



Pioneer Energy Services

Dual Compensated Porosity Log

15-007-24,136-00-00

API No.

Company **N-10 Exploration, LLC**
 Well **Medicine River Ranch 'E' #3**
 Field **Landis**
 County **Barber** State **Kansas**

Location **SW NW SE**
1650' FSL & 2310' FEL
 Sec: **22** Twp: **34S** Rge: **11W**

Ground Level **Elevation 1325**
 Kelly Bushing **10 Ft. Above Perm. Datum**
 Kelly Bushing

Other Services
DIL
 Elevation
 K.B. 1335
 D.F. 1325
 G.L. 1325

Date	3/5/2014	
Run Number	One	
Type Log	CNL / CDL	
Depth Driller	4986	
Depth Logger	4985	
Bottom Logged Interval	4964	
Top Logged Interval	3400	
Type Fluid In Hole	Chemical	
Salinity, PPM CL	2,500	
Density	9.3	
Level	Full	
Max. Rec. Temp. F	126	
Operating Rig Time	3 Hours	
Equipment -- Location	17 Days	
Recorded By	C. Desaire	
Witnessed By	Tim Pierce	

Borehole Record		Casing Record				
Run No.	Bit From	To	Size	Wgt. 24#	From	To
1	12.25	00	550	8.625	00	550
2	7.875	550	4986			

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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

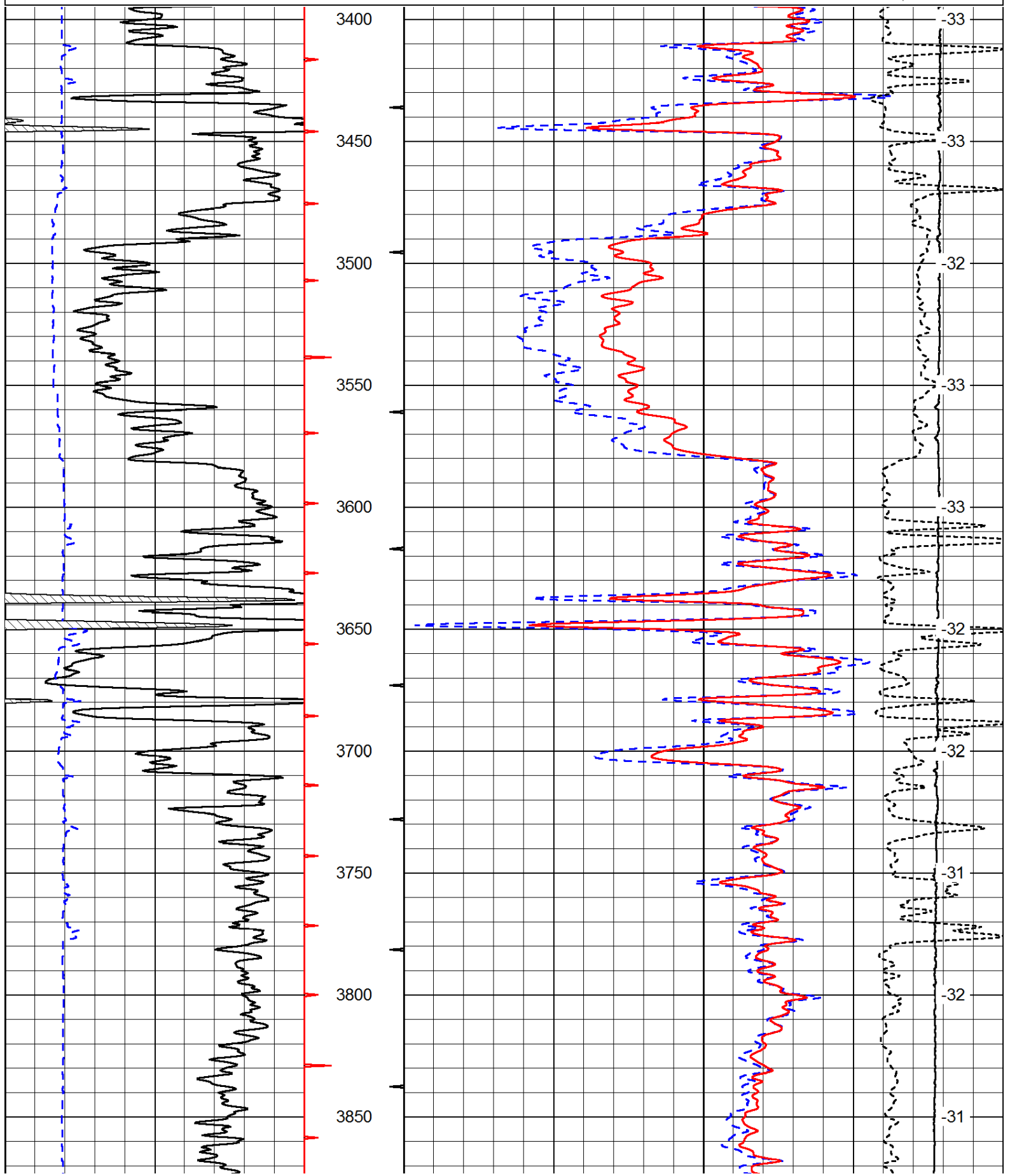
Thank you for using Pioneer Energy Services
www.pioneerenergy.com
 785 625 3858

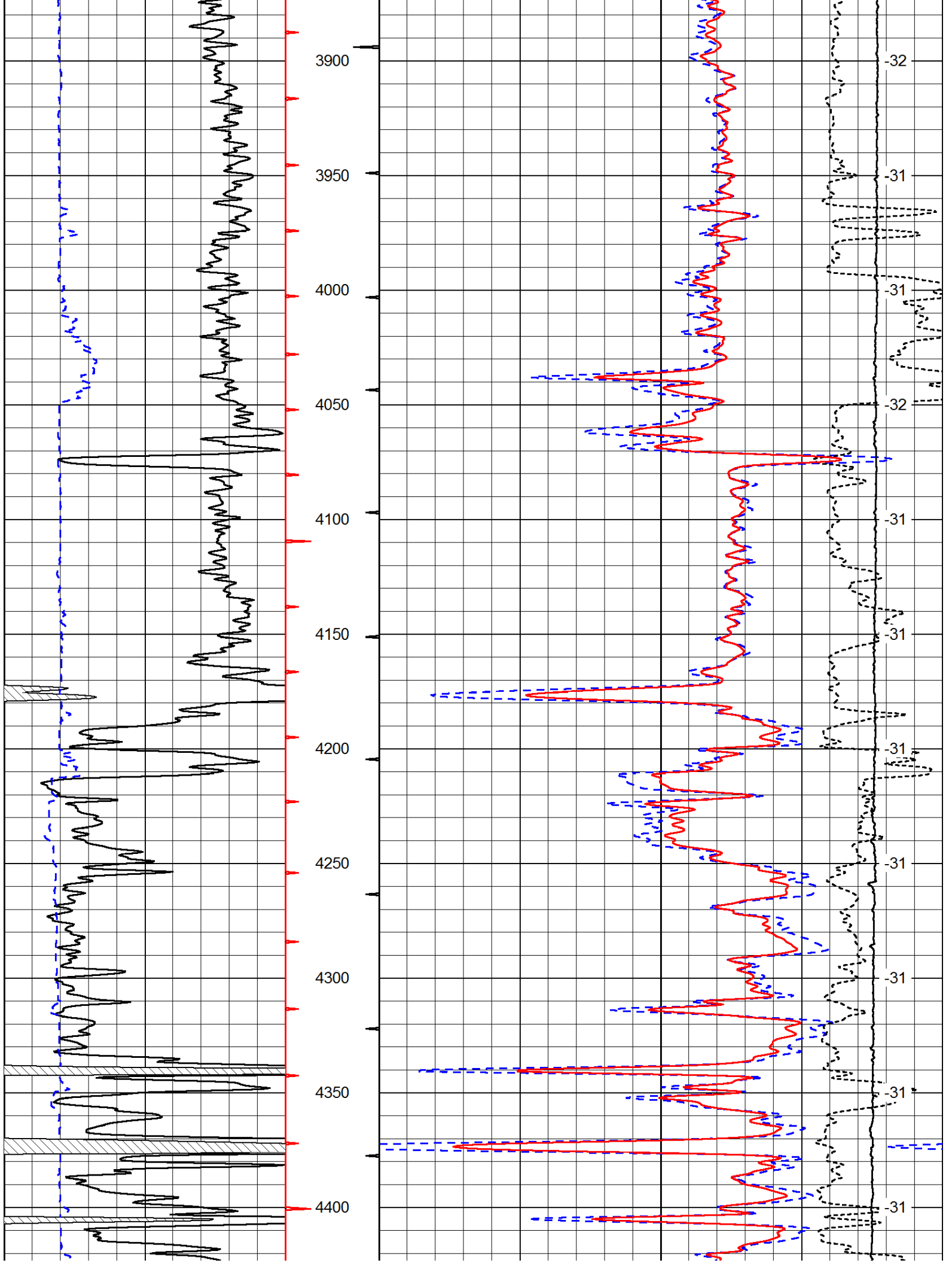
 Medicine Lodge KS, S to Gerlane Rd,
 E to Bethel Rd, 3 1/2 S to Angus Rd, 1 W, S Into

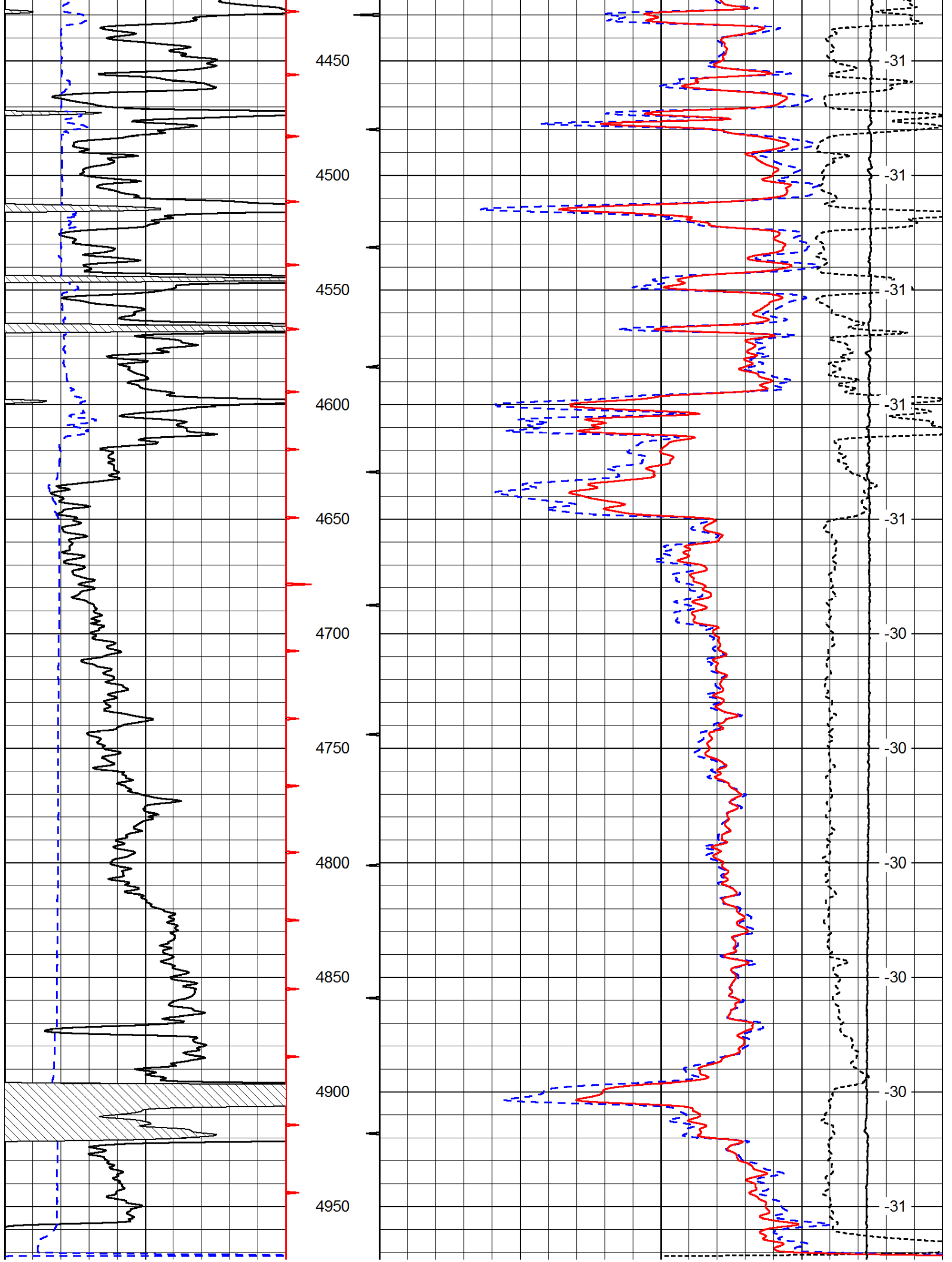
Database File: c:\warrior\data\n-10_medicine river ranch 'e' #3\n10hd.db
 Dataset Pathname: dil/n10stk
 Presentation Format: cdl
 Dataset Creation: Wed Mar 05 14:10:15 2014
 Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
6	Caliper (GAPI)	16

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







0	Gamma Ray	150	30	Compensated Density	-10	
6	Caliper (GAPI)	16	2	Bulk Density	3	
			15000	Line Tension	0	
				-0.25	Correction	0.25
					LSPD	

Database File: c:\warrior\data\n-10_medicine river ranch 'e' #3\n10hd.db
 Dataset Pathname: dil/n10stk
 Presentation Format: cndlspec
 Dataset Creation: Wed Mar 05 14:10:15 2014
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	30	Compensated Neutron (Limestone)	-10	
6	Caliper (GAPI)	16	30	Compensated Density (Limestone)	-10	
			15000	Line Tension	0	
				-0.25	Correction	0.25
					LSPD	

