



Dual Compensated
Porosity Log

DIGITAL LOG (785) 625-3858

15-065-23798-00-00

API No.	Company Cobalt Energy, LLC			Other Services DIL MEL
	Well Hobbs "A" #1-18			
	Field Wildcat			
	County Graham		State Kansas	
	Location 990' FNL & 1980' FEL			
	Sec: 18	Twp: 10S	Rge: 24W	Elevation K.B. 2462 D.F. G.L. 2452
Permanent Datum	Ground Level		Elevation 2452	
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum		
Drilling Measured From	Kelly Bushing			

Date	1/13/2012			
Run Number	One			
Type Log	CNL / CDL			
Depth Driller	4050			
Depth Logger	4049			
Bottom Logged Interval	4028			
Top Logged Interval	3600			
Type Fluid In Hole	Chemical			
Salinity, PPM CL	2000			
Density	9.1			
Level	Full			
Max. Rec. Temp. F	117			
Operating Rig Time	4 Hours			
Equipment -- Location	10 Hays			
Recorded By	D. Schmidt			
Witnessed By	Corey Baker			

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	226	8.625	24#	00	226
2	7.875	226	4050				

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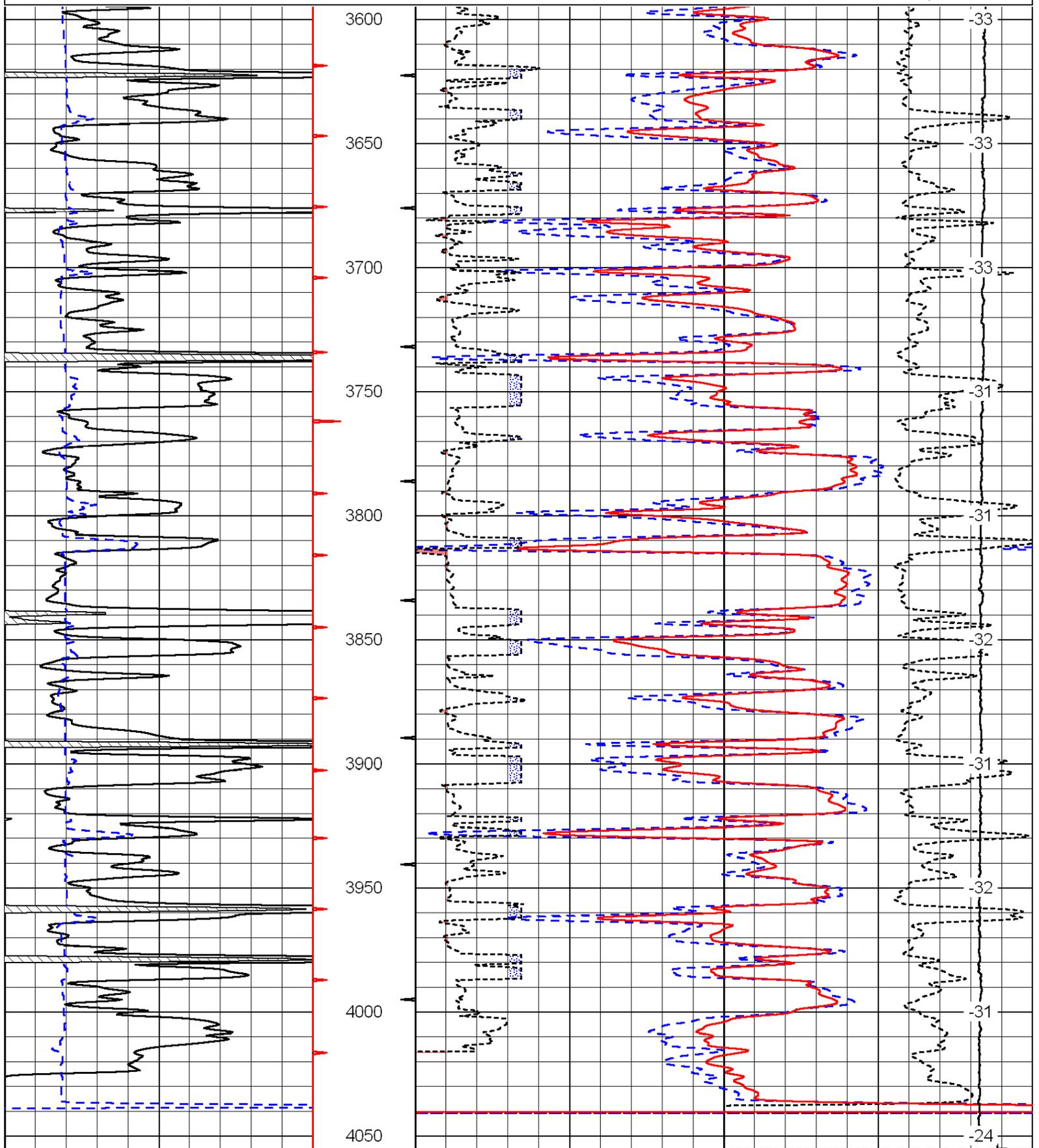
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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
Wakeeney,
10 N, 6 W, 2 N,
3 1/2 W,
S into

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			



0	Gamma Ray	150
6	Caliper (GAPI)	16

30	Compensated Density		-10
2	Bulk Density		3

0	Caliper (GAPI)	16
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z		Bulk Density			5
15000		Line Tension			0
2.625	DGA	3.425	-0.25	Correction	0.25
					LSPD

Database File: c:\warrior\data\cobalt_hobbs a #1-18\cobalt_hobbsa_1-18hd.db
 Dataset Pathname: dil/cobstck
 Presentation Format: cndlspec
 Dataset Creation: Fri Jan 13 17:24:54 2012
 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

