



Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No.

15-007-23,664-00-00

Company Chieftain Oil Co., Inc.

Well Lake No. 1

Field Rhodes

County Barber

State Kansas

Location SE SW NE SW
1,545' FSL & 1,843' FWL

Sec: 21 Twp: 33 S Rge: 11 W

Permanent Datum Ground Level Elevation 1376
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Other Services
DIL

Elevation
K.B. 1386
D.F. 1376
G.L. 1376

Date 4/29/2011

Run Number One

Type Log CNL / CDL

Depth Driller 5000

Depth Logger 5004

Bottom Logged Interval 4983

Top Logged Interval 3300

Type Fluid In Hole Chemical

Salinity, PPM CL 5500

Density 9.3

Level Full

Max. Rec. Temp. F 126

Operating Rig Time 3 Hours

Equipment -- Location 15 Hays

Recorded By Jim Schuler

Witnessed By Arden Ratzlaff

Run No Bit From To Size Wgt. From To

One 17.5 00 327 13.375 50# 00 327

Two 7.875 327 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

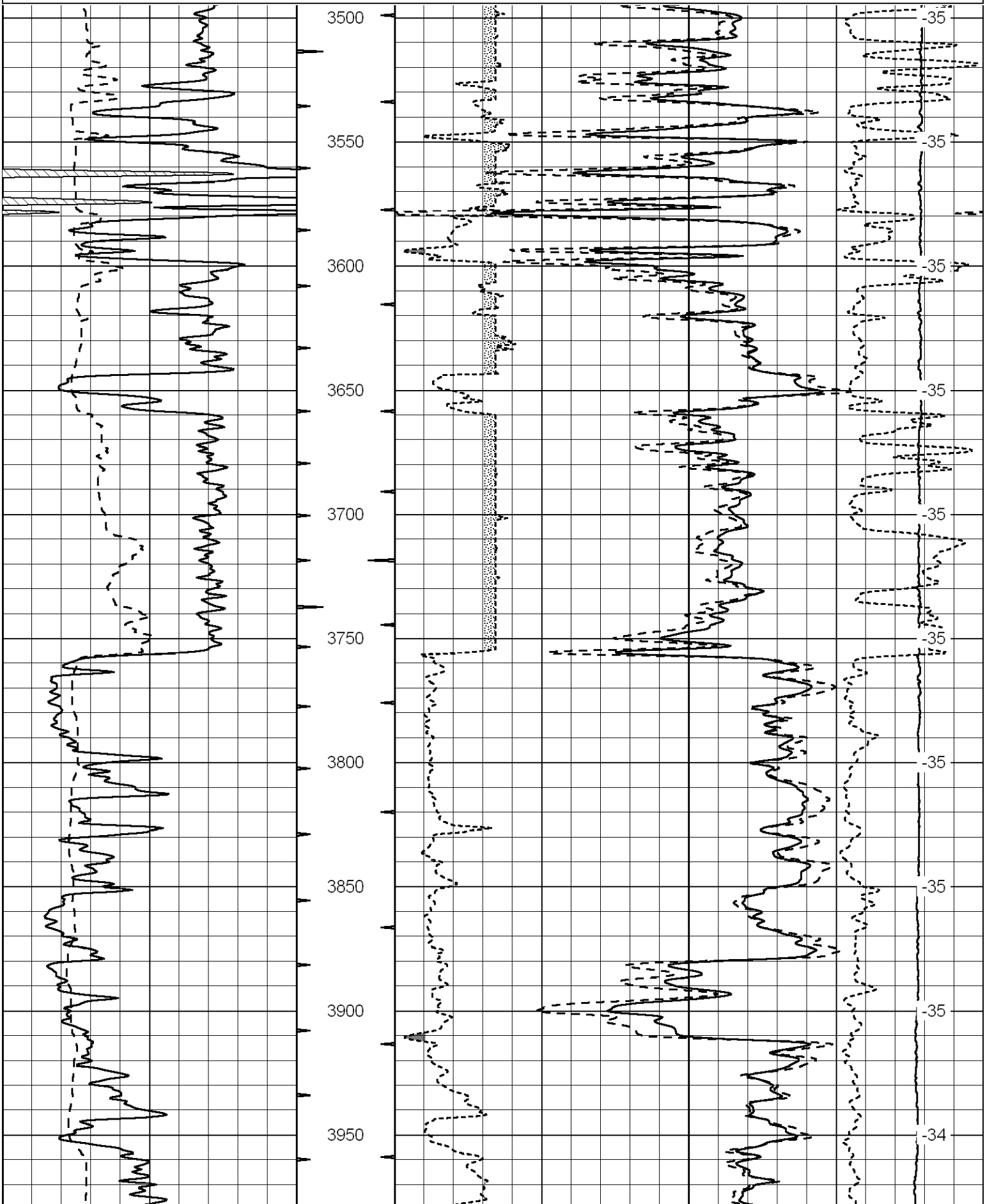
Thank you for using Log-Tech, Inc.
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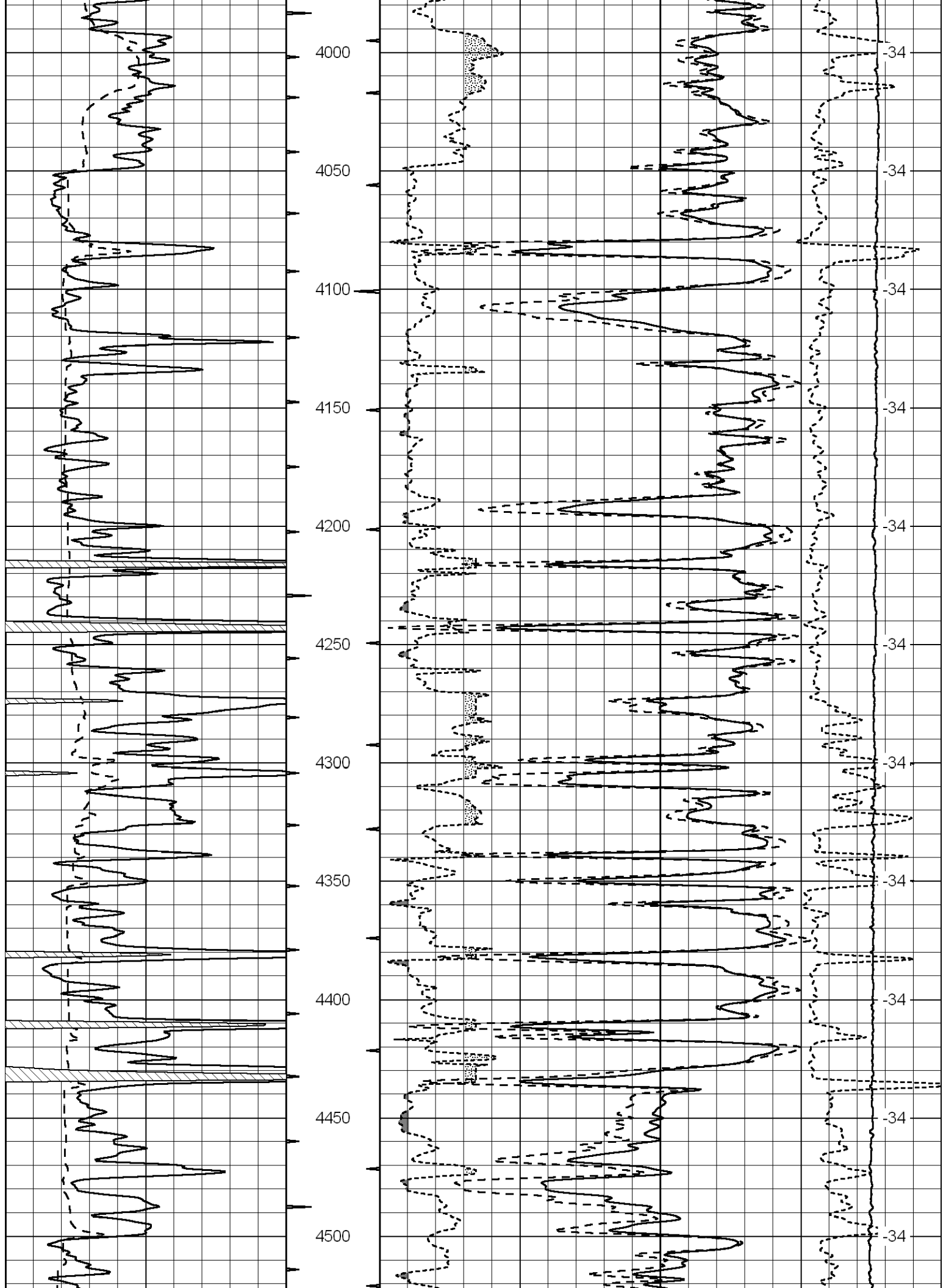
Medicine Lodge, Kansas, South to Gerlane Road. East to the Stop Sign,
Right 1/4 Mile, North Into

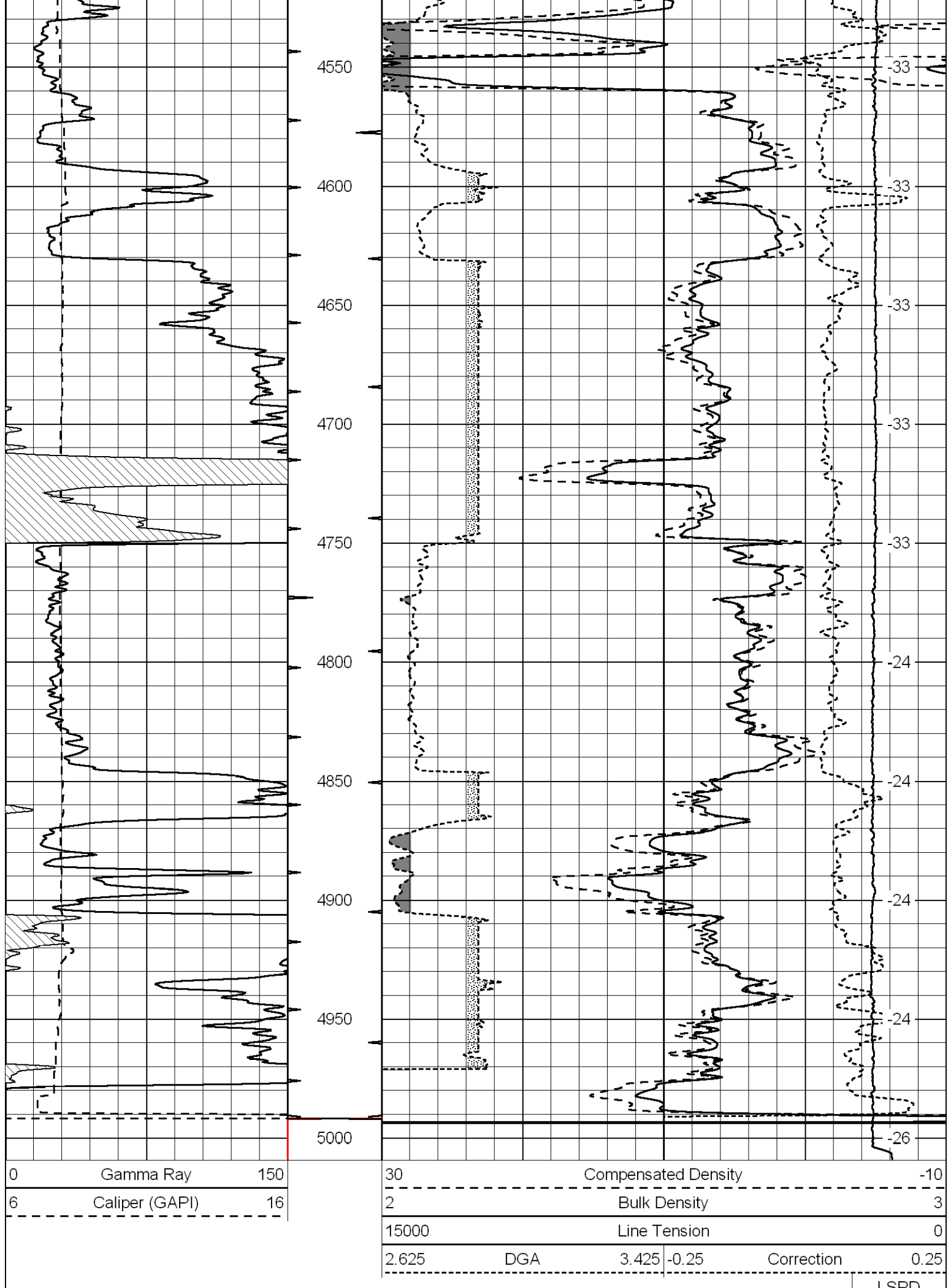
Database File: chieftain_lake_1hd.db
Dataset Pathname: DIL/chfstk
Presentation Format: cdl
Dataset Creation: Sat Apr 30 01:13:34 2011
Charted by: Depth in Feet scaled 1:600

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: chieftain_lake_1hd.db
Dataset Pathname: DIL/chfstk
Presentation Format: cndlspec
Dataset Creation: Sat Apr 30 01:13:34 2011
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
2.625	DGA	3.425	-0.25	Correction	0.25
10000	Line Tension				0

