



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-171-20,954-00-00

Company Landmark Resources, Inc.

Well Decker #1-8

Field Wildcat

County

Scott

State Kansas

Location 1732' FSL & 1709' FEL

Sec: 8

Twp: 17S

Rge: 34W

Other Services
DIL
MEI/BHCS

Permanent Datum Ground Level Elevation 3145
Log Measured From Kelly Bushing 11 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 3156
D.F. 3145
G.L. 3145

Date 6/26/2013

Run Number One

Type Log CNL / CDL

Depth Driller 4940

Depth Logger 4943

Bottom Logged Interval 4922

Top Logged Interval 3500

Type Fluid In Hole Chemical

Salinity, PPM CL 6.100

Density 9.4

Level Full

Max. Rec. Temp. F 125

Operating Rig Time 5 Hours

Equipment -- Location 15 Days

Recorded By J. Henrickson

Witnessed By D. Martin

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	226	8.625	24#	00	226
2	7.875	226	4940				

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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.

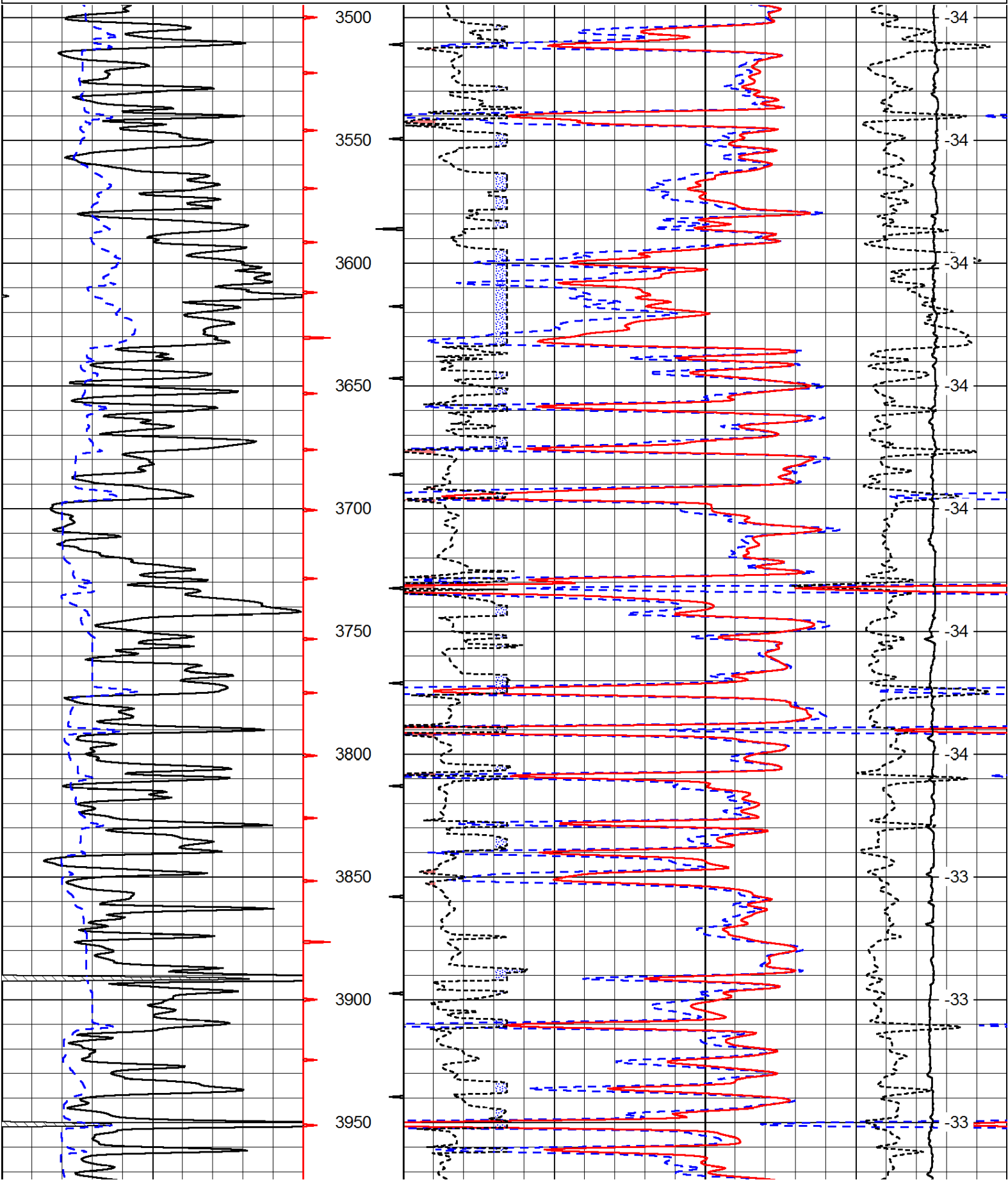
Comments

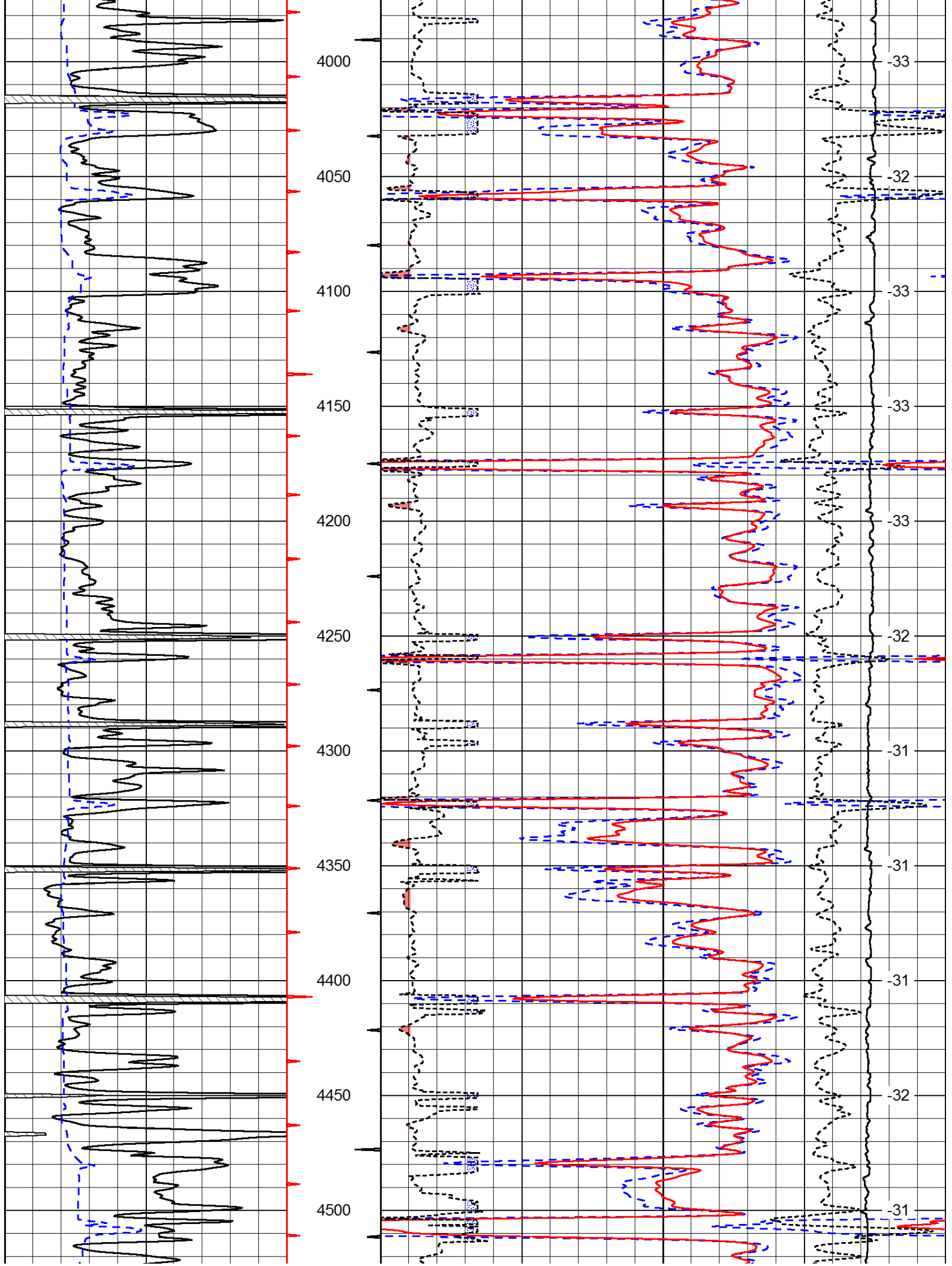
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858
Scott City KS
8 W on HWY 96 to Dakota Rd. 1 N, 1 W
5 1/2 N to 215 Rd. 1 W, 1/2 N, W Into

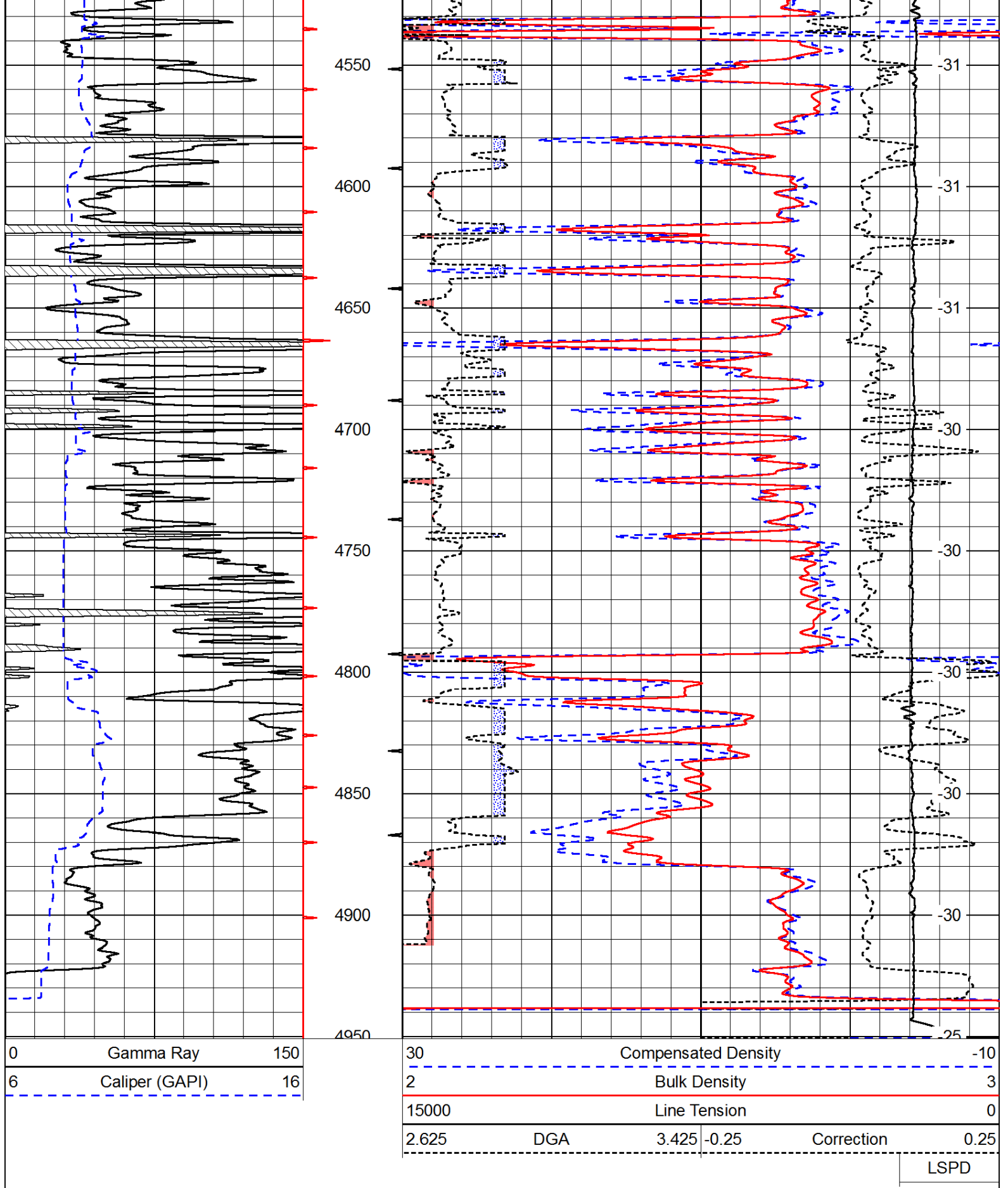
Database File: c:\warrior\data\landmark_decker #1-8\landmark_decker_1_8hd.db
Dataset Pathname: DIL\landstk
Presentation Format: cdl
Dataset Creation: Wed Jun 26 22:00:03 2013
Charted by: Depth in Feet scaled 1:600

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\landmark_decker #1-8\landmark_decker_1_8hd.db
Dataset Pathname: DIL/landstk
Presentation Format: cndlspec
Dataset Creation: Wed Jun 26 22:00:03 2013
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Caliper (GAPI)	16

30	Compensated Neutron (Limestone)				-10
30	Compensated Density (Limestone)				-10
2.625	DGA	3.425	-0.25	Correction	0.25
15000	Line Tension				0
					LSPD

