



# Radiation Guard Log

**DIGITAL LOG** (785) 625-3858

API No. 15-147-20,642-00-00

Company **Bach Oil Production**  
 Well **Becker No. 1**  
 Field **Wildcat**  
 County **Phillips** State **Kansas**  
 Location **SE SW NE SW**  
**1,420' FSL & 1,720' FWL**  
 Sec: **30** Twp: **4 S** Rge: **20 W**

Permanant Datum **Ground Level** Elevation **2038**  
 Log Measured From **Kelly Bushing** **5** Ft. Above Perm. Datum  
 Drilling Measured From **Kelly Bushing**

Other Services  
None  
 Elevation  
K.B. 2043  
D.F. Datum  
G.L. 2038

Date	4/17/2011
Run Number	One
Depth Driller	3510
Depth Logger	3503
Bottom Logged Interval	3502
Top Log Interval	200
Casing Driller	8.625 @ 211
Casing Logger	216
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity.ppm CL	800
Density / Viscosity	9   56
pH / Fluid Loss	10.5   8
Source of Sample	Flowline
Rm @ Meas. Temp	1.50 @ 54
Rmf @ Meas. Temp	1.13 @ 54
Rmc @ Meas. Temp	2.03 @ 54
Source of Rmf / Rmc	Charts
Rm @ BHT	.73 @ 111
Operating Rig Time	3 Hours
Max Rec. Temp. F	111
Equipment Number	10
Location	Hays
Recorded By	Jim Schuler
Witnessed By	Bob Peterson

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, 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. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

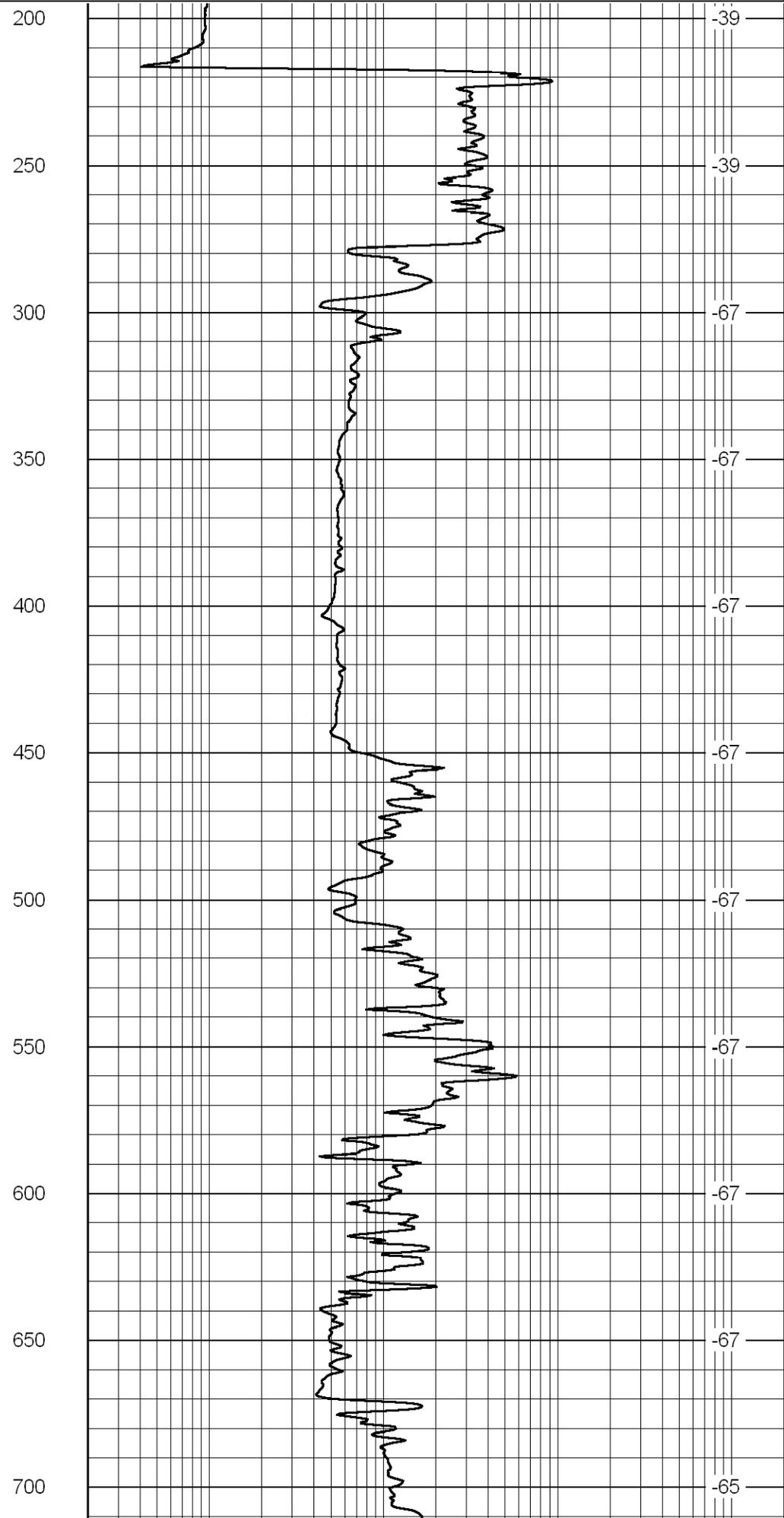
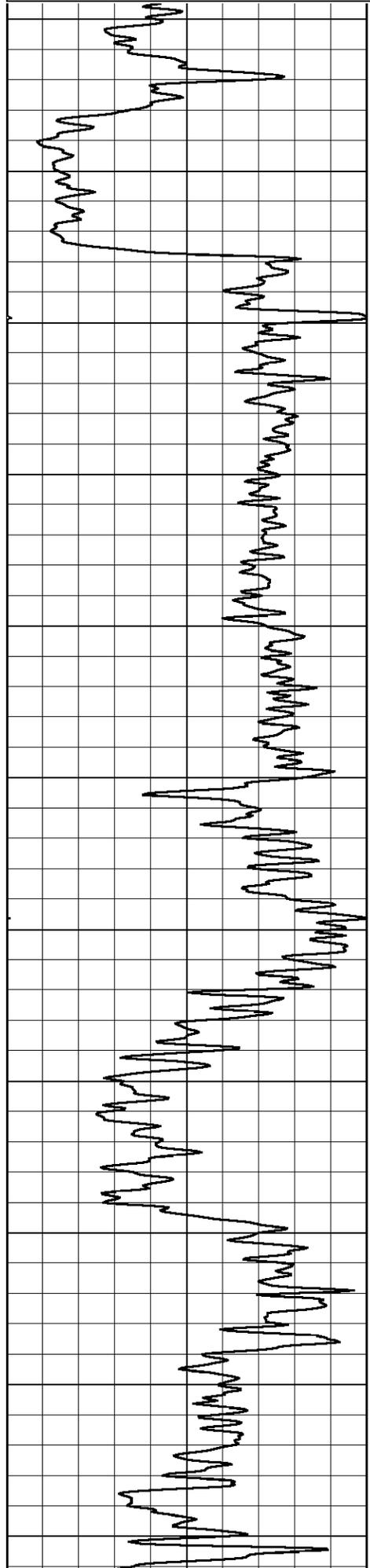
### Comments

Thank you for using Log-Tech, Inc.  
 (785) 625-3858

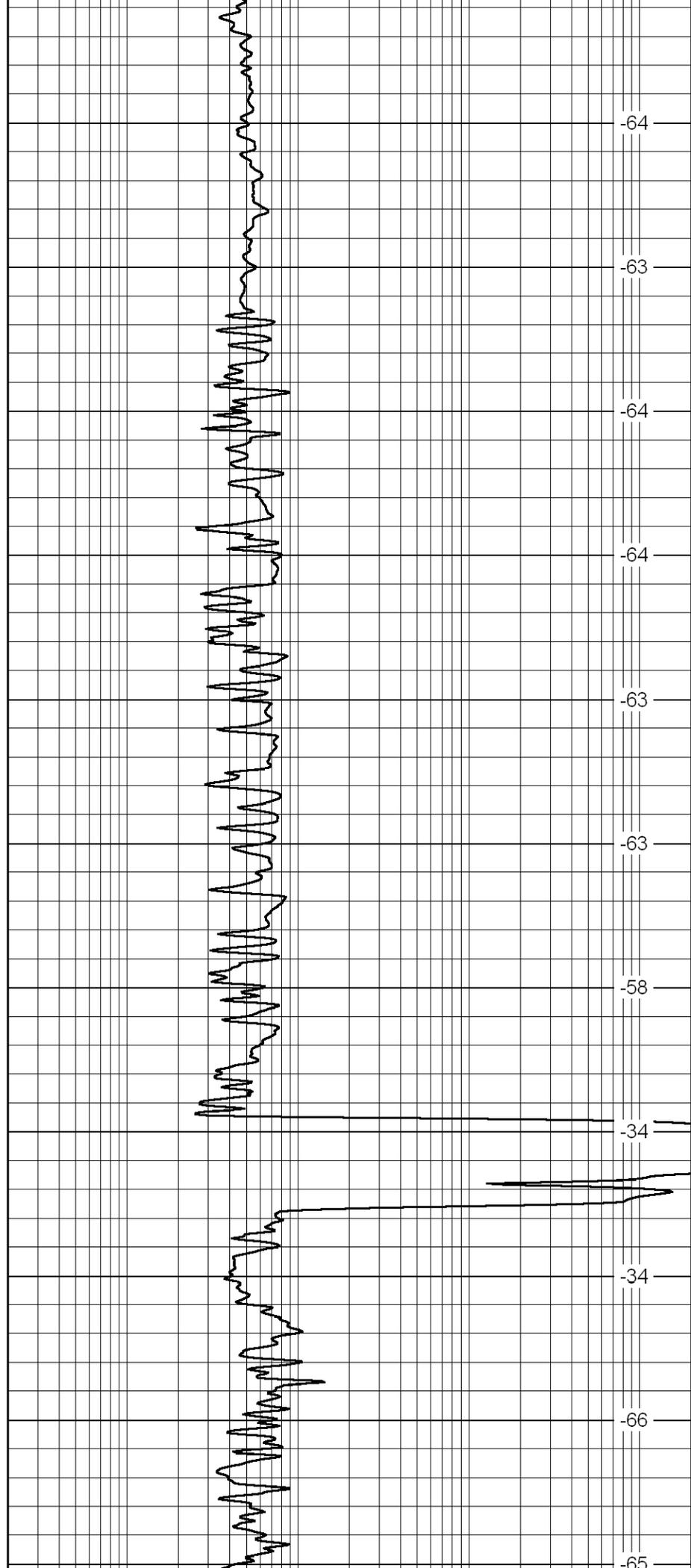
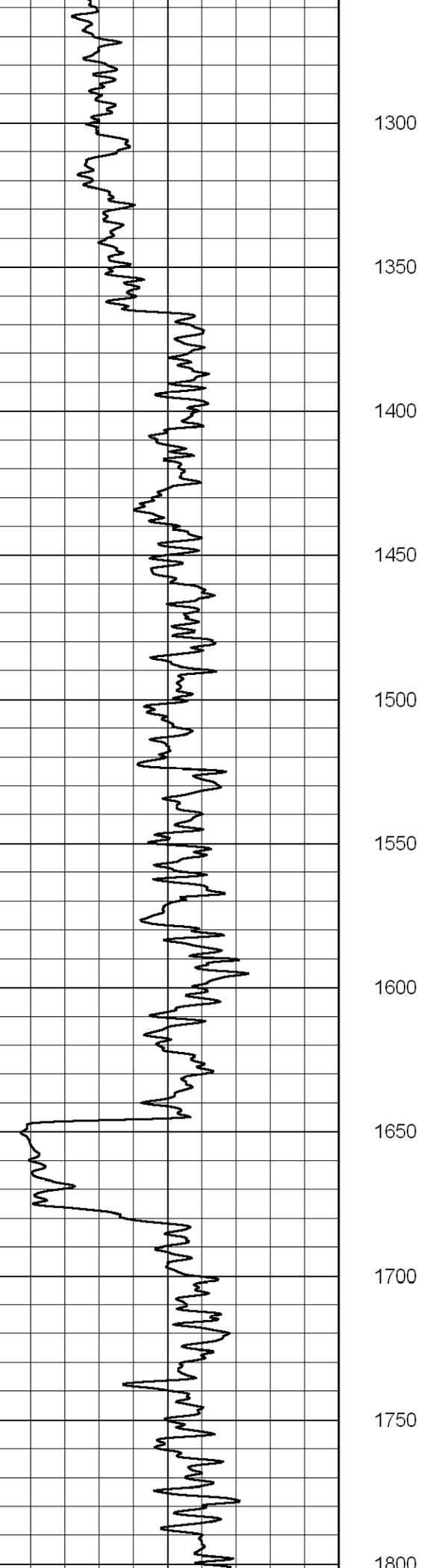
Logan, Kansas, West 2 1/2 Miles, North Into

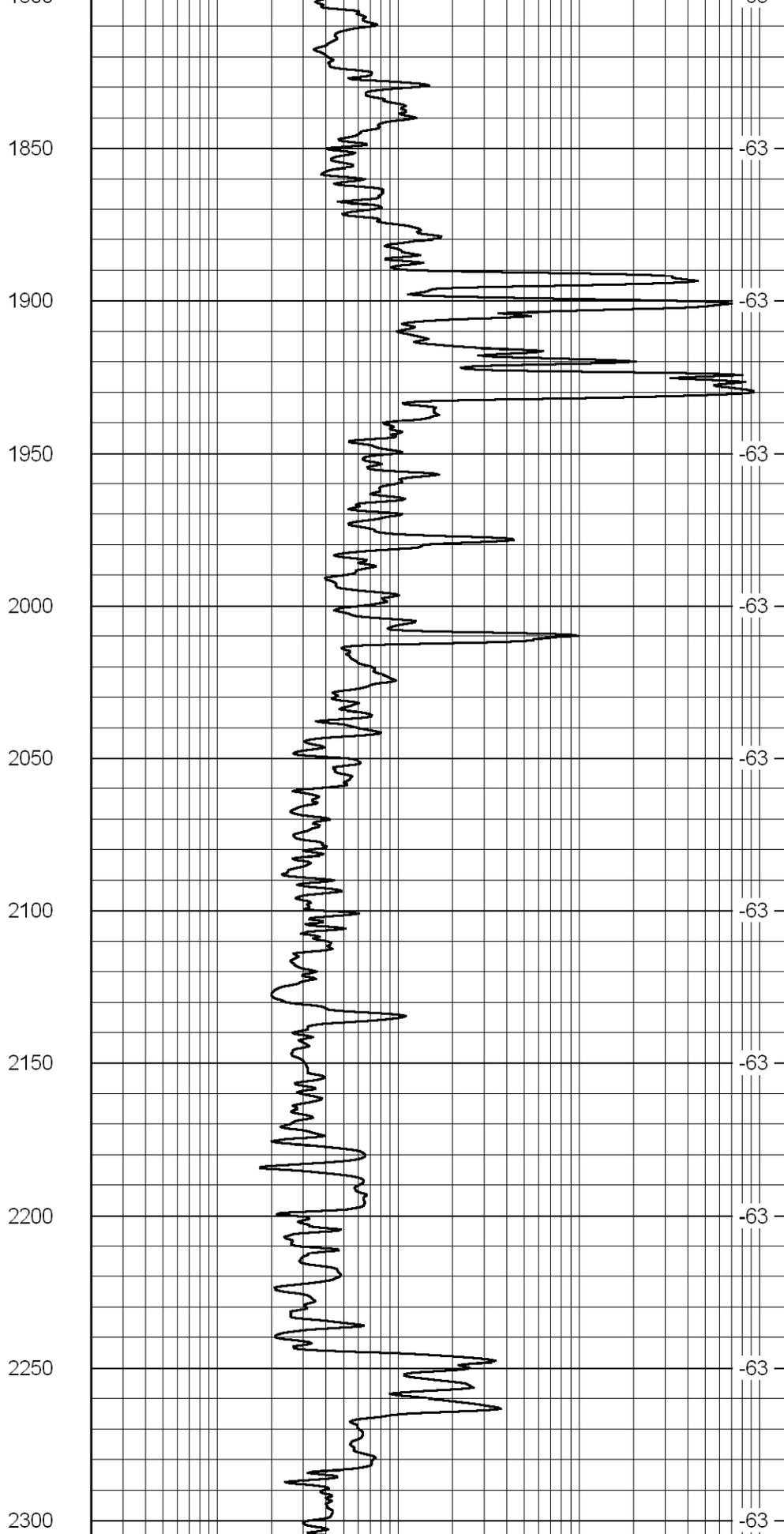
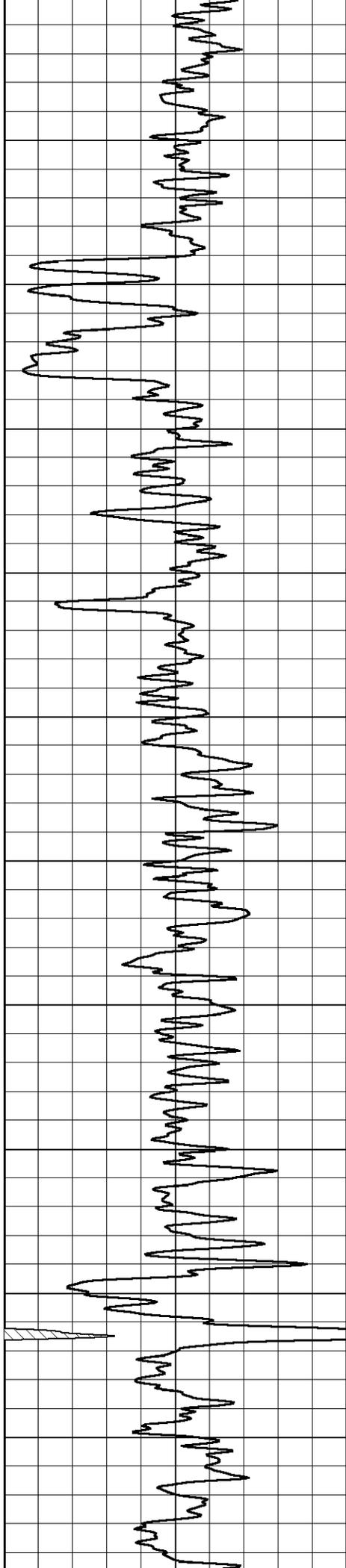
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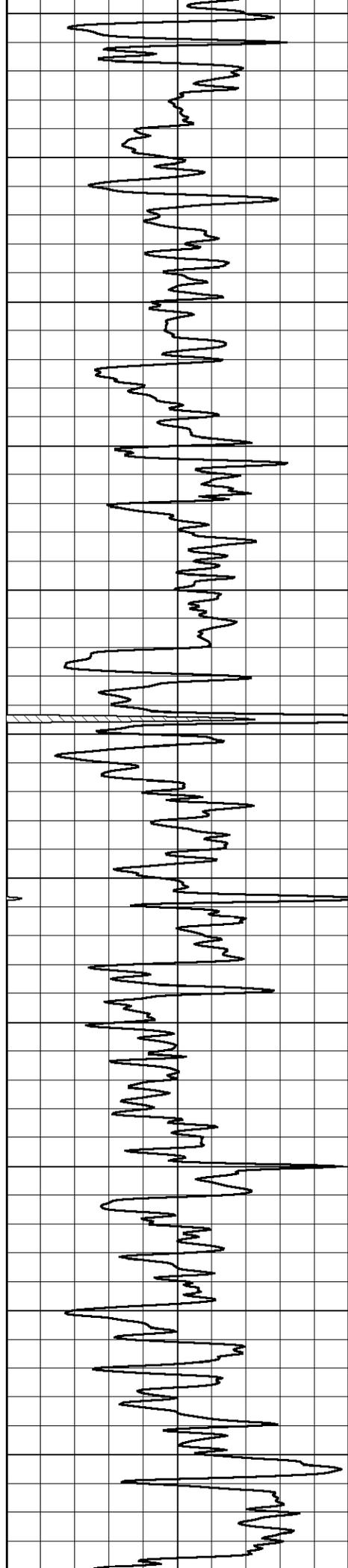
LSPD



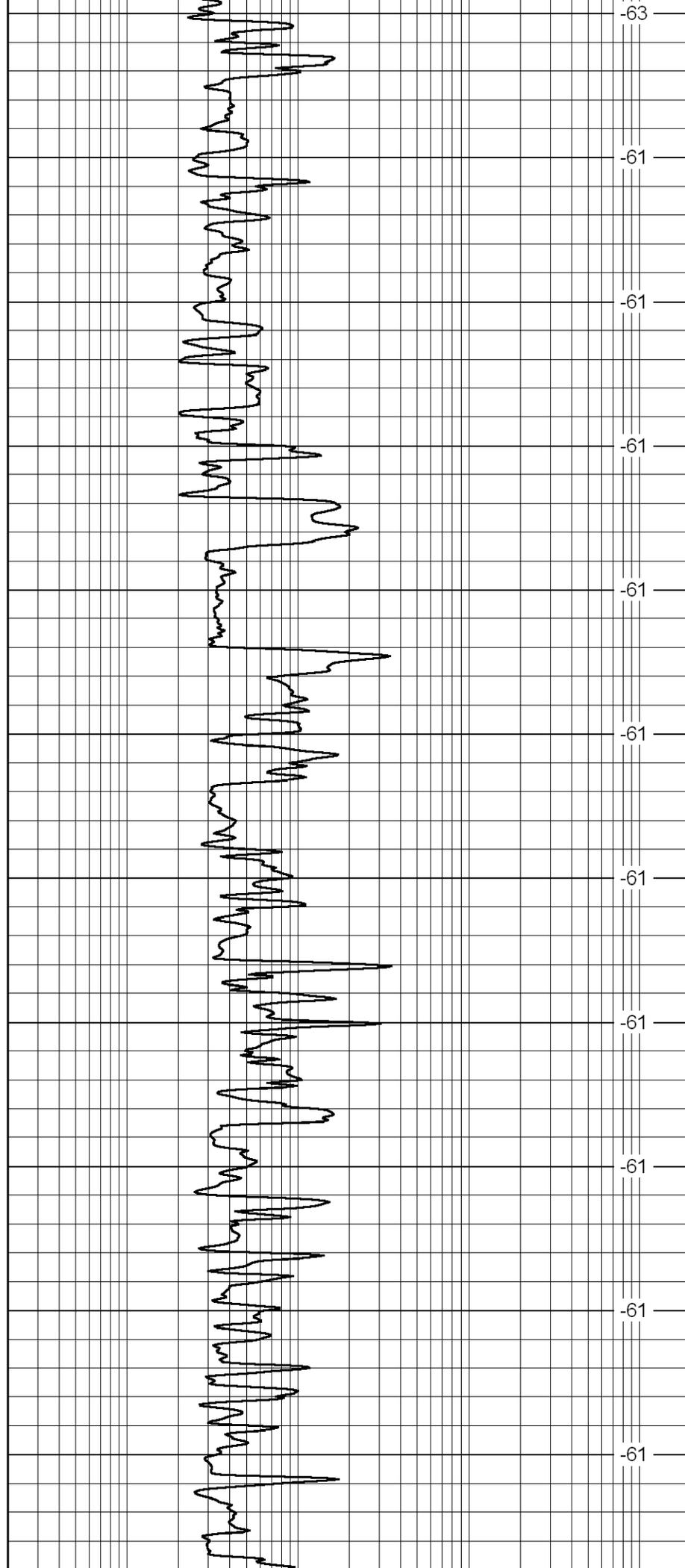




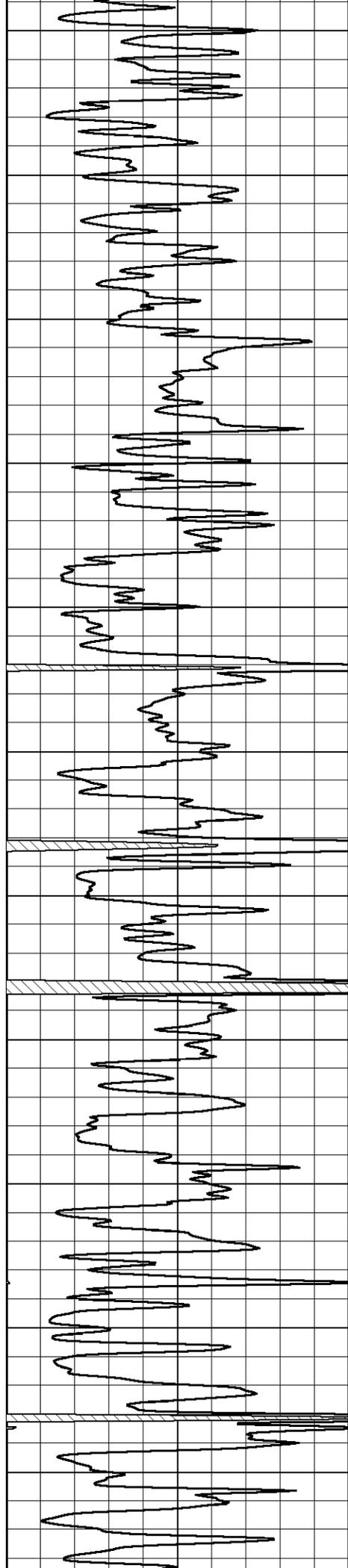




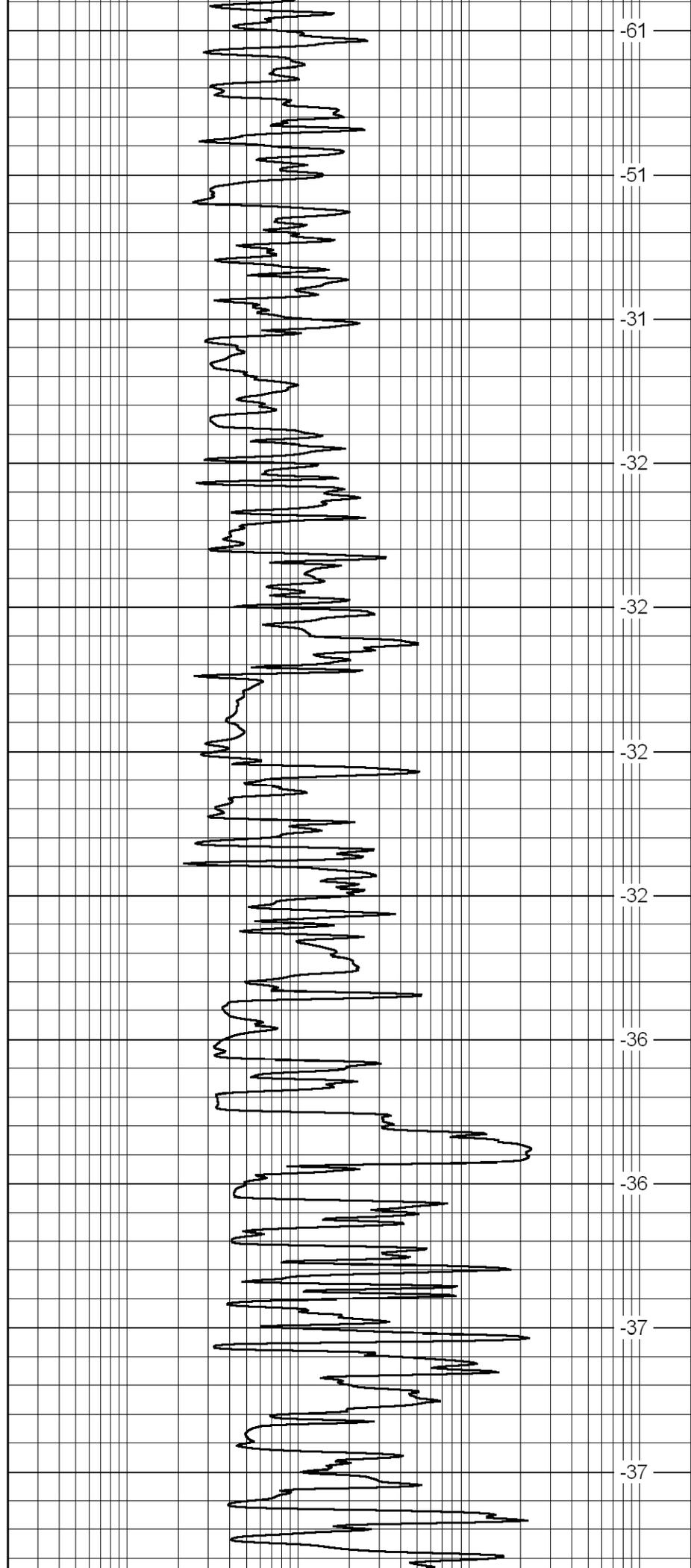
2350  
2400  
2450  
2500  
2550  
2600  
2650  
2700  
2750  
2800  
2850



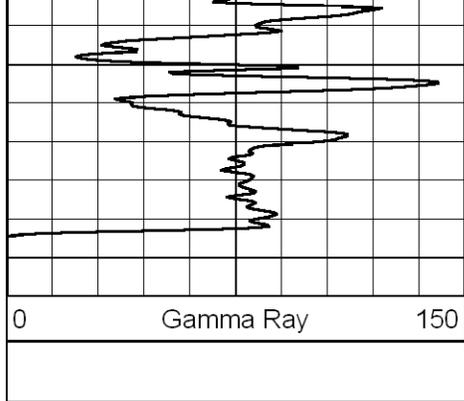
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-61  
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2900  
2950  
3000  
3050  
3100  
3150  
3200  
3250  
3300  
3350  
3400



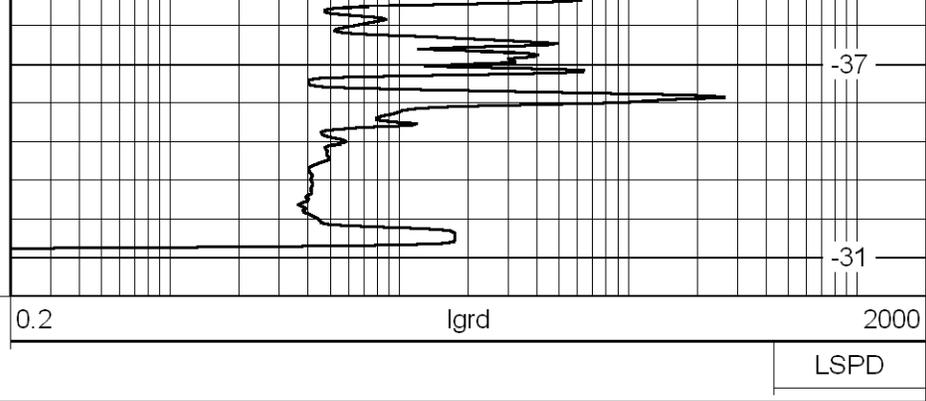
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-51  
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-37



3450

3500

0 Gamma Ray 150



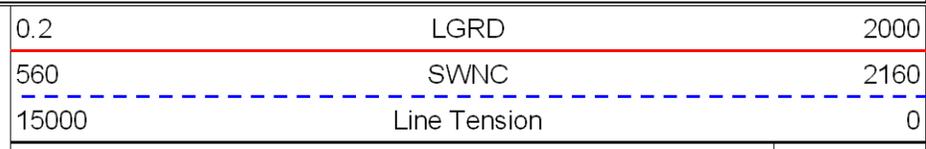
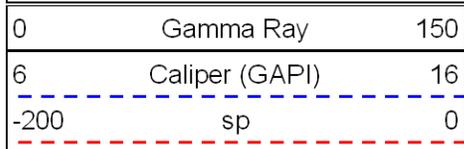
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-31

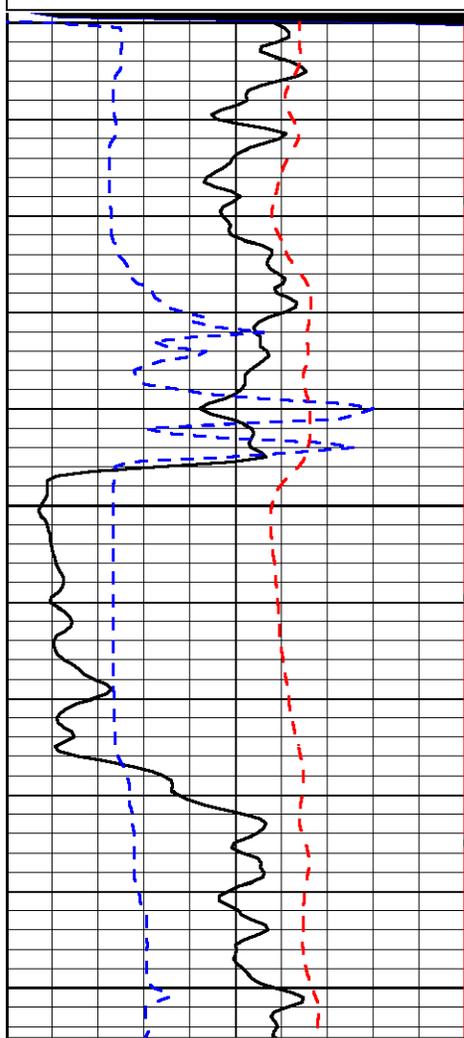
0.2 LGRD 2000

LSPD

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LSPD

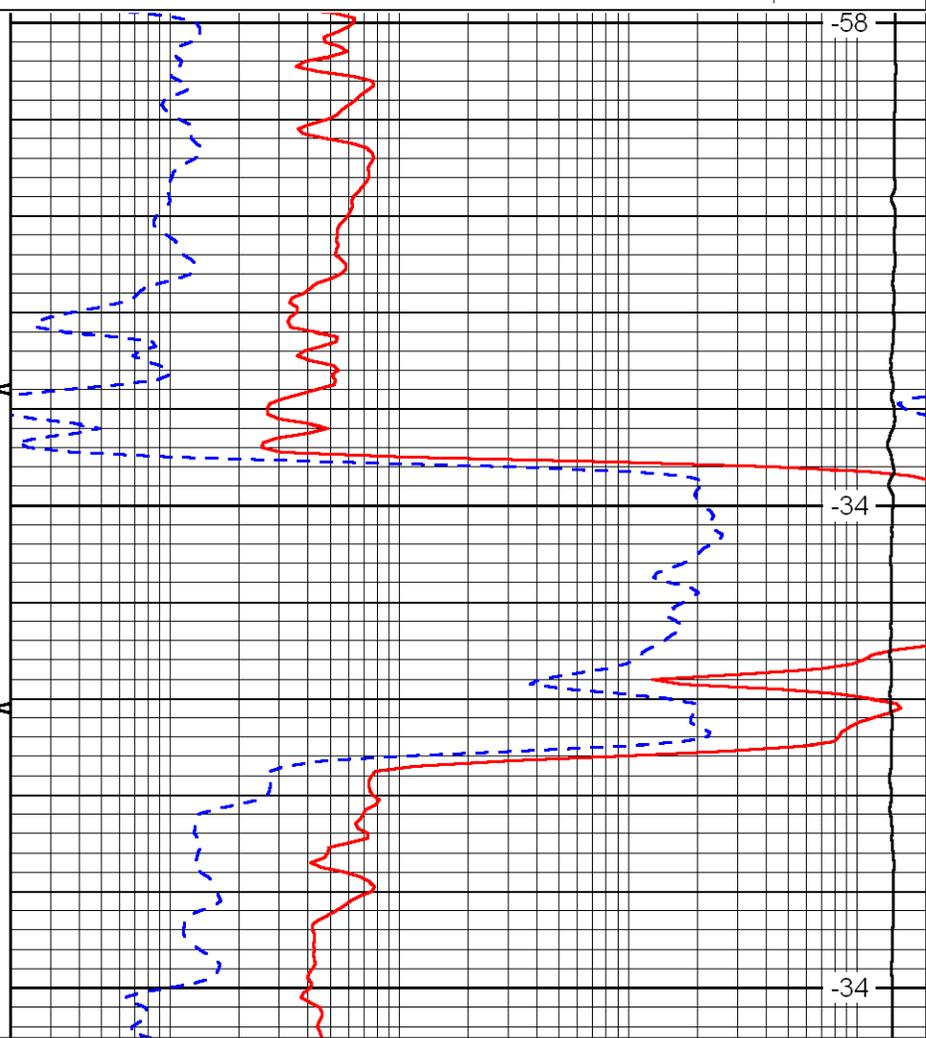


1600

1650

1700

0 Gamma Ray 150  
 6 Caliper (GAPI) 16  
 -200 sp 0



-58

-34

-34

0.2 LGRD 2000  
 560 SWNC 2160  
 15000 Line Tension 0

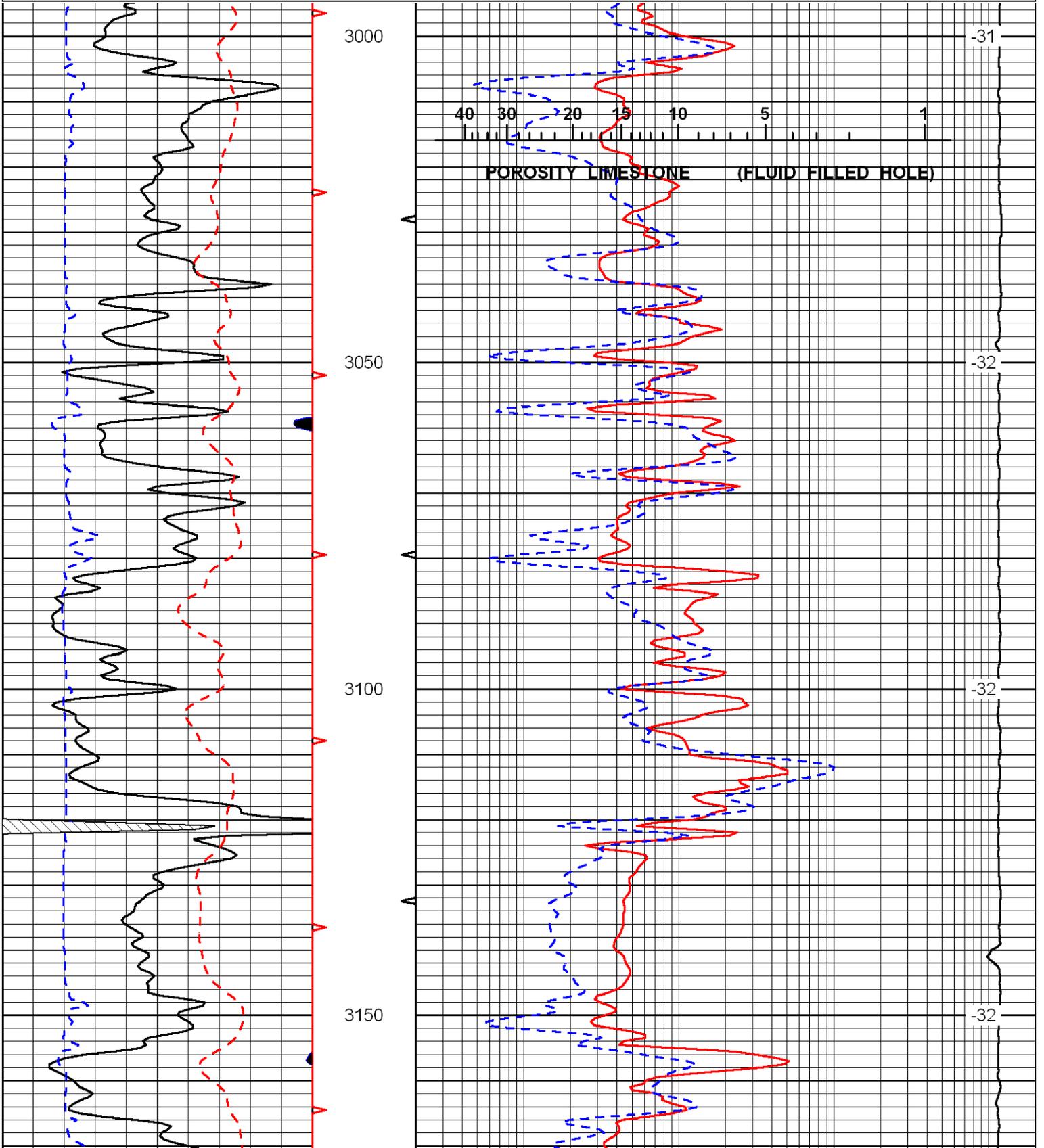
LSPD

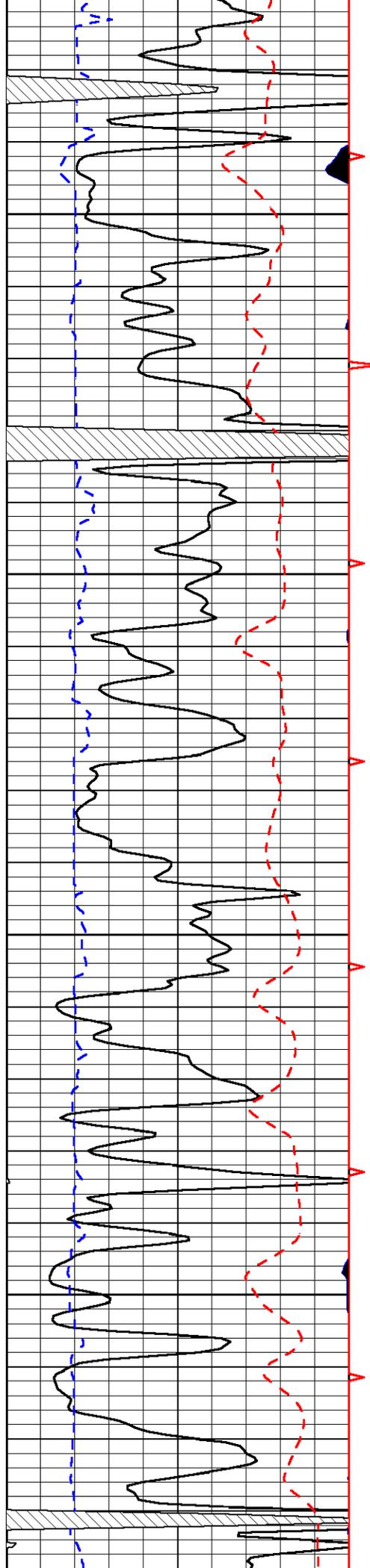
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 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Caliper (GAPI)	16
-200	sp	0

0.2	LGRD	2000
560	SWNC	2160
15000	Line Tension	0

LSPD



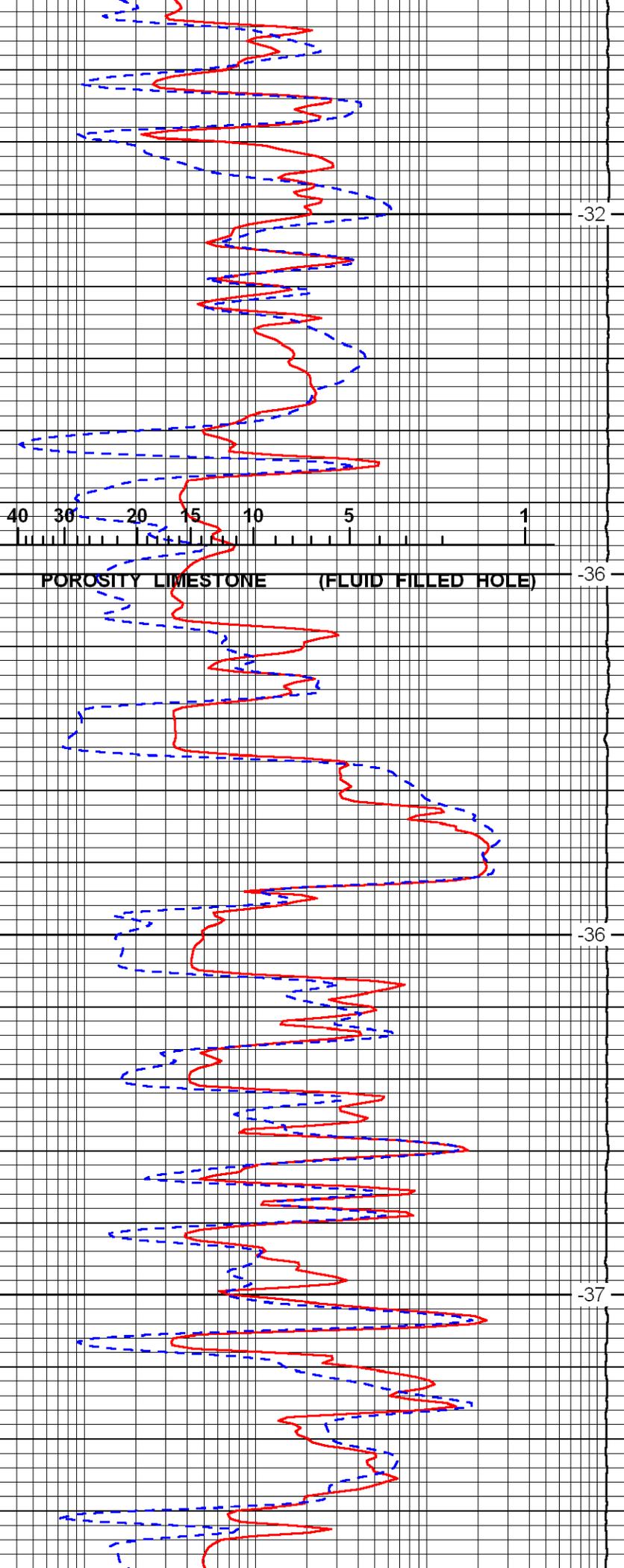


3200

3250

3300

3350



-32

-36

-36

-37

40 30 20 15 10 5 1

POROSITY LIMESTONE (FLUID FILLED HOLE)

