



PIONEER

Pioneer Energy Services

Dual Compensated Porosity Log

API No.

15-051-26,752-00-00

Company **TDI**

Well **Munjor East No. 1**

Field **Unnamed**

County **Ellis**

State **Kansas**

Location

2310' FNL & 2300' FWL

Other Services
DIL

Sec: 30

Twp: 14s

Rge: 17w

Elevation

Permanent Datum Ground Level Elevation 1937
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 1947
D.F. 1937
G.L. 1937

Date 11/7/2014

Run Number One

Type Log CNL / CDL

Depth Driller 3625

Depth Logger 3625

Bottom Logged Interval 3604

Top Logged Interval 2800

Type Fluid In Hole Chemical

Salinity, PPM CL 2500

Density 9.1

Level Full

Max. Rec. Temp. F 112

Operating Rig Time 3 Hours

Equipment -- Location 108 Hays

Recorded By D. Fischer

Witnessed By J. Long

Tom Denning

Borehole Record

Run No Bit From To Size Wgt. From To

One 12.25 00 1130 8.625 23# 00 1130

Two 7.875 1130 TD

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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.
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Munjor Ks., 1/2 East, South Into.

Database File: tdi_munjor_east_1hd.db

Dataset Pathname: DIL/tdistck

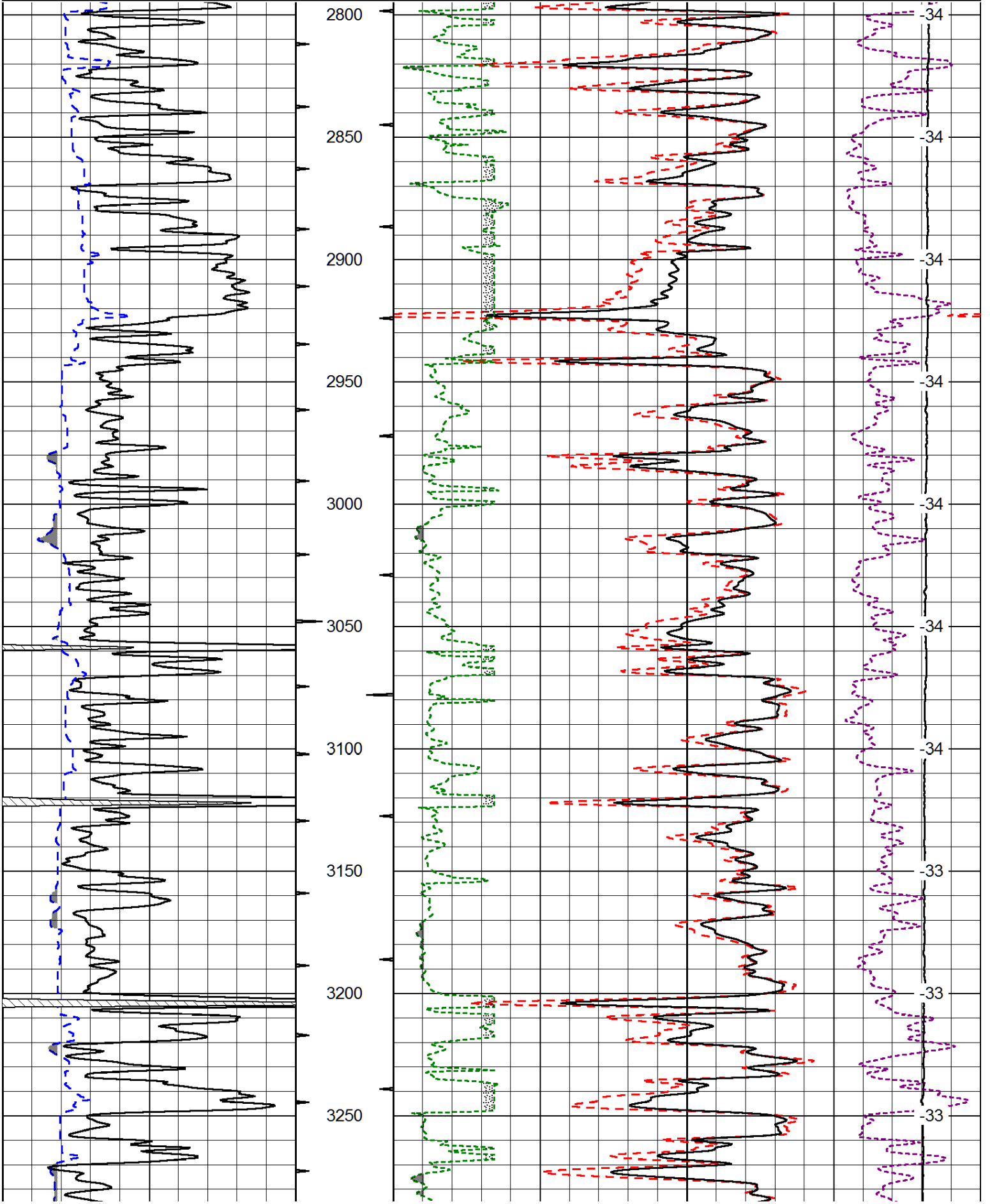
Presentation Format: cdl

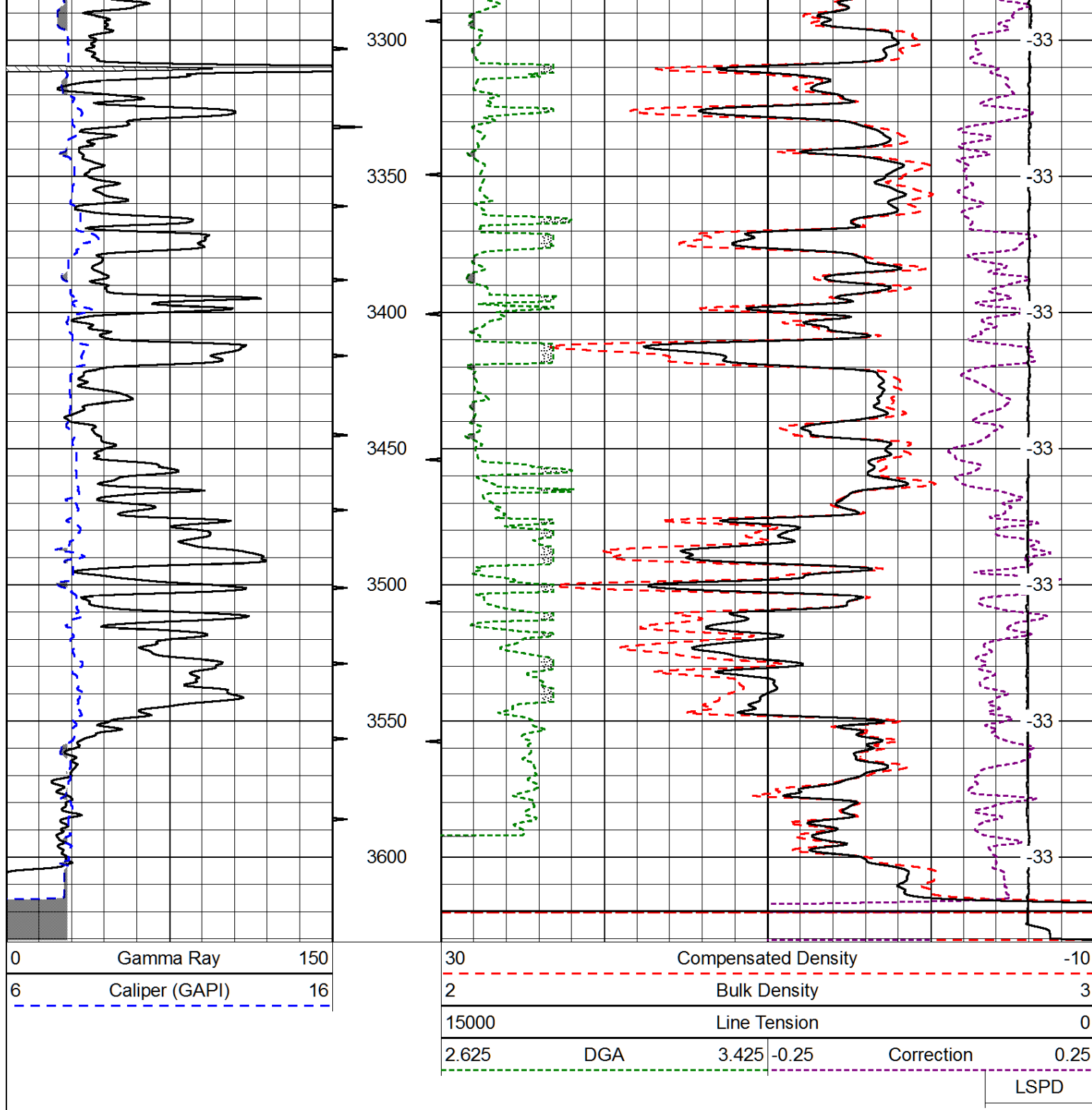
Dataset Creation: Fri Nov 07 04:02:31 2014

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
LSPD			





Database File: tdi_munjor_east_1hd.db
 Dataset Pathname: DIL/tdistck
 Presentation Format: cndlspec
 Dataset Creation: Fri Nov 07 04:02:31 2014
 Charted by: Depth in Feet scaled 1:240

