



Pioneer Energy Services

## Dual Compensated Porosity Log

15-147-20735-00-00

API No.

Company **Gore Oil Company**  
 Well **Demuth #9**  
 Field **Ray**  
 County **Phillips** State **Kansas**

Location  
**2300' FSL & 1750' FWL**

Sec: **22** Twp: **5S** Rge: **20W**

Other Services  
 DIL  
 MEL

Permanent Datum Ground Level Elevation 2188  
 Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum  
 Drilling Measured From Kelly Bushing

Elevation  
 K.B. 2196  
 D.F. 2188  
 G.L. 2188

Date	05/30/2014	
Run Number	One	
Type Log	CNL / CDL	
Depth Driller	3660	
Depth Logger	3661	
Bottom Logged Interval	3660	
Top Logged Interval	2800	
Type Fluid In Hole	Chemical	
Salinity, PPM CL	1300	
Density	9.1	
Level	Full	
Max. Rec. Temp. F	115	
Operating Rig Time	3 Hours	
Equipment -- Location	91 Hays	
Recorded By	D. Schmidt	
Witnessed By	Chuck Schmalz	

**Borehole Record**

Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	262	8.625	24#	00	262
2	7.875	262	3660				

**Casing Record**

<<< Fold Here >>>

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.

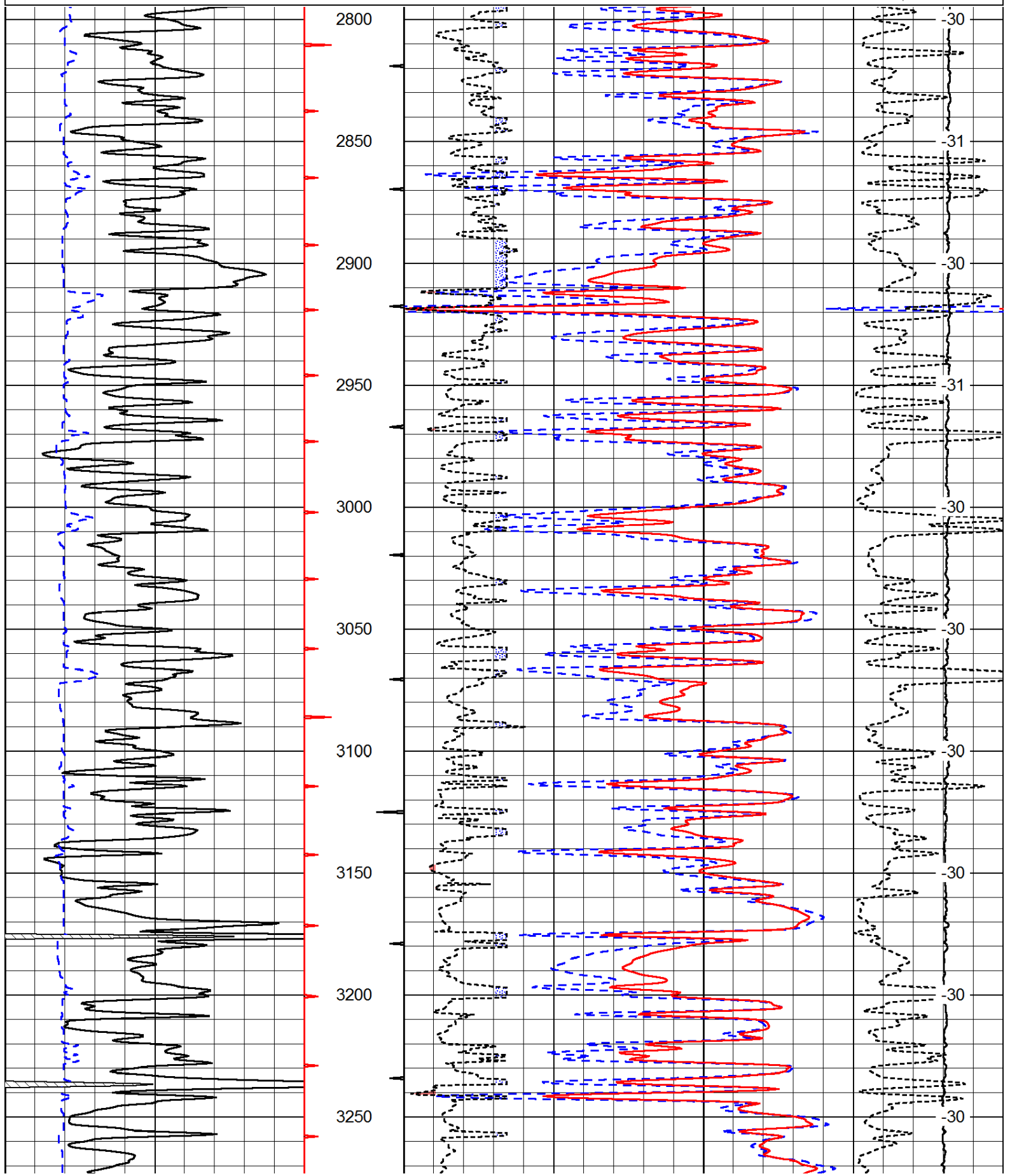
**Comments**

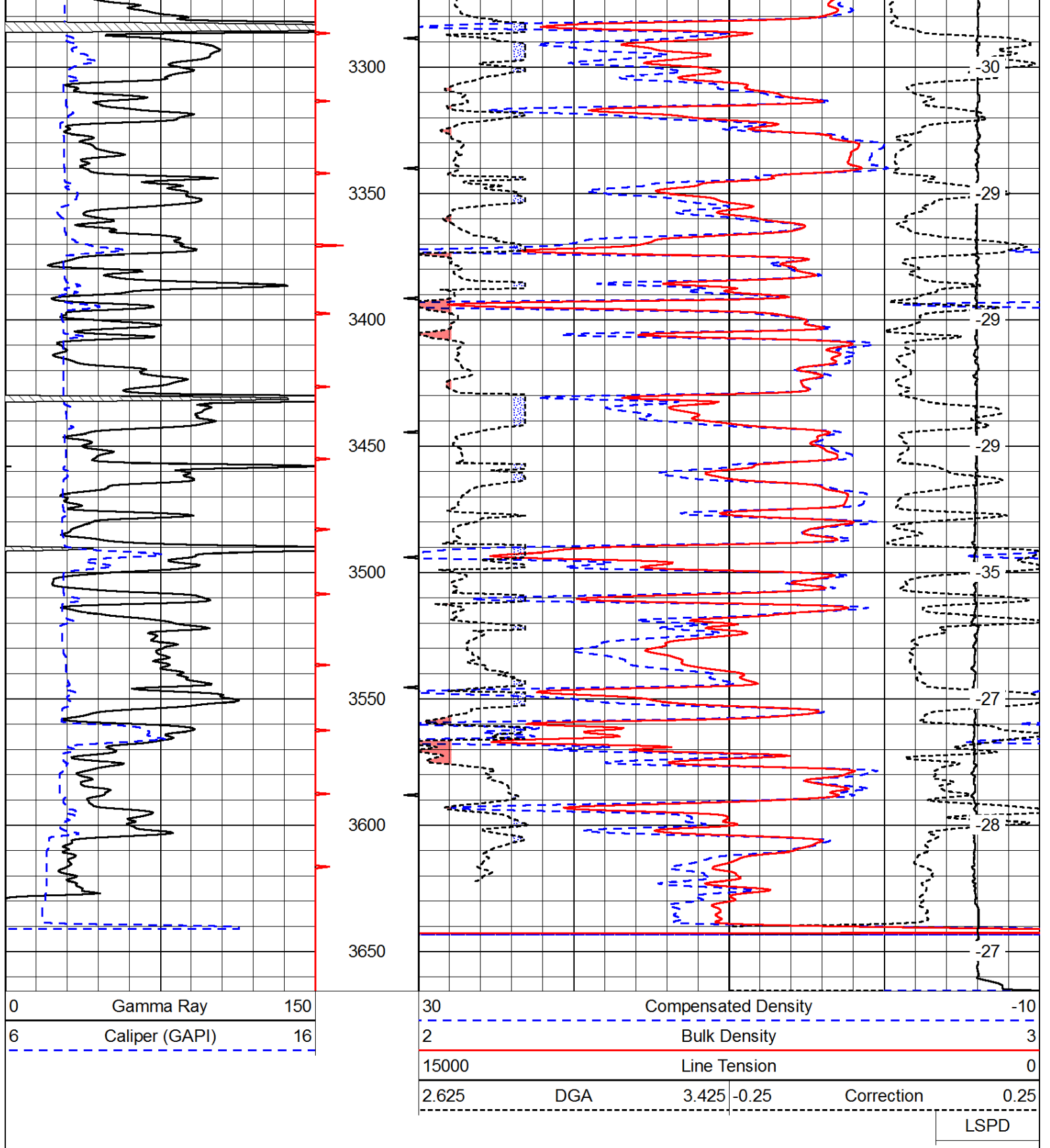
Thank you for using Pioneer Energy Services  
 www.pioneerenergy.com  
 785 625 3858  
 Logan,  
 South to Big Bear Rd,  
 1/2 South, 1/4 East,  
 North and East Into

Database File: c:\warrior\data\gore\_demuth #9\gore\_demuth\_9hd.db  
 Dataset Pathname: dil\gostkml  
 Presentation Format: cdl  
 Dataset Creation: Sat May 31 01:15:47 2014  
 Charted by: Depth in Feet scaled 1:600

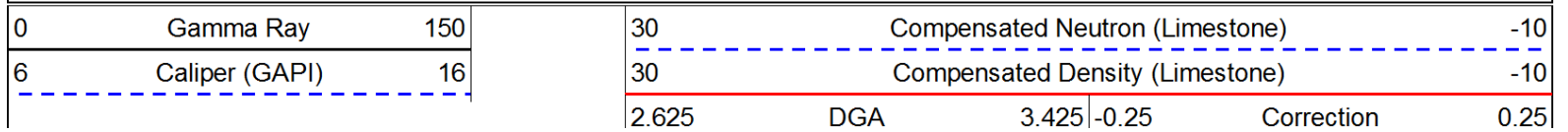
0	Gamma Ray	150
6	Caliper (GAPI)	16

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

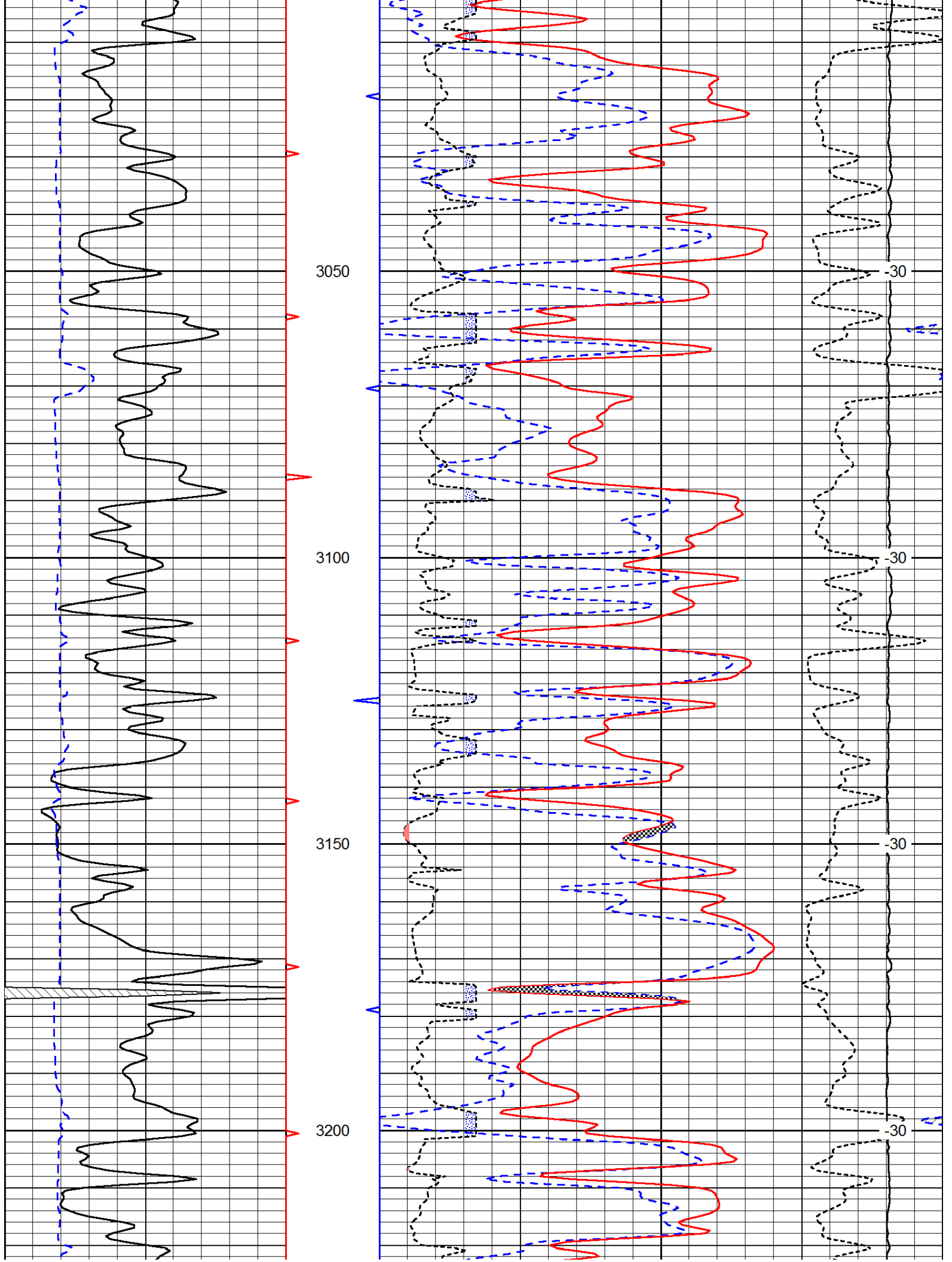


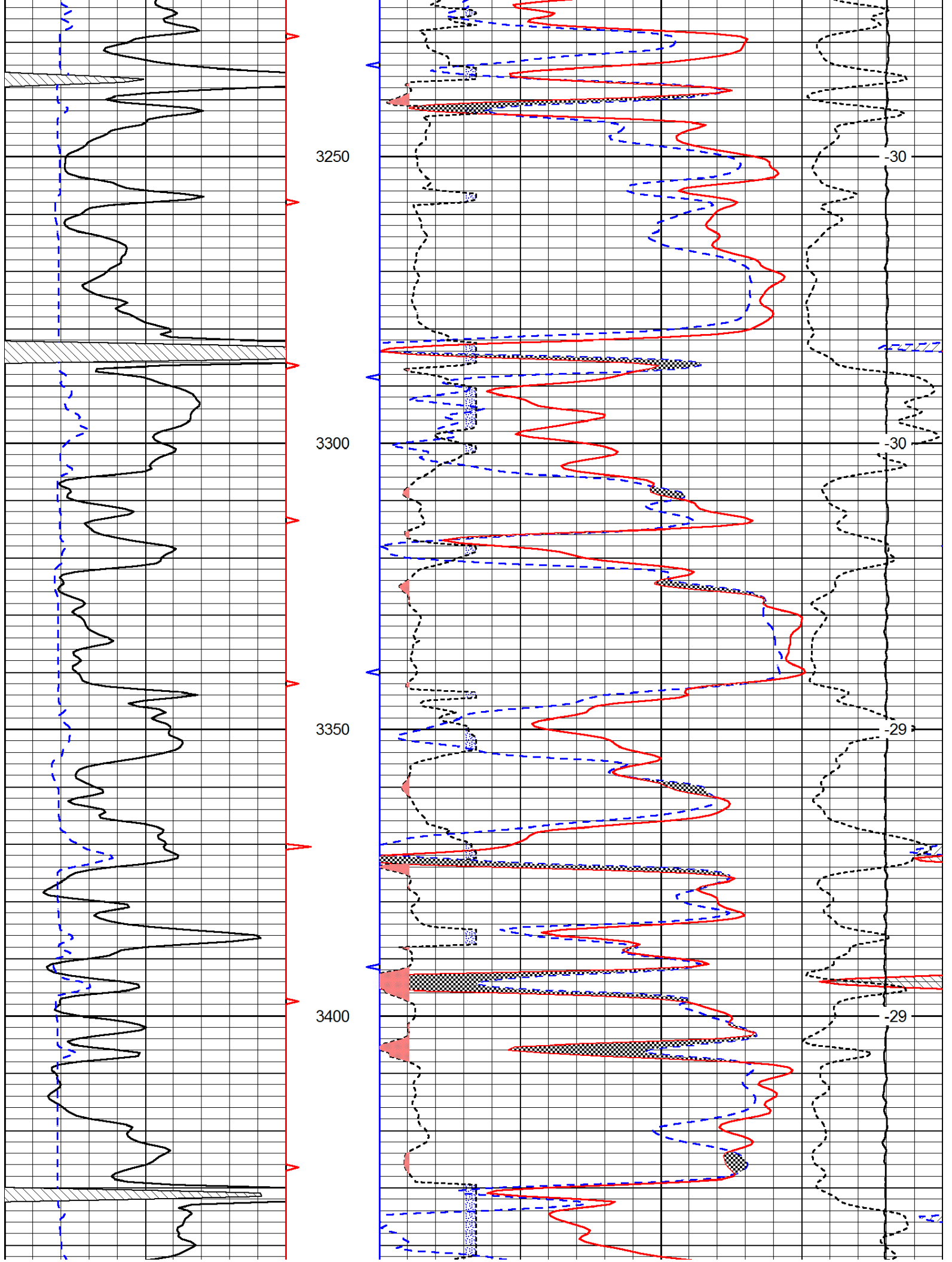


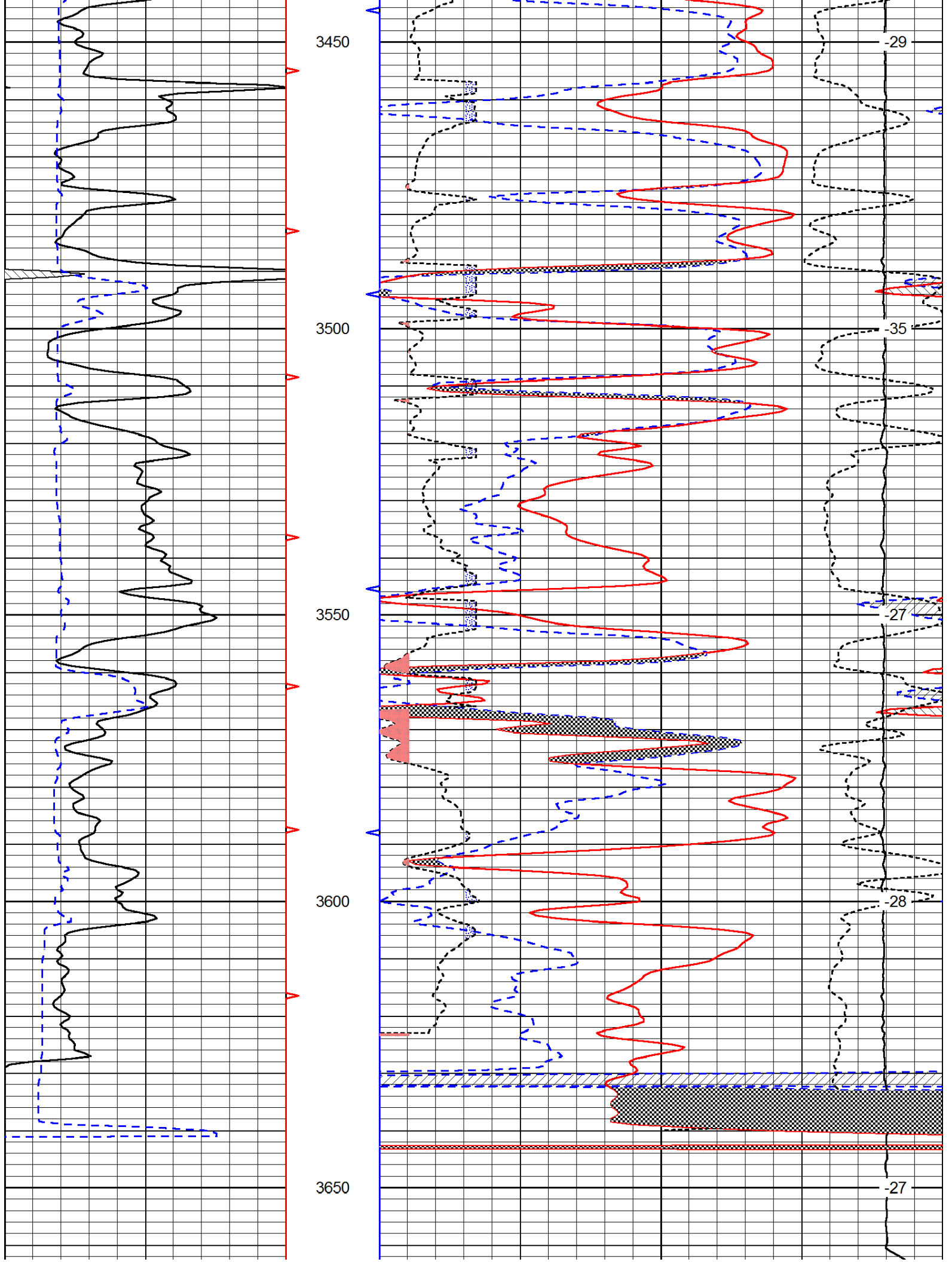
Database File: c:\warrior\data\gore\_demuth #9\gore\_demuth\_9hd.db  
 Dataset Pathname: dil/gostkml  
 Presentation Format: cndlspec  
 Dataset Creation: Sat May 31 01:15:47 2014  
 Charted by: Depth in Feet scaled 1:240











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