



DIGITAL LOG (785) 625-3858

Dual Compensated Porosity Log

15-015-23,940-00-00

API No. 15-015-23,940-00-00

Company Range Oil Company, Inc.
 Well Bowman No. 1
 Field Rose Hill
 County Butler State Kansas

Location 940' FSL & 980' FWL

Sec: 4 Twp: 29 S Rge: 3 E

Permanent Datum Ground Level Elevation 1314
 Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
 Drilling Measured From Kelly Bushing

Other Services
 DIL

Elevation
 K.B. 1324
 D.F. 1314
 G.L. 1314

Date	5/12/2012	
Run Number	Two	
Type Log	CNL / CDL	
Depth Driller	3185	
Depth Logger	3184	
Bottom Logged Interval	3182	
Top Logged Interval	1700	
Type Fluid In Hole	Chemical	
Salinity, PPM CL	1,400	
Density Level	9.2	
Level	Full	
Max. Rec. Temp. F	108	
Operating Rig Time	3 1/2 Hours	
Equipment -- Location	17 Hays	
Recorded By	D. Martin	
Witnessed By	Roger Martin	

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	218	8.625	24#	00	218
2	7.875	218	3185				

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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

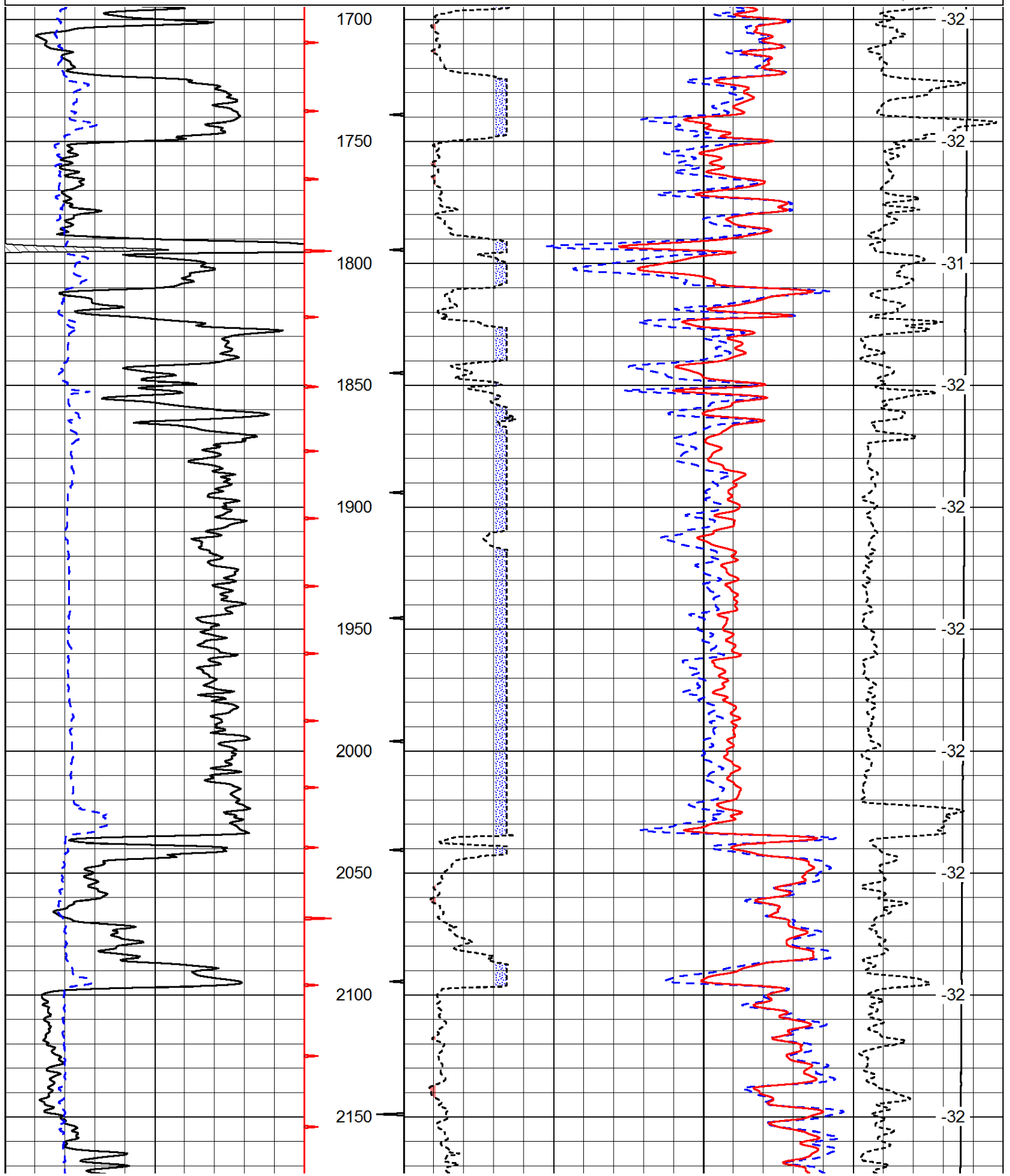
Thank you for using Log-Tech, Inc.
 (785) 625-3858

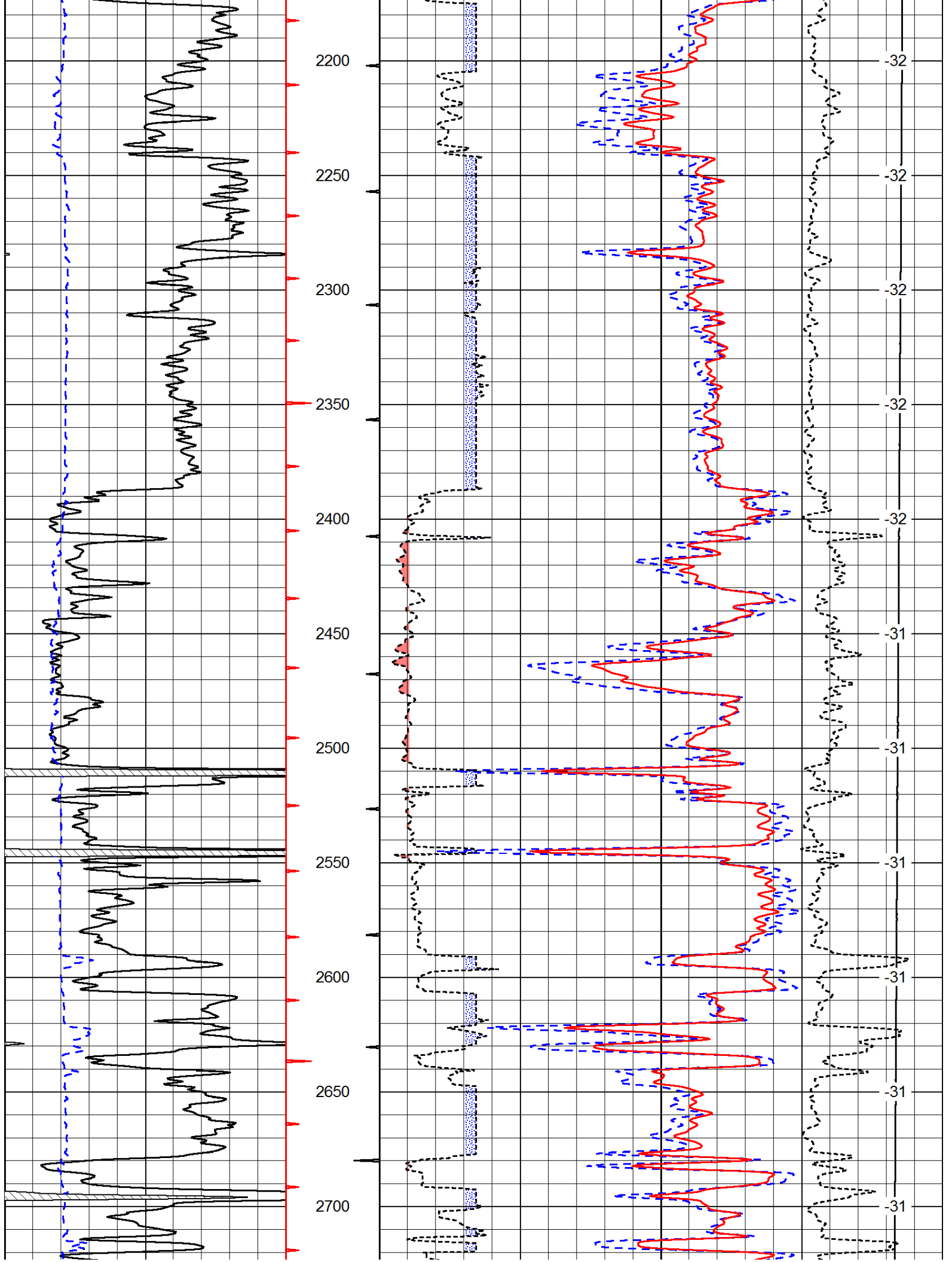
Rose Hill, KS
 S Edge of Town to 190 Rd.,
 1 E to Prarie Creek Rd., 1/4 N, E Into

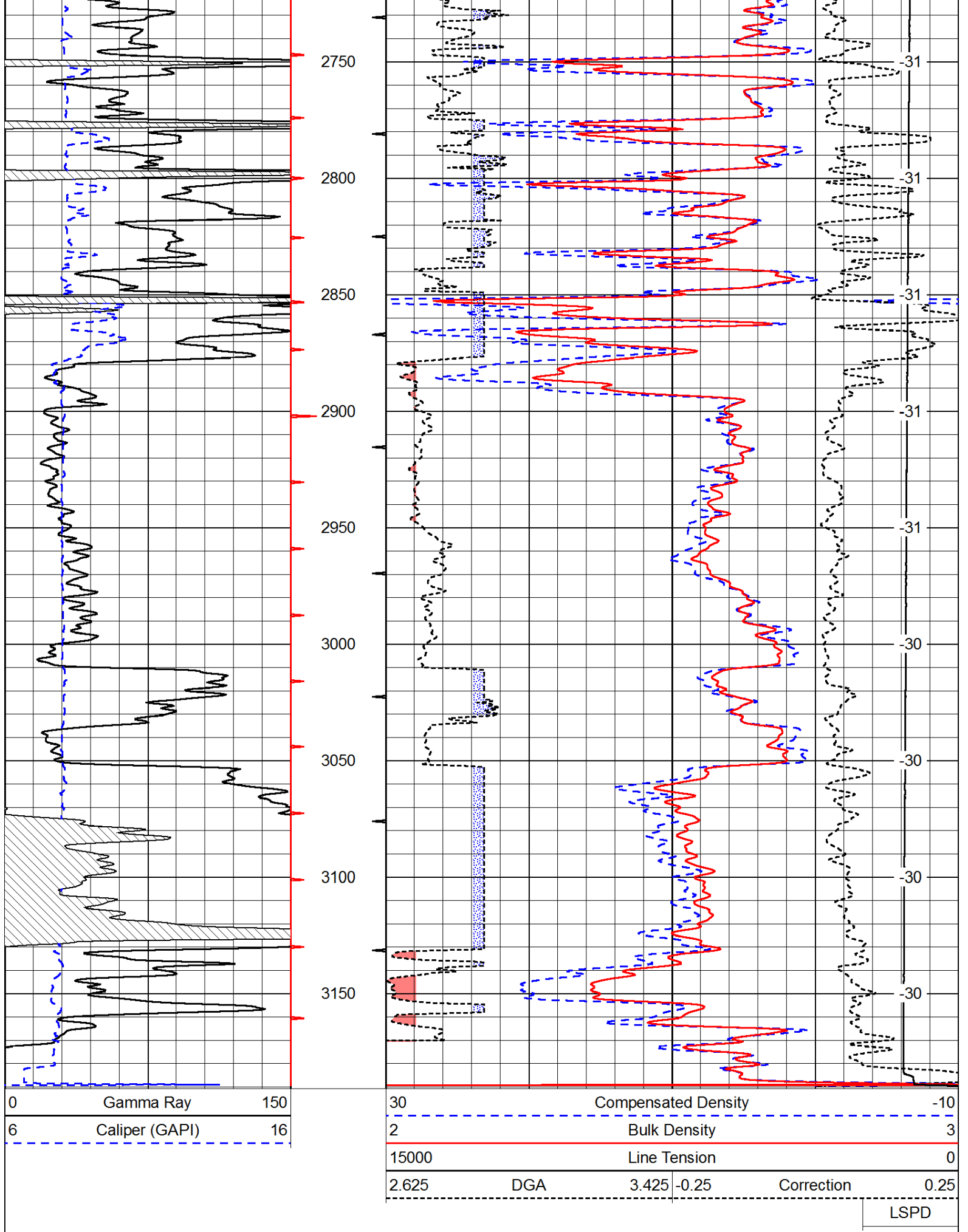
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 Dataset Pathname: dil/ranstk
 Presentation Format: cdl
 Dataset Creation: Sat May 12 07:40:20 2012
 Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
6	Caliper (GAPI)	16

30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
			Correction
			0.25
LSPD			





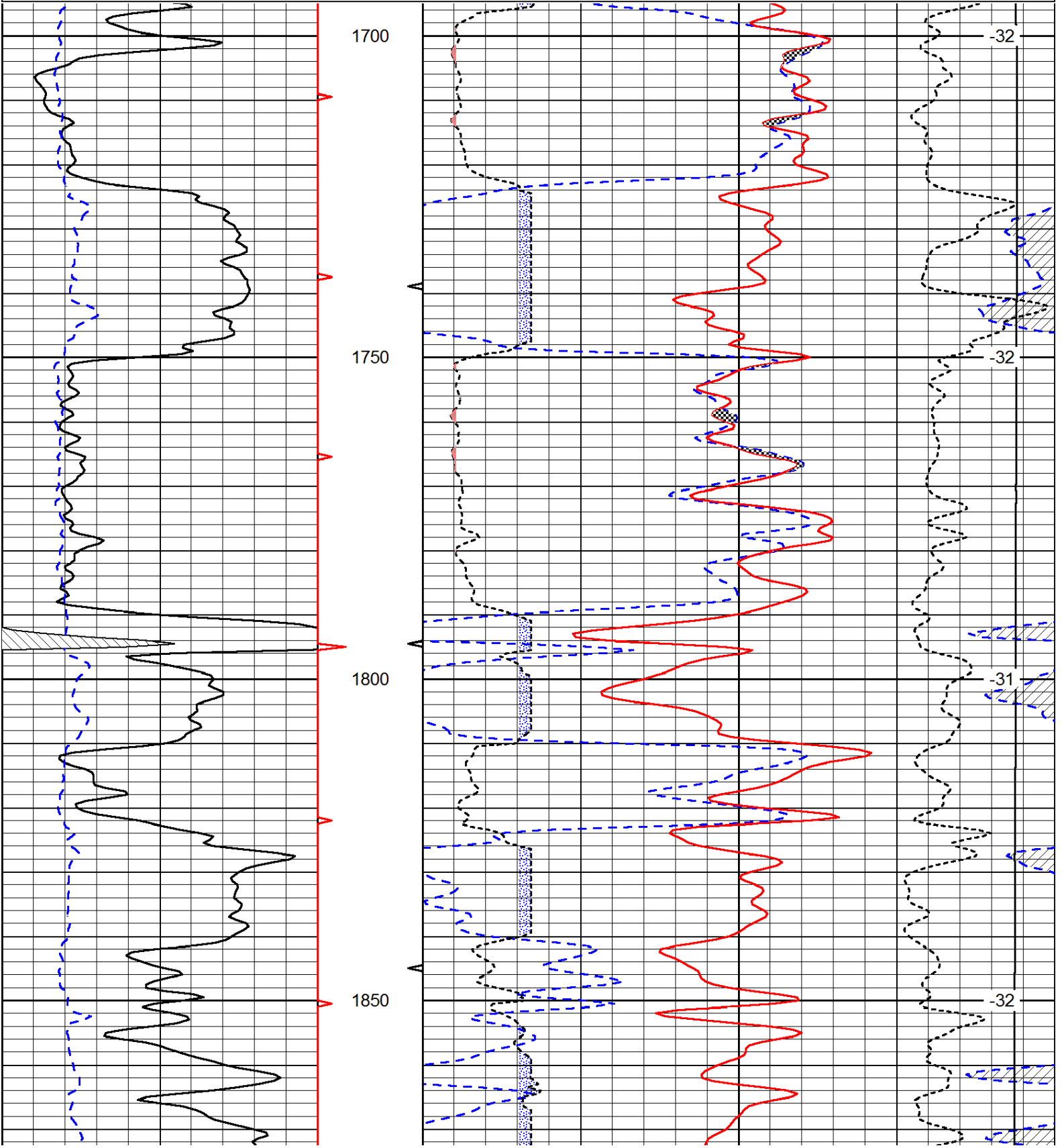


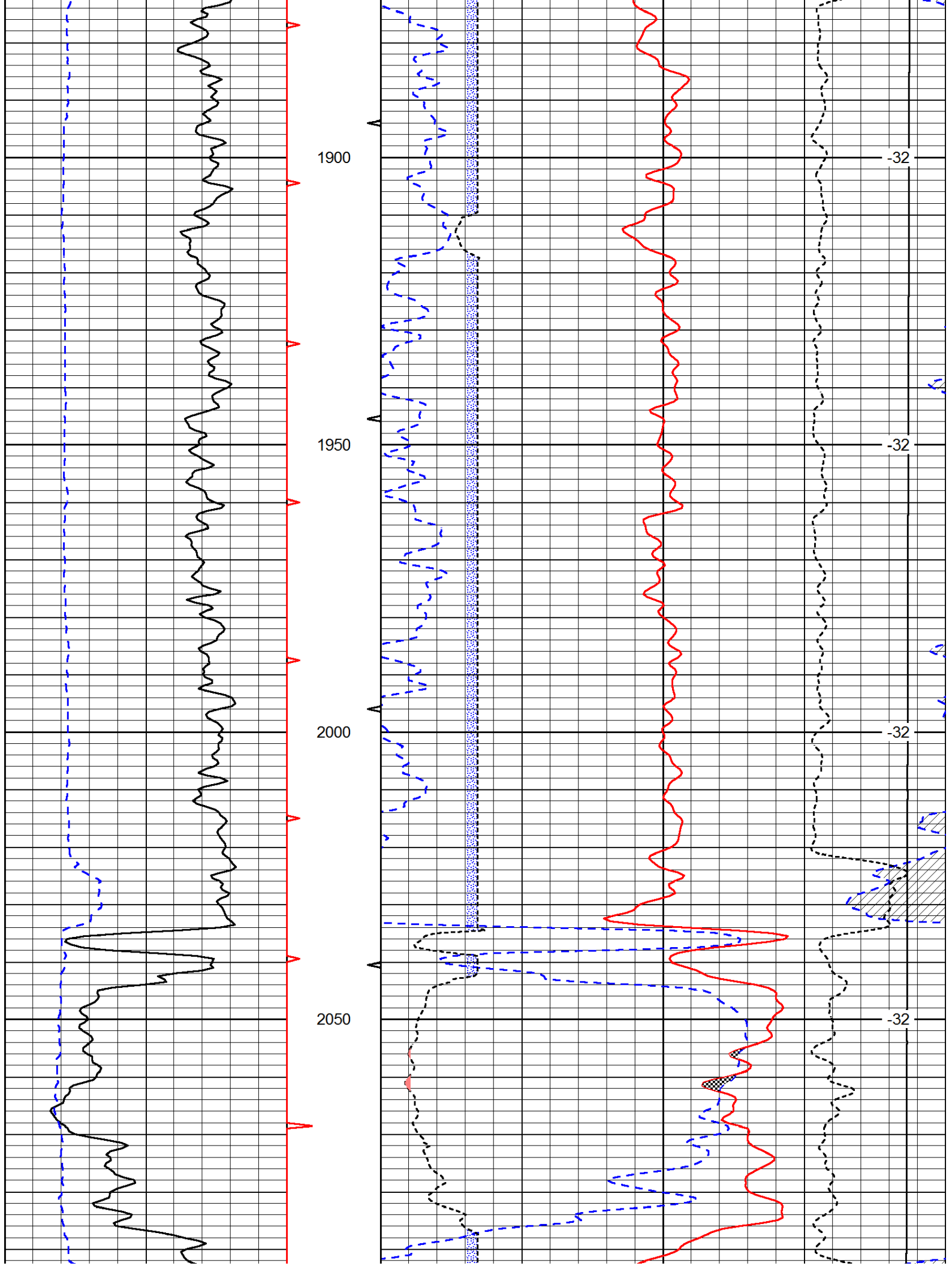
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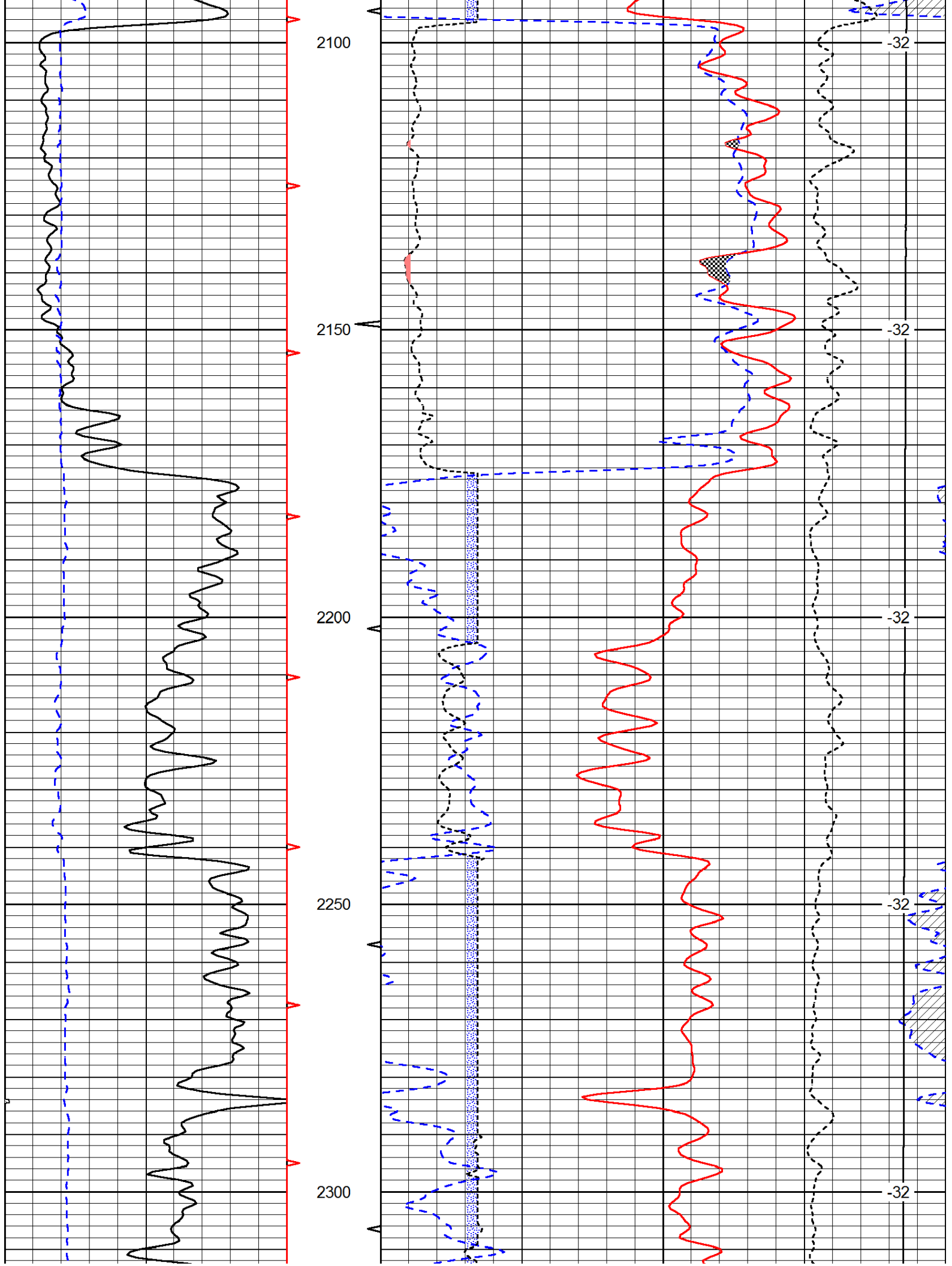
0	Gamma Ray	150
6	Caliper (GAPI)	16

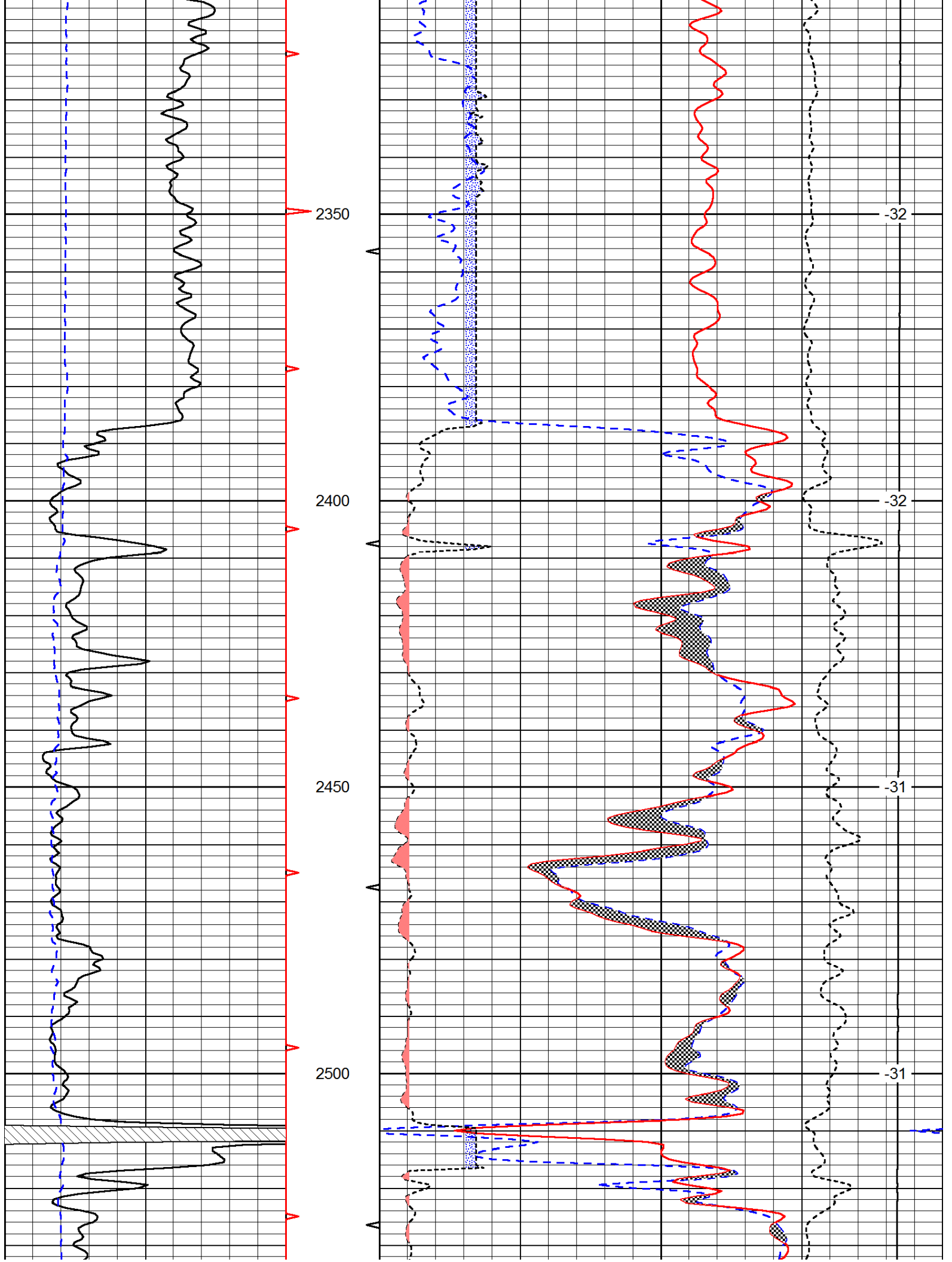
30	Compensated Neutron (Limestone)		-10
30	Compensated Density (Limestone)		-10
2.625	DGA	3.425	-0.25
		Correction	0.25
15000	Line Tension		0

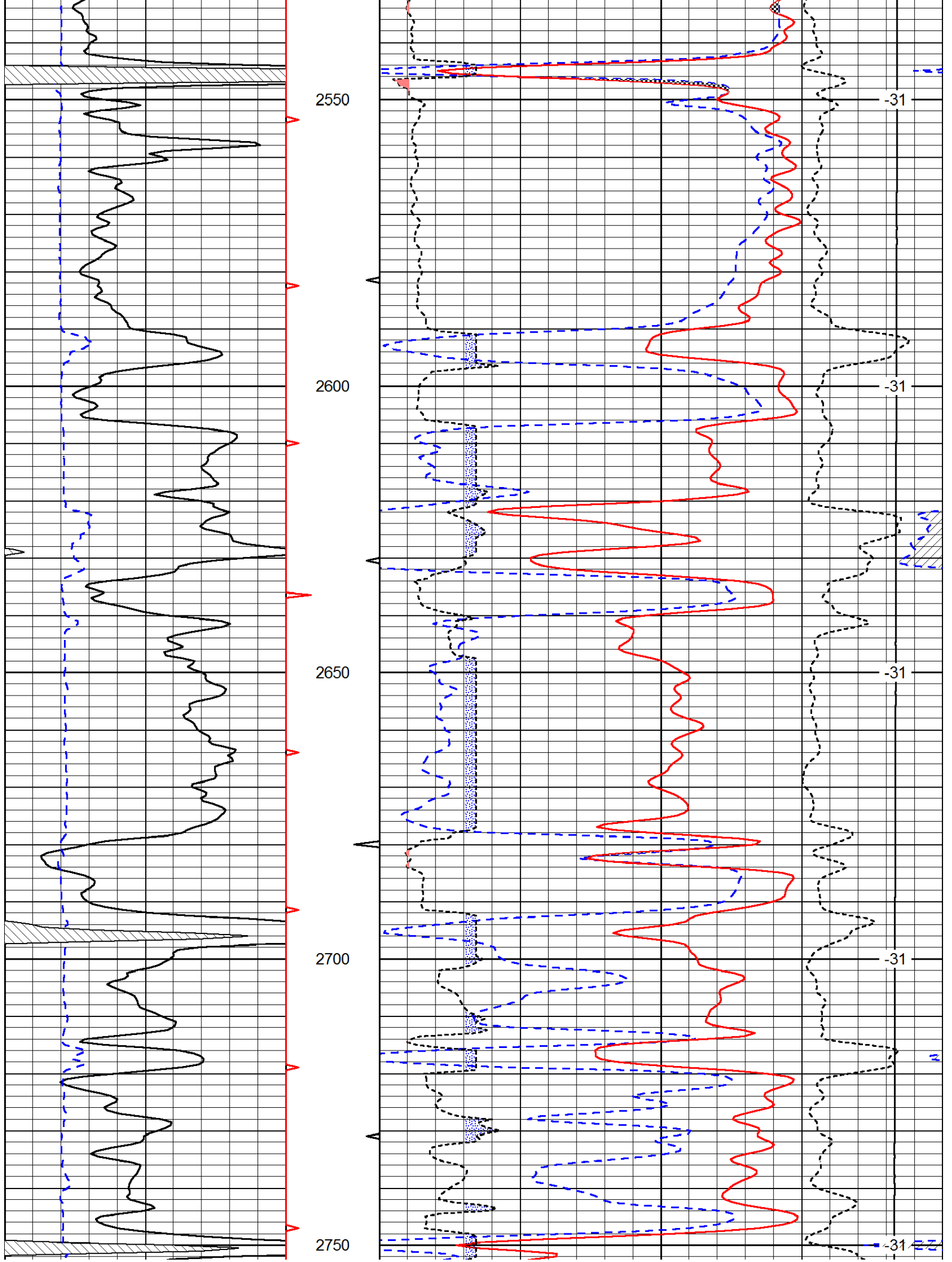
LSPD

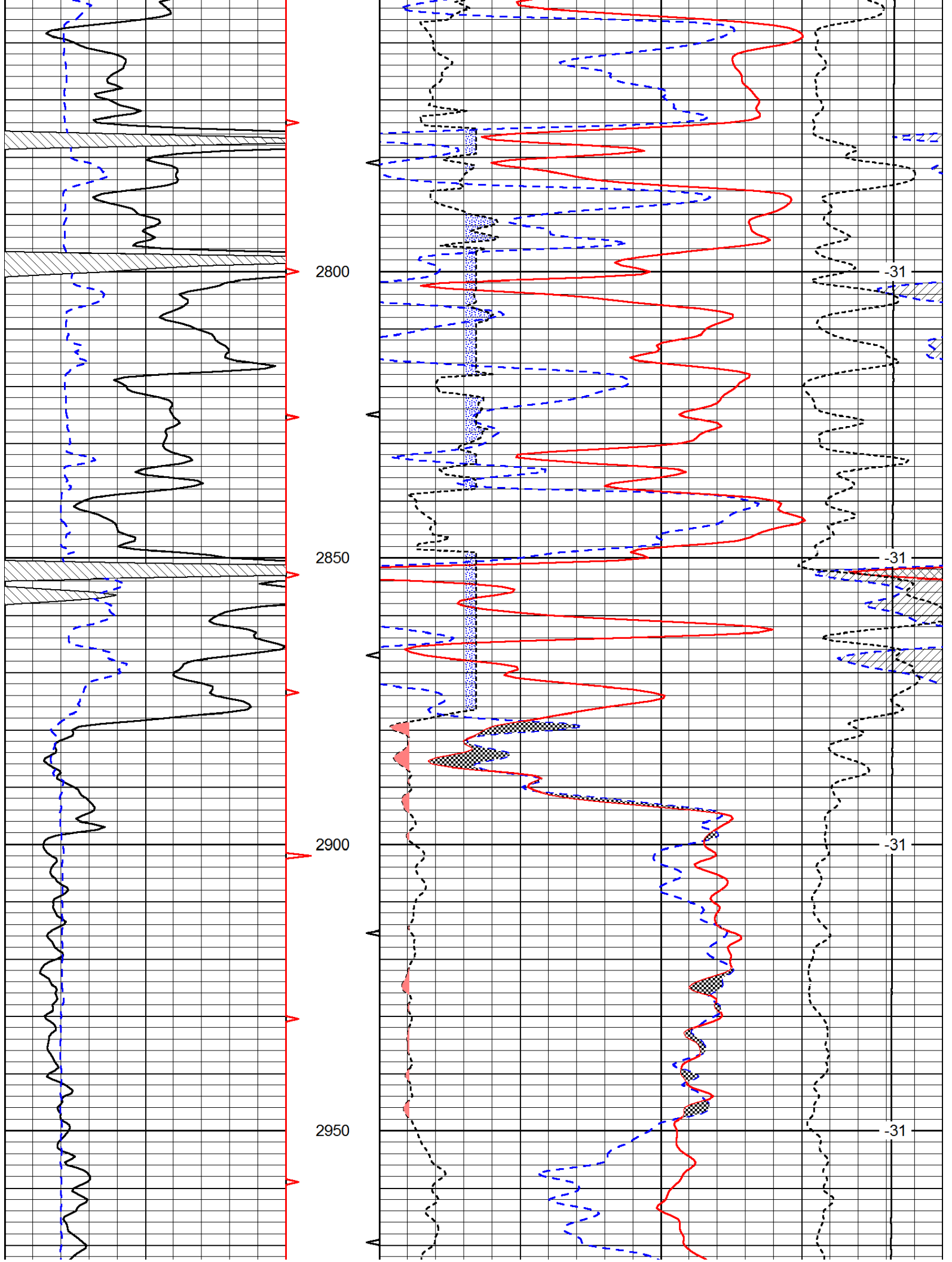


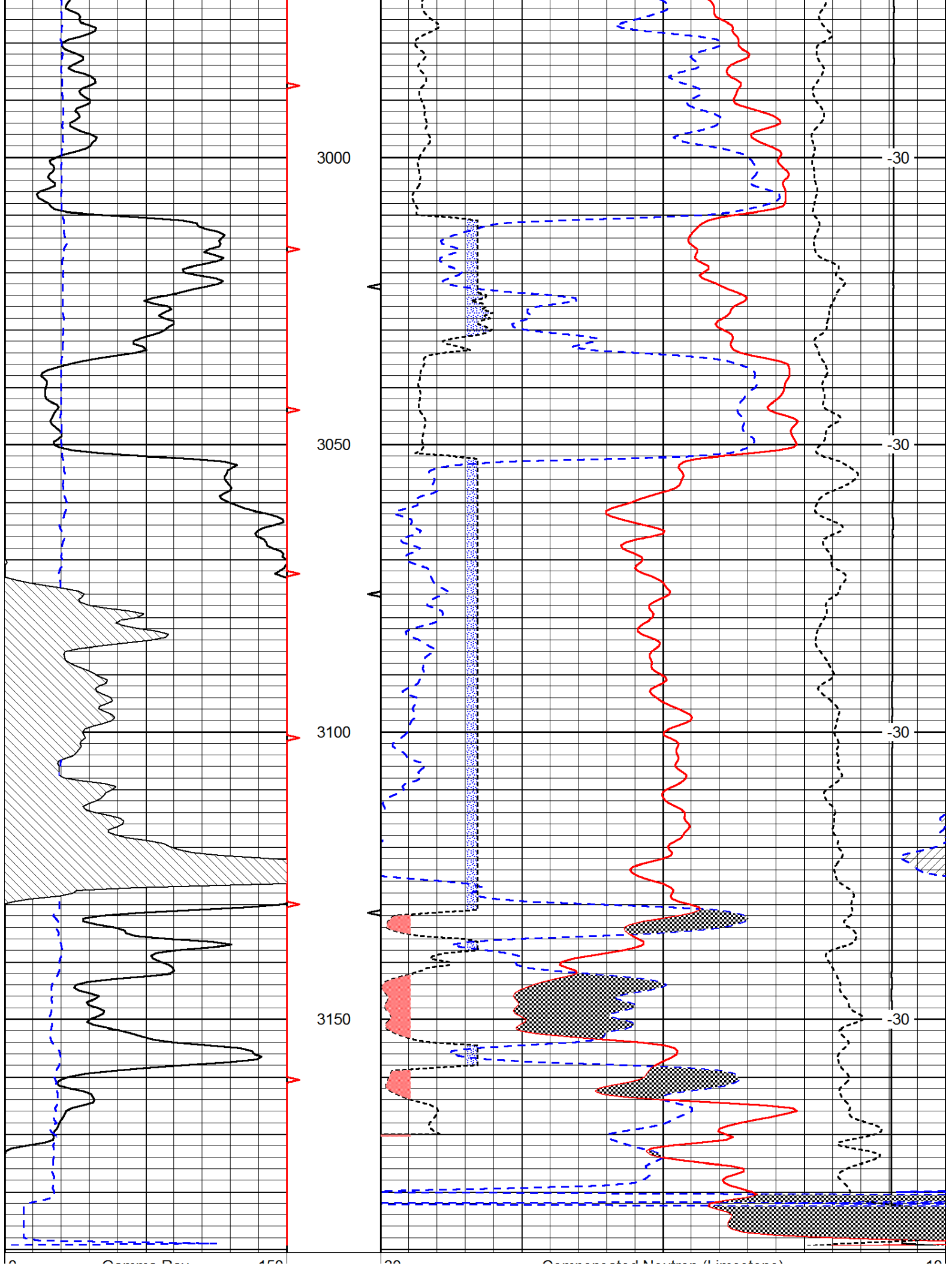












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6	Caliper (GAPI)	16

30	Compensated Neutron (Limestone)			-10	
30	Compensated Density (Limestone)			-10	
2.625	DGA	3.425	-0.25	Correction	0.25
15000	Line Tension			0	
				LSPD	