



Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No.

15-051-26,170-00-00

Company TDI, Inc.

Well Crathorne No.1

Field Hyacinth

County Ellis

State Kansas

Location

2035' FSL & 1225' FEL

Other Services
DIL/MEL

Sec: 19 Twp: 12 S Rge: 18 W

Permanent Datum Ground Level Elevation 2188

Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum

K.B. 2198
D.F. G.L. 2188

Date 8/20/2011

Run Number One

Type Log CNL / CDL

Depth Driller 3878

Depth Logger 3871

Bottom Logged Interval 3850

Top Logged Interval 2800

Type Fluid In Hole Chemical

Salinity, PPM CL 4500

Density 9.1

Level Full

Max. Rec. Temp. F 115

Operating Rig Time 4 Hours

Equipment -- Location 10 Hays

Recorded By D.Kerr

Witnessed By Tom Denning

Herb Deines

Borehole Record

Casing Record

Run No

Bit

From

To

Size

Wgt.

From

To

One 12.25

00

225

8.625

23#

00

225

Two 7.875

225

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

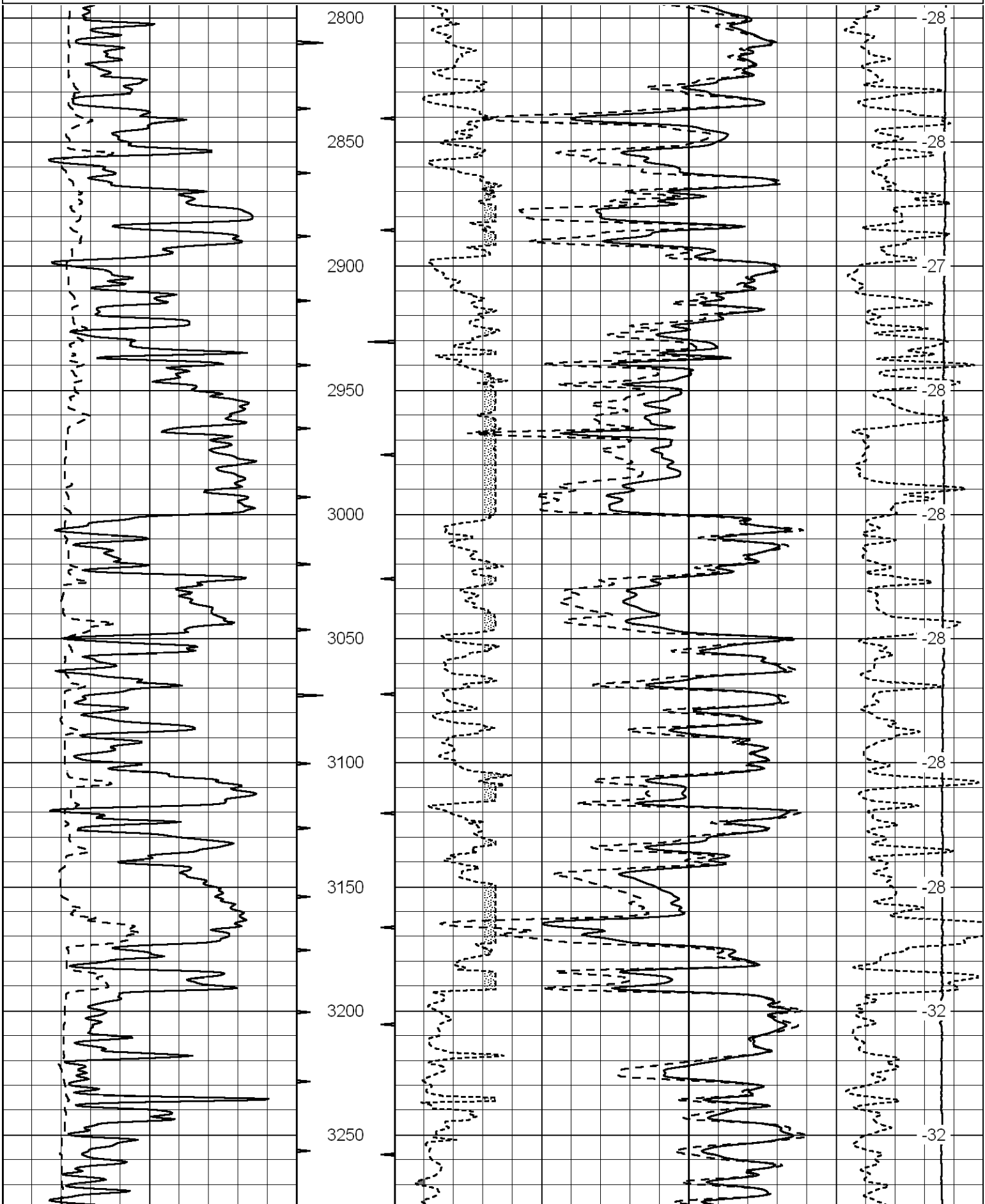
Thank you for using Log-Tech, Inc.
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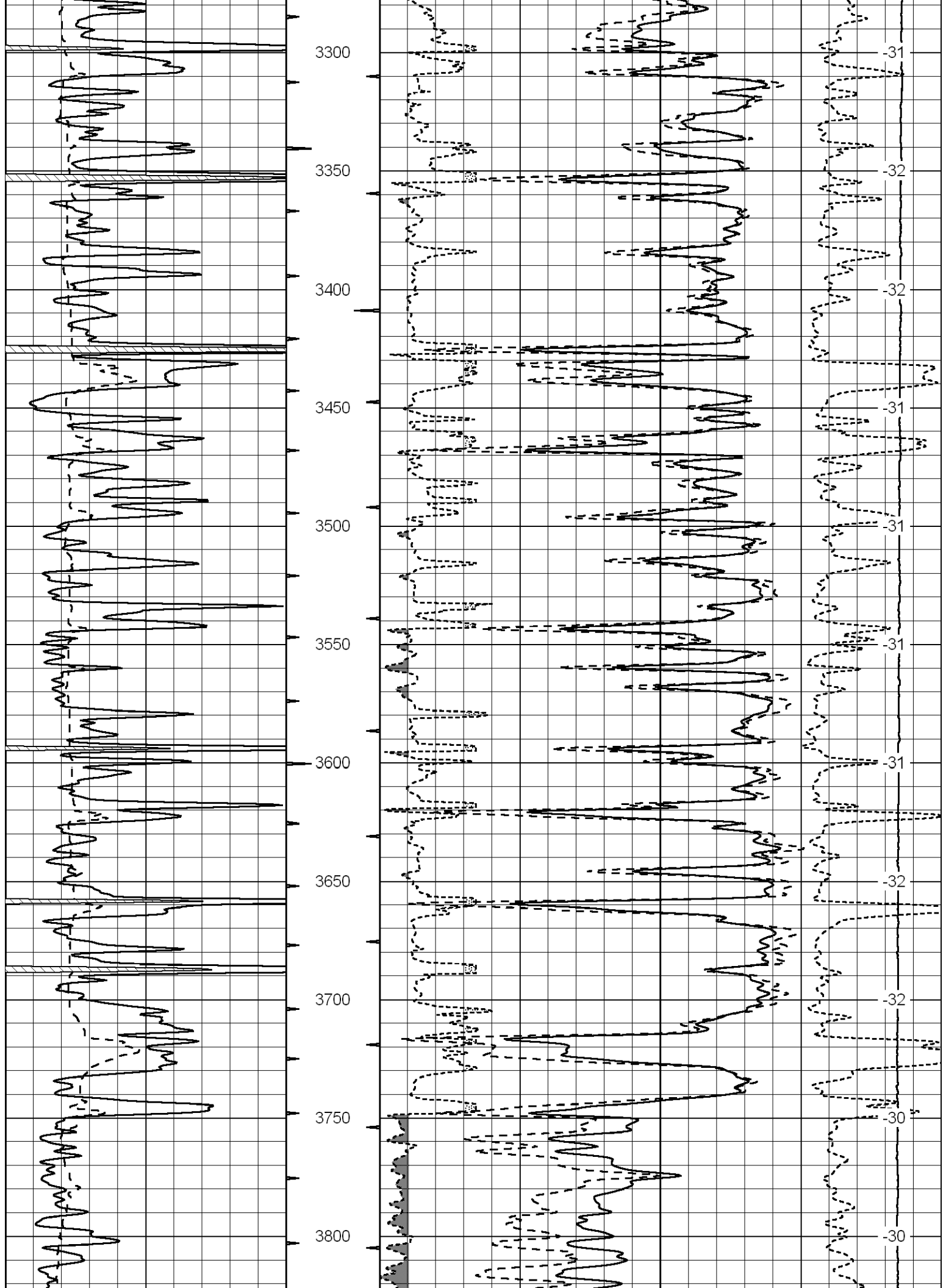
Hays KS, I-70 (Exit 157) and Bypass 183,
4 North, West Into

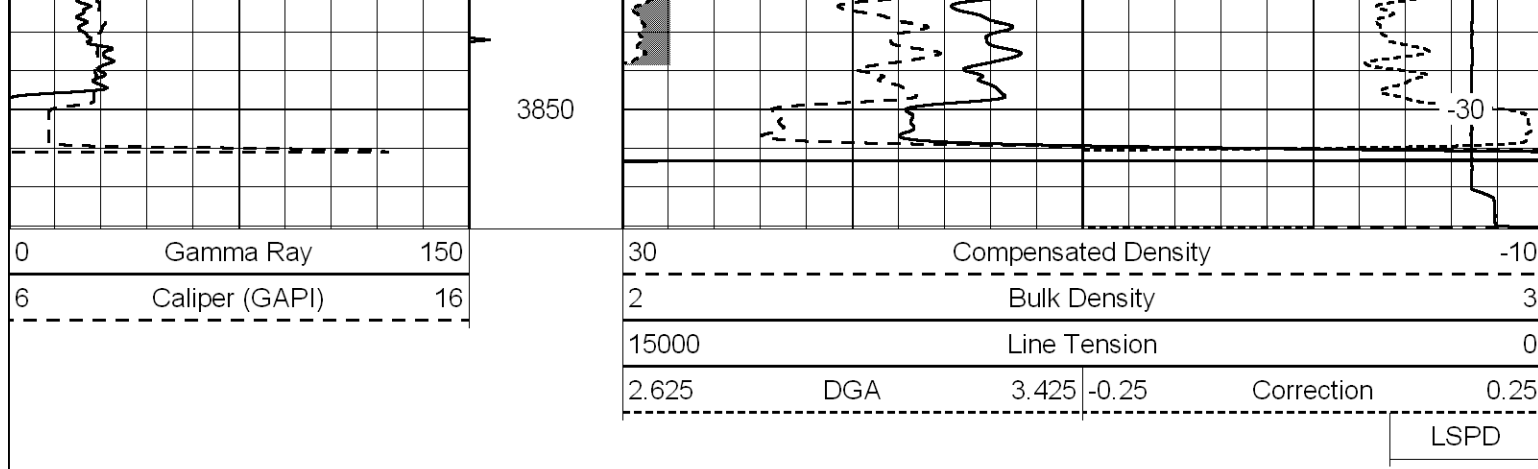
Database File: c:\warrior\data\tdi_crathorne_#1\tdi_crathorne_1hd.db
Dataset Pathname: dil\tdistk
Presentation Format: cdl
Dataset Creation: Sat Aug 20 11:46:08 2011
Charted by: Depth in Feet scaled 1:600

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_crathorne_#1\tdi_crathorne_1hd.db
 Dataset Pathname: dil/tdistk
 Presentation Format: cndlspec
 Dataset Creation: Sat Aug 20 11:46:08 2011
 Charted by: Depth in Feet scaled 1:240

