



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-109-21,383-00-00

Company Palomino Petroleum, Inc.

Well Harold Michaelis Family Trust No. 1

Field Wildcat

County Logan State Kansas

Location

SE-NW-NE-NW
605' FNL & 1710' FWL

Other Services
DIL/MEL

Sec: 30

Twp: 15S

Rge: 35W

Permanent Datum Ground Level Elevation 3233

Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum

K.B. 3238
D.F.
G.L. 3233

Drilling Measured From Kelly Bushing

Elevation

Date 1/27/15

Run Number One

Type Log CNL / CDL

Depth Driller 4925

Depth Logger 4923

Bottom Logged Interval 4894

Top Logged Interval 3500

Type Fluid In Hole Chemical

Salinity, PPM CL 8,100

Density 9.1

Level Full

Max. Rec. Temp. F 125

Operating Rig Time 3 Hours

Equipment -- Location 15 Hays

Recorded By J. Henrickson

Witnessed By Andrew Stenzel

Borehole Record

Casing Record

Run No

Bit

From

To

Size

Wgt.

From

To

One 12.25

00

218

8.625

23#

00

218

TD

<<< Fold Here >>>

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

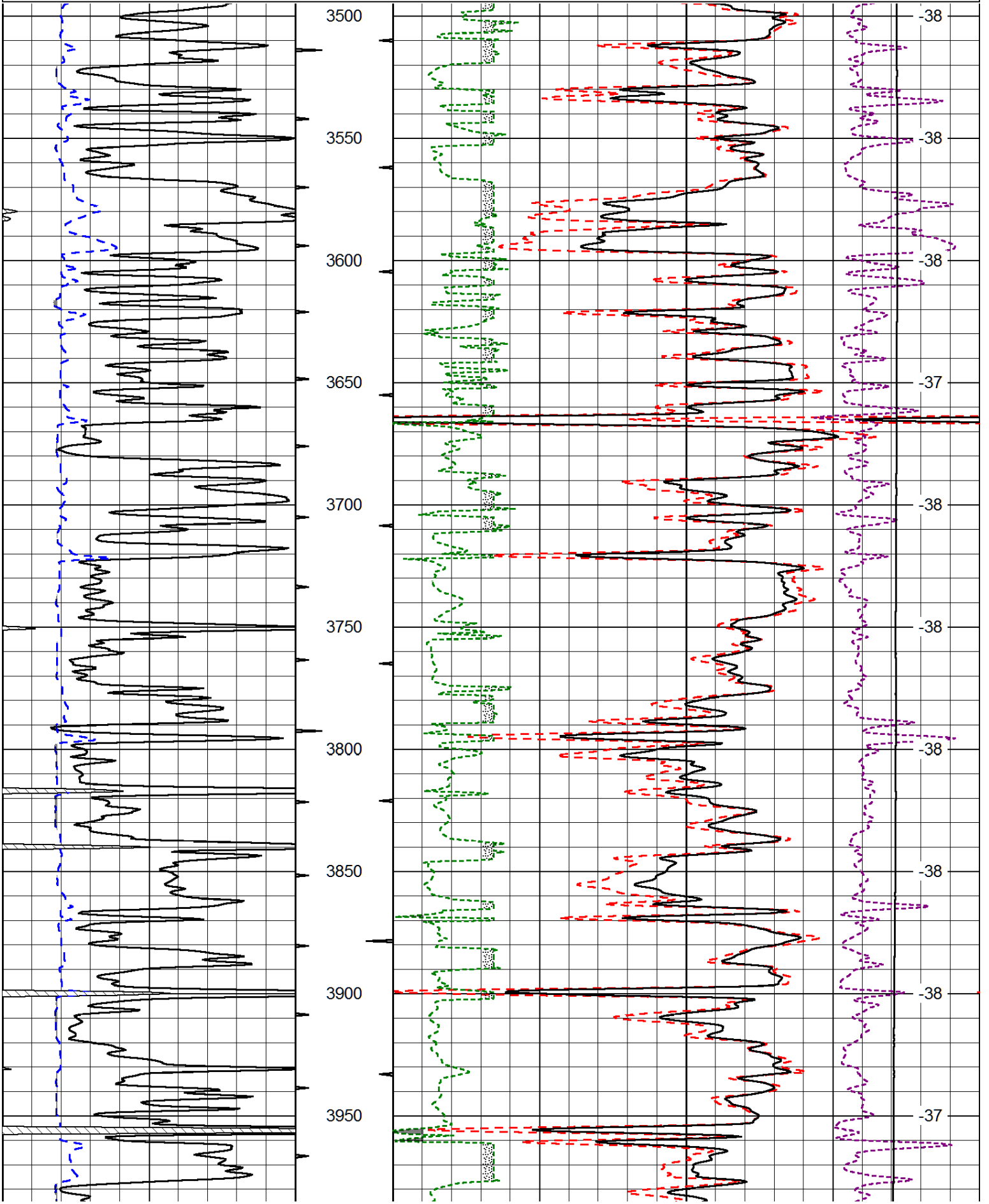
Thank you for using Log-Tech, Inc.
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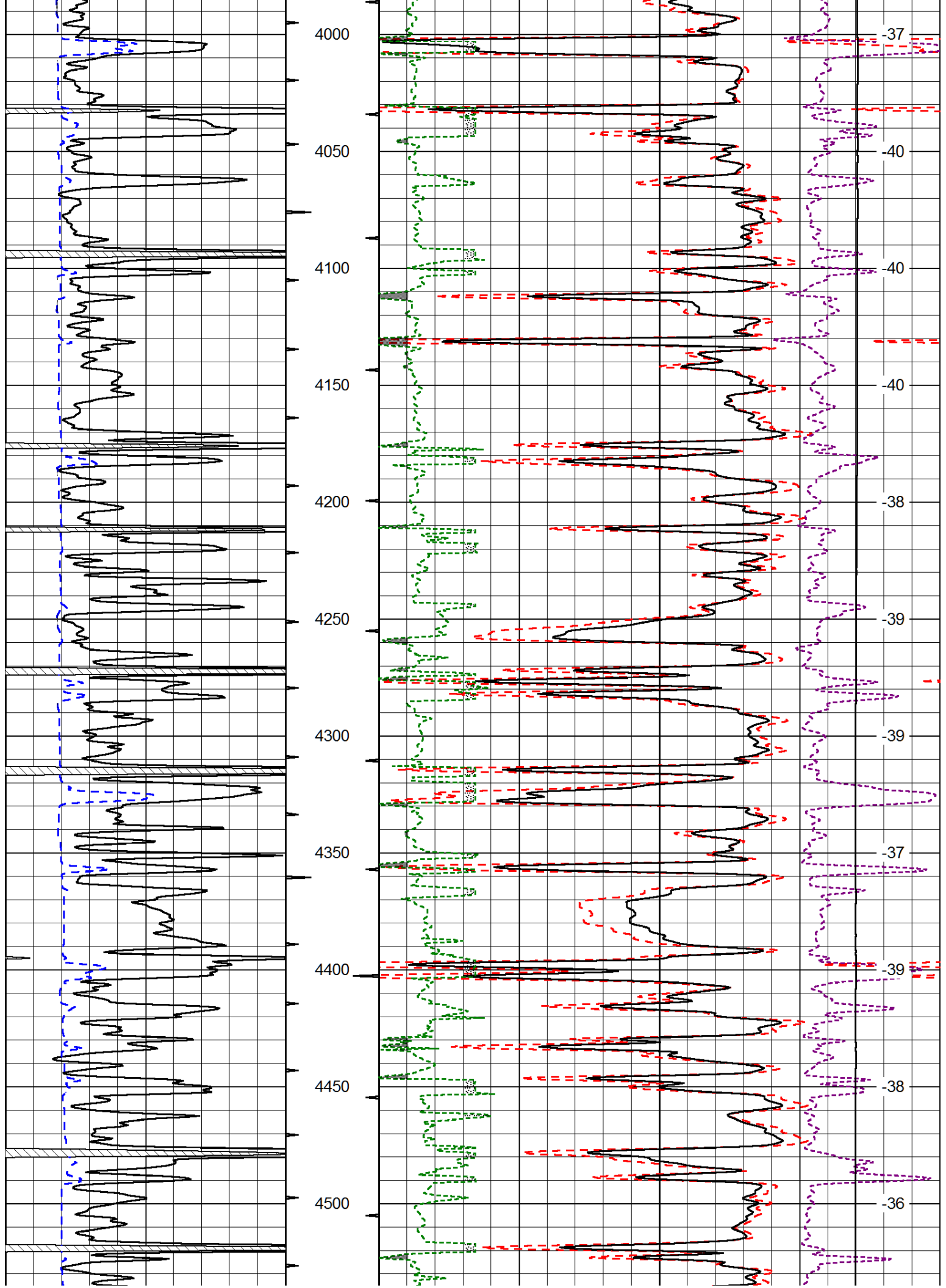
Leoti Kansas
North to Dakota Rd, 4 East, 1/2 South, East Into

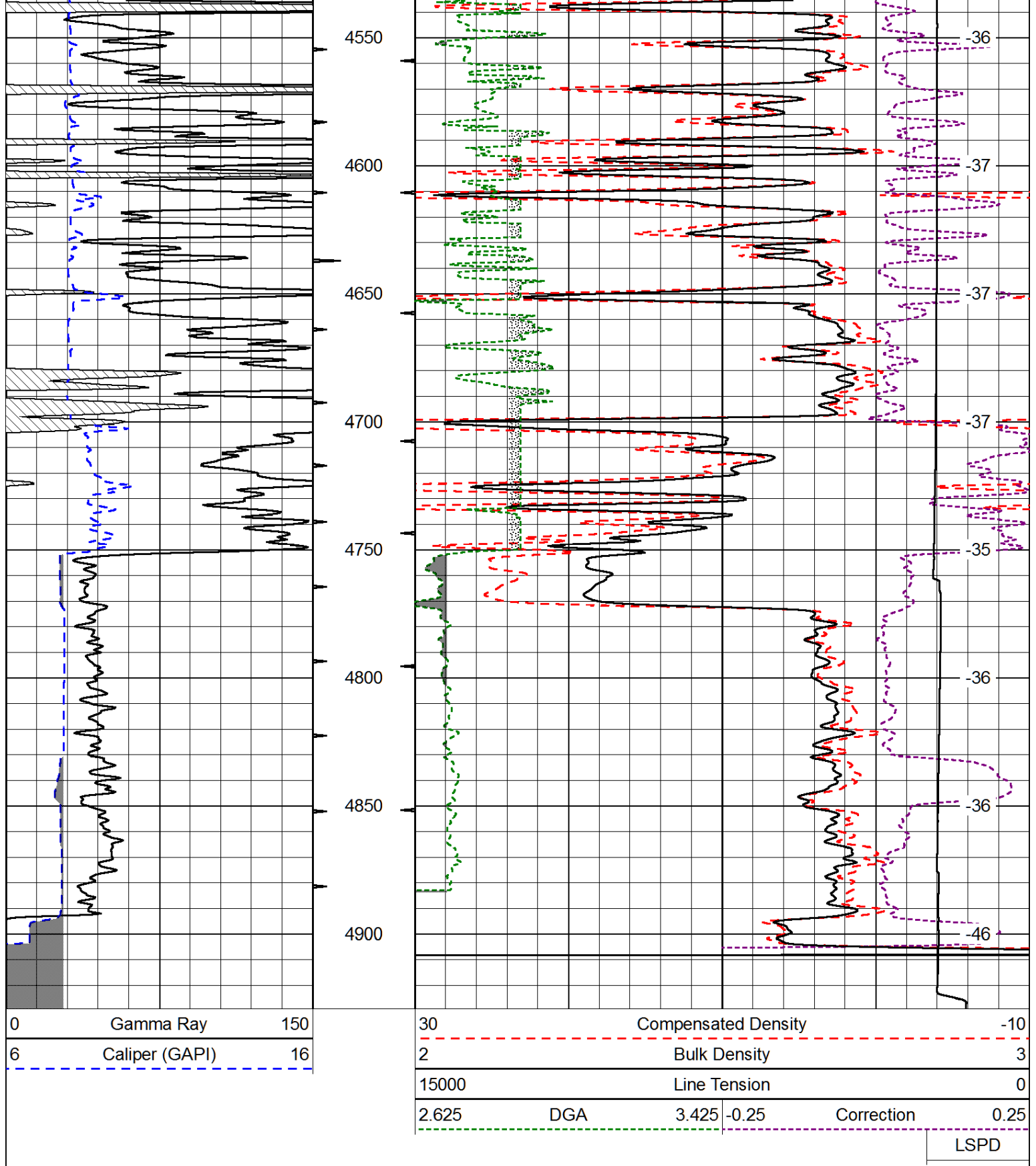
Database File: palomino_haroldmichaelisfamilytrust_1hd.db
Dataset Pathname: DIL/palall
Presentation Format: cdl
Dataset Creation: Tue Jan 27 20:43:37 2015
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
6	Caliper (GAPI)	16

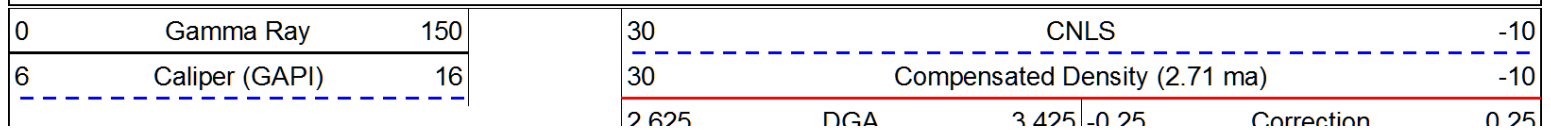
30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
Correction			0.25
LSPD			







Database File: palomino_haroldmichaelisfamilytrust_1hd.db
 Dataset Pathname: DIL/palall
 Presentation Format: cndlspec
 Dataset Creation: Tue Jan 27 20:43:37 2015
 Charted by: Depth in Feet scaled 1:240



10000	0.120	0.120	0.120	0.120
	Line Tension			
				LSPD

