



Pioneer Energy Services

## Dual Compensated Porosity Log

API No.	15-101-22,498-00-00		
Company	Forestar Petroleum Corporation		
Well	Virginia No. 1-1		
Field	Wildcat		
County	Lane	State	Kansas
Location	NW-NE-SW-NE 1450' FNL & 1970' FEL		
Sec: 1	Twp: 18S	Rge: 28W	Other Services DIL MEI/BHCS

Permanent Datum	Ground Level	Elevation 2627	K.B. 2636
Log Measured From	Kelly Bushing	9 Ft. Above Perm. Datum	D.F. 2627
Drilling Measured From	Kelly Bushing		G.L. 2627
Date	3/25/14		
Run Number	One		
Type Log	CNL / CDL		
Depth Driller	4600		
Depth Logger	4600		
Bottom Logged Interval	4579		
Top Logged Interval	3400		
Type Fluid In Hole	Chemical		
Salinity, PPM CL	3,400		
Density	9.5		
Level	Full		
Max. Rec. Temp. F	122		
Operating Rig Time	4 1/2 Hours		
Equipment -- Location	17 Hays		
Recorded By	J. Henrickson		
Witnessed By	Macklin Armstrong		

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	263	8.625	23#	00	263
Two	7.875	263	TD				

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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

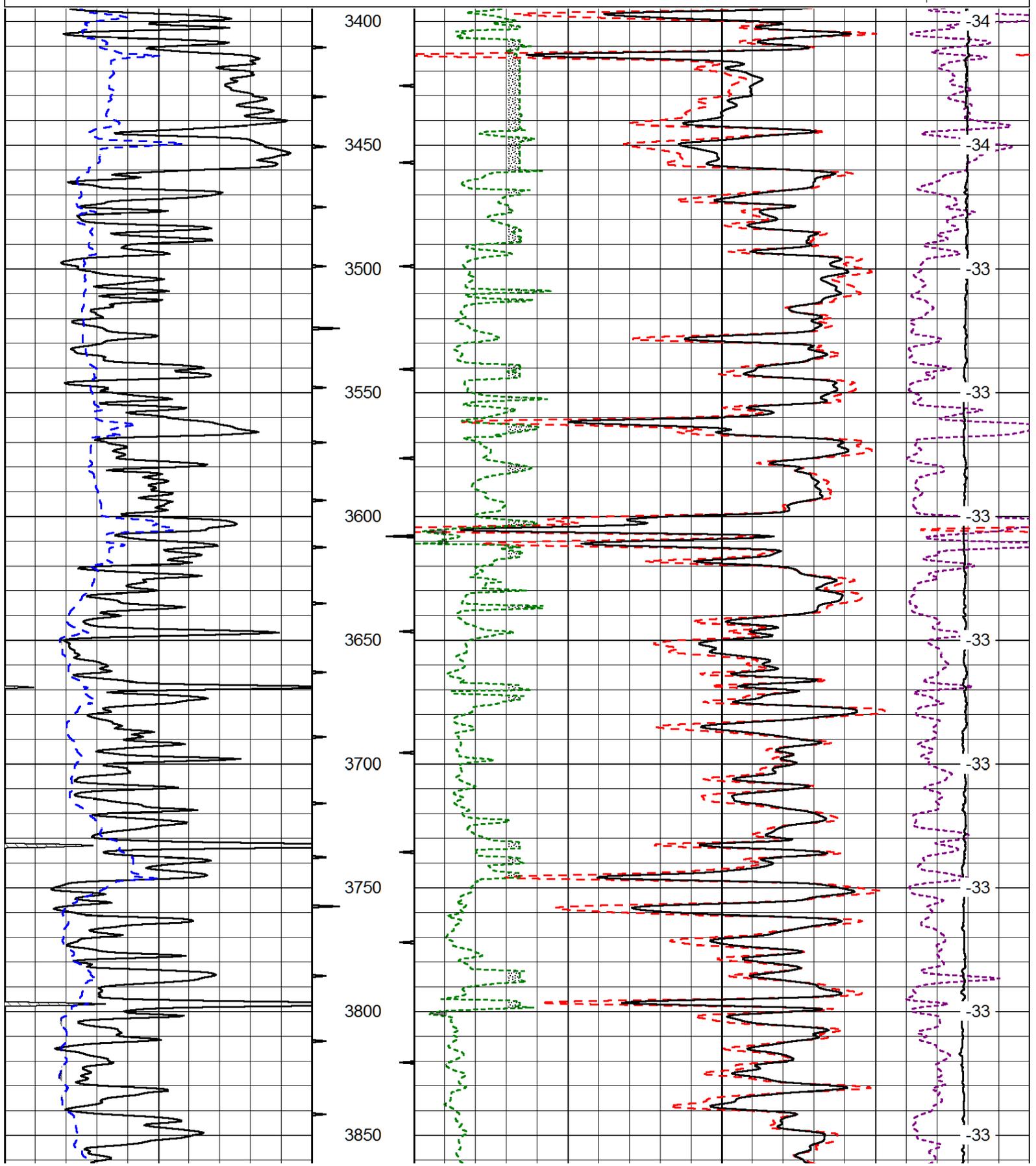
Dighton Kansas  
East to Pawnee Rd, 2 North, East Into

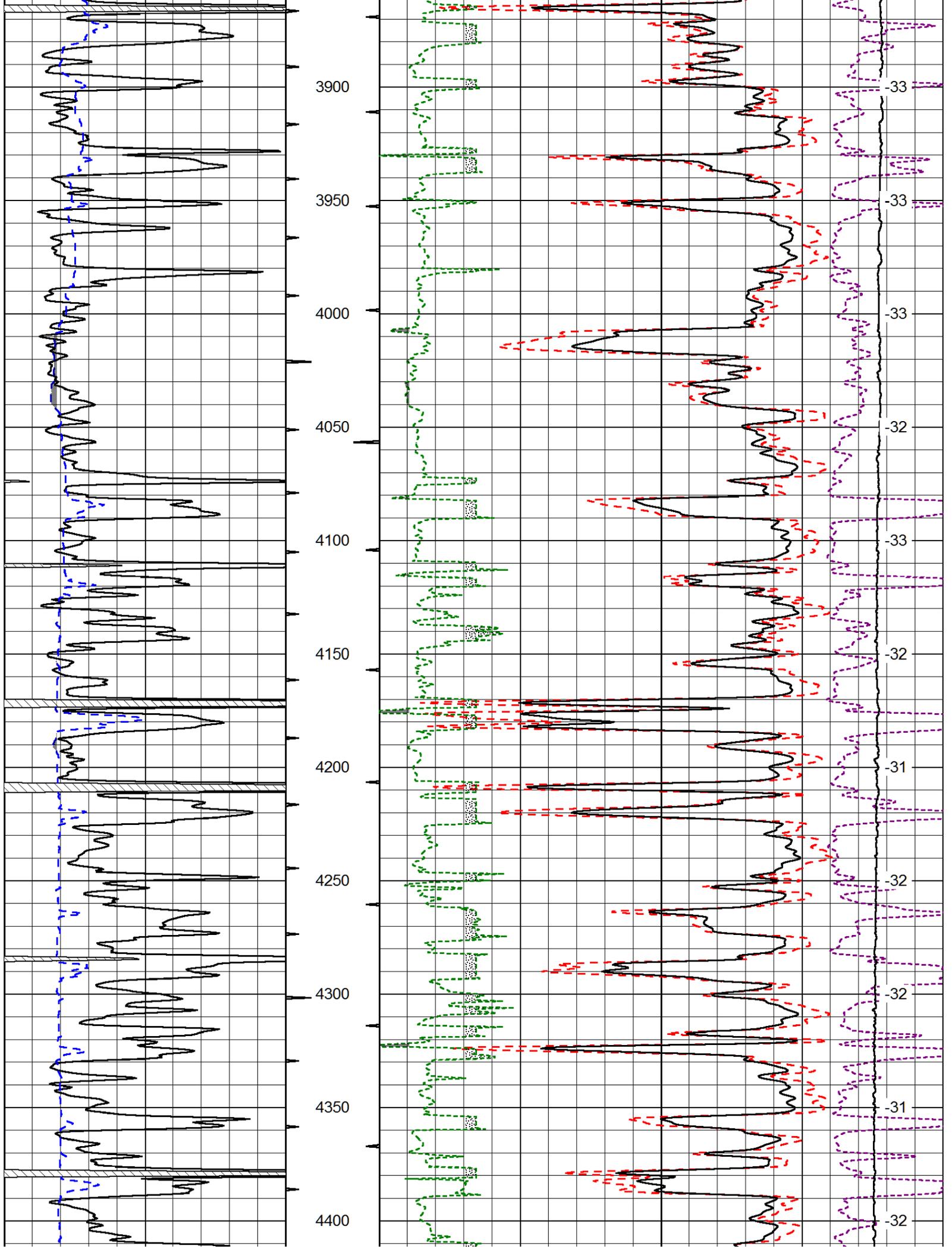
Database File: forestar\_virginia\_1\_1hd.db  
 Dataset Pathname: DIL/forestk  
 Presentation Format: cdl  
 Dataset Creation: Tue Mar 25 08:57:48 2014  
 Charted by: Depth in Feet scaled 1:600

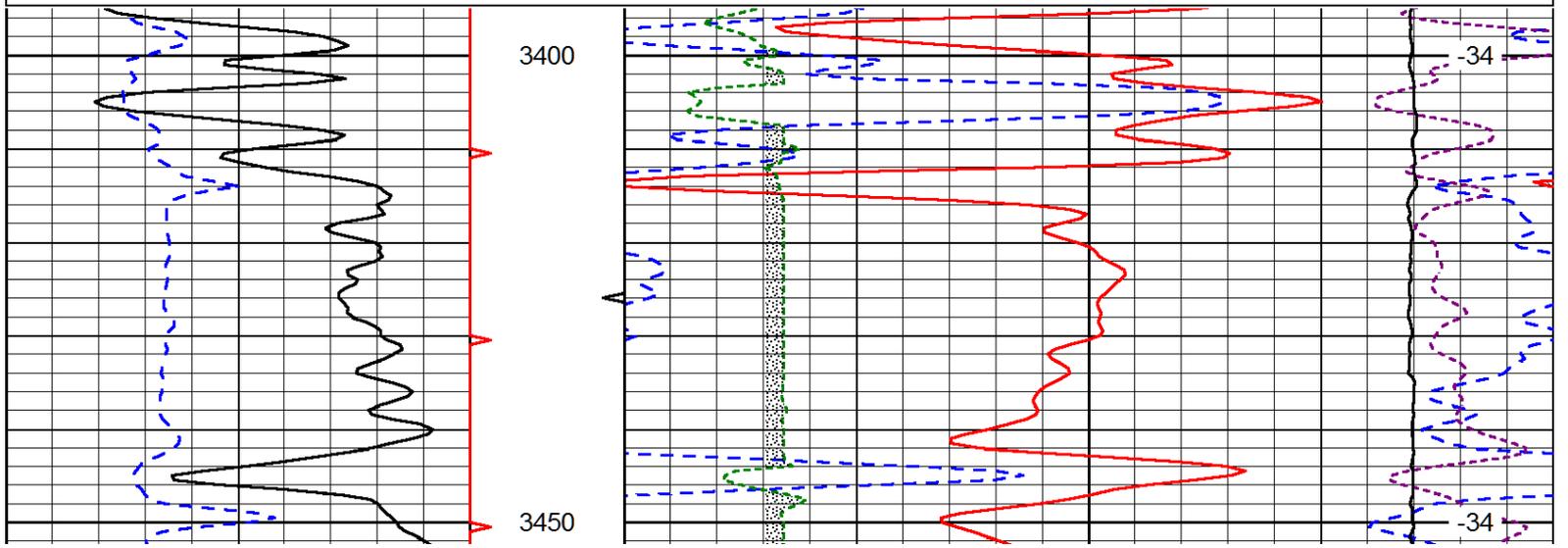
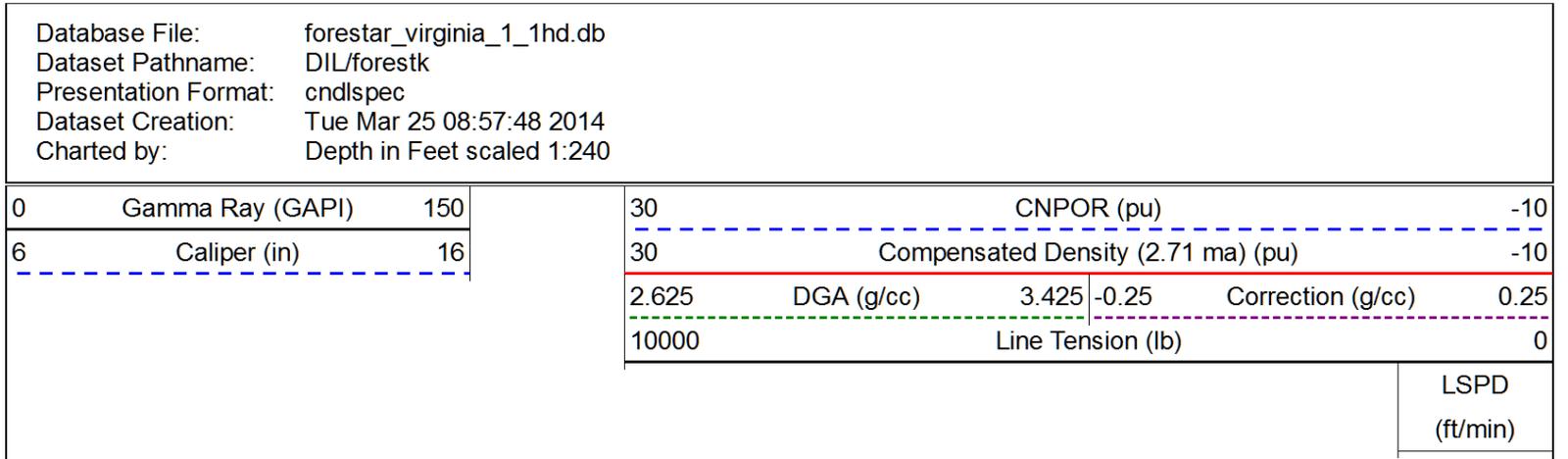
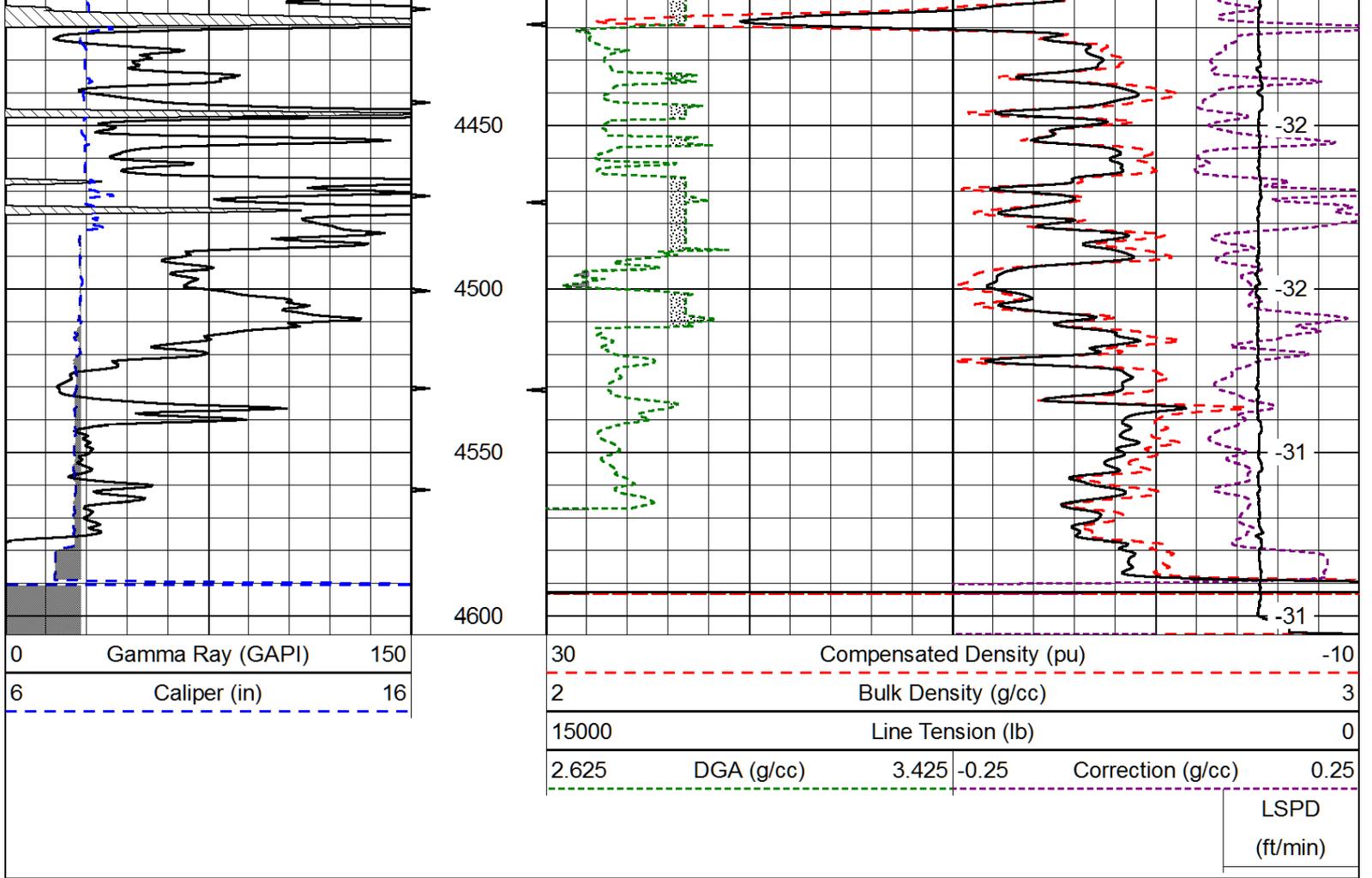
0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

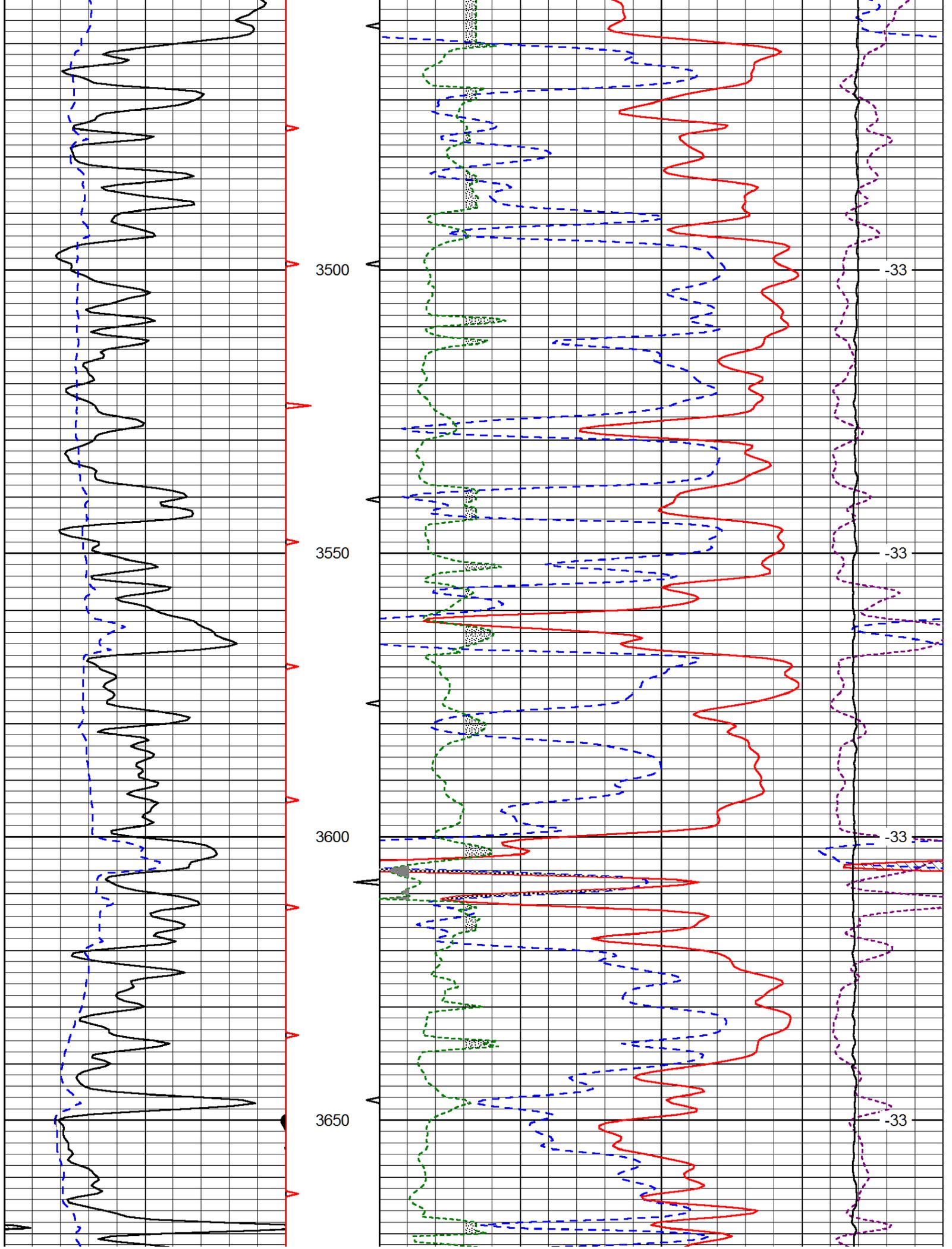
30	Compensated Density (pu)		-10
2	Bulk Density (g/cc)		3
15000	Line Tension (lb)		0
2.625	DGA (g/cc)	3.425	-0.25
			Correction (g/cc)
			0.25

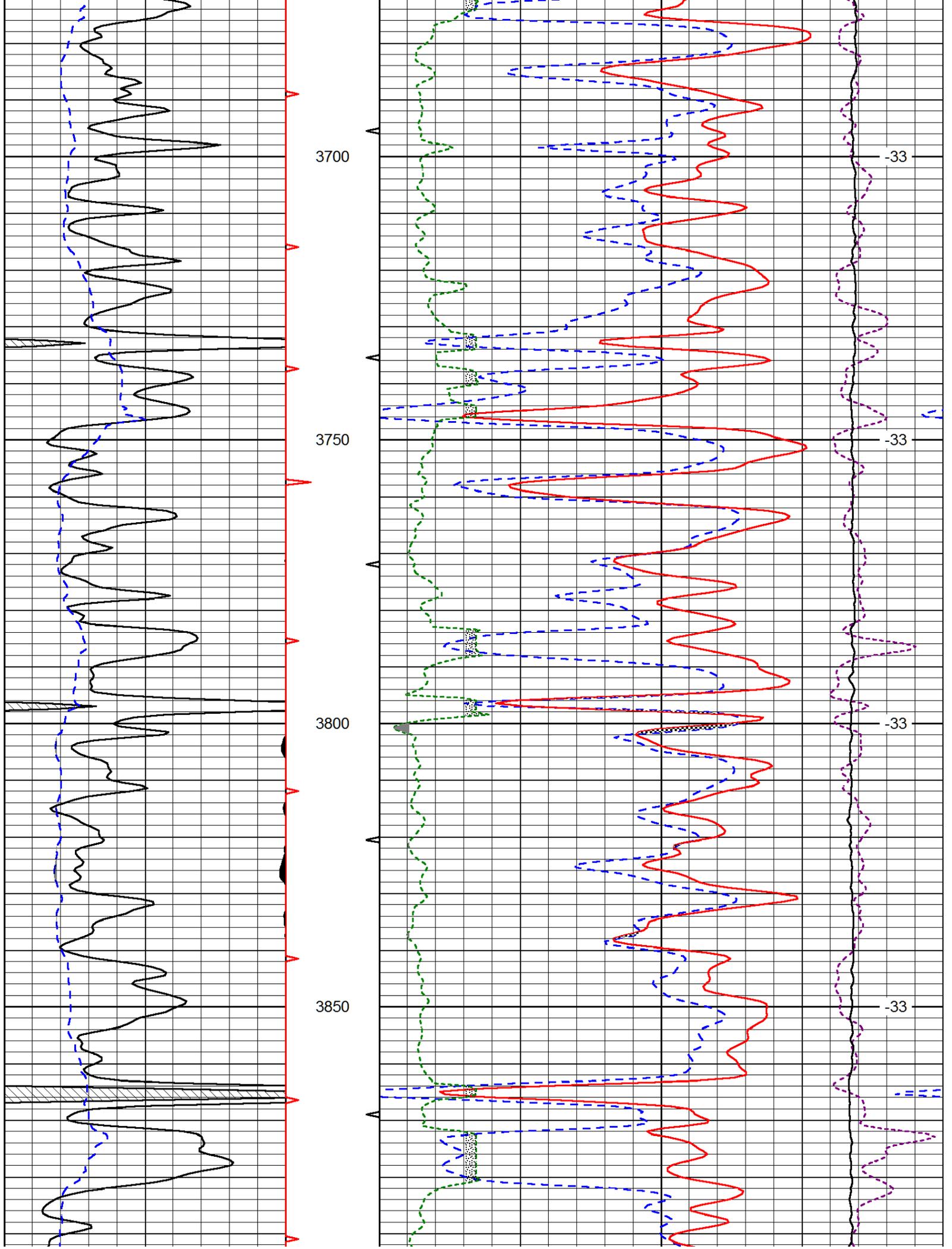
LSPD  
(ft/min)

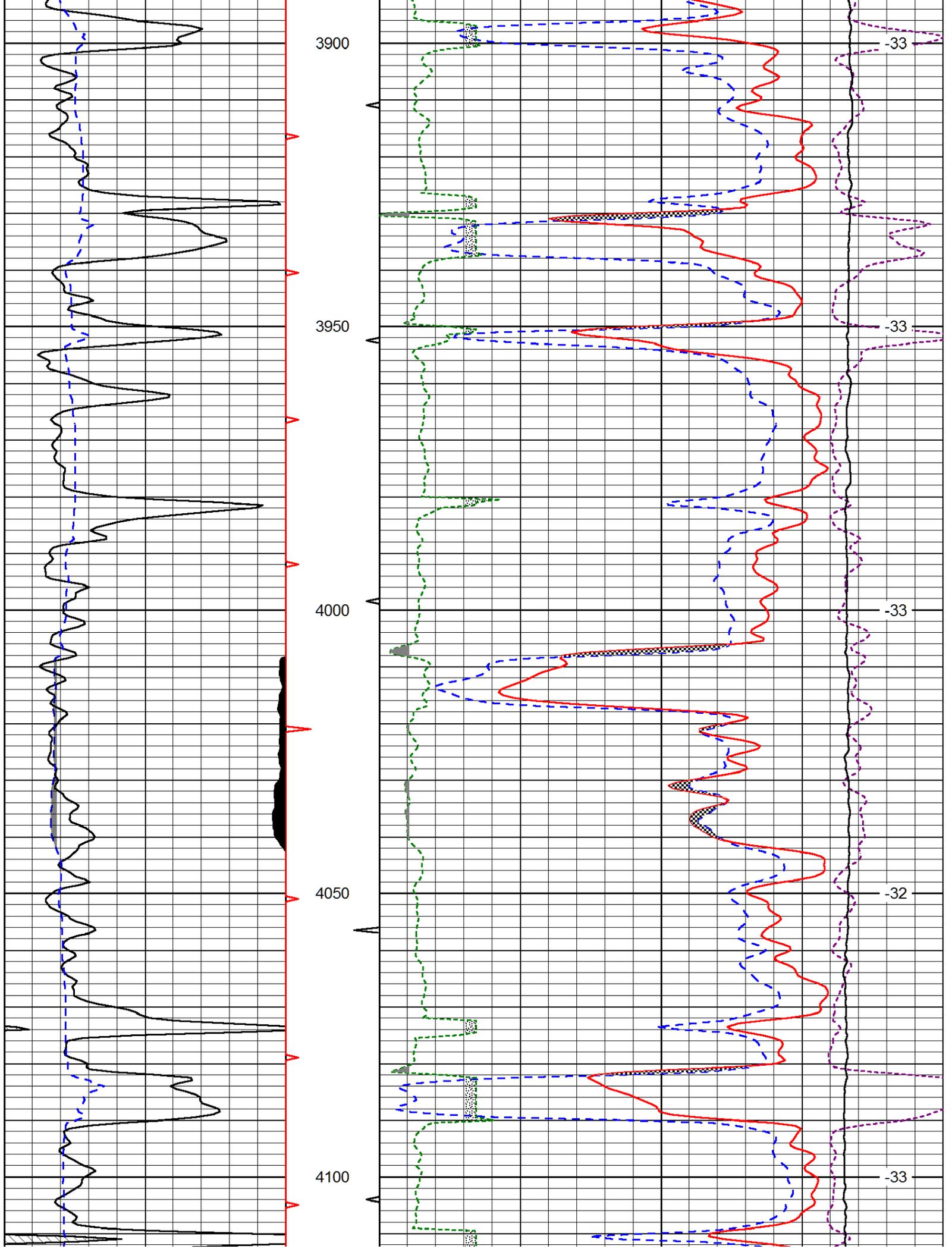


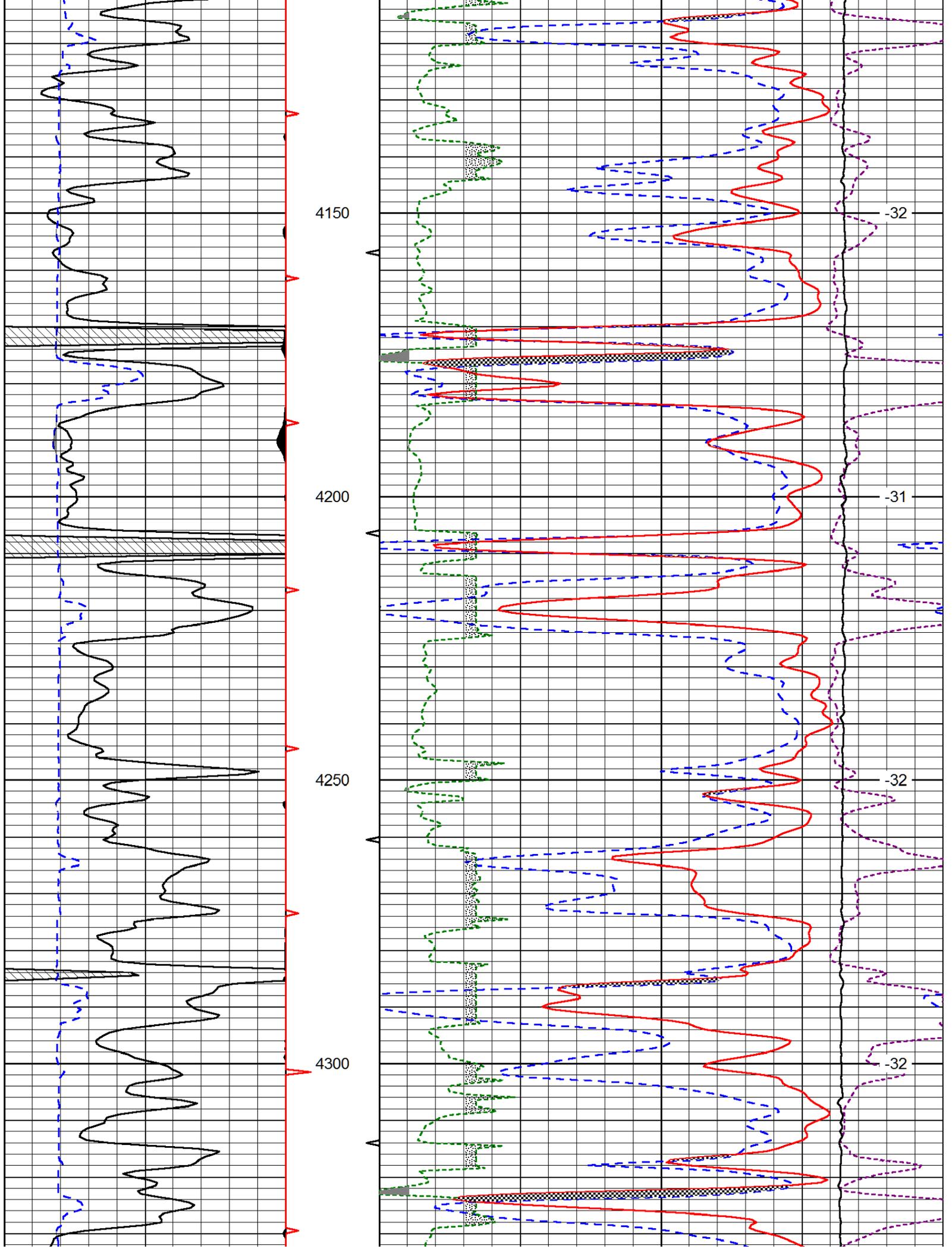


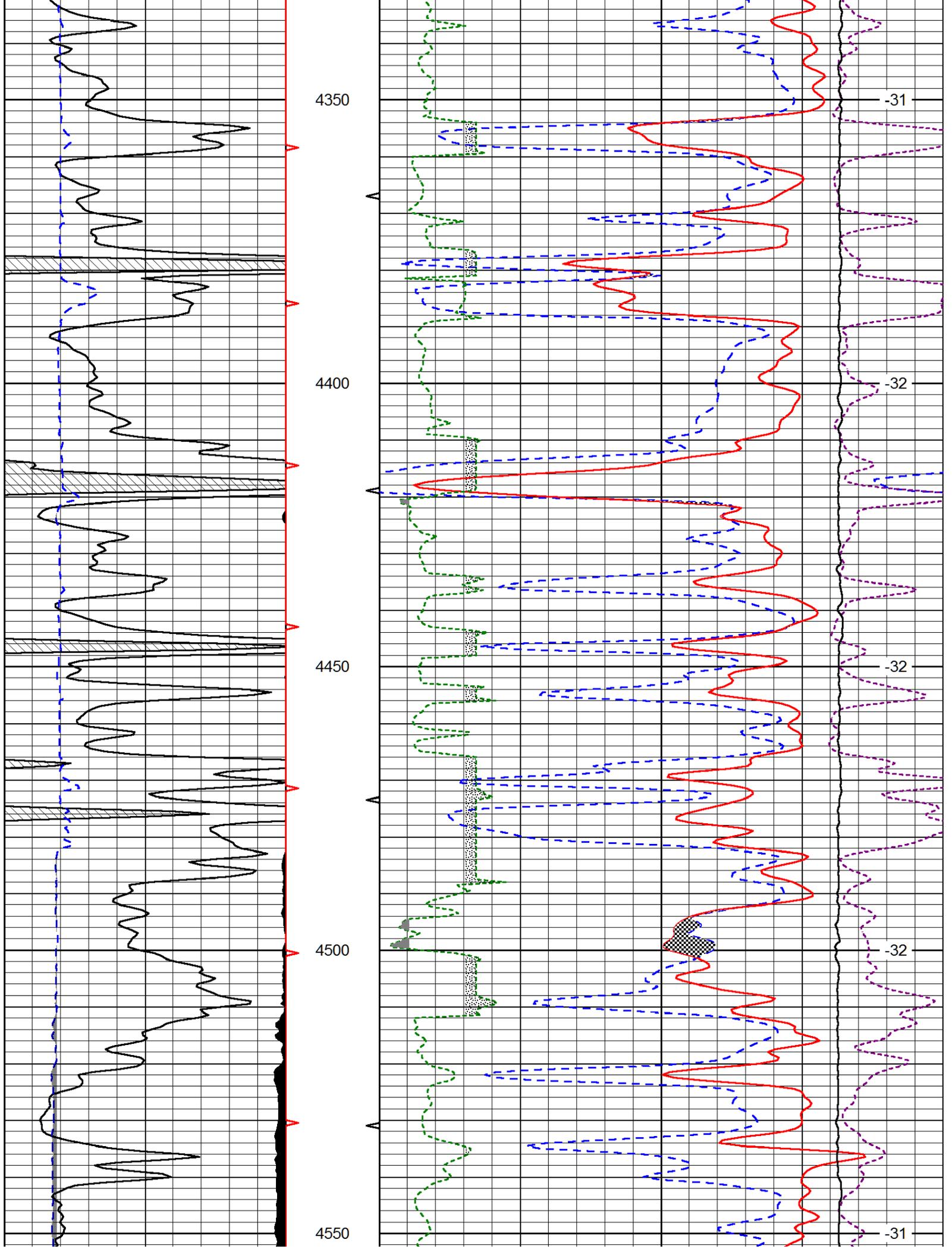


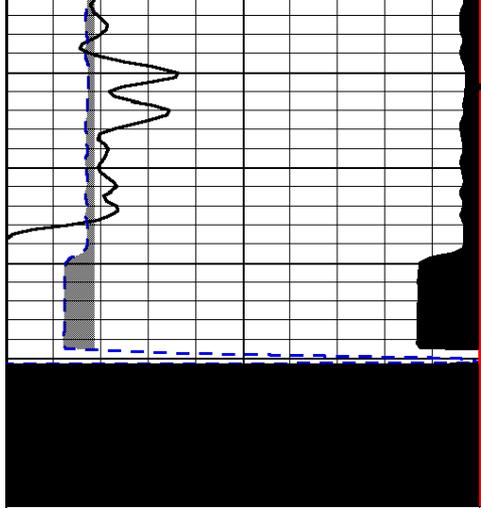






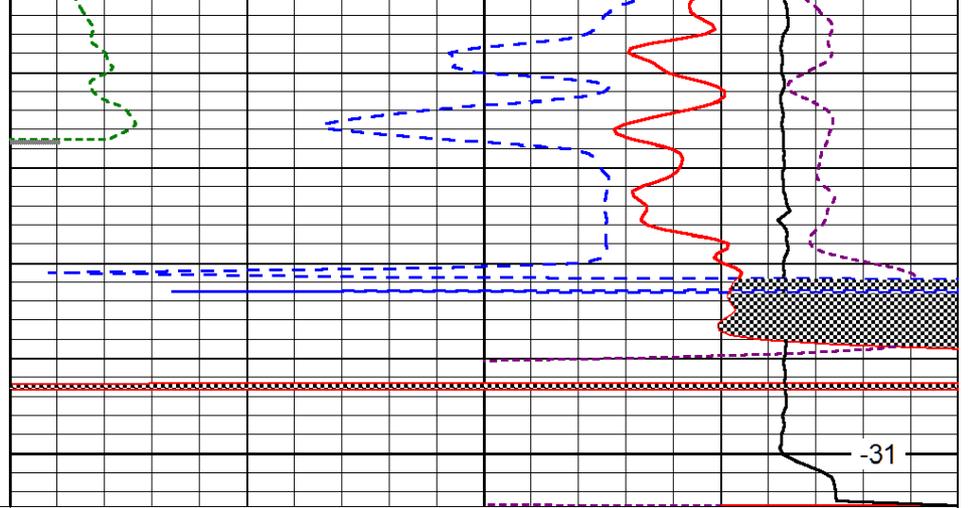






4600

0	Gamma Ray (GAPI)	150
6	Caliper (in)	16



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30	CNPOR (pu)			-10	
30	Compensated Density (2.71 ma) (pu)			-10	
2.625	DGA (g/cc)	3.425	-0.25	Correction (g/cc)	0.25
10000	Line Tension (lb)			0	

LSPD (ft/min)
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