



Pioneer Energy Services

Dual Compensated Porosity Log

API No.	154-159-22765-00-00		
Company	RJM Company		
Well	Hoelscher Farms #2		
Field	Bloomer		
County	Rice	State	Kansas
Location	N2 SE SE NW 2100' FNL / 2310' FWL		
	Sec: 4	Twp: 18S	Rge: 10W
Other Services	DIL MEI/BHCS		

Permanent Datum	Ground Level	Elevation	1789
Log Measured From	Kelly Bushing	9	Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing		
Date	2/28/2014		

Run Number	One
Type Log	CNL / CDL
Depth Driller	3342
Depth Logger	3340
Bottom Logged Interval	3319
Top Logged Interval	2700
Type Fluid In Hole	Chemical
Salinity, PPM CL	4000
Density	9.0
Level	Full
Max. Rec. Temp. F	110
Operating Rig Time	4 Hours
Equipment -- Location	15 Days
Recorded By	R. Barnhart
Witnessed By	Clint Musgrove

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	333	8.625	23#	00	333
Two	7.875	333	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

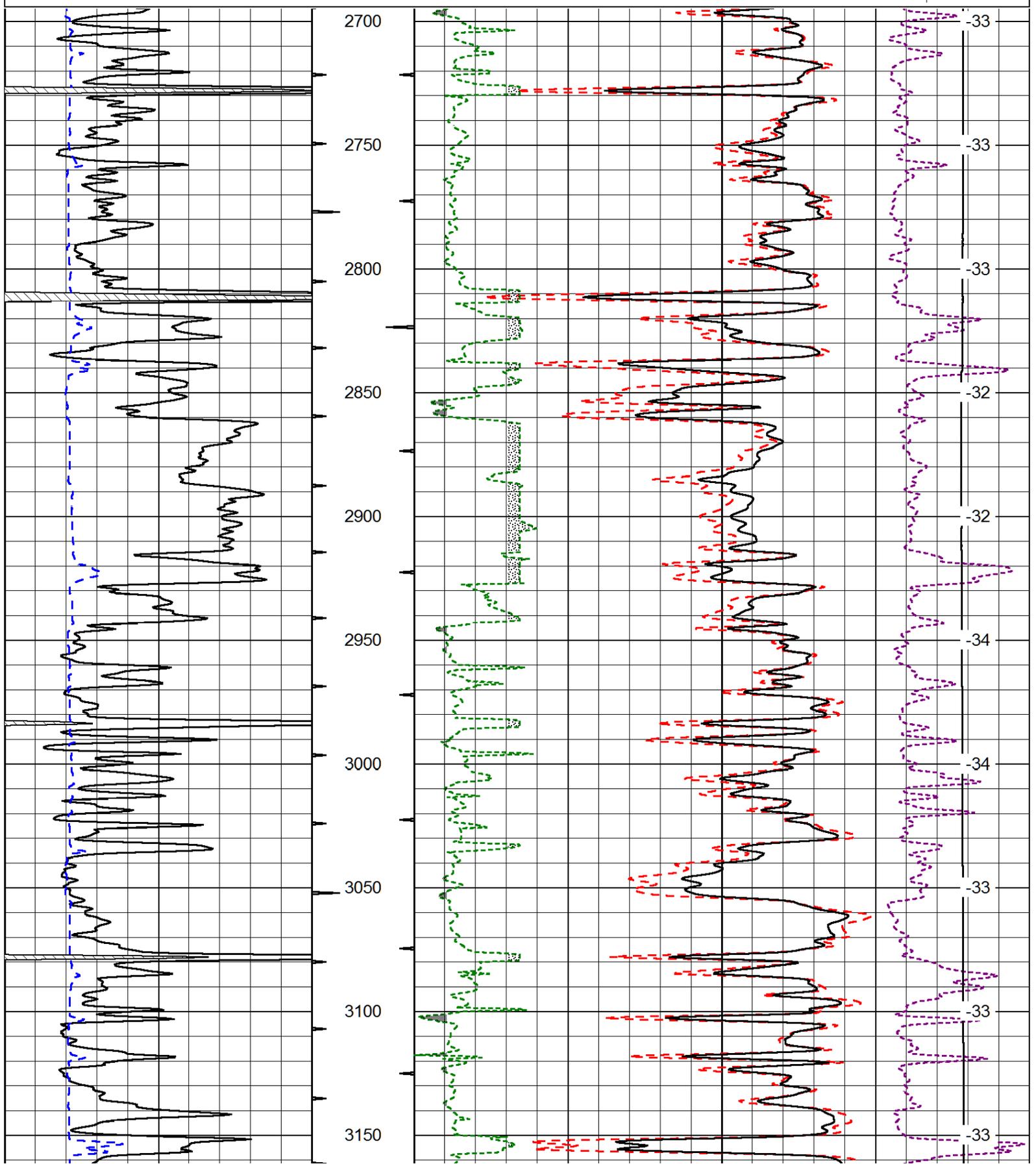
Clafin, KS:
4 1/2E, 1/2S, E into

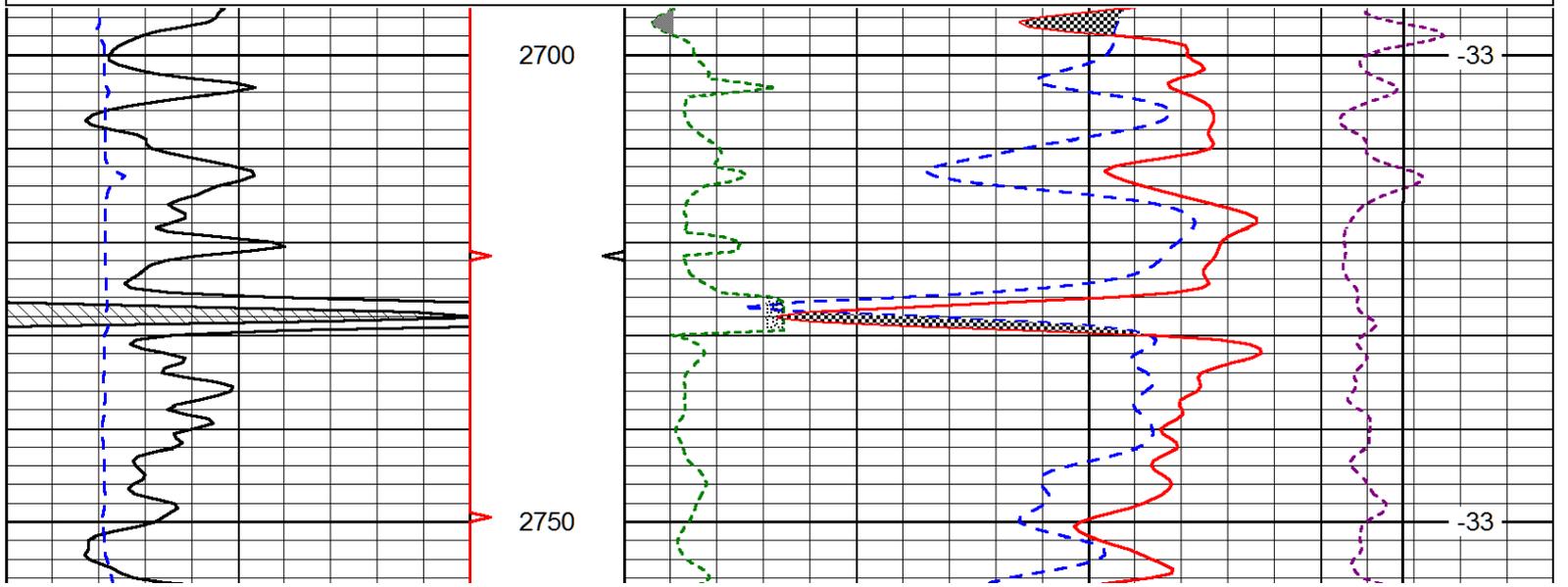
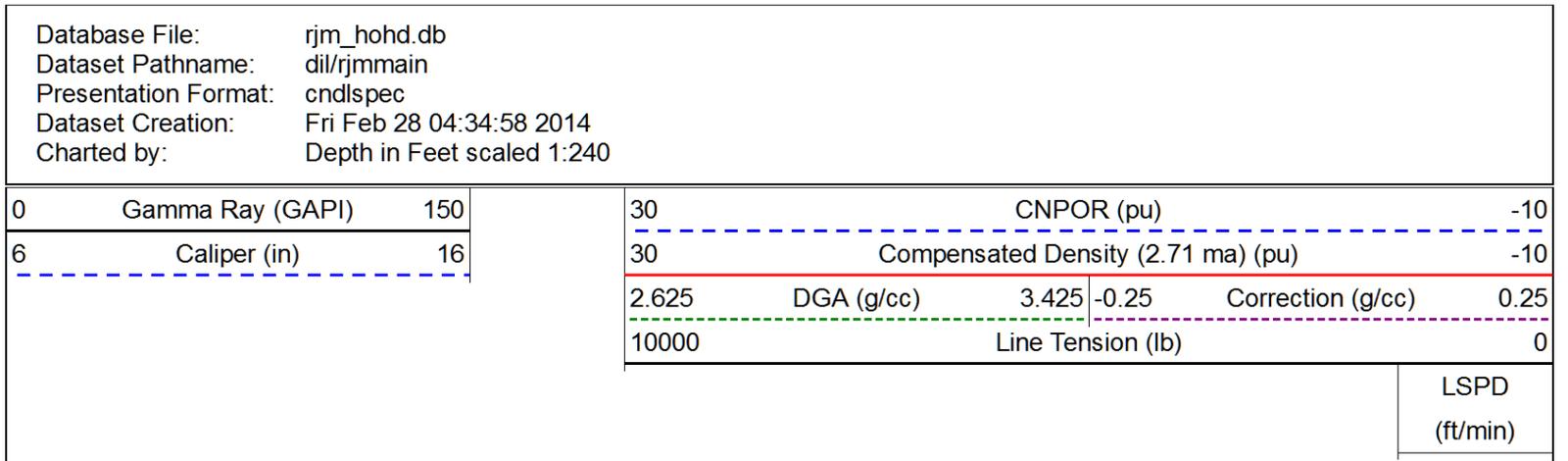
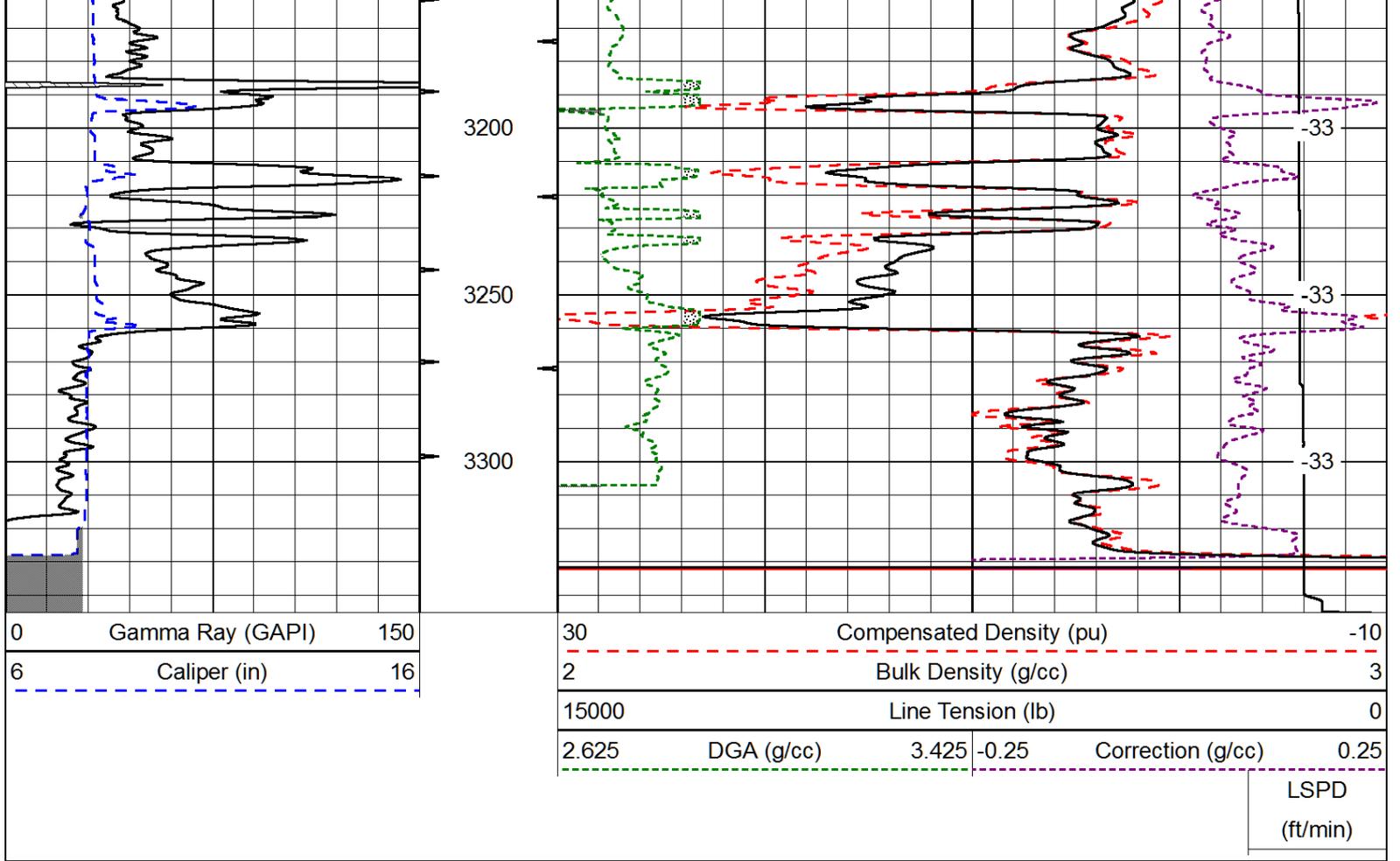
Database File: rjm_hohd.db
 Dataset Pathname: dil/rjmmain
 Presentation Format: cdl
 Dataset Creation: Fri Feb 28 04:34:58 2014
 Charted by: Depth in Feet scaled 1:600

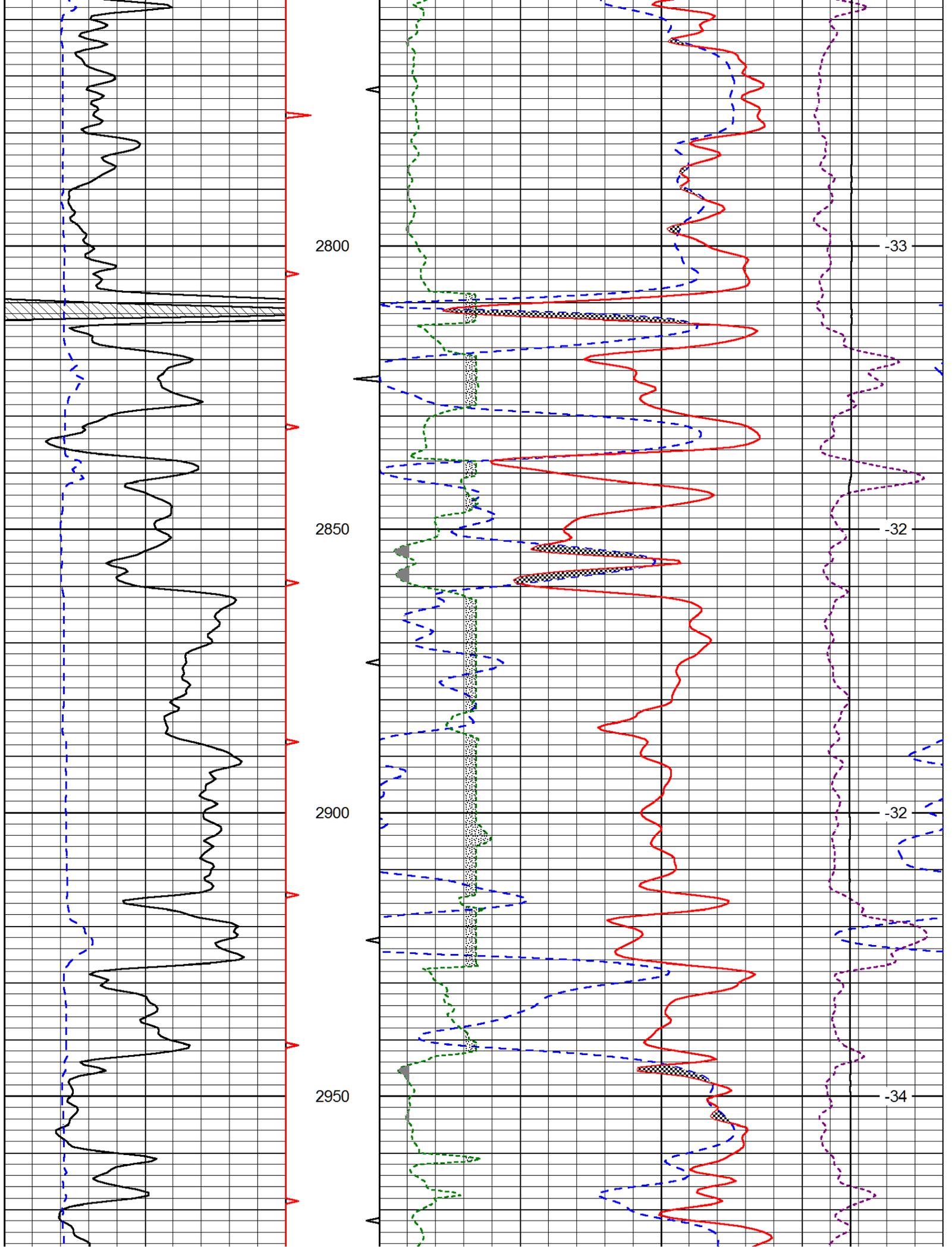
0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

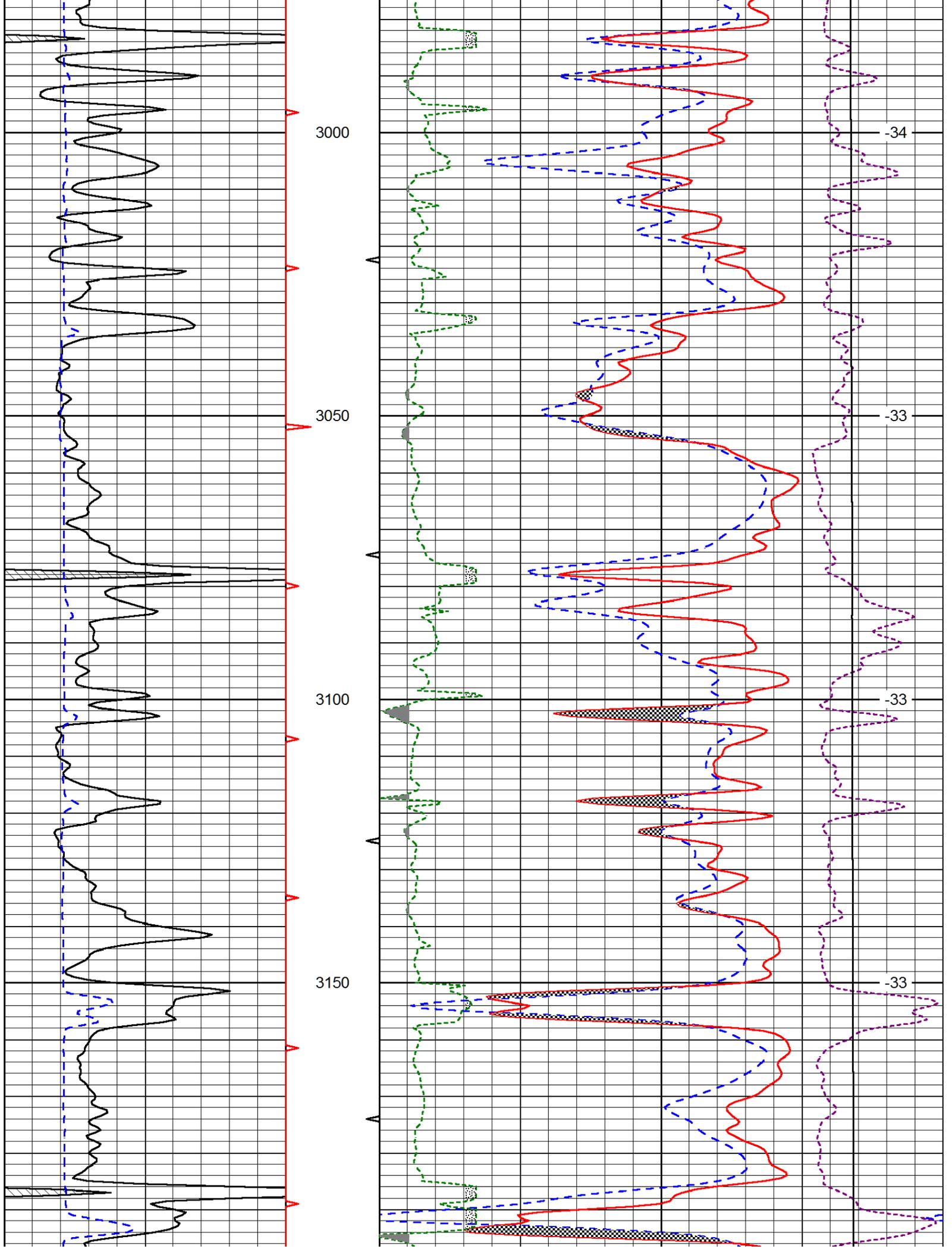
30	Compensated Density (pu)		-10
2	Bulk Density (g/cc)		3
15000	Line Tension (lb)		0
2.625	DGA (g/cc)	3.425	-0.25
	Correction (g/cc)		0.25

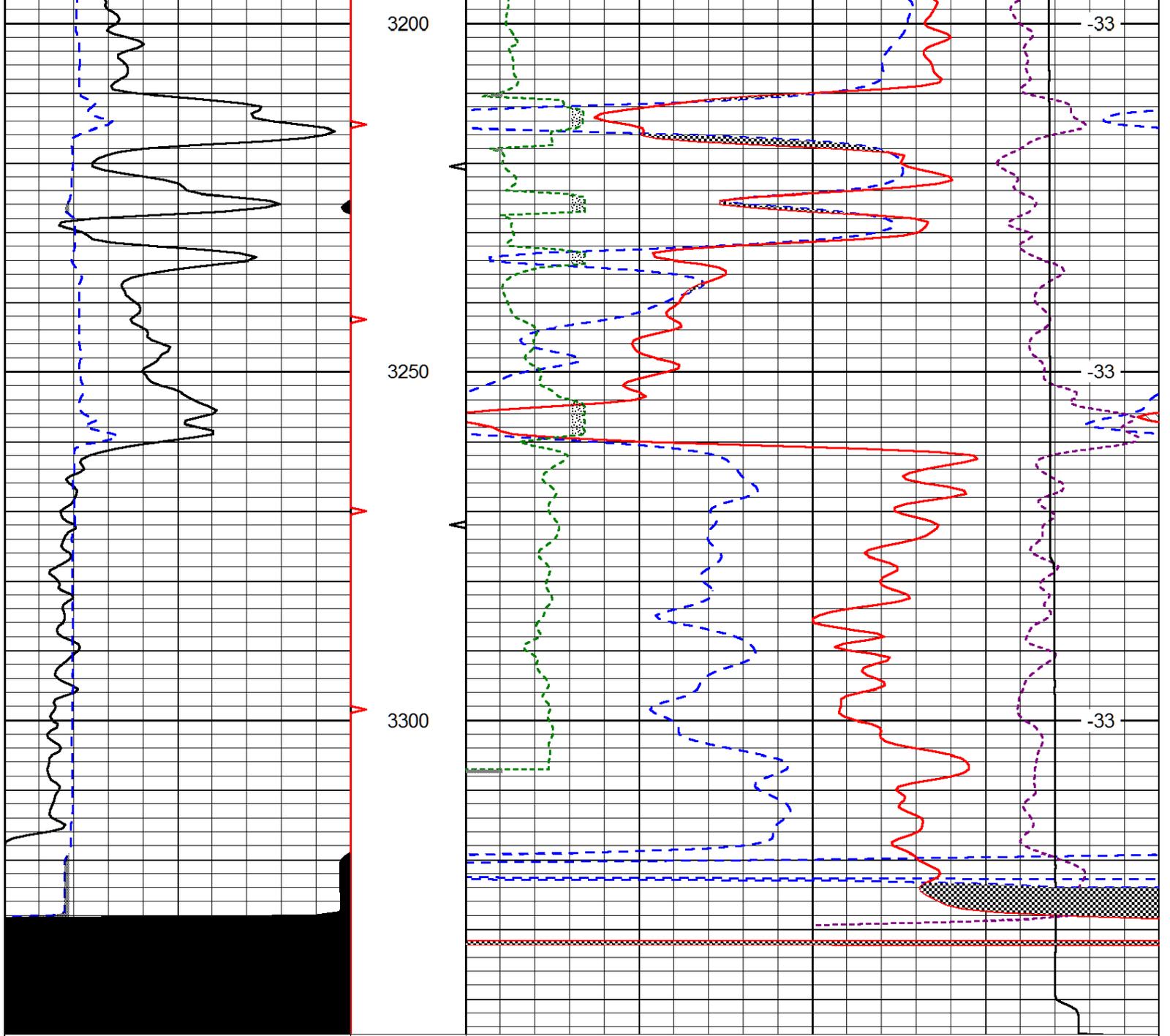
LSPD
(ft/min)











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

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)