



Pioneer Energy Services

Dual Compensated Porosity Log

15-051-26,598-00-00

Company **TDI, Inc.**
Well **Nicholson Unit #1**
Field **Ellis Southeast**
County **Ellis** State **Kansas**

Location **175' FNL & 1420' FEL**
Sec: **7** Twp: **13S** Rge: **20W**

Other Services
DIL
MEL

Permanent Datum
Log Measured From
Drilling Measured From

Ground Level
Kelly Bushing
Kelly Bushing

Elevation 2150
10 Ft. Above Perm. Datum
K.B. 2160
D.F.
G.L. 2150

Date 10/16/2013

Run Number One

Type Log CNL / CDL

Depth Driller 3925

Depth Logger 3927

Bottom Logged Interval 3906

Top Logged Interval 3100

Type Fluid In Hole Chemical

Salinity, PPM CL 1,300

Density 9.0

Level Full

Max. Rec. Temp. F 115

Operating Rig Time 3 Hours

Equipment -- Location 17 Hays

Recorded By C. Desaire

Witnessed By Tom Denning

Run No. Bit From To Size Wgt. From To

1 12.25 00 200 8.625 24# 00 200

2 7.875 200 3925

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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.

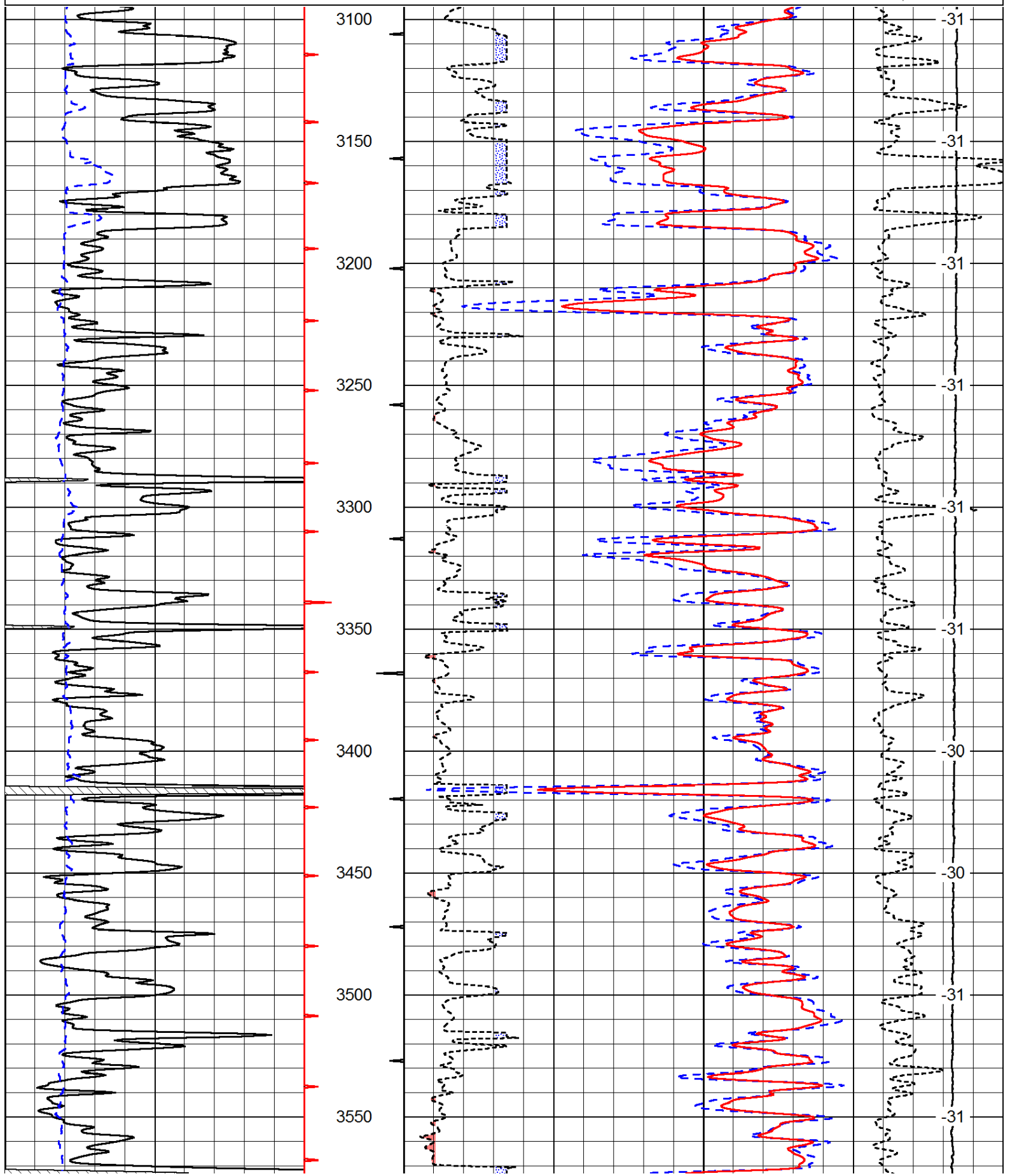
Comments

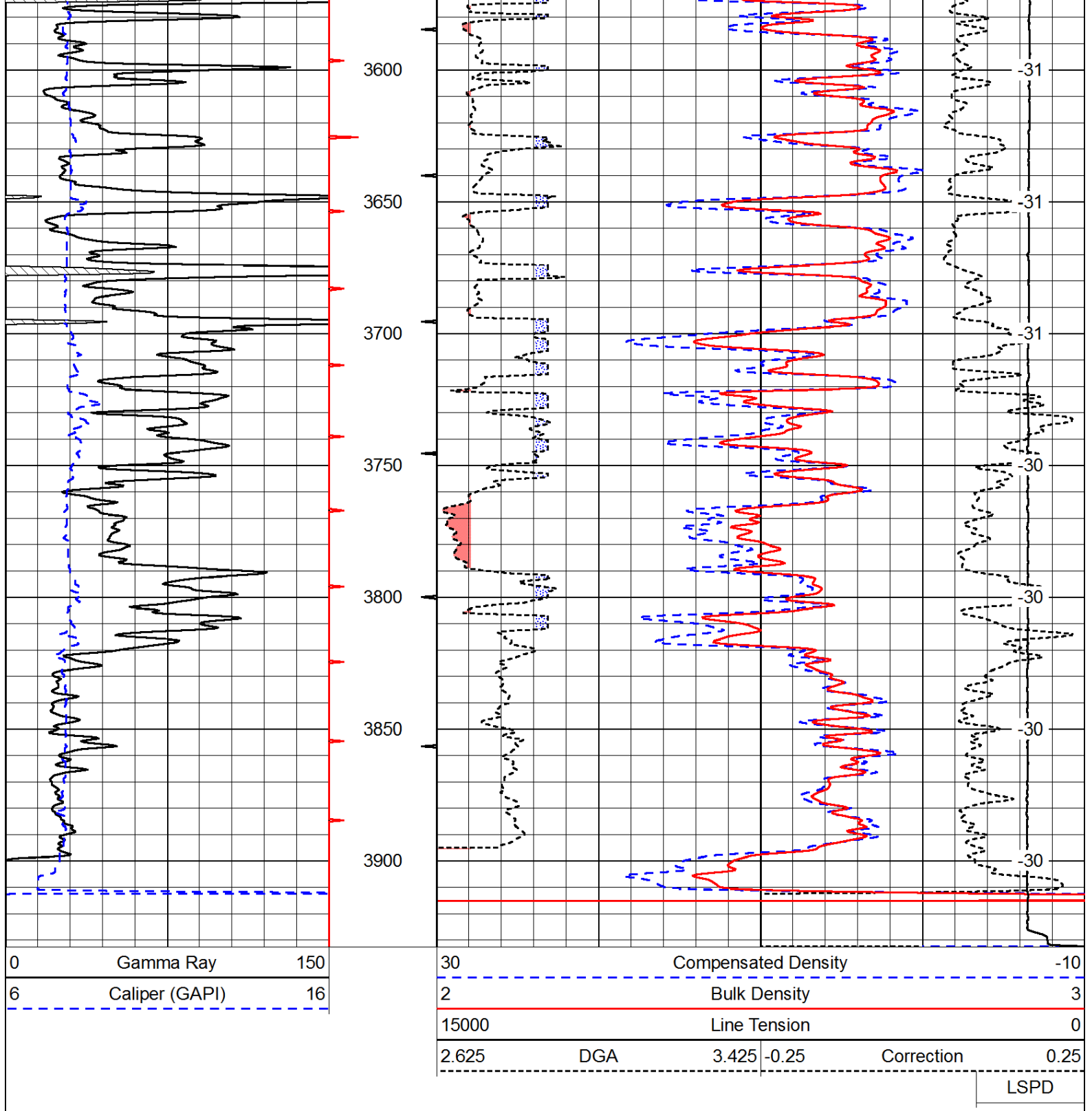
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

Ellis KS, 1 1/8 W on 6th St,
S Into

Database File: c:\warrior\data\tdi_nicholson unit #1\tdihd.db
Dataset Pathname: dil/tdistk
Presentation Format: cdl
Dataset Creation: Wed Oct 16 15:12:09 2013
Charted by: Depth in Feet scaled 1:600

Charted by:		Depth in Feet scaled 1:600						
0	Gamma Ray	150	30	Compensated Density		-10		
6	Caliper (GAPI)	16	2	Bulk Density		3		
			15000	Line Tension		0		
			2.625	DGA	3.425	-0.25	Correction	0.25
								LSPD





Database File: c:\warrior\data\tdi_nicholson unit #1\tdihd.db
Dataset Pathname: dii/tdistk
Presentation Format: cndlspec
Dataset Creation: Wed Oct 16 15:12:09 2013
Charted by: Depth in Feet scaled 1:240

