



Pioneer Energy Services

## Dual Compensated Porosity Log

15-051-26,734-00-00

**Company** TDI  
**Well** Stackhouse East #2  
**Field** Unnamed  
**County** Ellis  
**State** Kansas

**Location** 2310' FNL & 1975' FEL  
**Sec:** 18 **Twp:** 12S **Rge:** 18W

**Permanent Datum** Ground Level Elevation 2215  
**Log Measured From** Kelly Bushing 10 Ft. Above Perm. Datum  
**Drilling Measured From** Kelly Bushing

**Other Services**  
 DIL  
**Elevation**  
 K.B. 2225  
 D.F. 2215  
 G.L. 2215

Date	10/30/2014	
Run Number	One	
Type Log	CNL / CDL	
Depth Driller	3915	
Depth Logger	3916	
Bottom Logged Interval	3895	
Top Logged Interval	3100	
Type Fluid In Hole	Chemical	
Salinity, PPM CL	2500	
Density	9.2	
Level	Full	
Max. Rec. Temp. F	115	
Operating Rig Time	3.5 Hours	
Equipment -- Location	108 Hays	
Recorded By	D. Fischer	
Witnessed By	Tom Denning	

**Borehole Record**

Run No	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	222	8.625	24#	00	222
2	7.875	222	3915				

**Casing Record**

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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**

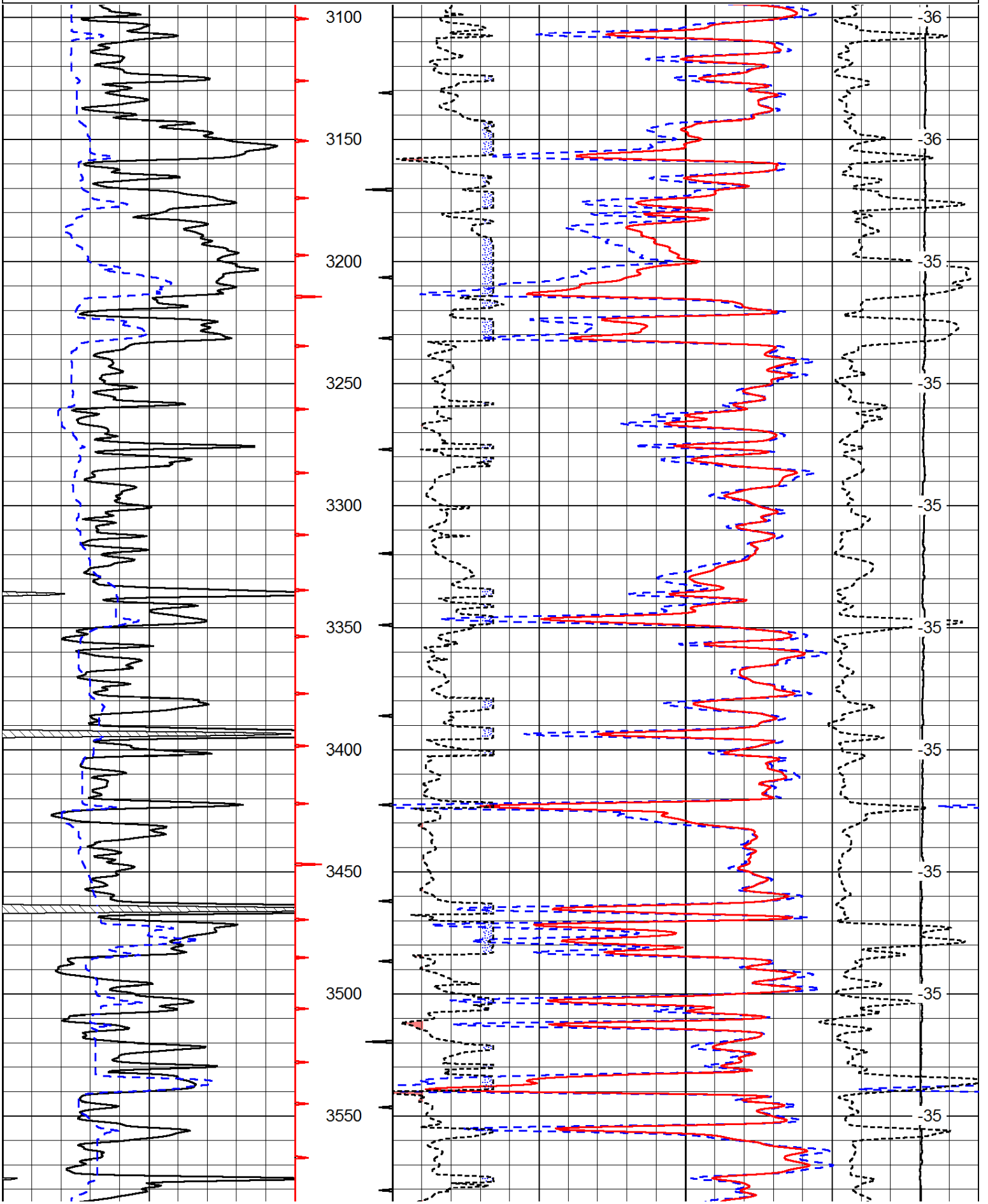
Thank you for using Pioneer Energy Services  
[www.pioneeres.com](http://www.pioneeres.com)  
 785 625 3858

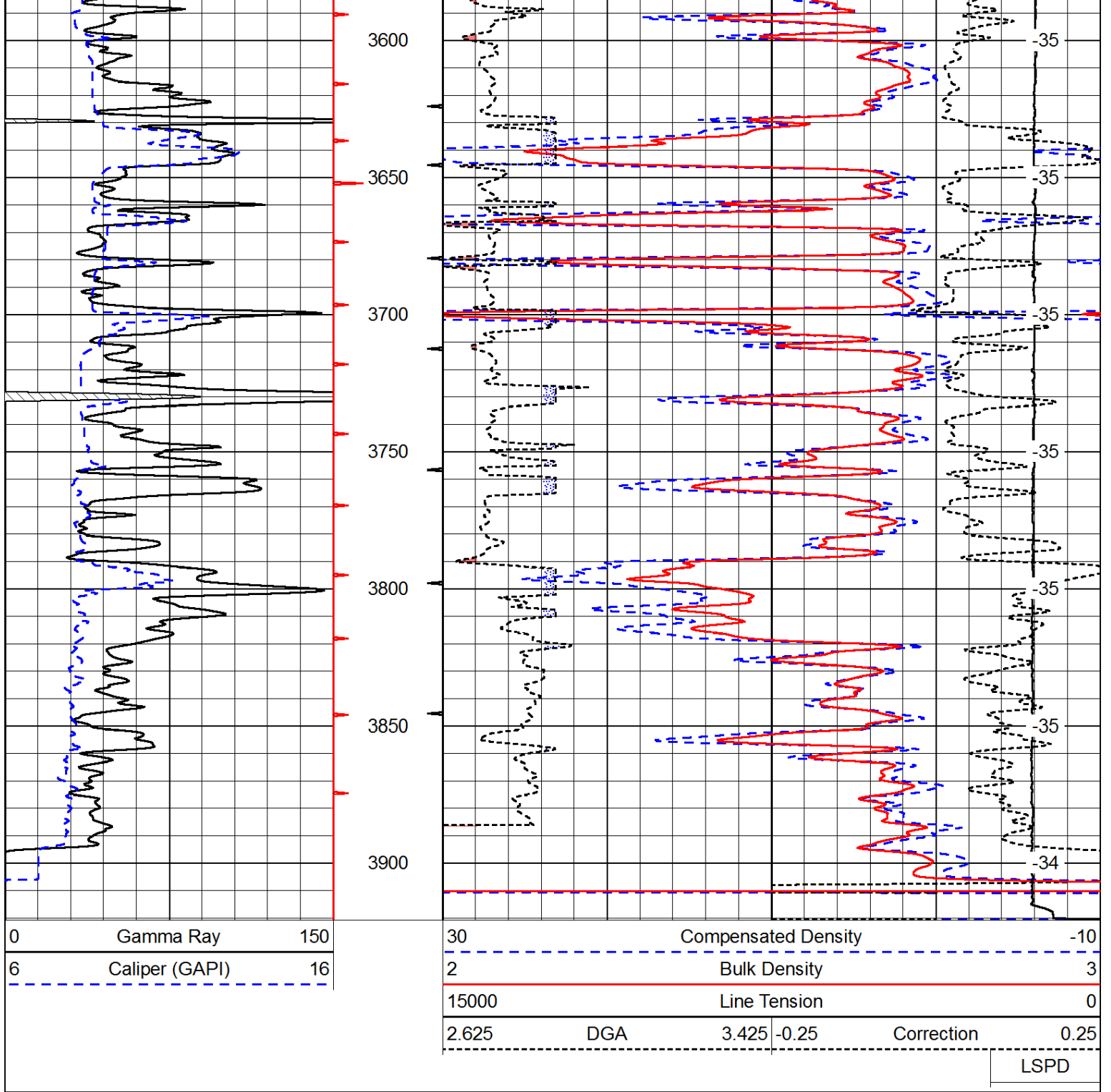
Hays Ks., North to Buckeye Rd., 2 West, 1/2 North, West Into.

Database File: c:\warrior\data\tdi\_stackhouse east #2\tdi\_stackhouse\_east\_2hd.db  
 Dataset Pathname: DIL\tdistck  
 Presentation Format: cdl  
 Dataset Creation: Thu Oct 30 19:49:44 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





Database File: c:\warrior\data\tdi\_stackhouse east #2\tdi\_stackhouse\_east\_2hd.db  
 Dataset Pathname: DIL\tdistck  
 Presentation Format: cndlspec  
 Dataset Creation: Thu Oct 30 19:49:44 2014  
 Charted by: Depth in Feet scaled 1:240

