



Pioneer Energy Services

Dual Compensated Porosity Log

15-145-21,741-00-00

API No.

Company **H&B Petroleum Corporation**
 Well **Mount Trust #1**
 Field **Hurray**
 County **Pawnee** State **Kansas**

Location **1645' FNL & 380' FEL**
 Sec: **3** Twp: **22S** Rge: **15W**

Other Services
 DIL
 MEL/BHCS

Permanent Datum **Ground Level** Elevation **1972**
 Log Measured From **Kelly Bushing** 12 Ft. Above Perm. Datum
 Drilling Measured From **Kelly Bushing**

Elevation
 K.B. 1984
 D.F. 1972
 G.L. 1972

Date	11/17/2013
Run Number	One
Type Log	CNL / CDL
Depth Driller	3938
Depth Logger	3934
Bottom Logged Interval	3933
Top Logged Interval	3000
Type Fluid In Hole	Chemical
Salinity, PPM CL	5,000
Density	9.3
Level	Full
Max. Rec. Temp. F	115
Operating Rig Time	4 1/2 Hours
Equipment -- Location	17 Hays
Recorded By	C. Desaire
Witnessed By	Jim Musgrove

Borehole Record		Casing Record	
Run No.	Bit From To	Size	Wgt.
1	12.25 00	8.625	24#
2	7.875 417		

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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

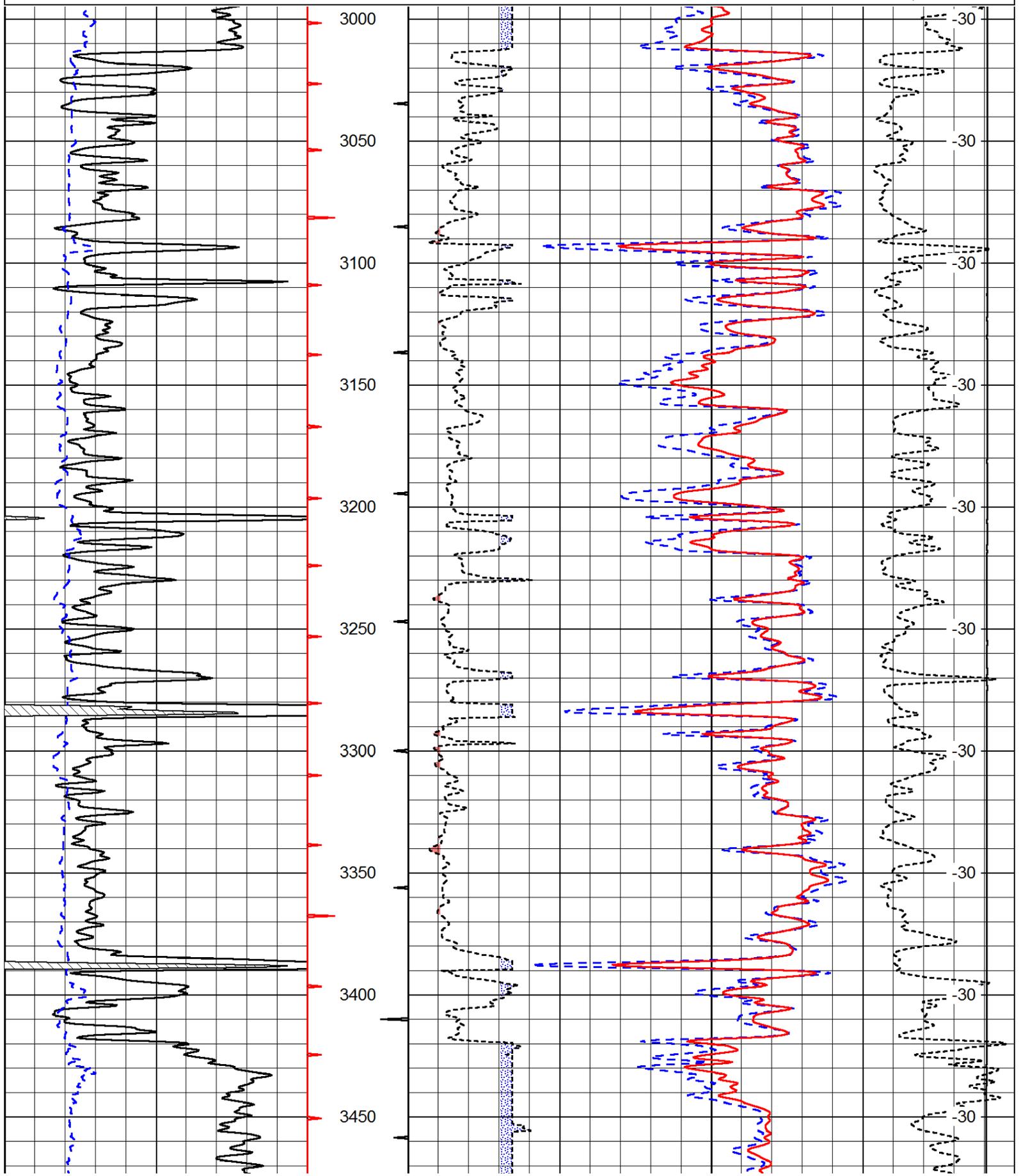
Thank you for using Pioneer Energy Services
www.pioneerenergy.com
 785 625 3858

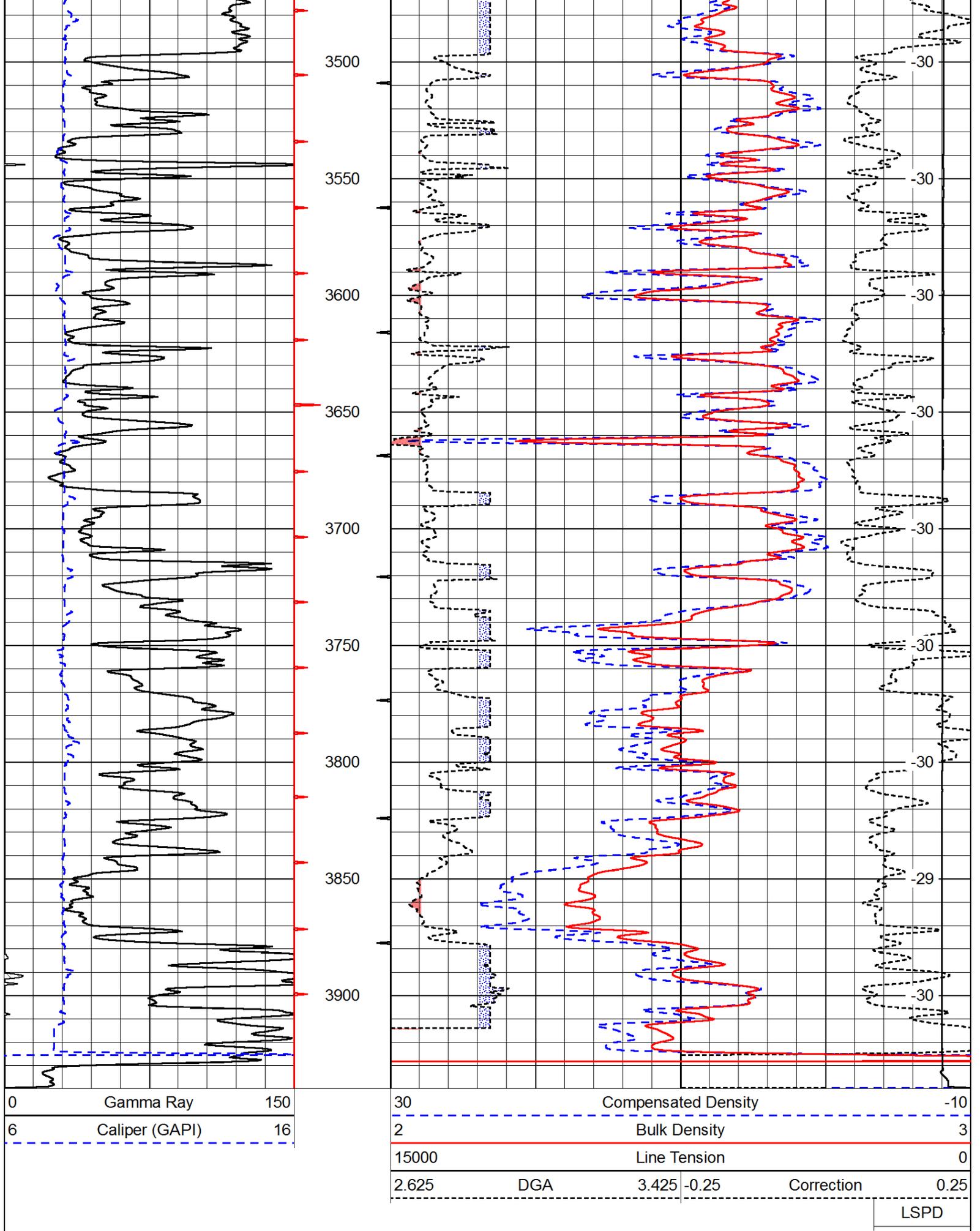
Larned KS, E on K-19 to Ave 30,
 1/2 N, W Into

Database File: c:\warrior\data\h&b_mount trust #1\hbhd.db
 Dataset Pathname: dil/hbstk
 Presentation Format: cdl
 Dataset Creation: Sun Nov 17 02:38:34 2013
 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\n&b_mount\trust#\r\nbnd.db
 Dataset Pathname: dil/hbstk
 Presentation Format: cndlspec
 Dataset Creation: Sun Nov 17 02:38:34 2013
 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
		2.625	DGA	3.425	-0.25
		Correction			0.25
		Line Tension			0

LSPD

