



Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No.

15-015-23,929-00-00

Company Range Oil Company, Inc.

Well Barkus No. 1

Field Reynolds-Schaffer

County Butler State Kansas

Location 2,190' FNL & 2,310' FEL

Other Services
DIL

Sec: 16 Twp: 27S Rge: 6E

Permanent Datum Ground Level Elevation 1379

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

K.B. 1389
D.F. 1379
G.L. 1379

Date 12/7/2011

Run Number One

Type Log CNL / CDL

Depth Driller 3122

Depth Logger 3125

Bottom Logged Interval 3104

Top Logged Interval 1500

Type Fluid In Hole Chemical

Salinity, PPM CL 1500

Density 9.3

Level Full

Max. Rec. Temp. F 107

Operating Rig Time 2 1/2 Hours

Equipment -- Location 10 Hays

Recorded By J. Long

Witnessed By Roger Martin

John Washburn

Borehole Record

Run No Bit From To Size Wgt. From To

One 12.25 00 227 8.625 23# 00 227

Two 7.875 227 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

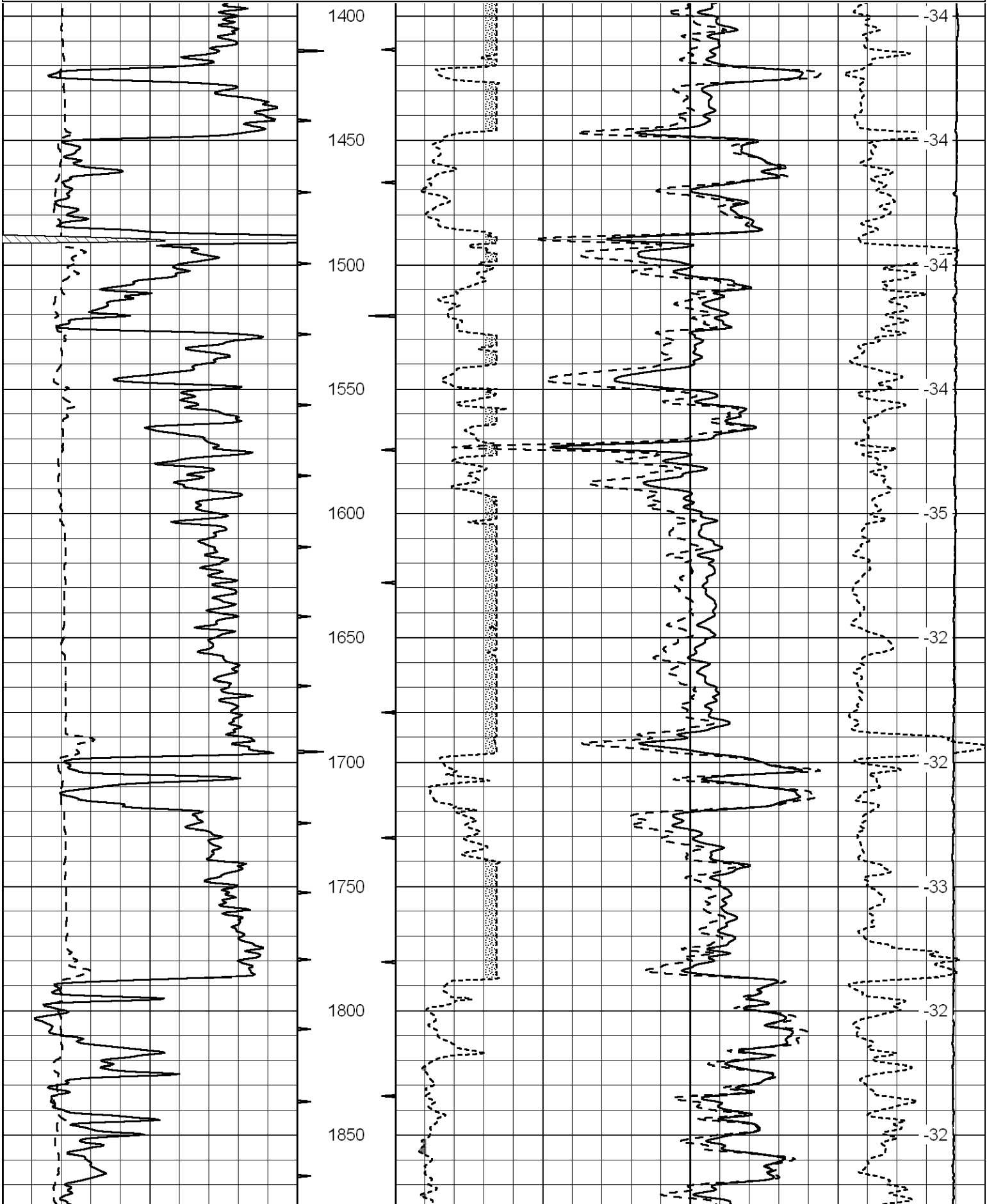
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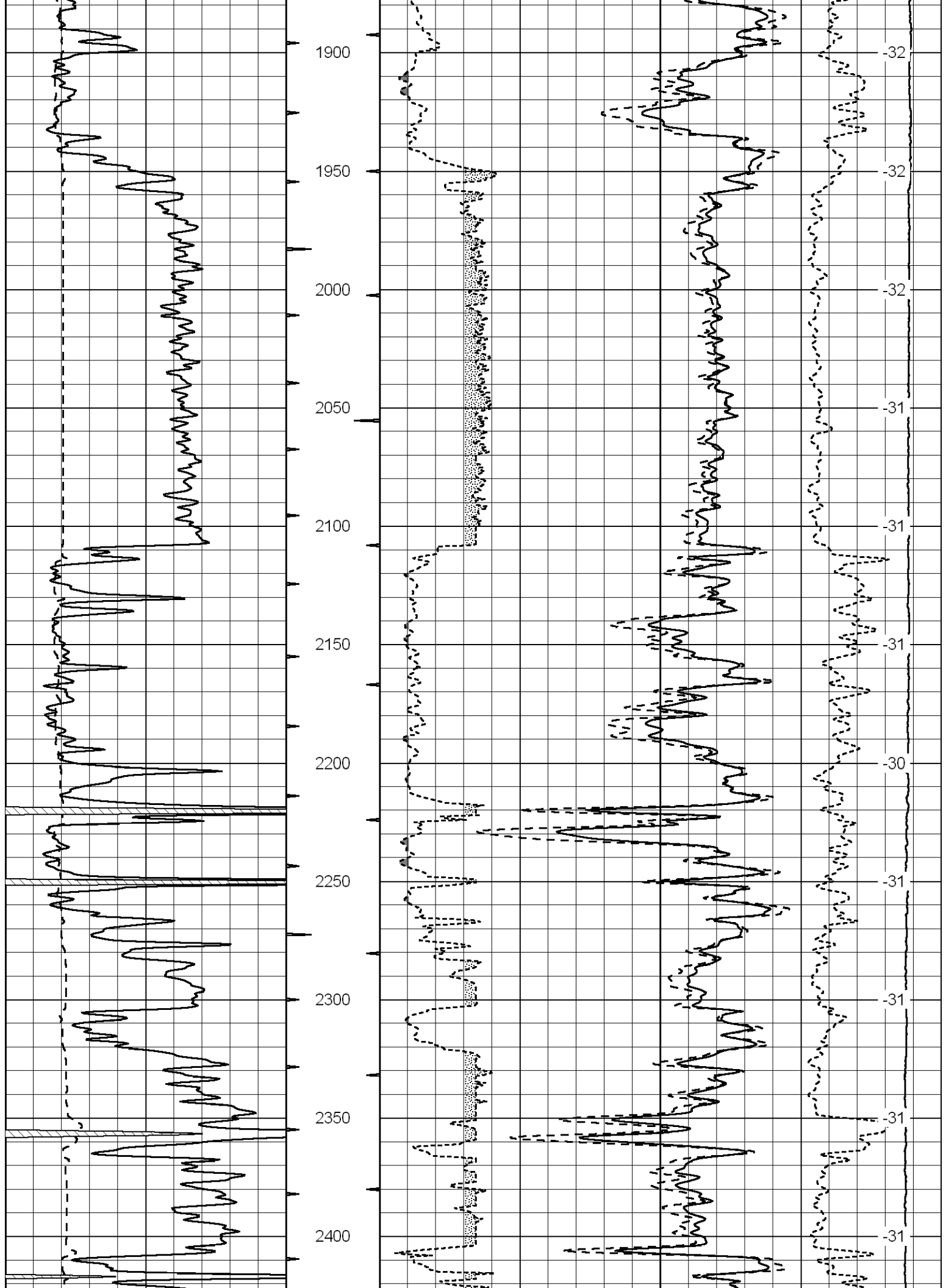
Leon, 2 North on SE Bluestem Road to SE 80th Street, 2/3 East, South Into

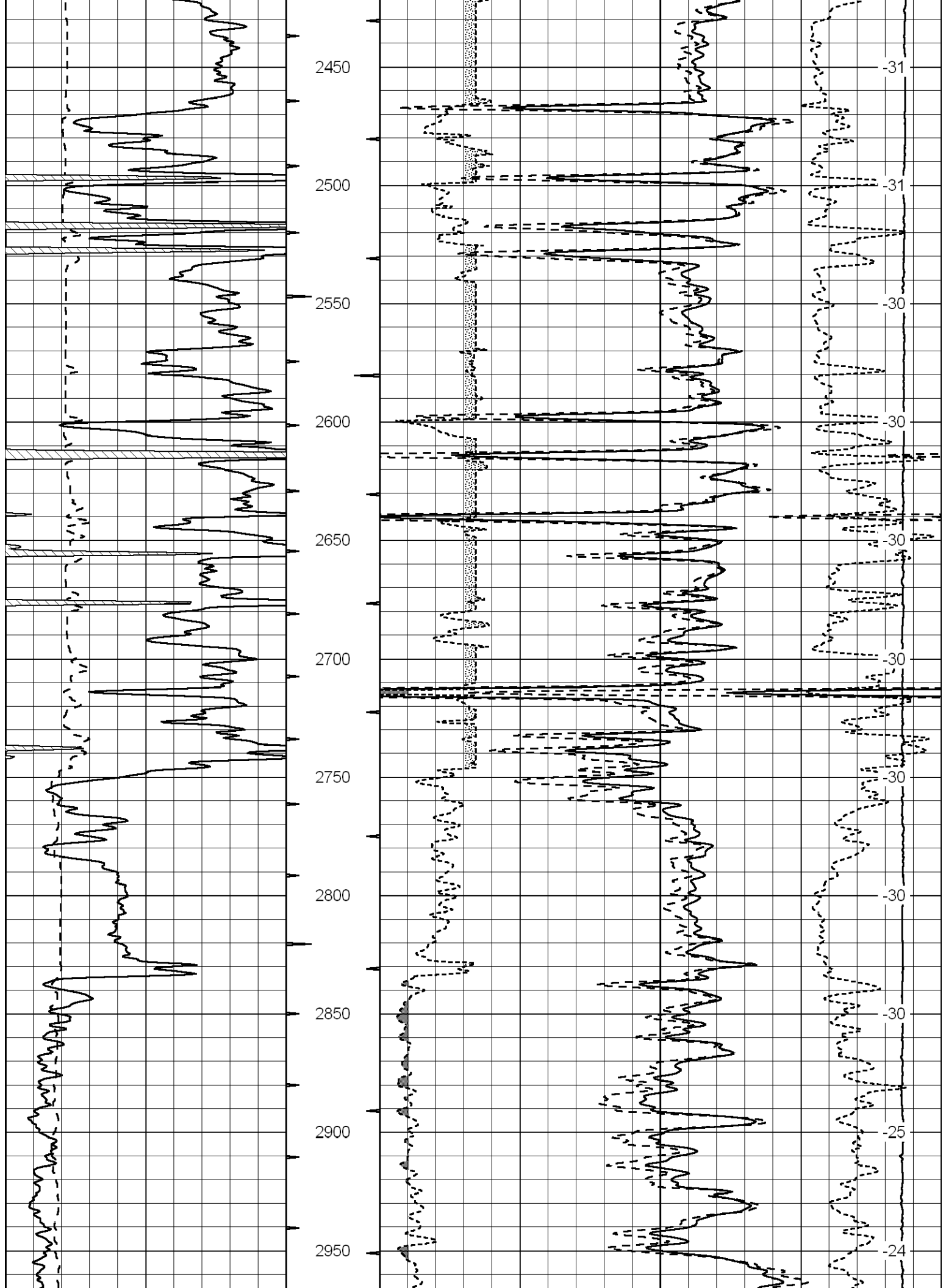
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Dataset Pathname: dil/rangstck
Presentation Format: cdl
Dataset Creation: Wed Dec 07 19:26:22 2011
Charted by: Depth in Feet scaled 1:600

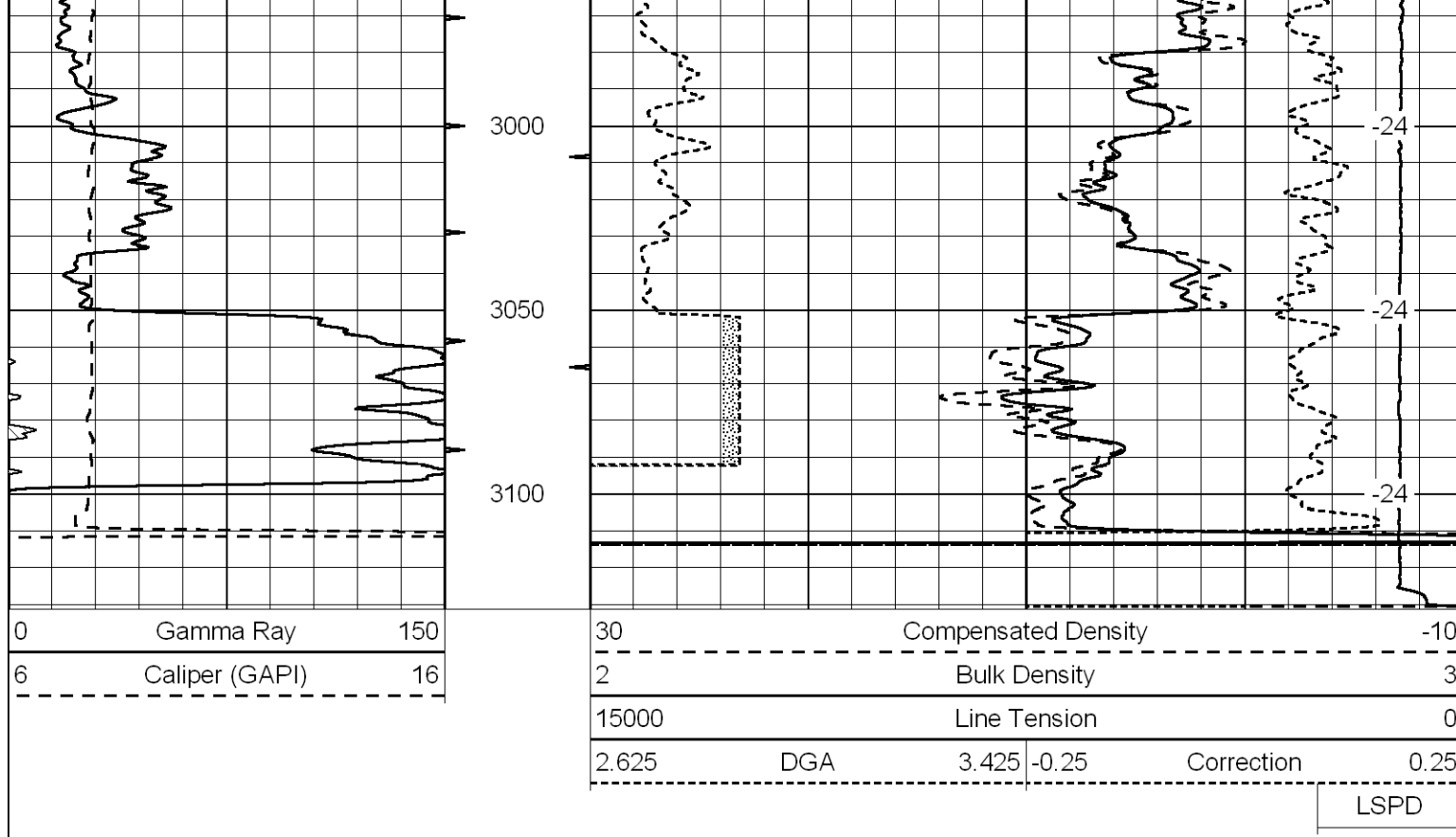
0	Gamma Ray	150
6	Caliper (GAPI)	16

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: range_barkus_1hd.db
Dataset Pathname: dil/rangstck
Presentation Format: cndlspec
Dataset Creation: Wed Dec 07 19:26:22 2011
Charted by: Depth in Feet scaled 1:240

