



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-009-26057-00-00

Company Tomlinson Operating, LLC
Well Hoffman Trust #1
Field Kraft-Prusa
County Barton State Kansas

Location SE SE SE
330' FSL / 330' FEL
Sec: 13 Twp: 16S Rge: 12W

Other Services
DIL
MEL/BHCS

Permanent Datum Ground Level Elevation 1880
Log Measured From Kelly Bushing 9 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 1889
D.F.
G.L. 1880

Date 12/19/2014

Run Number One

Type Log CNL / CDL

Depth Driller 3413

Depth Logger 3412

Bottom Logged Interval 3391

Top Logged Interval 2600

Type Fluid In Hole Chemical

Salinity, PPM CL 7300

Density 9.3

Level Full

Max. Rec. Temp. F 110

Operating Rig Time 4 Hours

Equipment -- Location 15 Hays

Recorded By R. Barnhart

Witnessed By Bob O'Dell

Borehole Record

Casing Record

Run No	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	413	8.625	23#	00	413
Two	7.875	413	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

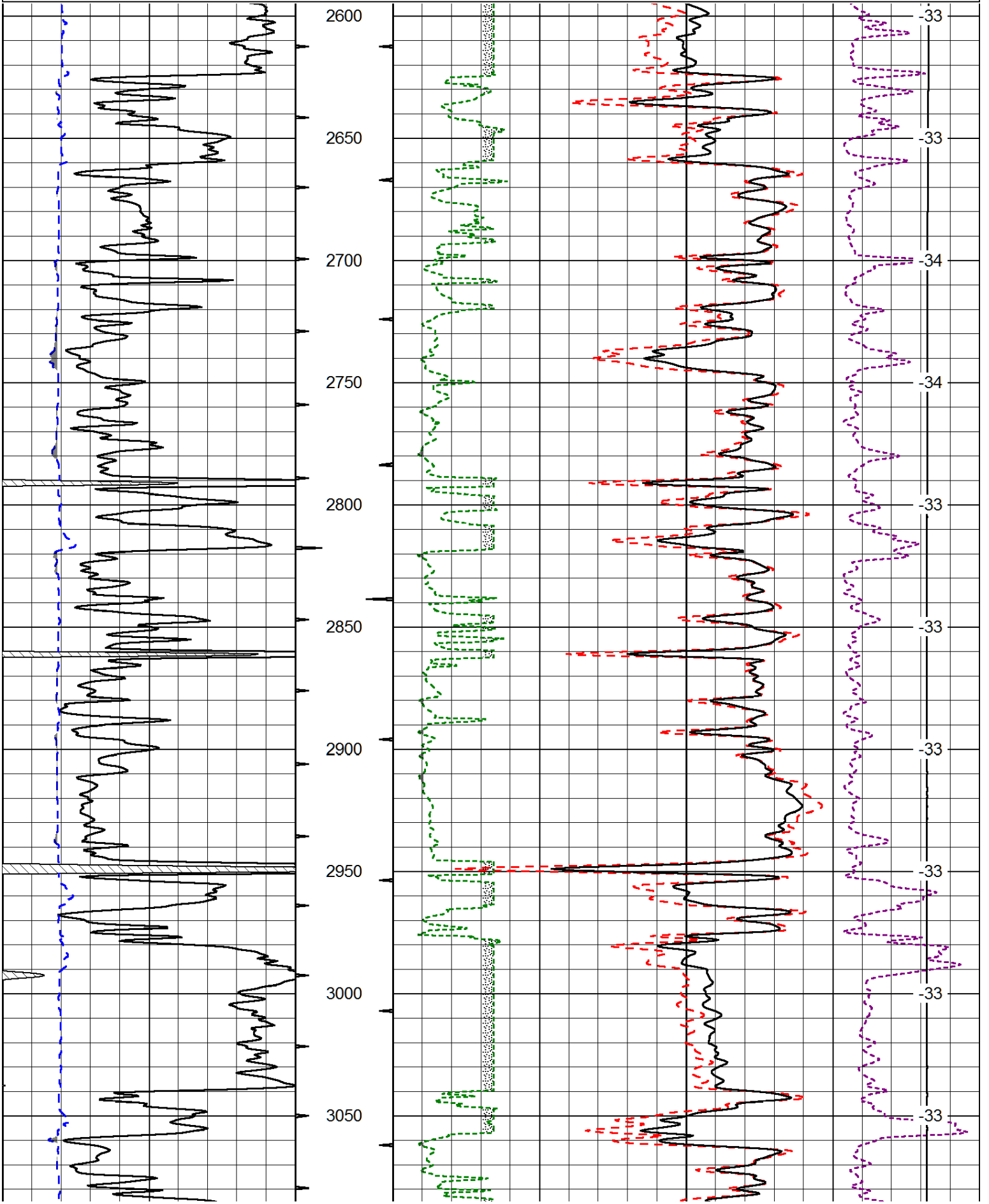
Thank you for using Log-Tech, Inc.
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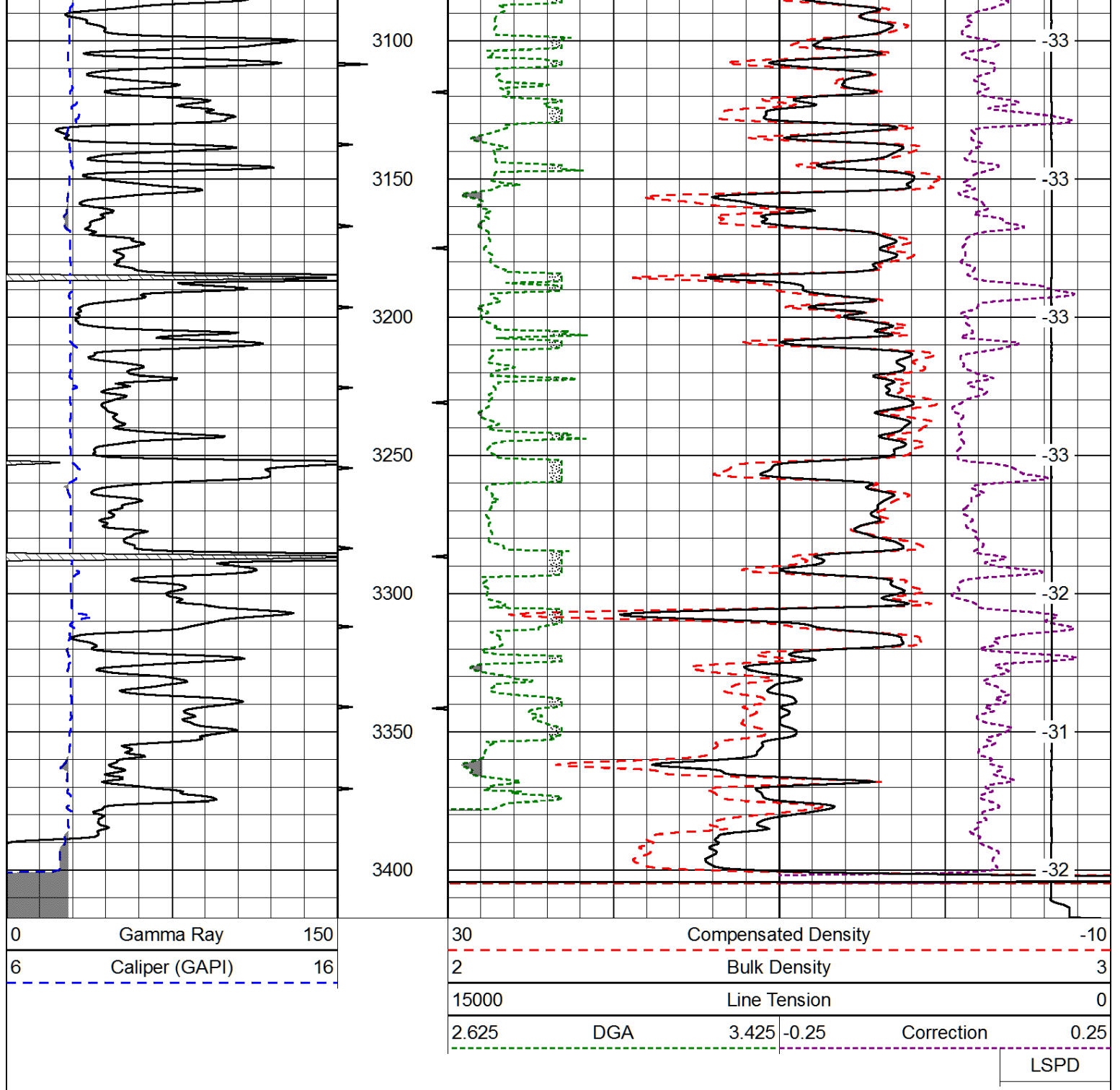
Beaver, KS:
3E, 1N, .9E, N into

Database File: tomlinson_hhd.db
Dataset Pathname: dil/tommain
Presentation Format: cdl
Dataset Creation: Thu Dec 18 23:55:13 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: tomlinson_hhd.db
 Dataset Pathname: dil/tommain
 Presentation Format: cndlspec
 Dataset Creation: Thu Dec 18 23:55:13 2014
 Charted by: Depth in Feet scaled 1:240

