



# Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No. 15-109-20,843-00-00

Company: MAK-J Energy Kansas, LLC.  
 Well: FP Dirks #3-28  
 Field: Dirks  
 County: Logan State Kansas

Location: SW NE NE NW  
 468' FNL & 2117' FWL

Other Services: DIL, MEL/BHCS

Permanent Datum: Ground Level Elevation 3220  
 Log Measured From: Kelly Bushing 10 Ft. Above Perm. Datum  
 Drilling Measured From: Kelly Bushing

Sec: 28 Twp: 15 S Rge: 35 W

Elevation: K.B. 3230, D.F. 3220, G.L. 3220

Date: 3/26/2010

Run Number: One

Type Log: CNL / CDL

Depth Driller: 4860

Depth Logger: 4854

Bottom Logged Interval: 4833

Top Logged Interval: 3400

Type Fluid In Hole: Chemical

Salinity, PPM CL: 3,000

Density: 9.2

Level: Full

Max. Rec. Temp. F: 126

Operating Rig Time: 5 Hours

Equipment -- Location: 4 Hays

Recorded By: K. Bange

Witnessed By: Steve Murphy

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	308	8.625	24#	00	308
2	7.875	308	4860				

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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

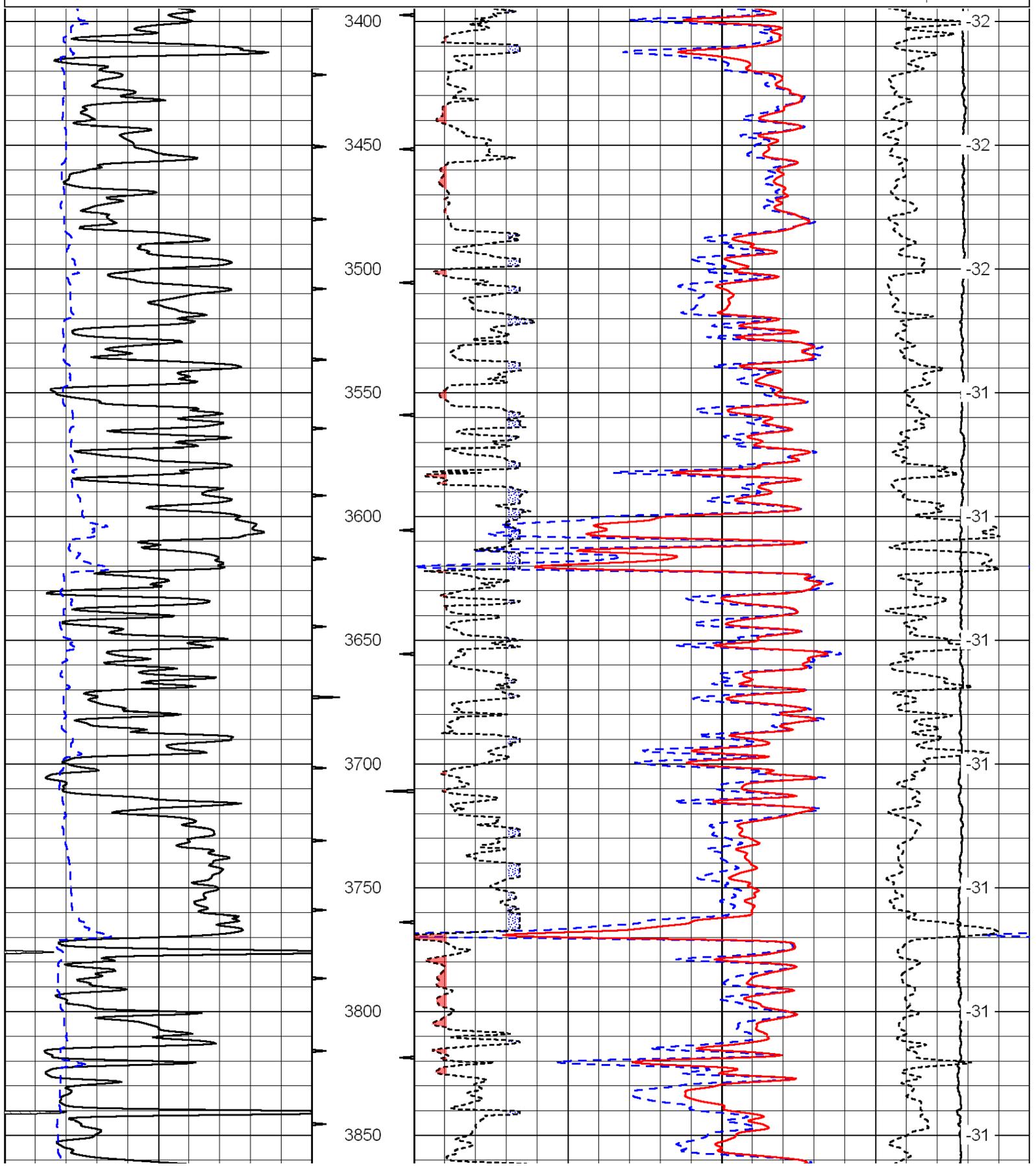
Hwy 4 & 83 Jct., 1 N to 95, W to Pence rd (rd 220) 16 W to 20 rd,  
 N to T, 1/4 W to Adobe rd, 2 N, E into

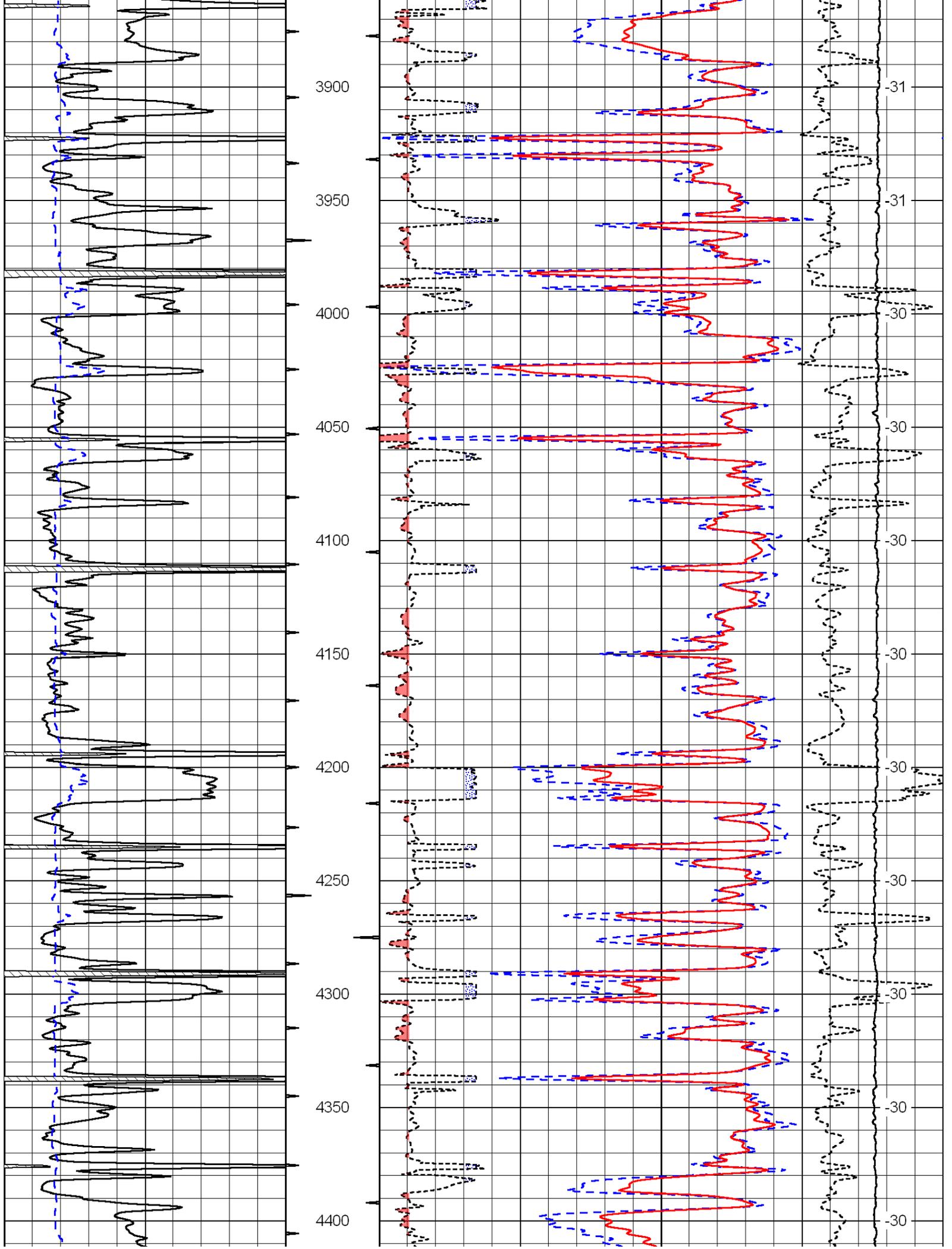
Database File: c:\warrior\data\mak-j\_fp dirks #3-28\makjhd.db  
 Dataset Pathname: dil/mak2in  
 Presentation Format: cdl  
 Dataset Creation: Fri Mar 26 14:12:41 2010  
 Charted by: Depth in Feet scaled 1:600

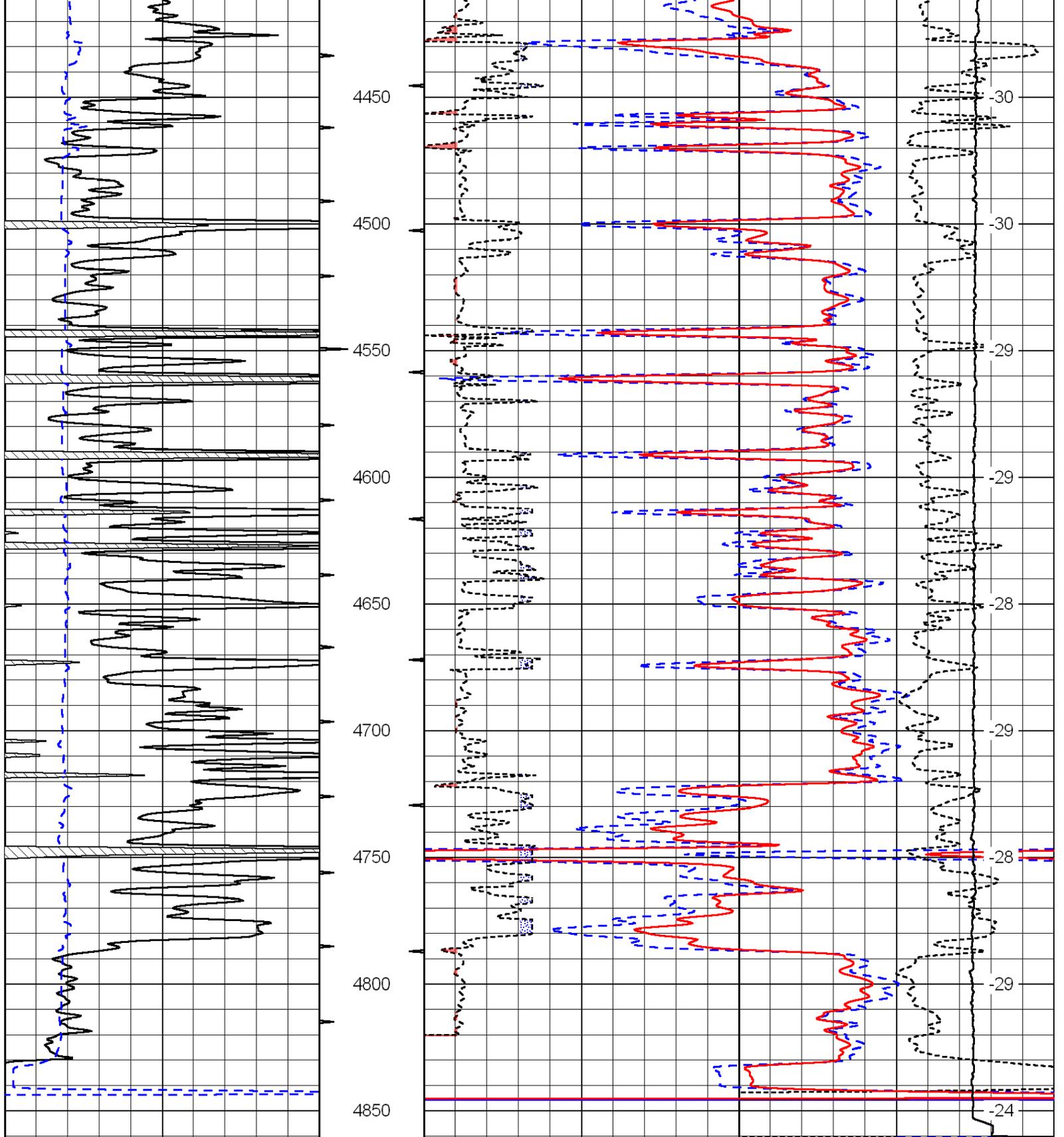
0	Gamma Ray	150
6	Caliper	16

30	Compensated Density (pu)			-10	
2	Bulk Density (g/cc)			3	
15000	Line Tension (lb)			0	
2.625	DGA (g/cc)	3.425	-0.25	Correction (g/cc)	0.25

LSPD  
(ft/min)







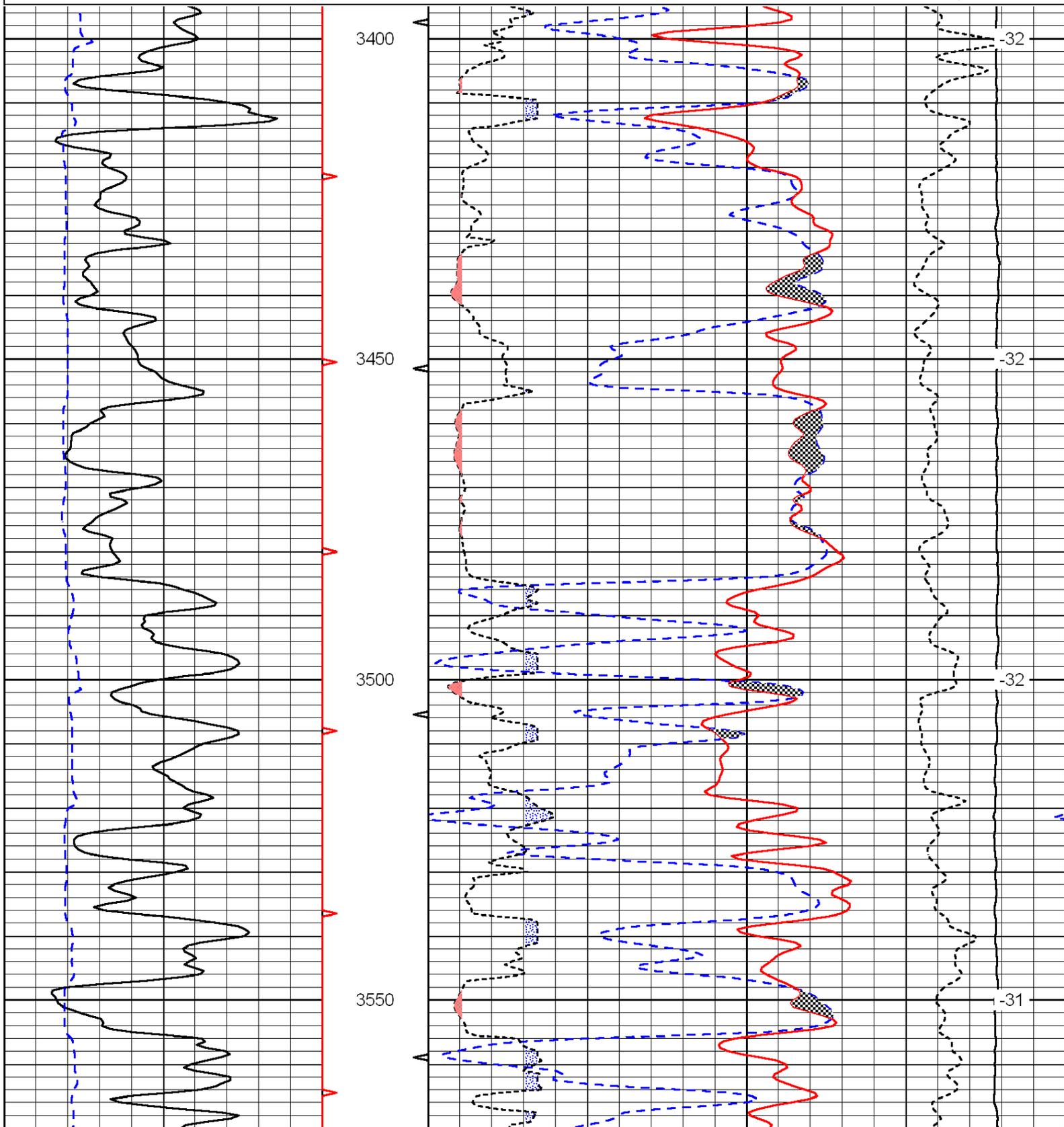
0	Gamma Ray	150	30	Compensated Density (pu)		-10
6	Caliper	16	2	Bulk Density (g/cc)		3
			15000	Line Tension (lb)		0
			2.625	DGA (g/cc)	3.425	-0.25
				Correction (g/cc)	0.25	
				LSPD		(ft/min)

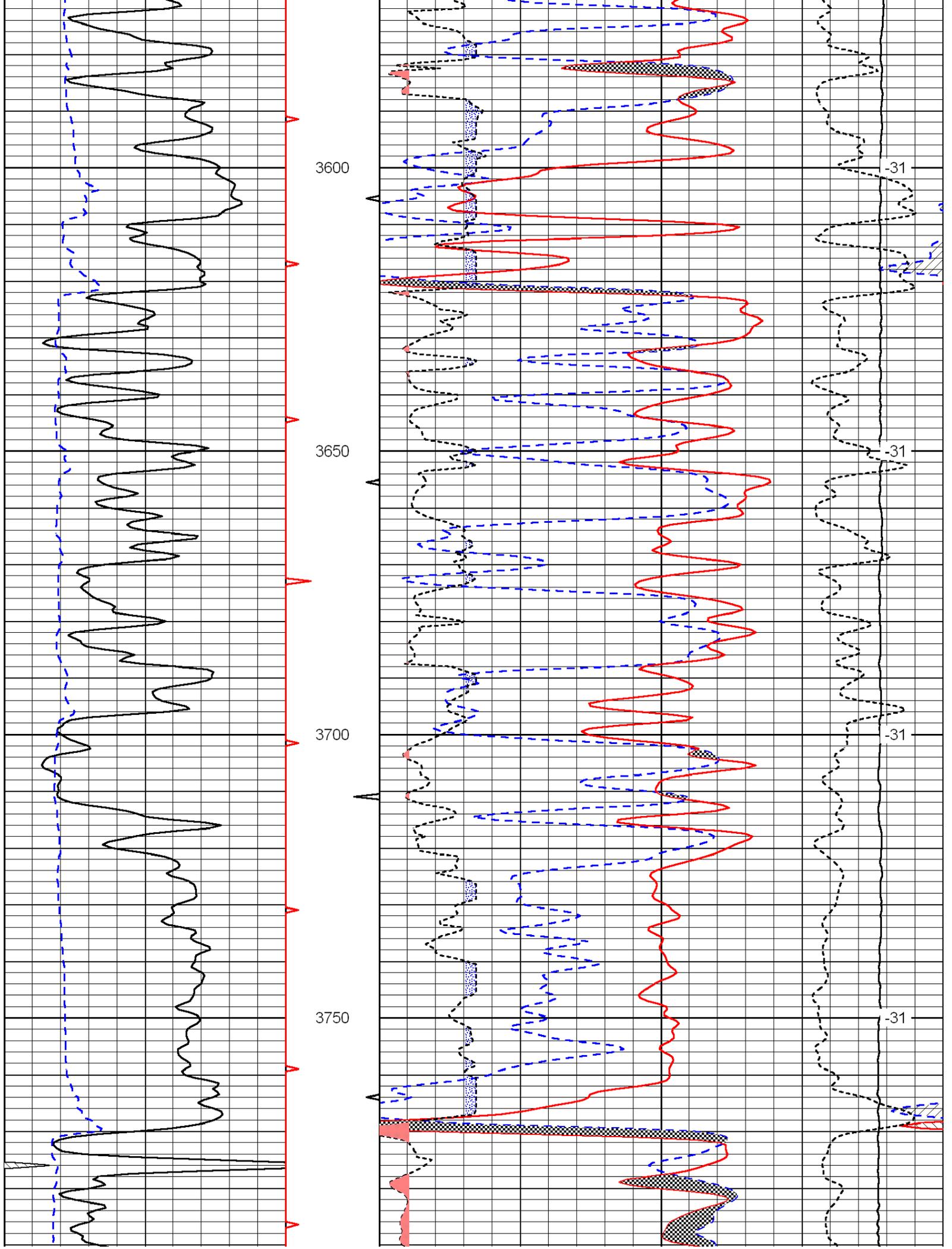
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 Charted by: Depth in Feet scaled 1:240

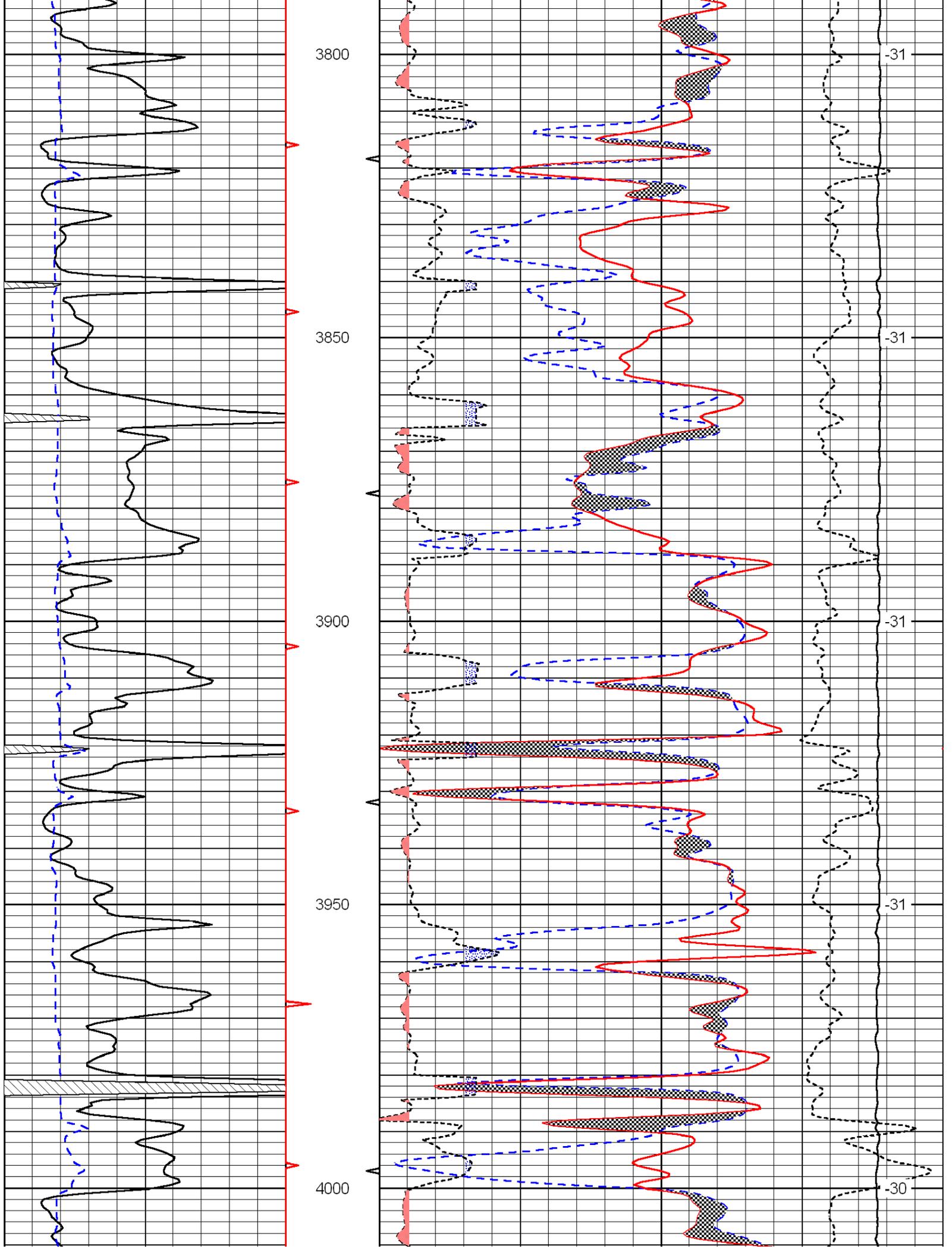
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6	Caliper	16

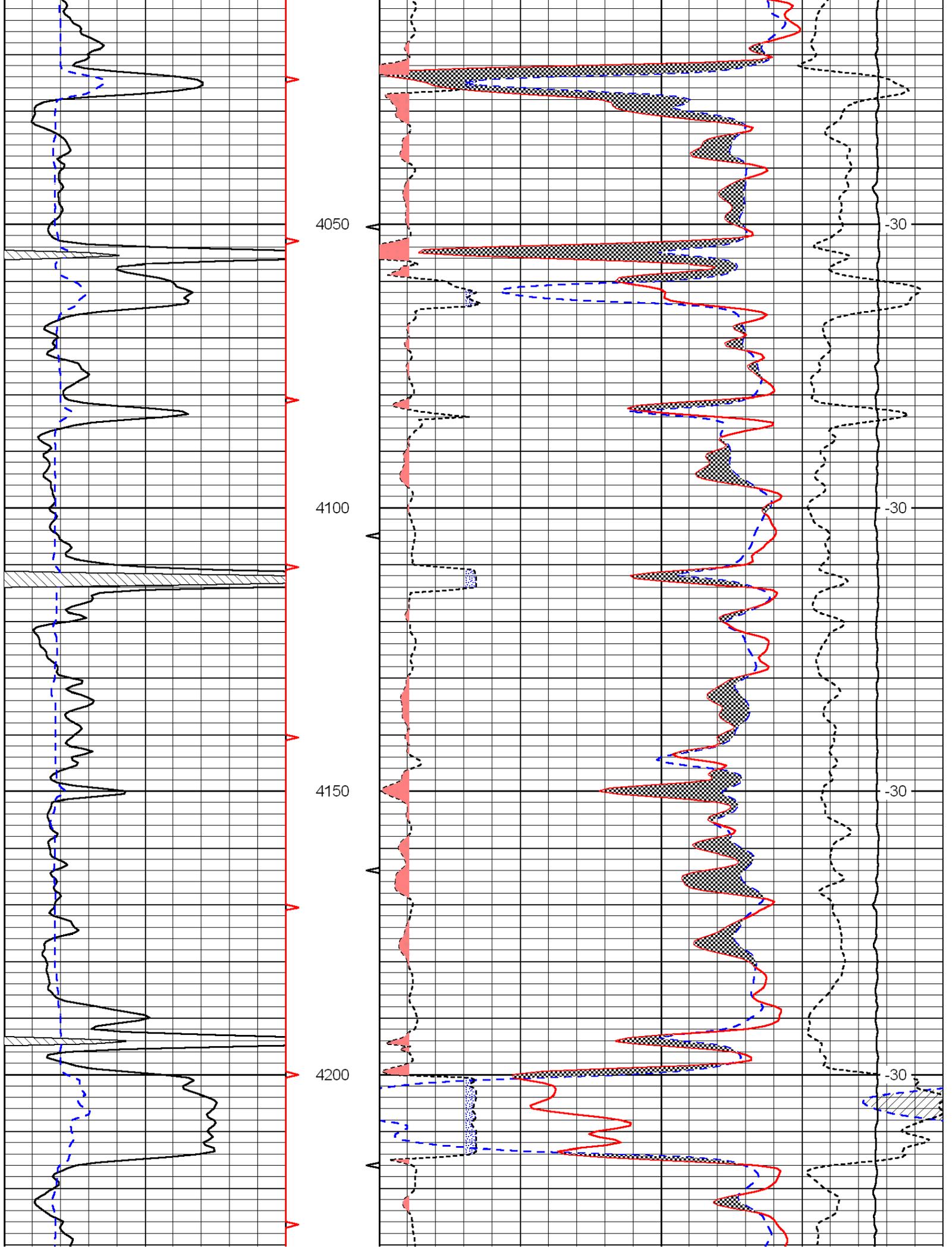
30	Compensated Neutron (Limestone) (pu)		-10
30	Compensated Density (2.71 ma) (pu)		-10
2.625	DGA (g/cc)	3.425	-0.25
		Correction (g/cc)	0.25
15000	Line Tension (lb)		0

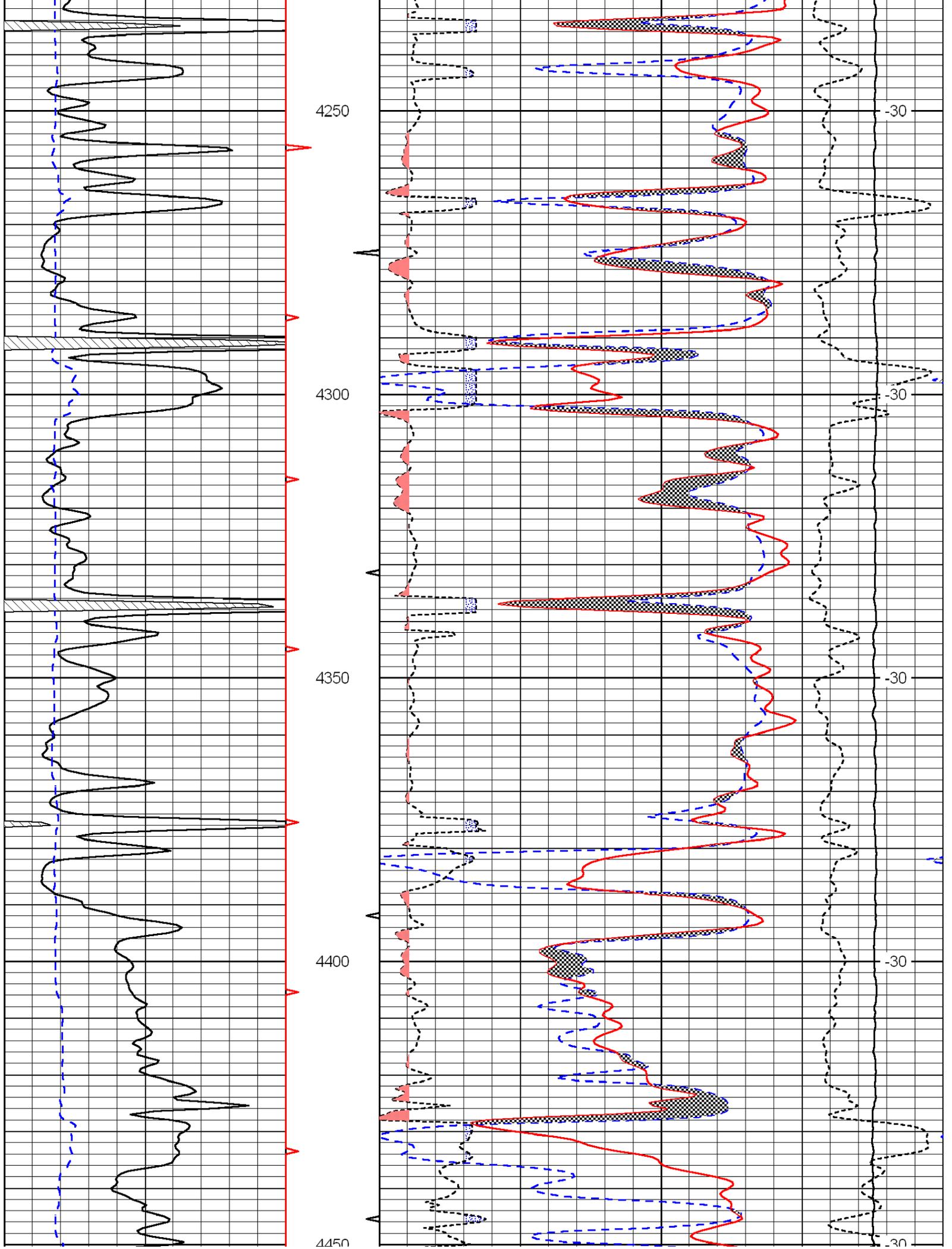
LSPD  
(ft/min)

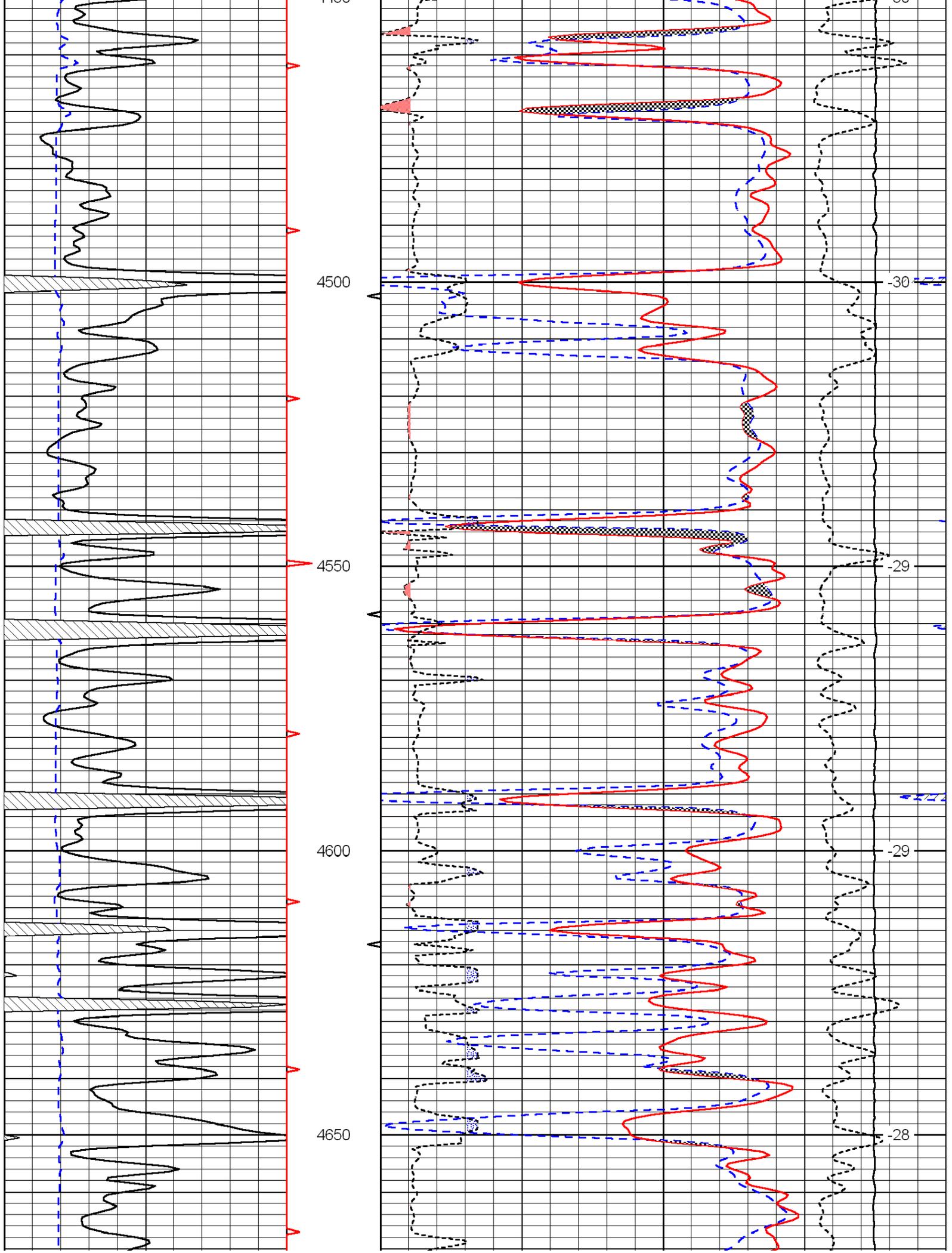


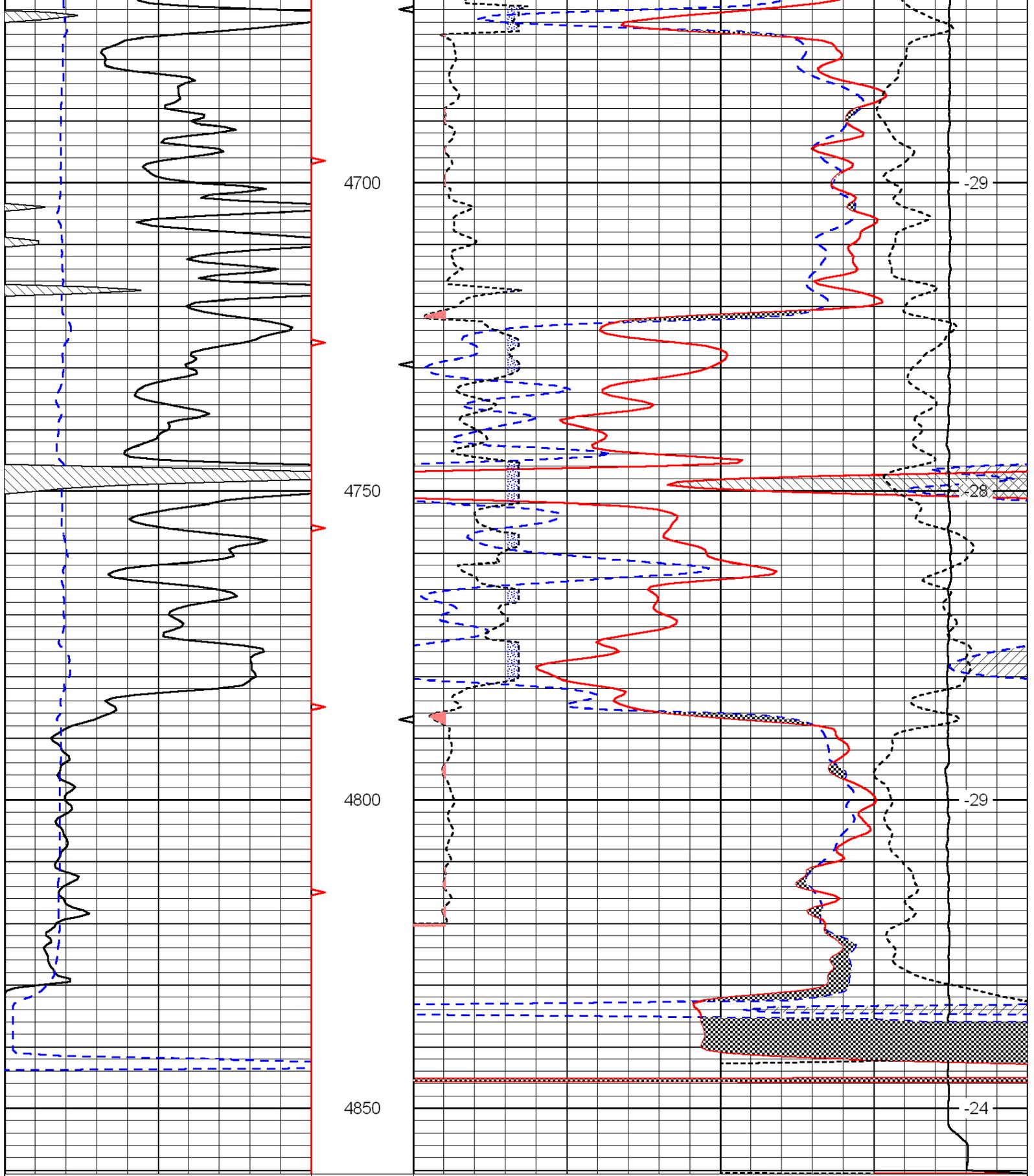












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LSPD  
(ft/min)

