



PIONEER

Pioneer Energy Services

Dual Compensated Porosity Log

API No.

15-009-26092-00-00

Company LB Exploration, Inc.

Well Otte #1

Field Wildcat

County Barton

State Kansas

Location

SE NW NE NE
630' FNL & 690' FEL

Sec: 15

Twp: 19S

Rge: 14W

Other Services
DIL
MEL/BHCS

Permanent Datum Ground Level Elevation 1876

Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum

K.B. 1889
D.F.
G.L. 1876

Date 3/24/2015

Run Number One

Type Log CNL / CDL

Depth Driller 3625

Depth Logger 3620

Bottom Logged Interval 3599

Top Logged Interval 1700

Type Fluid In Hole Chemical

Salinity, PPM CL 7000

Density 9.2

Level Full

Max. Rec. Temp. F 112

Operating Rig Time 5 Hours

Equipment -- Location 15 Days

Recorded By D.Kerr

Witnessed By Steve Petermann

Borehole Record

Run No Bit From To Size Wgt. From To

One 12.25 00 866 8.625 23# 00 866

Two 7.875 866 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

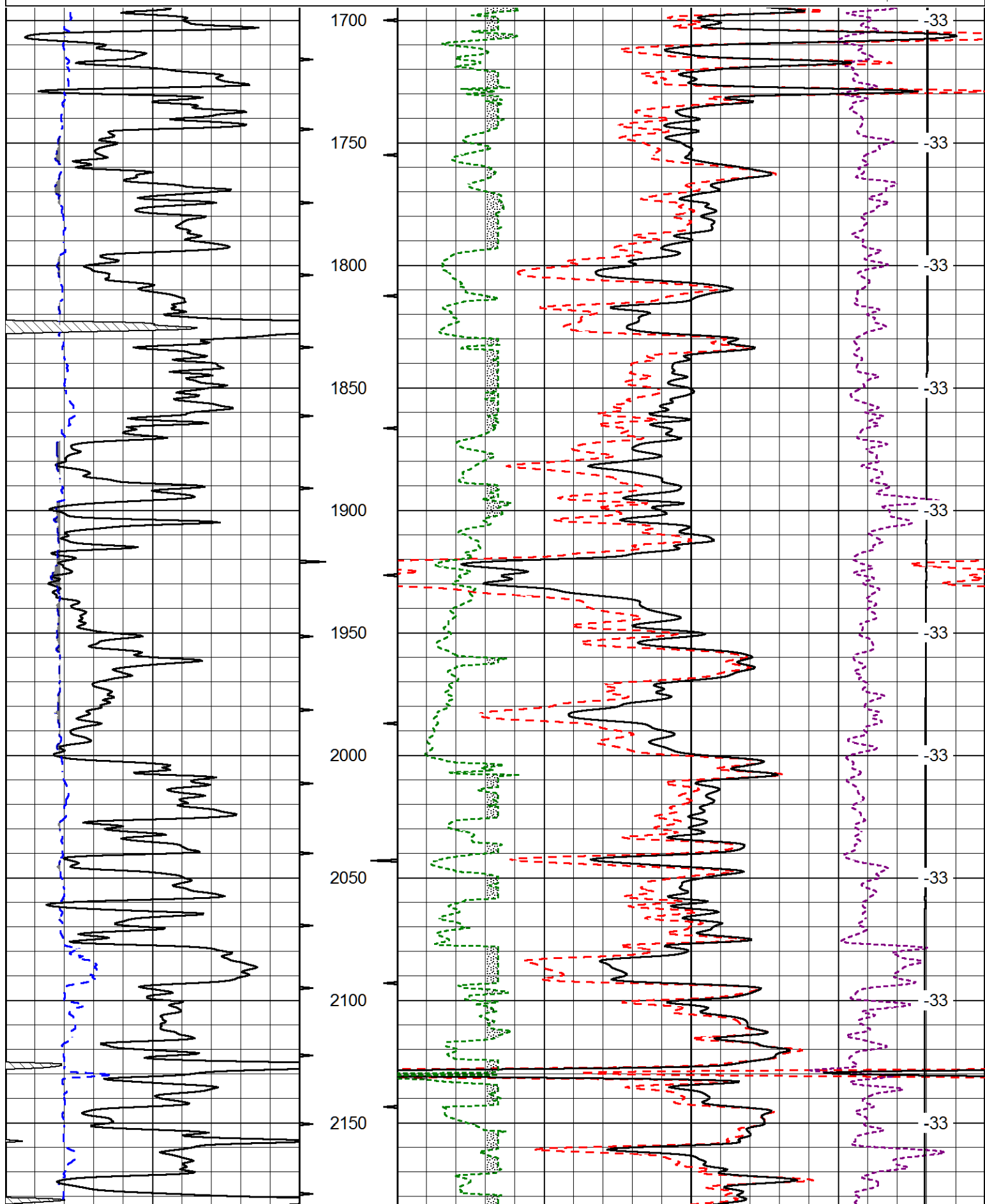
Thank you for using Pioneer Energy Services
785.625.3858

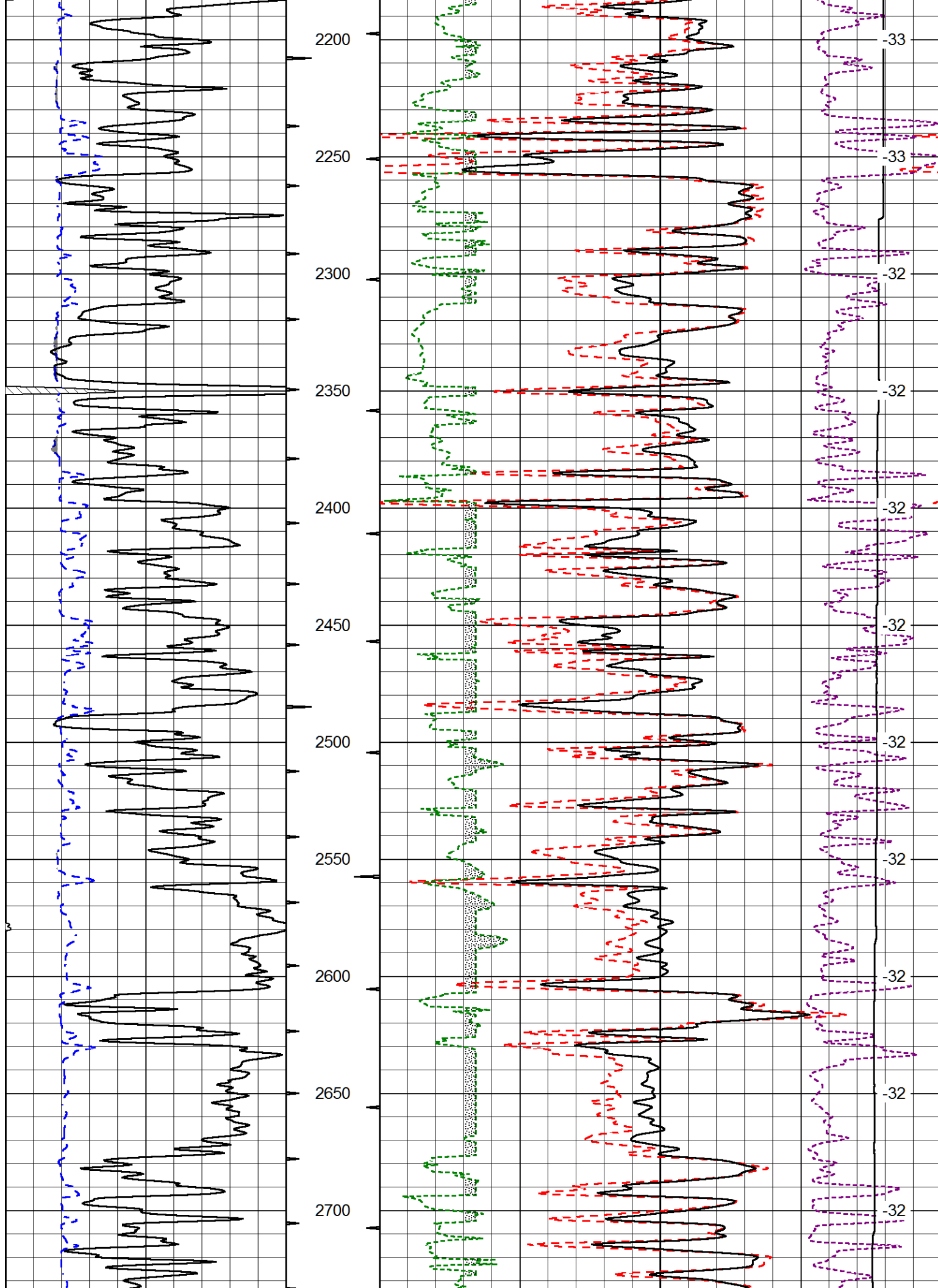
Great Bend KS, West to NW 40th Ave,
1/2 North, West Into

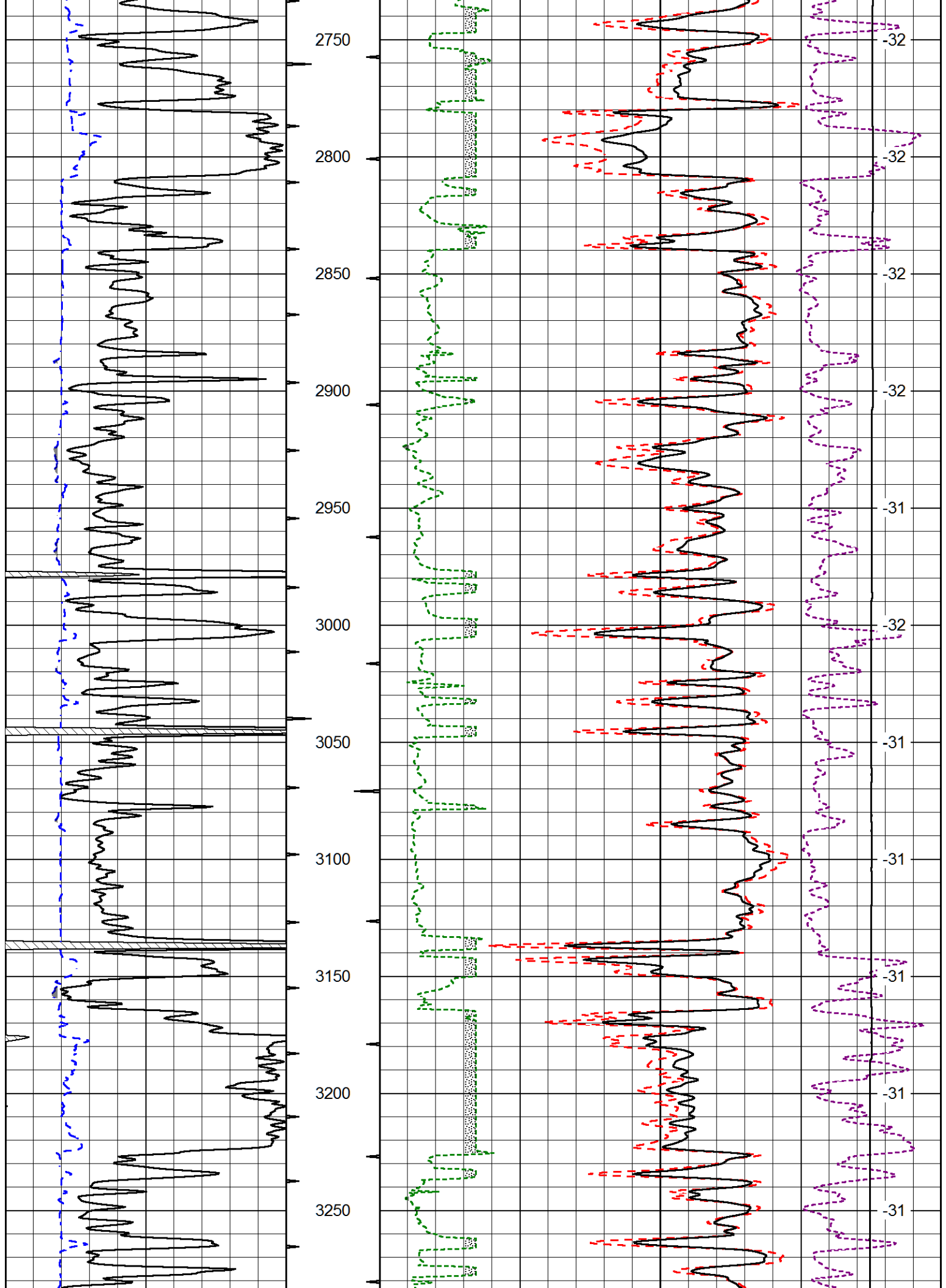
Database File lbexp_otte_1hd.db
Dataset Pathname DIL/lbstk
Presentation Format cdl
Dataset Creation Tue Mar 24 07:55:12 2015
Charted by Depth in Feet scaled 1:600

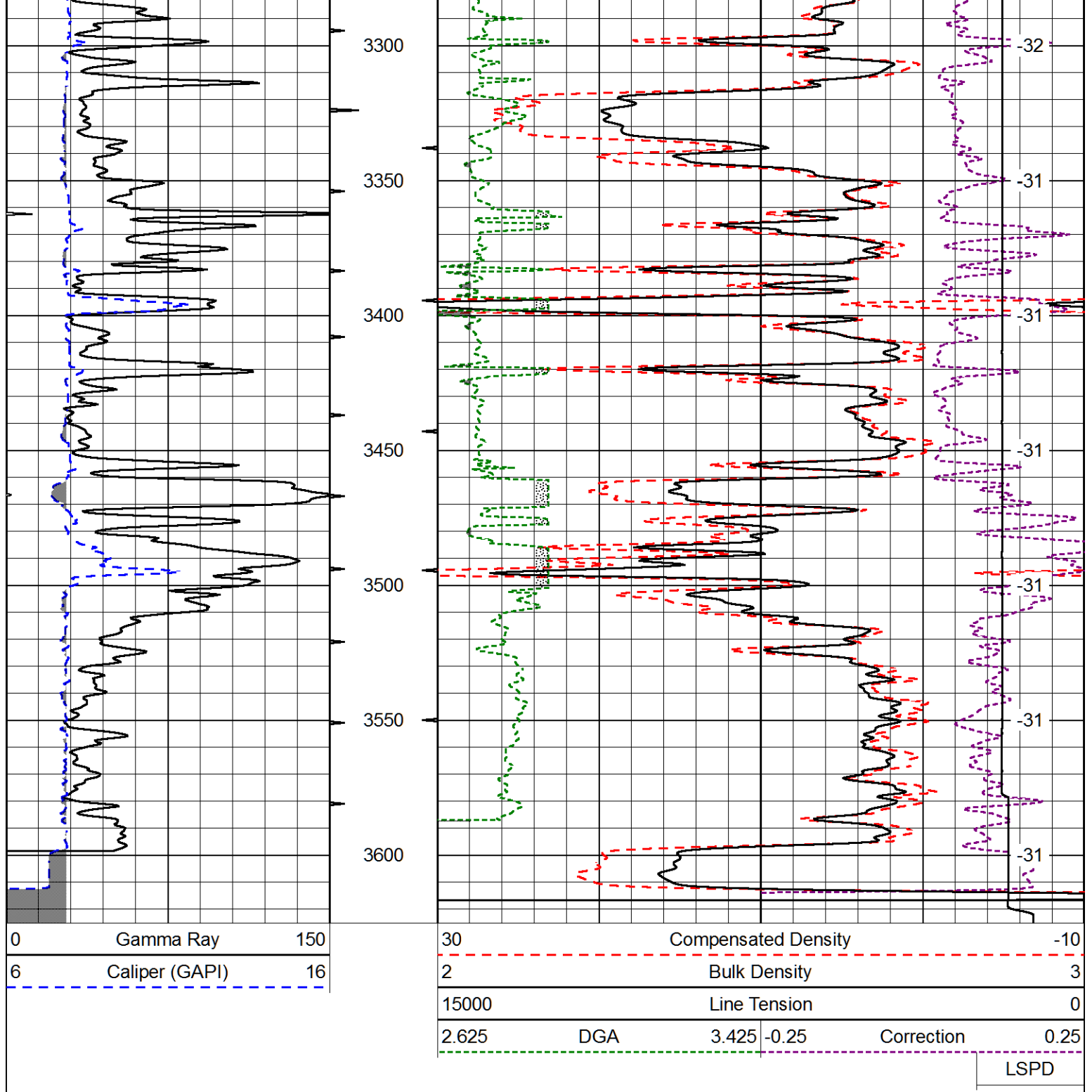
0	Gamma Ray	150
6	Caliper (GAPI)	16

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	lbexp_otte_1hd.db
Dataset Pathname	DIL/lbstk
Presentation Format	cnlspec
Dataset Creation	Tue Mar 24 07:55:12 2015
Charted by	Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Caliper (GAPI)	16

30	CNLS	-10
30	Compensated Density (2.71 ma)	-10
10000	Line Tension	0
2.625	DGA	3.425
-0.25	Correction	0.25
LSPD		

