



PIONEER

Pioneer Energy Services

Dual Compensated Porosity Log

API No.

15-007-23,864-00-00

Company **Chieftain Oil Company, Inc.**

Well **Lorraine "A" No.1**

Field **Rhodes**

County **Barber**

State **Kansas**

Location

**SE NW SE SW
710' FSL & 1,828' FWL**

Sec: **22**

Twp: **33S**

Rge: **11W**

Other Services
DIL/MEL

Permanent Datum Ground Level Elevation **1442**

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

K.B. **1455**
D.F. **1442**
G.L. **1442**

Date **11/20/2012**

Run Number **One**

Type Log **CNL / CDL**

Depth Driller **5080**

Depth Logger **5080**

Bottom Logged Interval **5059**

Top Logged Interval **3500**

Type Fluid In Hole **Chemical**

Salinity, PPM CL **6500**

Density **9.2**

Level **Full**

Max. Rec. Temp. F **127**

Operating Rig Time **5 Hours**

Equipment -- Location **108 Hays**

Recorded By **J. Long**

Witnessed By **David A. Barker**

Borehole Record

Casing Record

Run No	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	310	8.625	23#	00	310
Two	7.875	310	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

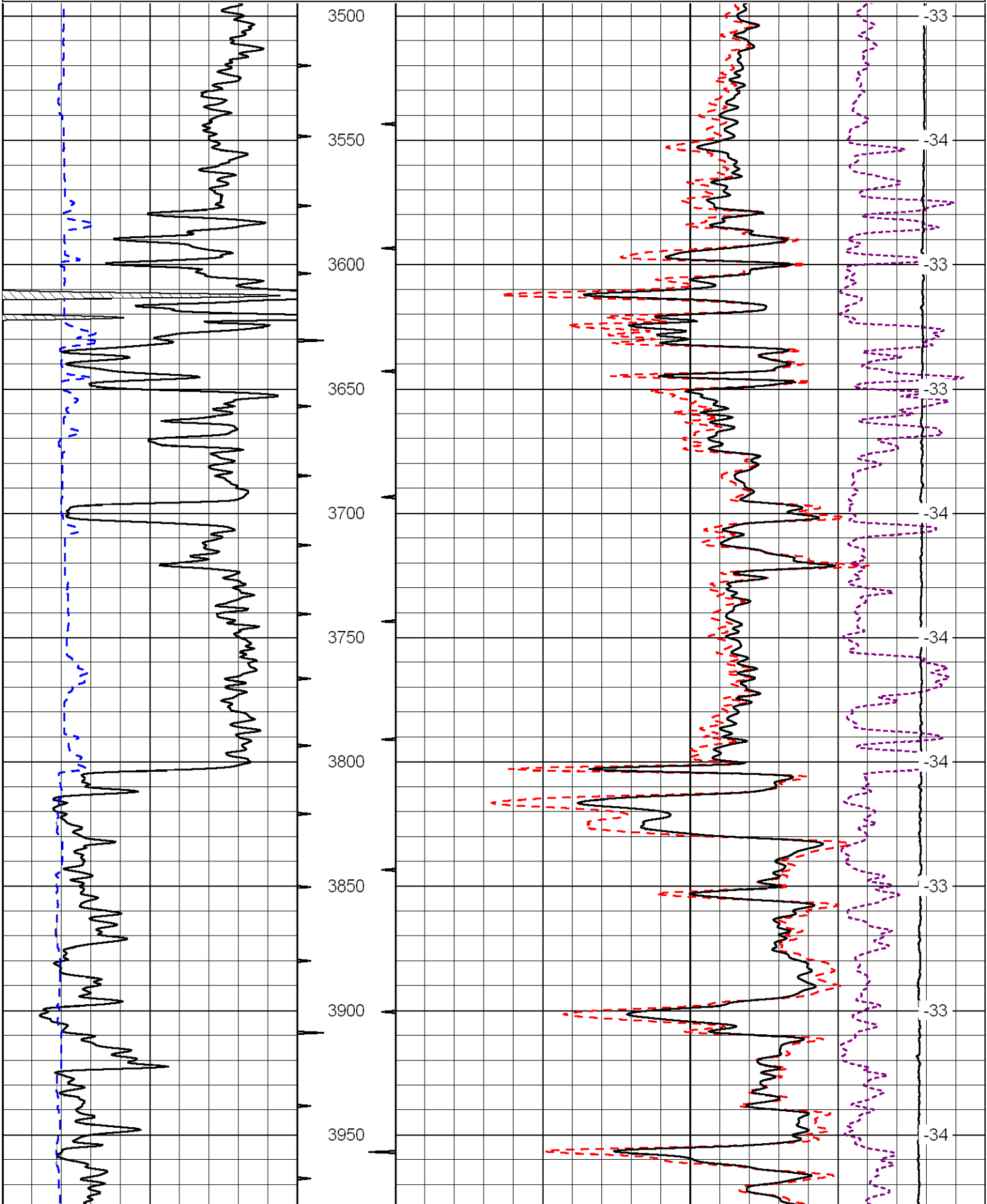
Thank you for using Log-Tech, Inc.
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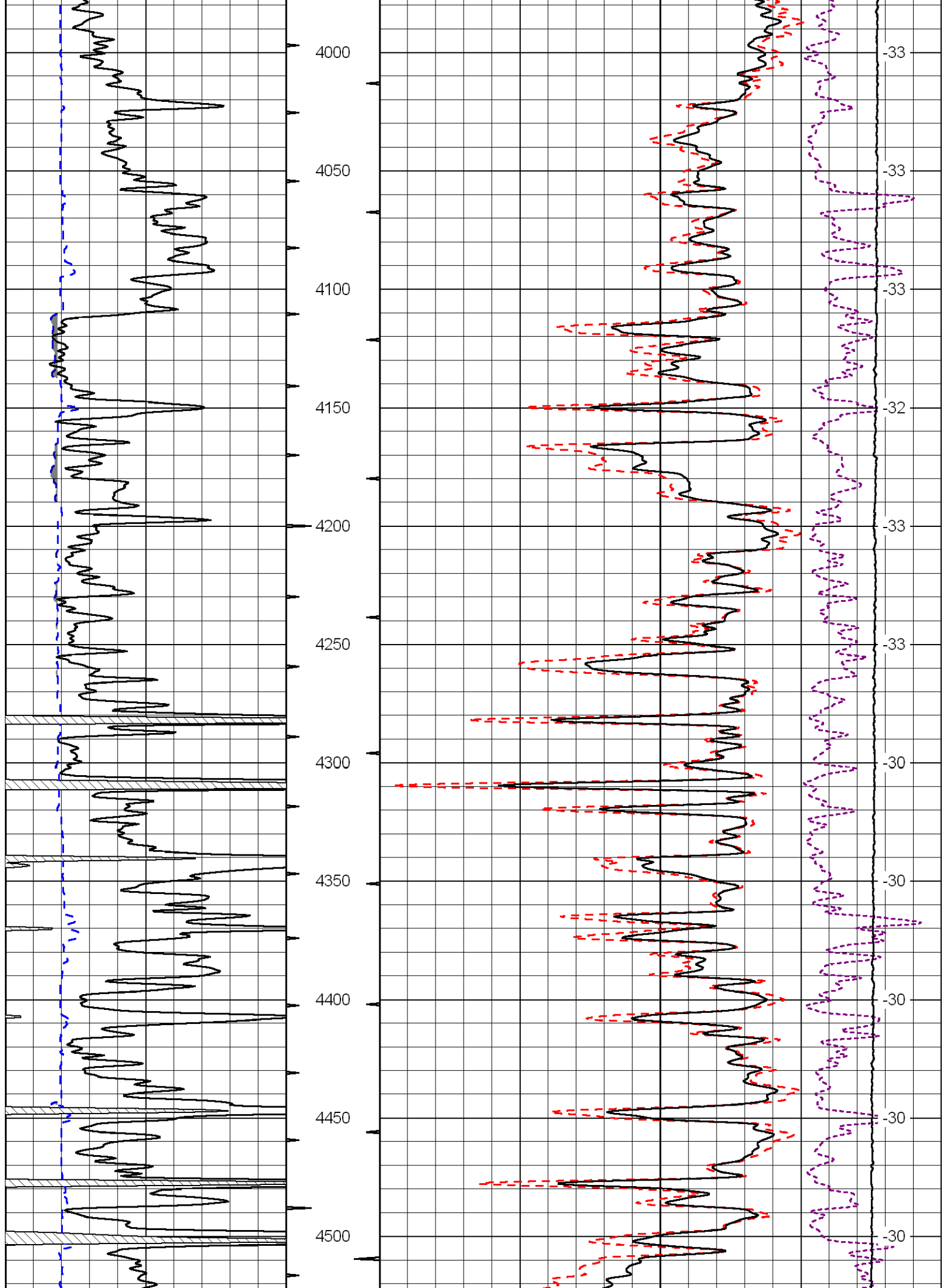
Medicine Lodge, South to Gerlane Blacktop, 4 East, North Into

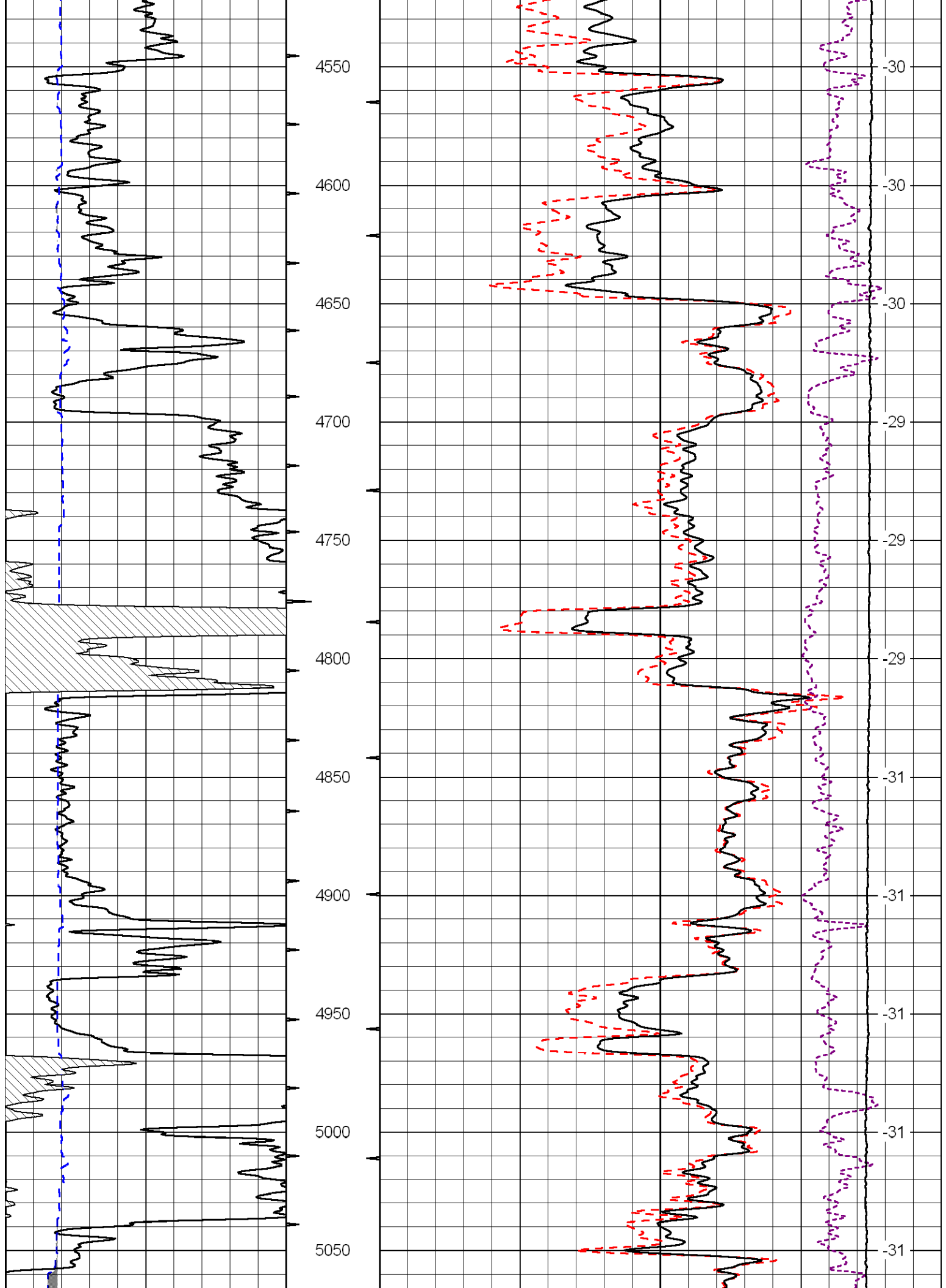
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Dataset Pathname: dil/chiefstck
Presentation Format: cdl
Dataset Creation: Tue Nov 20 16:53:53 2012
Charted by: Depth in Feet scaled 1:600

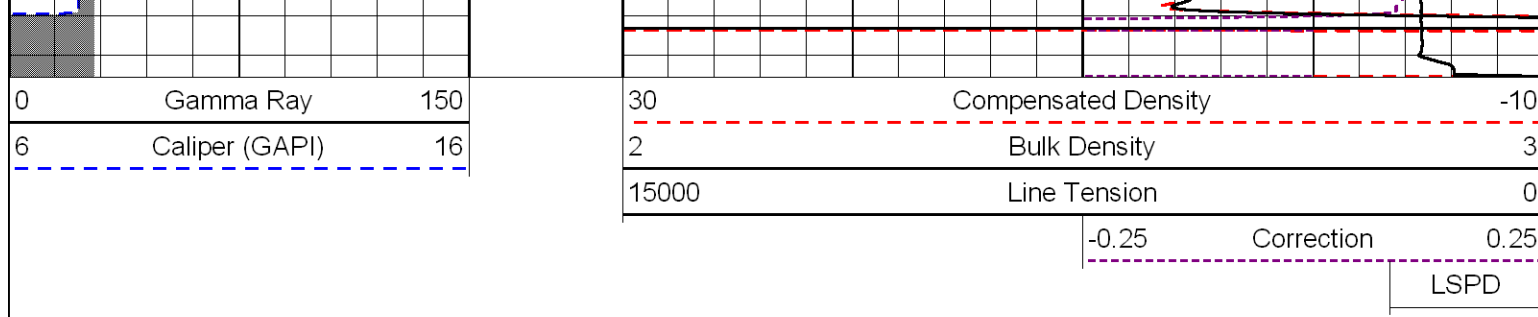
0	Gamma Ray	150
6	Caliper (GAPI)	16

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









Database File: chieftain_lorraine_a_1hd.db
Dataset Pathname: dil/chiefstck
Presentation Format: cndlspec
Dataset Creation: Tue Nov 20 16:53:53 2012
Charted by: Depth in Feet scaled 1:240

