



Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No.

15-101-22,249-00-00

Company Larson Operating Company

Well Harris No. 1-20

Field Cowdery
County Lane State Kansas

Location 2310' FSL & 1130' FWL

Sec: 20

Twp: 18S Rge: 30W

Other Services
DIL/MEL

Permanent Datum Ground Level Elevation 2897

Log Measured From Kelly Bushing 7 Ft. Above Perm. Datum

K.B. 2904
D.F. G.L. 2897

Date 08/08/2010

Run Number One

Type Log CNL / CDL

Depth Driller 4675

Depth Logger 4680

Bottom Logged Interval 4659

Top Logged Interval 3600

Type Fluid In Hole Chemical

Salinity, PPM CL 3,000

Density 9.3

Level Full

Max. Rec. Temp. F 125

Operating Rig Time 3 Hours

Equipment -- Location 17 Hays

Recorded By Jason Wellbrock

Witnessed By Vern Schrag

Borehole Record

Casing Record

Run No	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	262	8.625	23#	00	262
Two	7.875	262	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

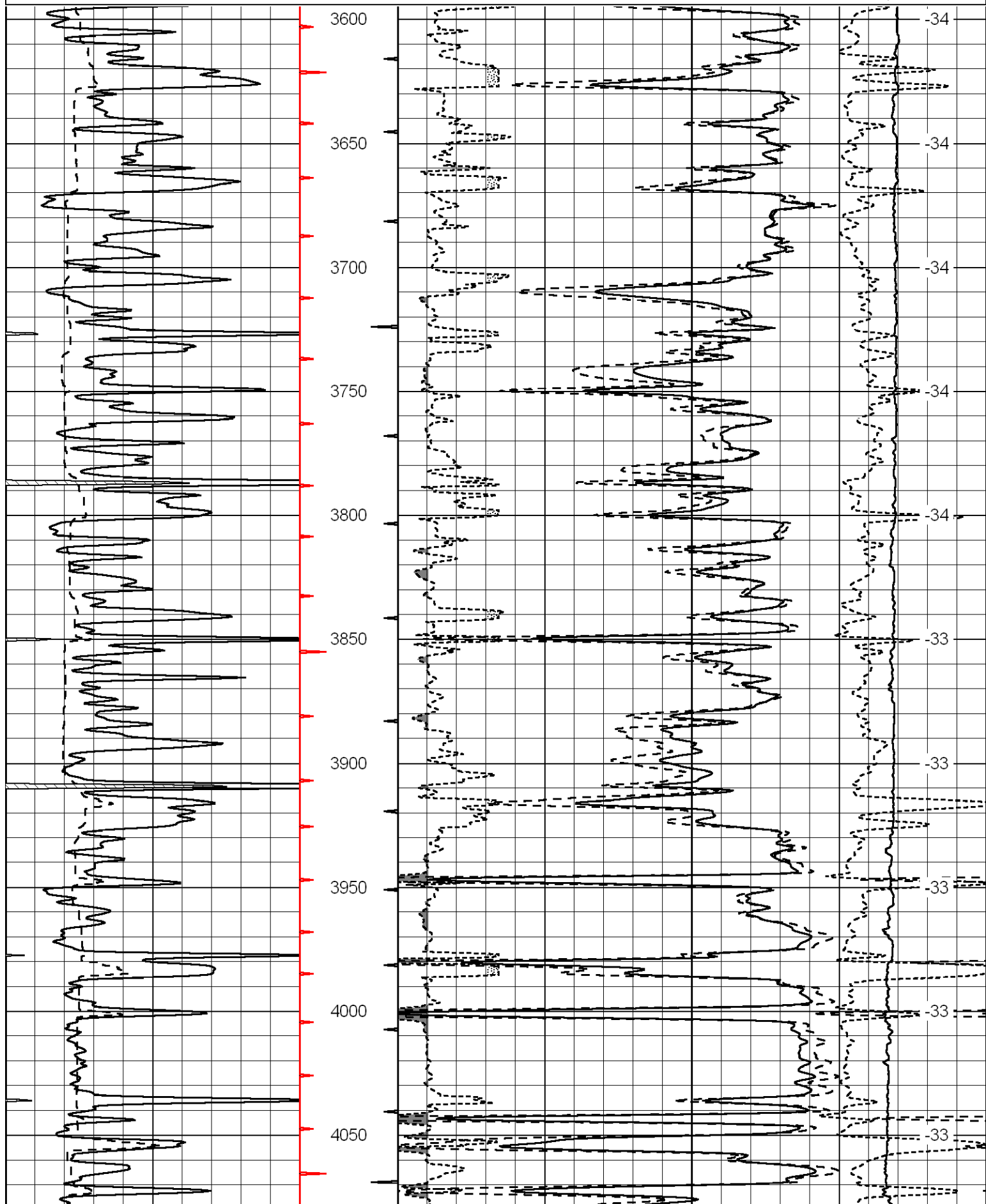
Thank you for using Log-Tech, Inc.
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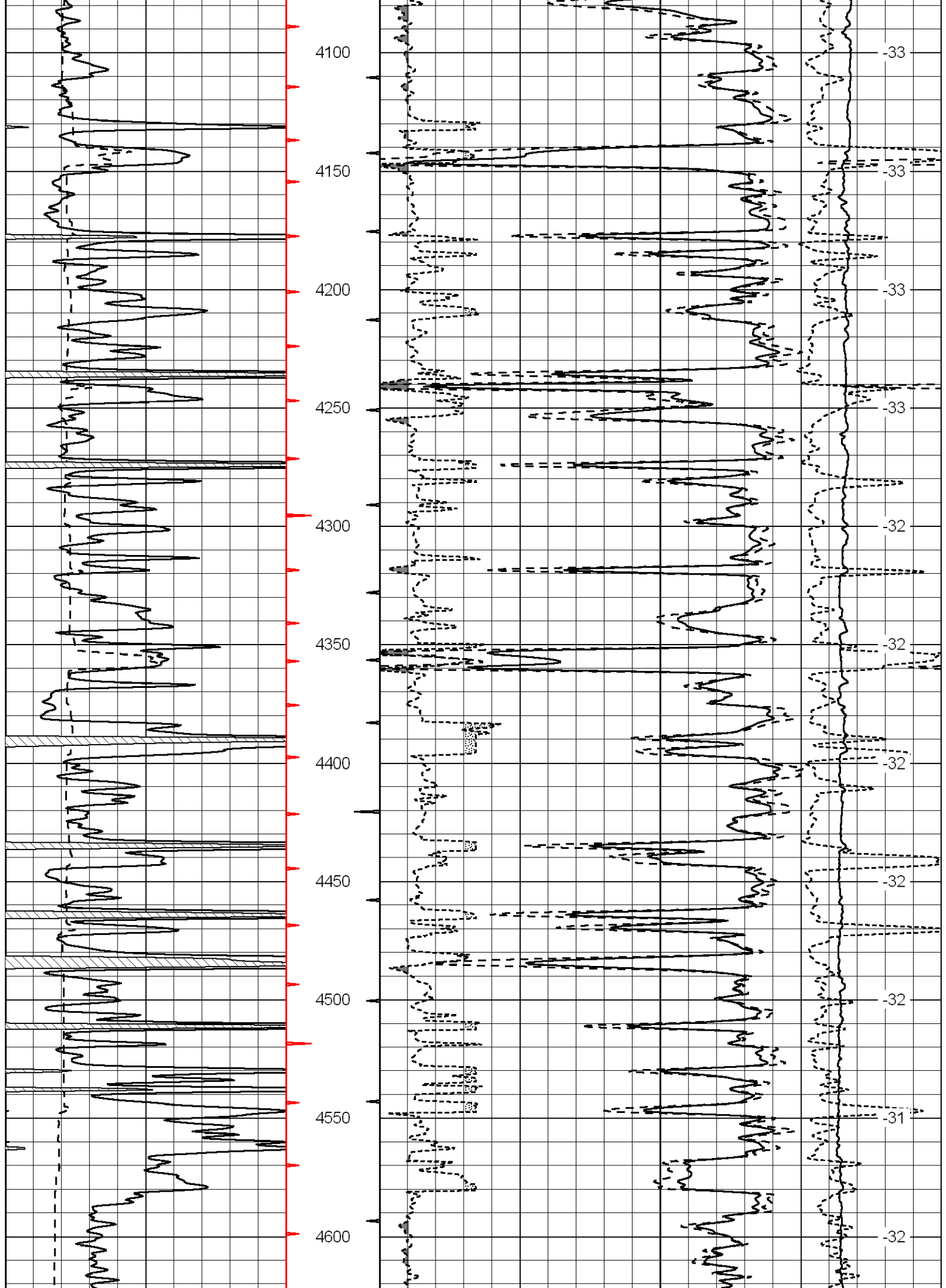
Dighton 10W to Arapahoe Rd, 1/2S, E Into

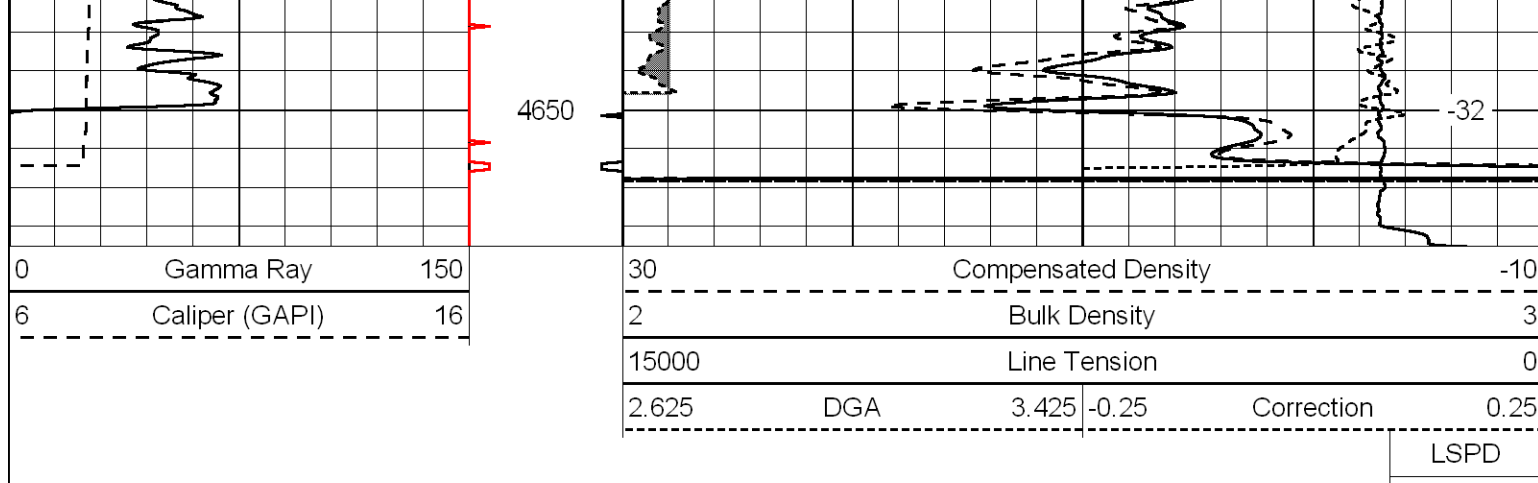
Database File: larshd.db
Dataset Pathname: dil/lar2in
Presentation Format: cdl
Dataset Creation: Sun Aug 08 08:54:41 2010
Charted by: Depth in Feet scaled 1:600

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: larshd.db
Dataset Pathname: dil/lar2in
Presentation Format: cndlspec
Dataset Creation: Sun Aug 08 08:54:41 2010
Charted by: Depth in Feet scaled 1:240

