



Pioneer Energy Services

Dual Compensated Porosity Log

15-051-26,347-00-00

Company **TDI, Inc**
Well **Rosemary No. 1**
Field **Virginia**
County **Ellis** State **Kansas**

Location **330' FSL & 990' FWL**

Other Services
DIL

Sec: 9 Twp: 15 S Rge: 19 W

Permanent Datum Ground Level Elevation 2019
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 2029
D.F.
G.L. 2019

Date 8/22/2012

Run Number One

Type Log CNL / CDL

Depth Driller 3725

Depth Logger 3728

Bottom Logged Interval 3707

Top Logged Interval 2900

Type Fluid In Hole Chemical

Salinity, PPM CL 4200

Density 9.0

Level Full

Max. Rec. Temp. F 113

Operating Rig Time 3 1/2 Hours

Equipment -- Location 17 Days

Recorded By D. Martin

Witnessed By Tom Denning

Borehole Record Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	1261	8.625	24#	00	1261
2	7.875	1261	3725				

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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

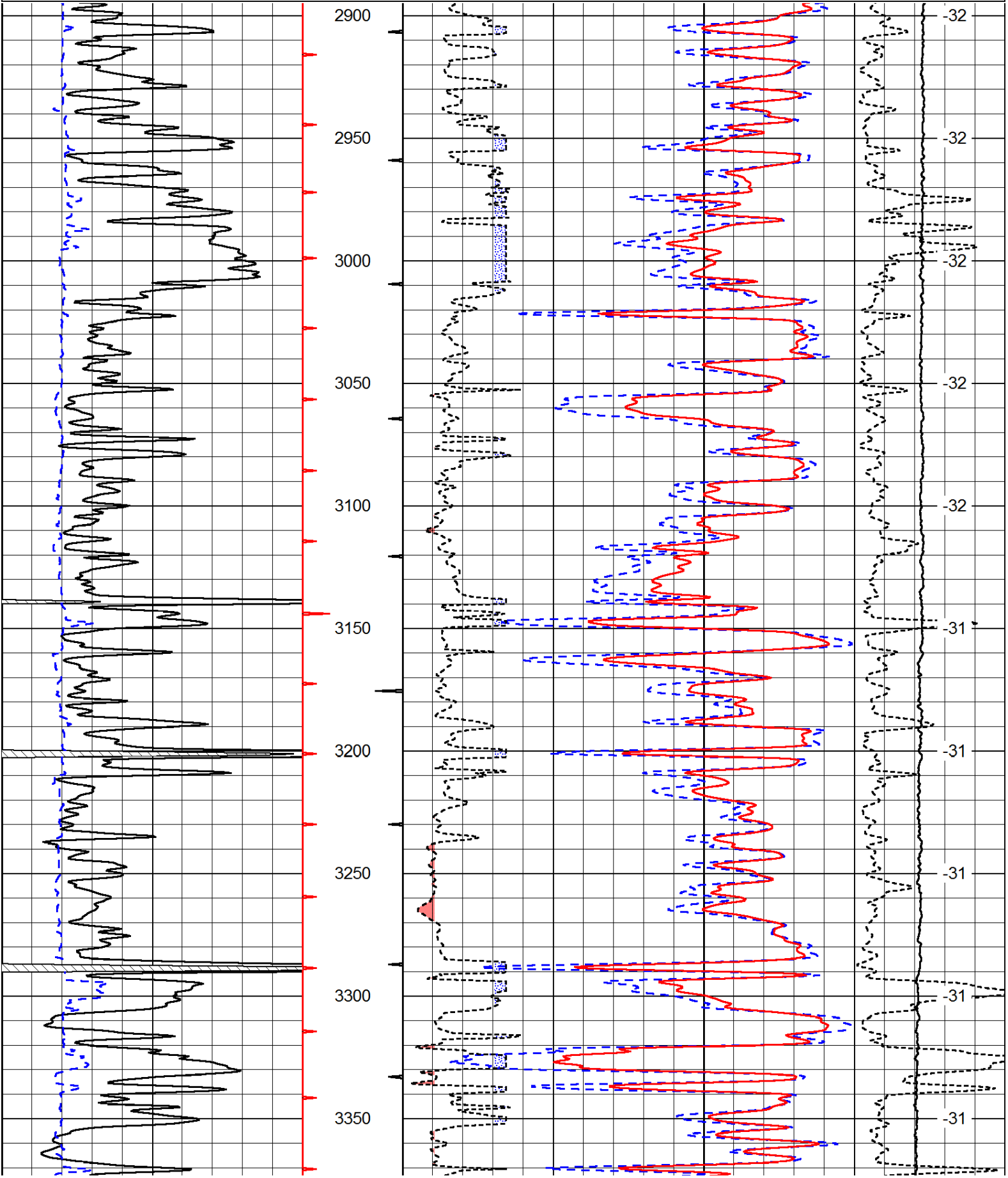
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

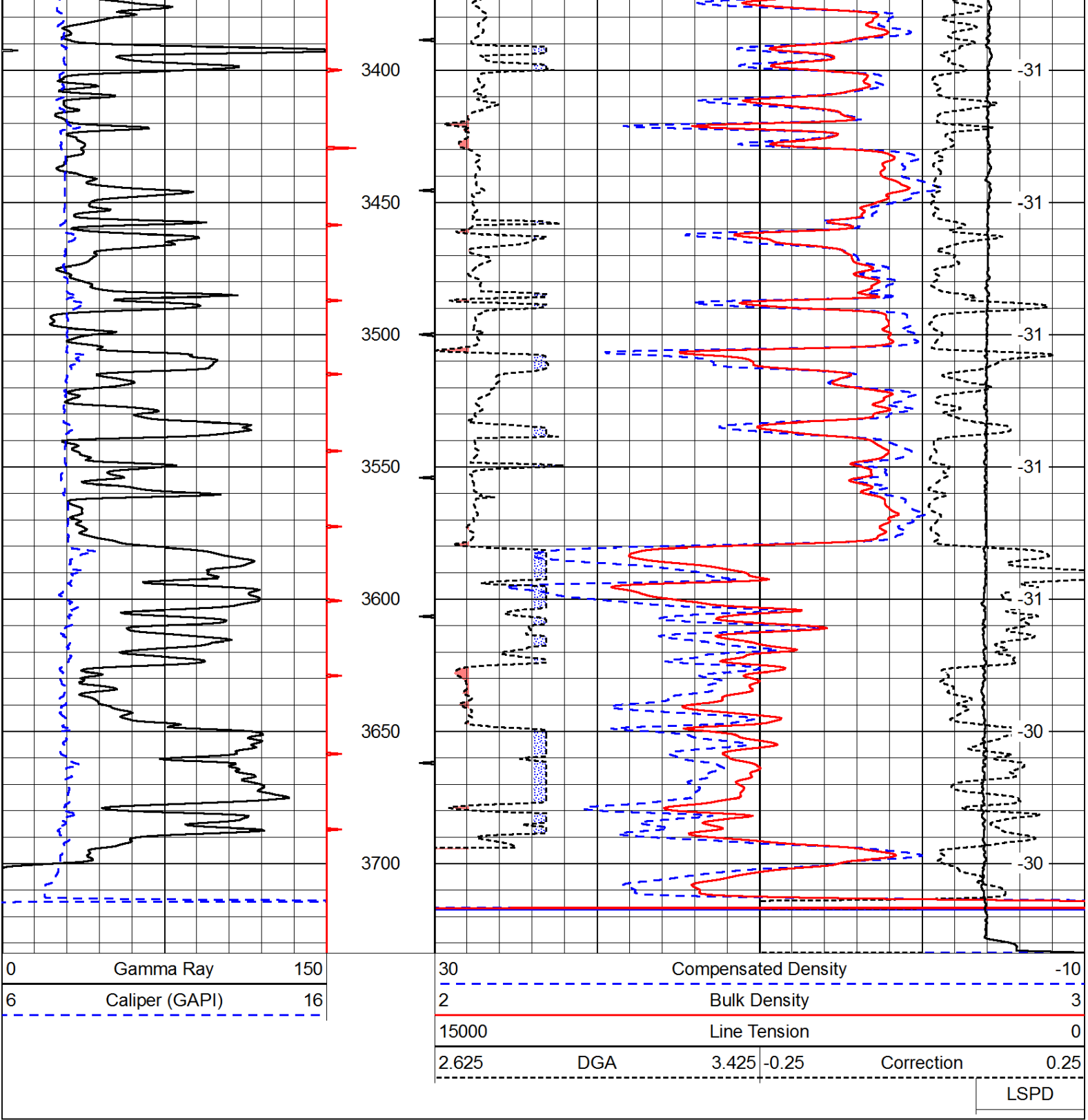
Antonino, KS
3 W, 2 S, 1/8 E, N Into

Database File: c:\warrior\data\tdi_rosemary no. 1\tdihd.db
Dataset Pathname: DIL\tdistk
Presentation Format: cdl
Dataset Creation: Wed Aug 22 20:47:43 2012
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\tdi_rosemary no. 1\tdihd.db	
Dataset Pathname: DIL/tdistk	
Presentation Format: cndlspec	
Dataset Creation: Wed Aug 22 20:47:43 2012	
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
	15000 Line Tension 0
	LSPD

