



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-153-21021-00-00

Company Ruda Exploration, Inc.

Well KR #1

Field Wildcat

County Rawlins

State Kansas

Location NE SE SW SE
410' FSL / 1530' FEL

Sec: 14

Twp: 4S

Rge: 33W

Other Services
DIL/MEL

Permanent Datum Ground Level Elevation 2952
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date 6/17/2014

Run Number One

Type Log CNL / CDL

Depth Driller 4635

Depth Logger 4636

Bottom Logged Interval 4615

Top Logged Interval 3400

Type Fluid In Hole Chemical

Salinity, PPM CL 9400

Density 9.5

Level Full

Max. Rec. Temp. F 122

Operating Rig Time 5 Hours

Equipment -- Location 17 Hays

Recorded By R. Barnhart

Witnessed By Tony Richardson

Borehole Record

Casing Record

Run No	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	154	8.625	23#	00	154
Two	7.875	154	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

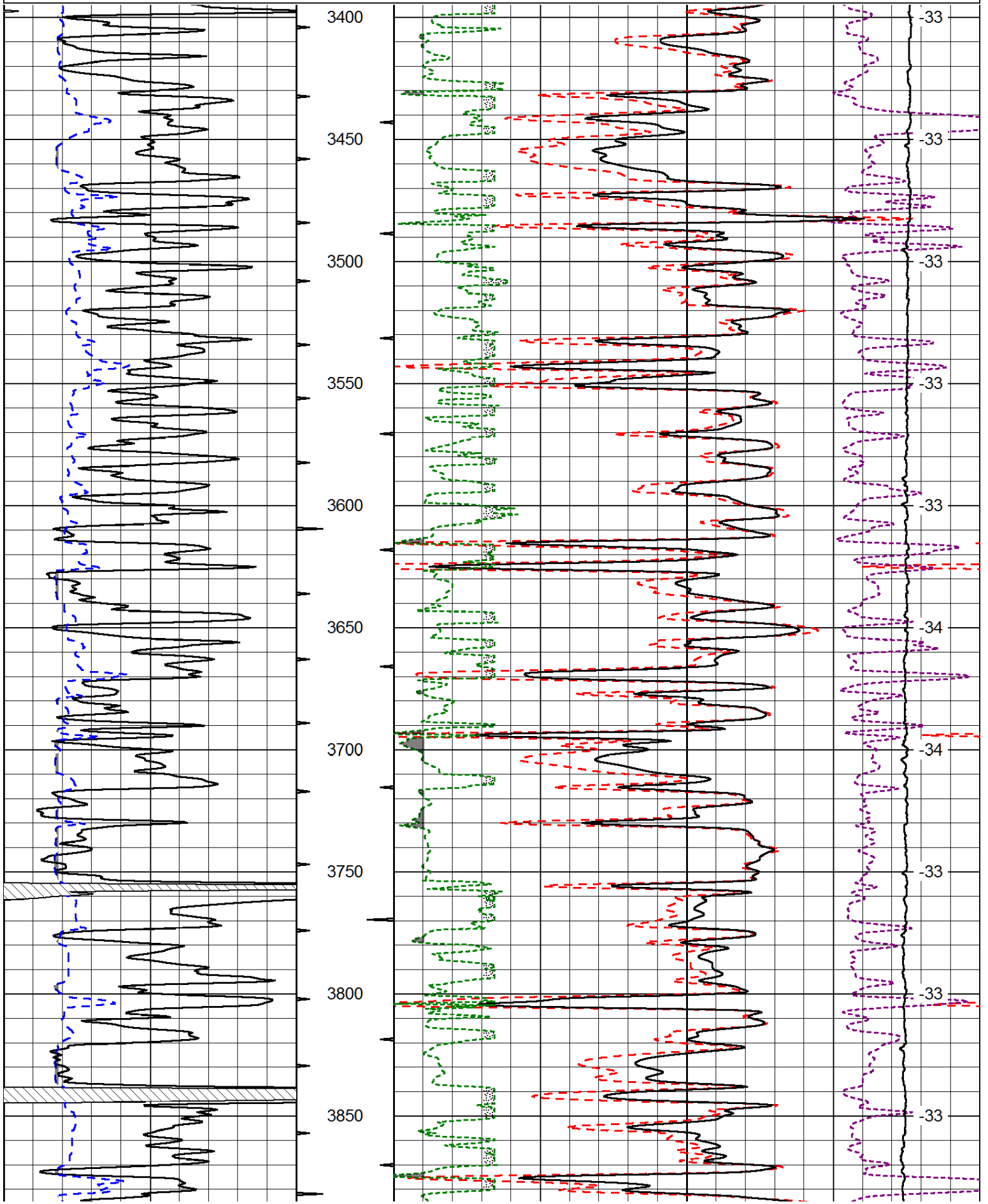
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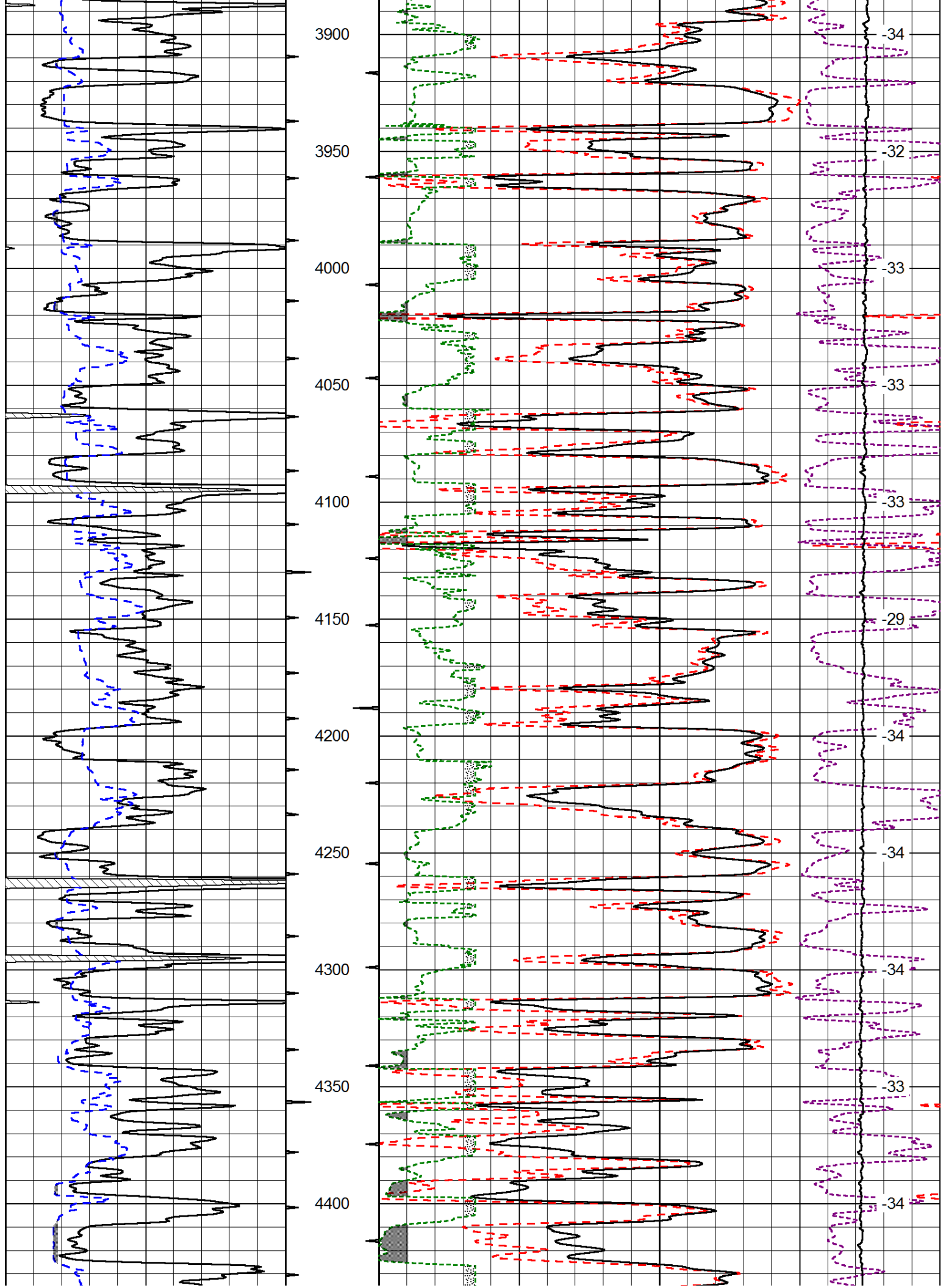
Colby, KS:
18N to H Rd., 3E, 2N, E into

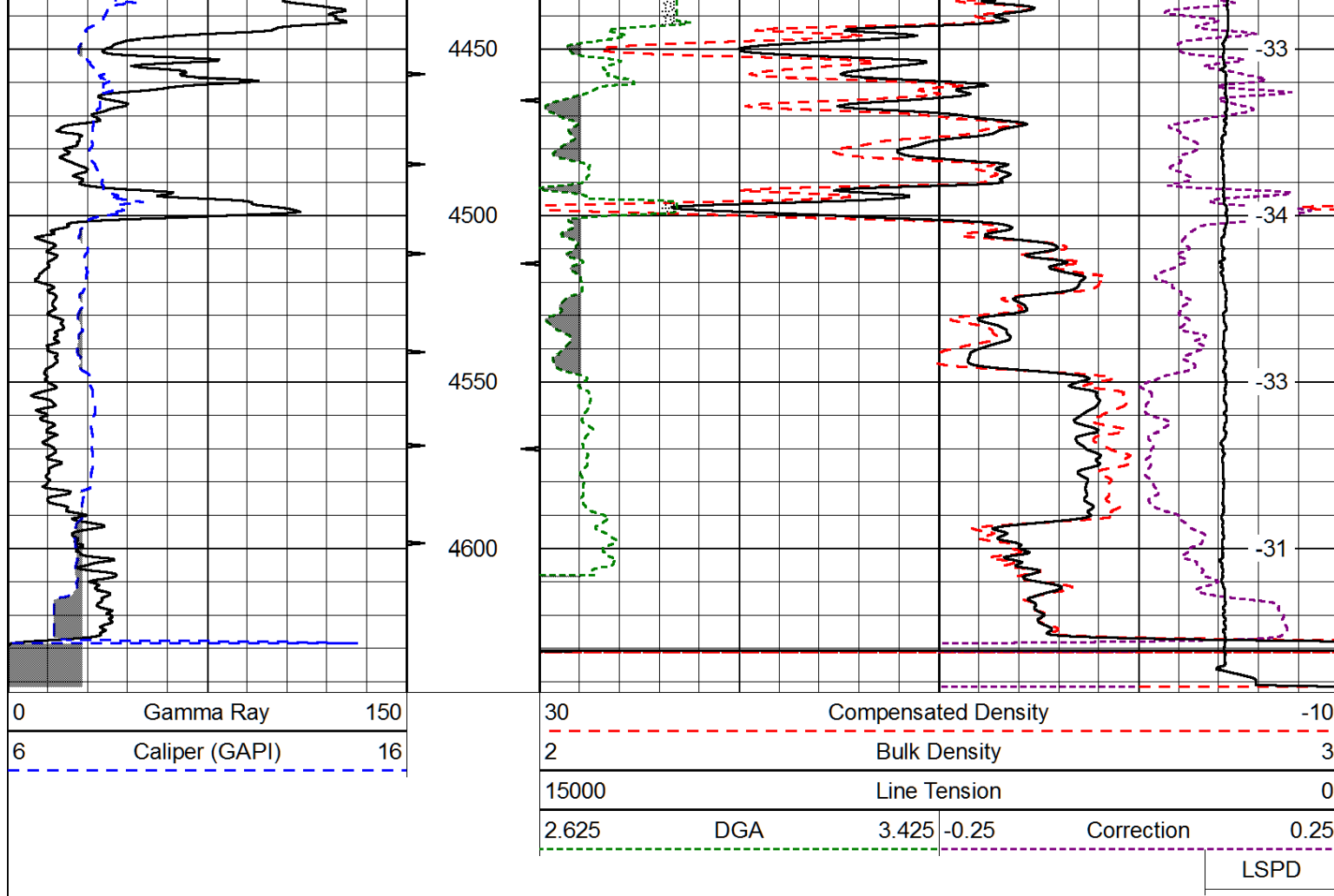
Database File: ruda_hd.db
Dataset Pathname: dil/rudm2
Presentation Format: cdl
Dataset Creation: Tue Jun 17 13:00:53 2014
Charted by: Depth in Feet scaled 1:600

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: ruda_hd.db
 Dataset Pathname: dil/rudm2
 Presentation Format: cndlspec
 Dataset Creation: Tue Jun 17 13:00:53 2014
 Charted by: Depth in Feet scaled 1:240

