



DIGITAL LOG (785) 625-3858

Dual Compensated Porosity Log

15-101-22,340-00-00

API No.

Company Larson Engineering, Inc.
 Well Joyce Ann Unit No.1-13
 Field Wildcat
 County Lane State Kansas

Location 95' FNL & 1050' FEL
 Sec: 13 Twp: 19S Rge: 29W

Other Services
 DIL
 MEL

Permanent Datum Ground Level Elevation 2792
 Log Measured From Kelly Bushing 7 Ft. Above Perm. Datum
 Drilling Measured From Kelly Bushing

Elevation
 K.B. 2799
 D.F.
 G.L. 2792

Date	2/11/2012	
Run Number	One	
Type Log	CNL / CDL	
Depth Driller	4690	
Depth Logger	4692	
Bottom Logged Interval	4671	
Top Logged Interval	3600	
Type Fluid In Hole	Chemical	
Salinity, PPM CL	3,400	
Density	9.3	
Level	Full	
Max. Rec. Temp. F	123	
Operating Rig Time	4 Hours	
Equipment -- Location	17 Hays	
Recorded By	C. Desaire	
Witnessed By	Vern Schrag	

Borehole Record		Casing Record					
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	262	8.625	24#	00	262
2	7.875	262	4690				

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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.

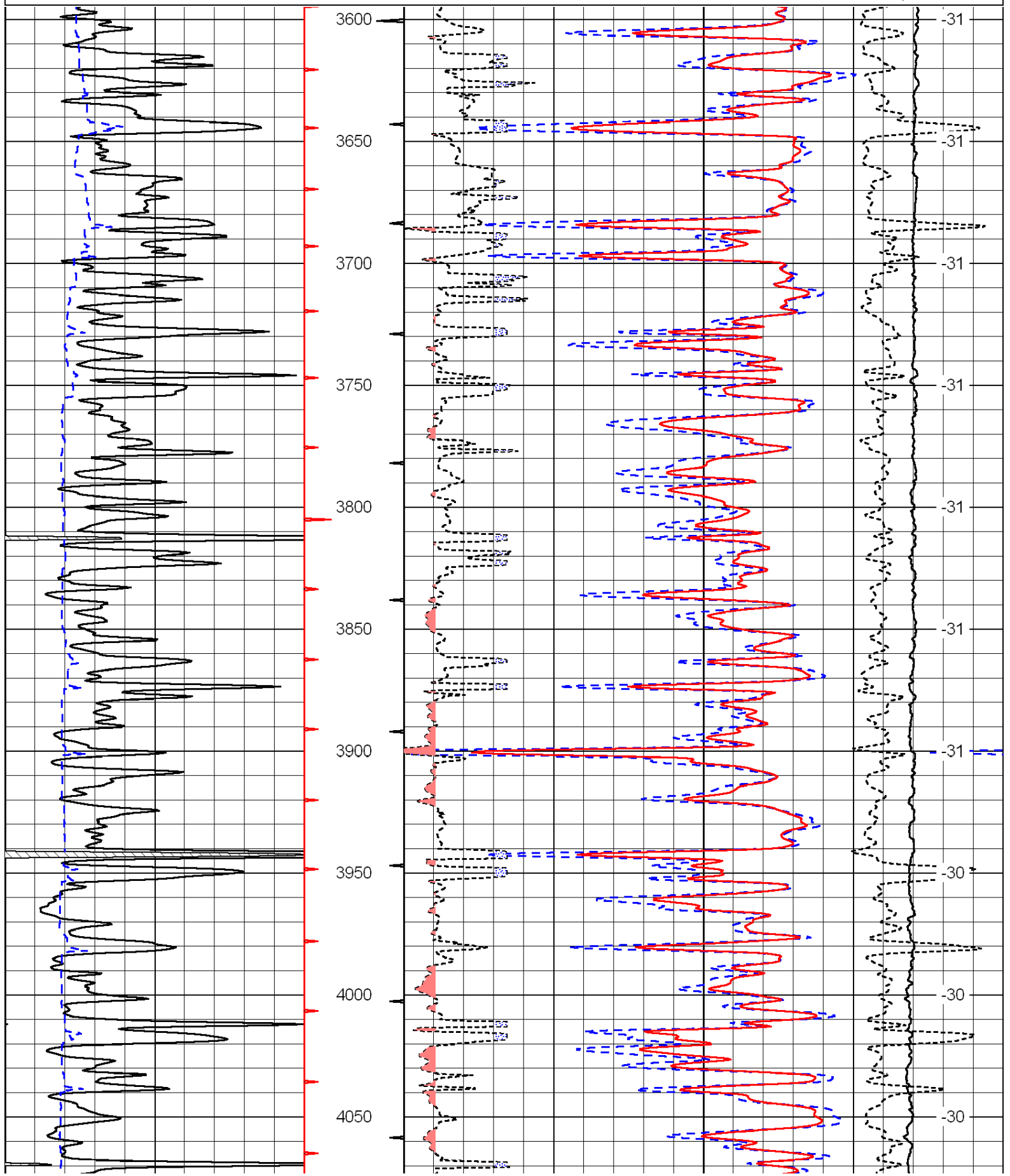
Comments

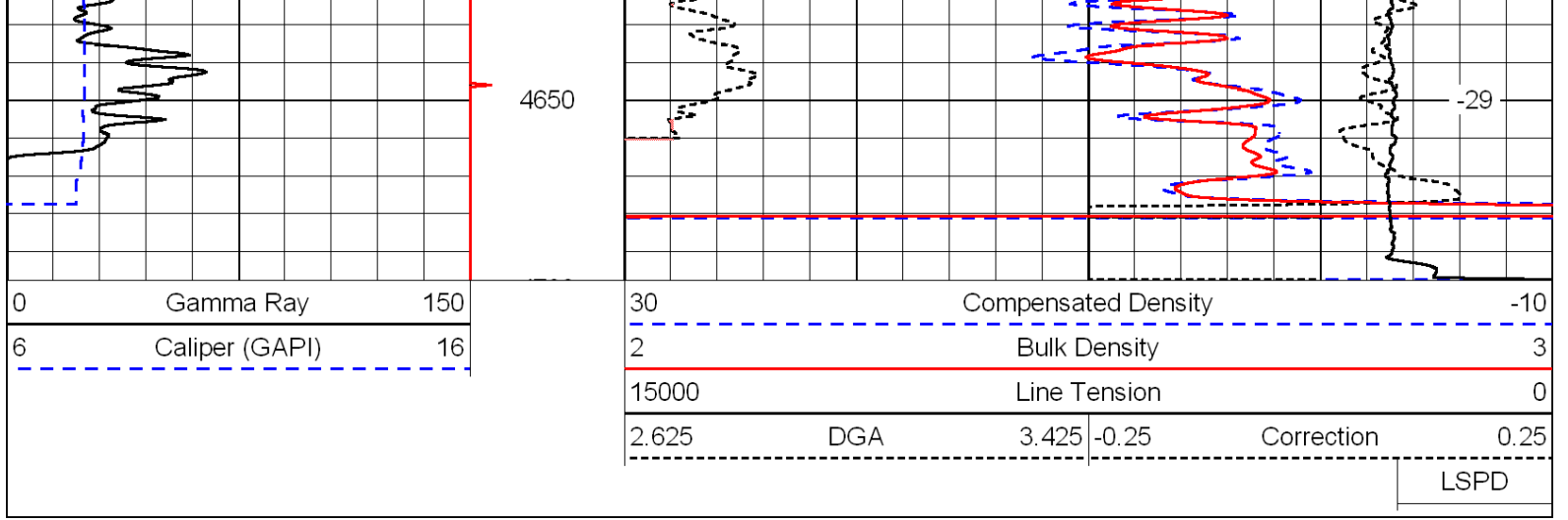
Thank you for using Log-Tech, Inc.
 (785) 625-3858
 Dighton KS,
 5 1/4 S, W Into

Database File: c:\warrior\data\larson_joyce ann unit no.1-13\larsonhd.db
 Dataset Pathname: dil\larstk
 Presentation Format: cdl
 Dataset Creation: Sat Feb 11 03:34:39 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
2.625	DGA	3.425	-0.25
Correction			0.25
LSPD			





Database File: c:\warrior\data\larson_joyce ann unit no.1-13\larsonhd.db
 Dataset Pathname: dil\larstk
 Presentation Format: cndlspec
 Dataset Creation: Sat Feb 11 03:34:39 2012
 Charted by: Depth in Feet scaled 1:240

