Normalization		
2566.42 cps	1085.00 cps	0.3500		
Caliper Calibration		Tue Aug 30 15:14:50 2016		
Readings	Reference	Gain	Offset	
0.86	4.00	-15.40	17.06	
0.26	14.00			
Gamma Ray Calibration Report				
Serial Number:		89-M&W		
Tool Model:		M&W		
Calibration Performed:		Sun Jul 17 19:05:06 2016		
Calibrator Value:		1000.0	GAPI	
Background Reading:		0.0	cps	
Calibrator Reading:		6.2	cps	
Sensitivity:		0.5200	GAPI/cps	

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