



Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No. 15-145-21,580-00-00	Company Murfin Drilling Company, Inc.	
	Well Bowman A #1-31	
	Field Bow	
	County Pawnee	State Kansas
	Location W/2 SE SE SE 330' FSL & 510' FEL	Other Services DIL MEL / BHCS
	Sec: 31 Twp: 22S Rge: 15W	Elevation K.B. 2015 D.F. 2010

Permanent Datum	Ground Level	Elevation 2010	K.B. 2015				
Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum	D.F. 2010				
Drilling Measured From	Kelly Bushing						
Date	3/1/2009						
Run Number	One						
Type Log	CNL / CDL						
Depth Driller	4057						
Depth Logger	4056						
Bottom Logged Interval	4035						
Top Logged Interval	1800						
Type Fluid In Hole	Chemical						
Salinity, PPM CL	22,500						
Density	8.9						
Level	Full						
Max. Rec. Temp. F	116						
Operating Rig Time	5 Hours						
Equipment -- Location	17 Hays						
Recorded By	T. Martin						
Witnessed By	Bob Stolzle						
Borehole Record		Casing Record					
Run No	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	630	8.625	24#	00	630
2	7.875	630	4057				

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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

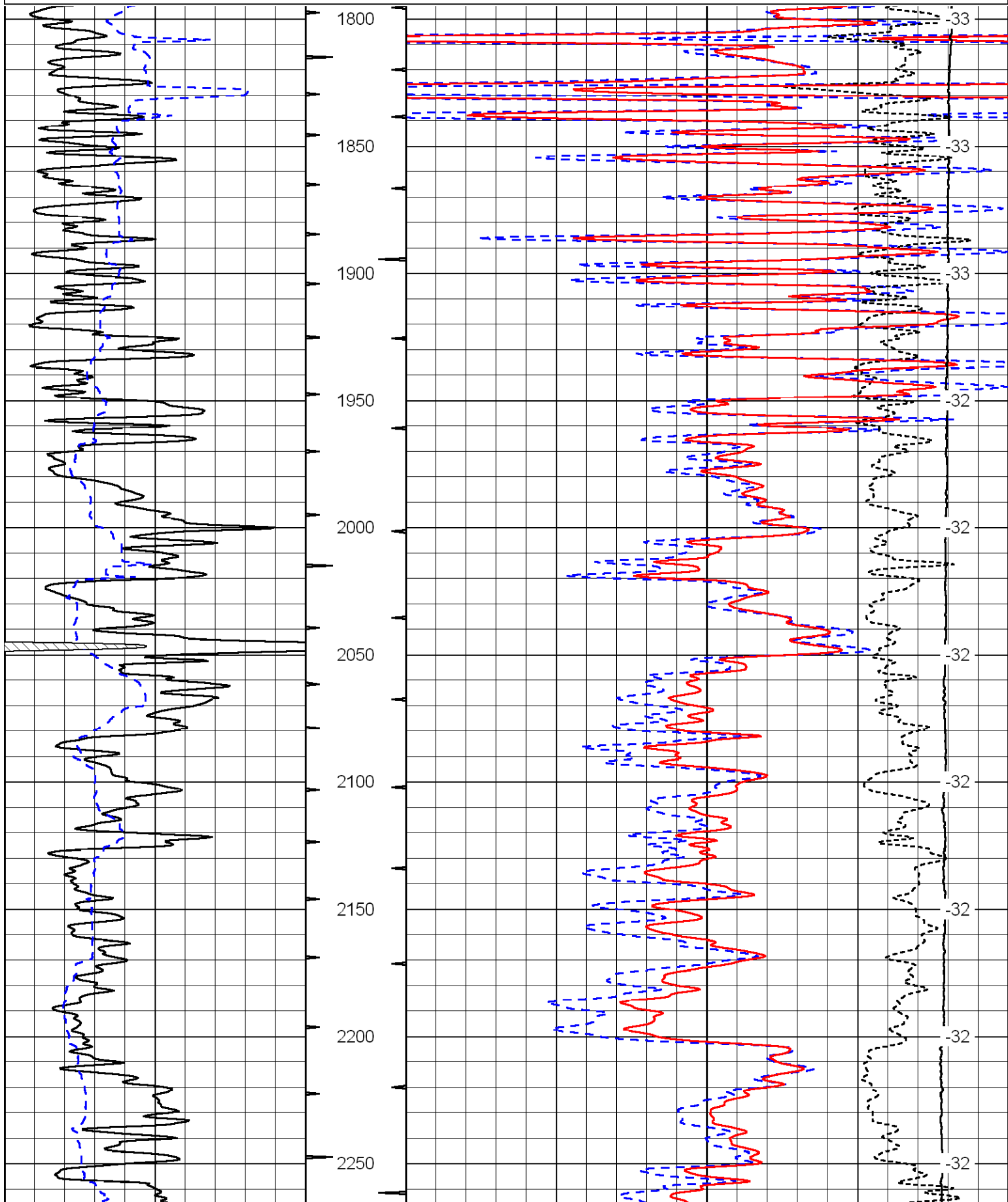
Thank you for using Log-Tech, Inc.
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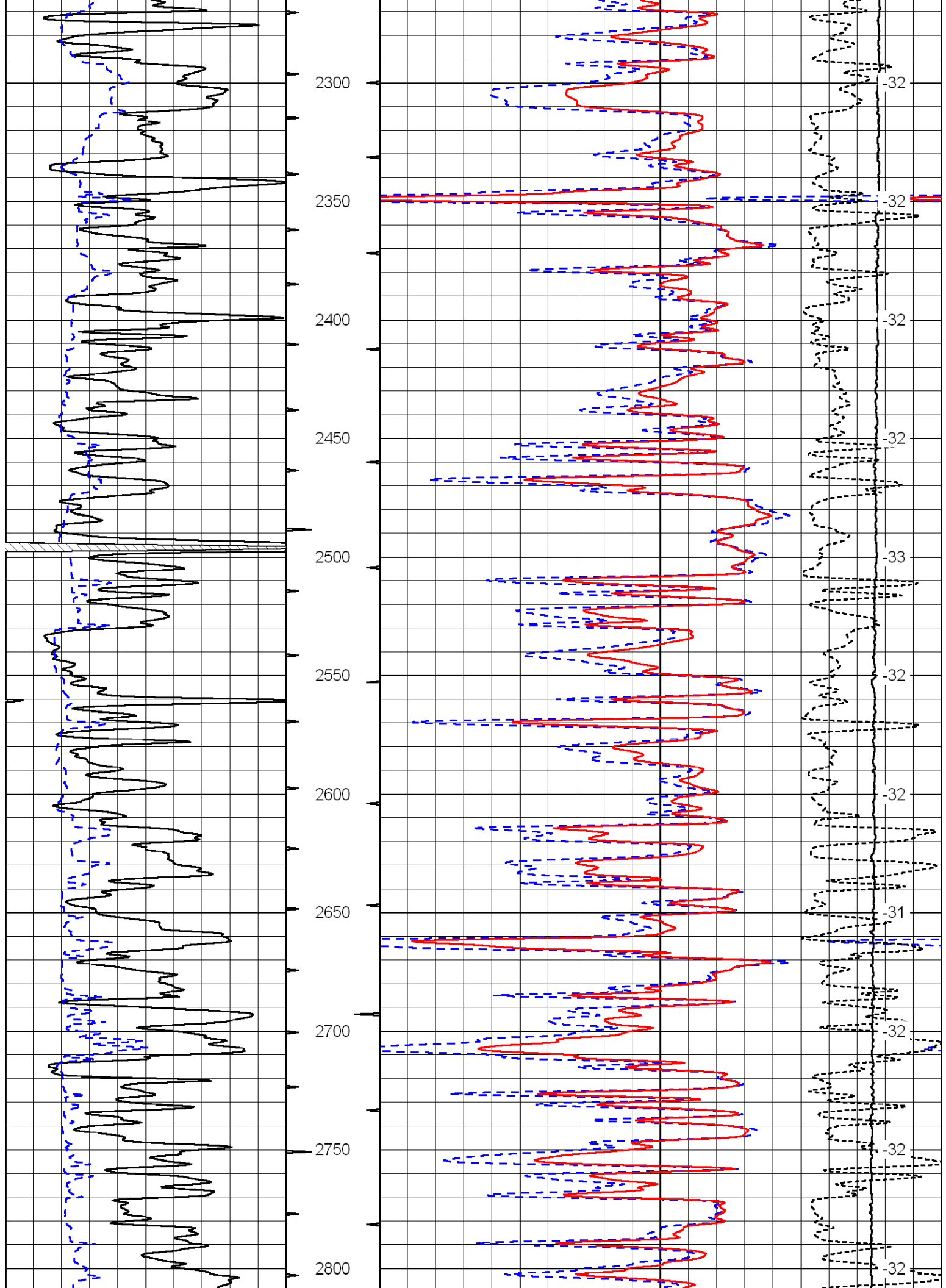
Larned, 5 S on 19 to G Rd, 5 E, N into

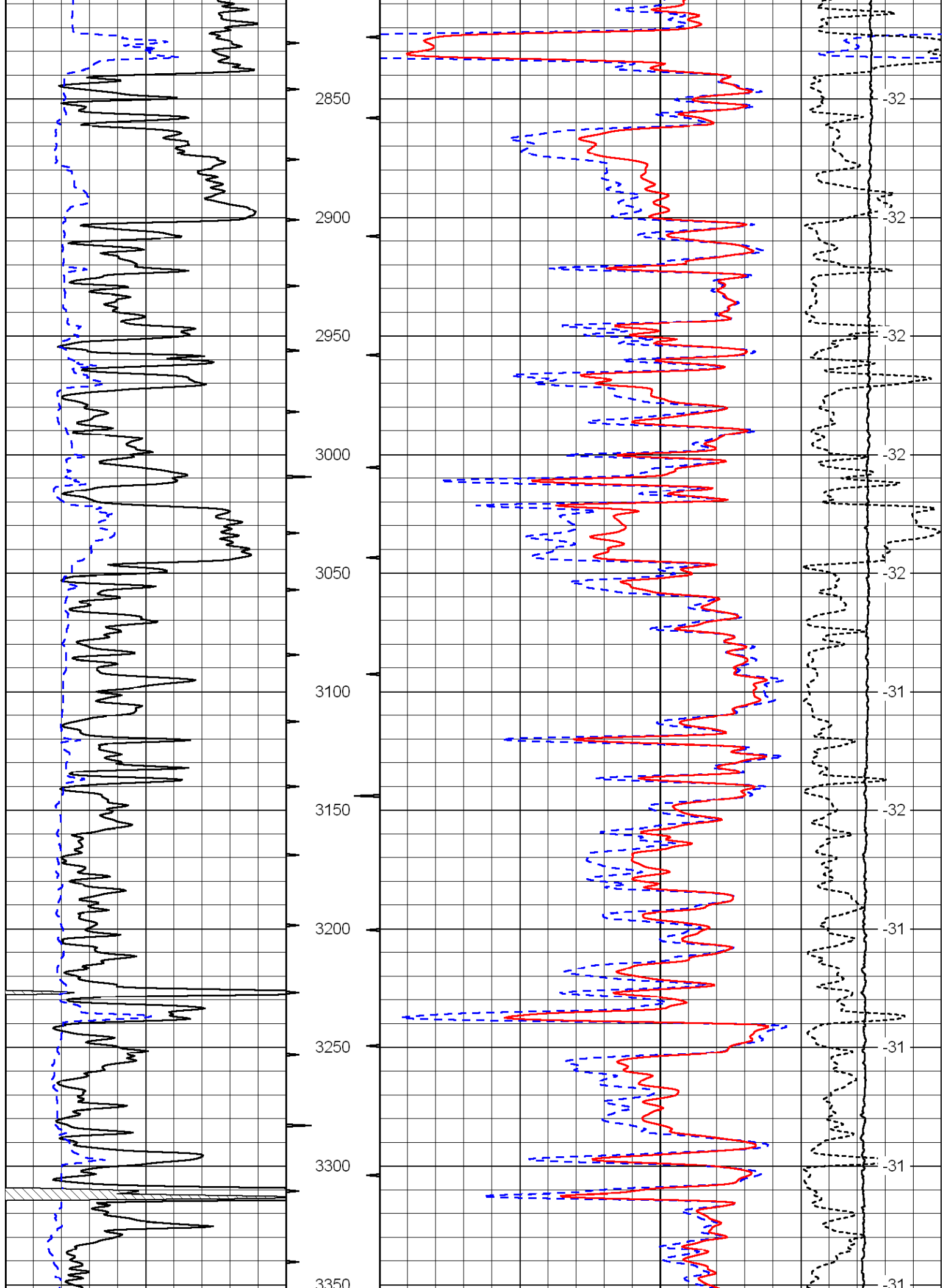
Database File: c:\warrior\data\murfin_bowman a #1-31\mfndb.db
Dataset Pathname: dil/mfnstb
Presentation Format: cdl
Dataset Creation: Sun Mar 01 14:51:04 2009
Charted by: Depth in Feet scaled 1:600

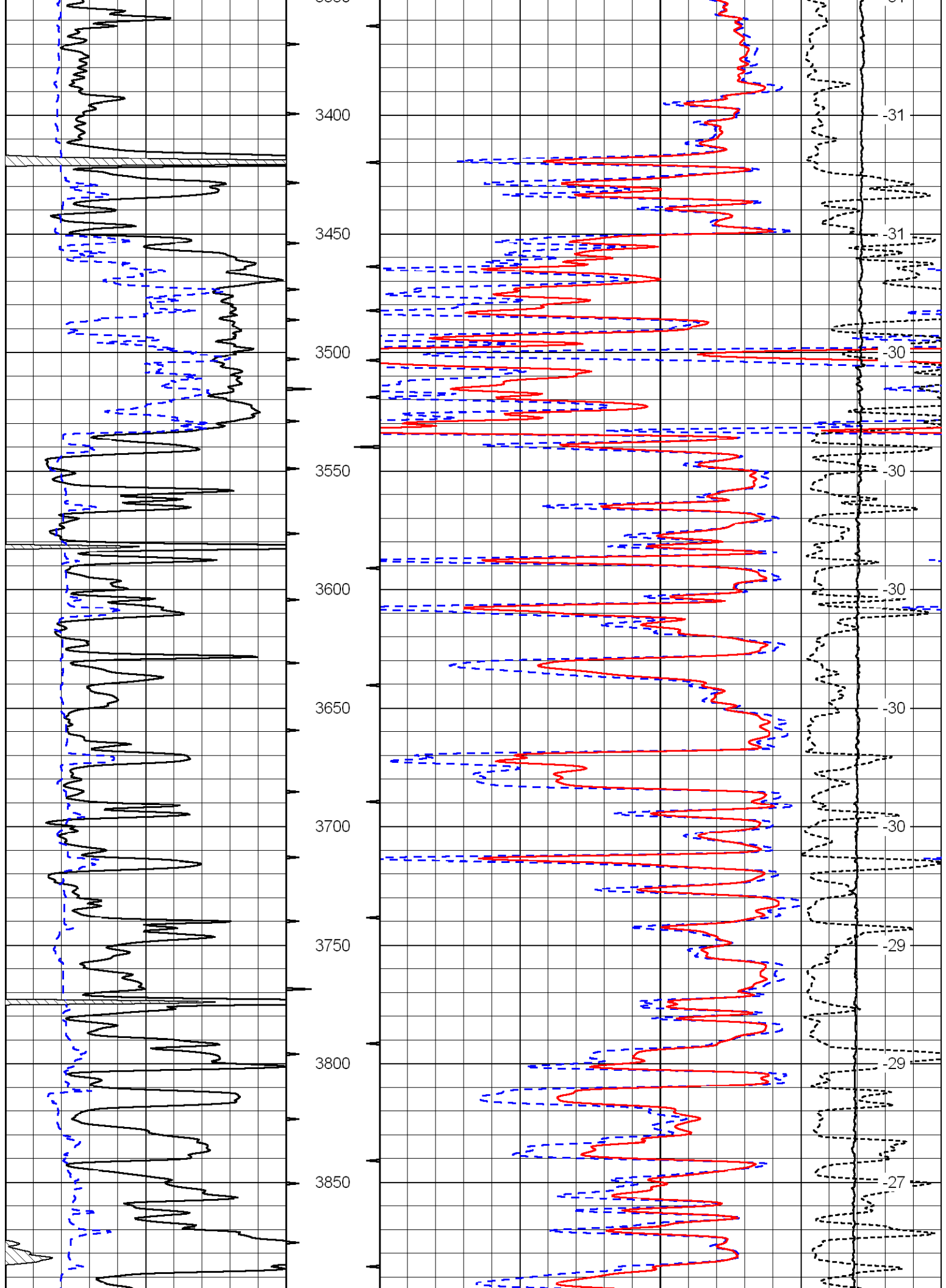
0	Gamma Ray	150
6	Caliper (in)	16

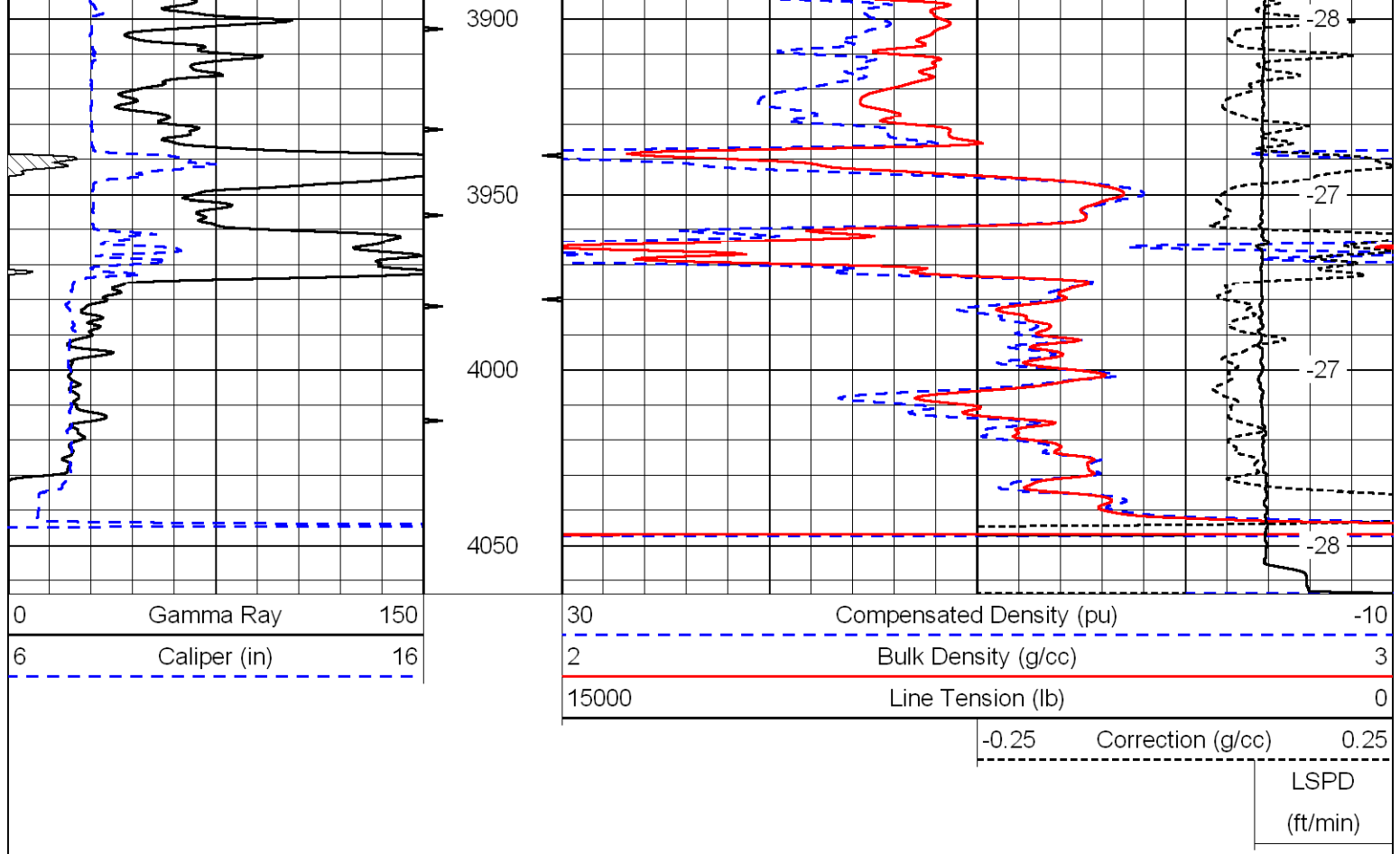
30	Compensated Density (pu)		-10
2	Bulk Density (g/cc)		3
15000	Line Tension (lb)		0
	-0.25	Correction (g/cc)	0.25
	LSPD		
	(ft/min)		











Database File: c:\warrior\data\murfin_bowman a #1-31\mfnhd.db
 Dataset Pathname: dil/mfnstk
 Presentation Format: cndlspec
 Dataset Creation: Sun Mar 01 14:51:04 2009
 Charted by: Depth in Feet scaled 1:240

