

Dual Compensated Porosity Log

(785) 625-3858

Company Larson Engineering, Inc.

Well L. York No. 1-13

Field Paris

County Lane State Kansas

15-101-22,365-00-00

Sec: 13 Twp: 19 S Rge: 29 W

Elevation

Permanent Datum	Ground Level	Elevation 2814
Measured From	Kelly Bushing	7 Ft Above Perm. Datum

Drilling Measured From Kelly Bushing

Date	

Run Number	One
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Type Log	CNL / CDL
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Depth Driller	4685
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Depth Logger	4684
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Bottom Logged Interval	4663
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Top Logged Interval	3000
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Type Fluid in Hole	Chemical
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Salinity, PPM CL	2,500
Density	0.4

Density	5.4

Level	Full
Max. Dec. Temp. F	102

IMDA. Rev. 1 ellip. 1	123
Operative Bias Time	41 hours

Equipment	Location	01	H0
Operating 1 mile		7	1100015

Equipment -- Location	Q1	11/2
Recorded By	K. Banno	

Witnessed By	Yarn Schra
Reviewed By	in: Dangle

Winnings	Losses
Barbale Record	

Bus No	Bit	From	To
0	0	0	0
0	1	0	0
0	2	0	0
0	3	0	0
0	4	0	0
0	5	0	0
0	6	0	0
0	7	0	0
0	8	0	0
0	9	0	0
0	10	0	0
0	11	0	0
0	12	0	0
0	13	0	0
0	14	0	0
0	15	0	0
0	16	0	0
0	17	0	0
0	18	0	0
0	19	0	0
0	20	0	0
0	21	0	0
0	22	0	0
0	23	0	0
0	24	0	0
0	25	0	0
0	26	0	0
0	27	0	0
0	28	0	0
0	29	0	0
0	30	0	0
0	31	0	0
0	32	0	0
0	33	0	0
0	34	0	0
0	35	0	0
0	36	0	0
0	37	0	0
0	38	0	0
0	39	0	0
0	40	0	0
0	41	0	0
0	42	0	0
0	43	0	0
0	44	0	0
0	45	0	0
0	46	0	0
0	47	0	0
0	48	0	0
0	49	0	0
0	50	0	0
0	51	0	0
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0	79	0	0
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0	81	0	0
0	82	0	0
0	83	0	0
0	84	0	0
0	85	0	0
0	86	0	0
0	87	0	0
0	88	0	0
0	89	0	0
0	90	0	0
0	91	0	0
0	92	0	0
0	93	0	0
0	94	0	0
0	95	0	0
0	96	0	0
0	97	0	0
0	98	0	0
0	99	0	0
0	100	0	0
0	101	0	0
0	102	0	0
0	103	0	0
0	104	0	0
0	105	0	0
0	106	0	0
0	107	0	0
0	108	0	0
0	109	0	0
0	110	0	0
0	111	0	0
0			

1	12 25	00	260
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1	15.20	30	1685
2	7875	260	

	1	2	3
	1	2	3
	1	2	3
	1	2	3

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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.

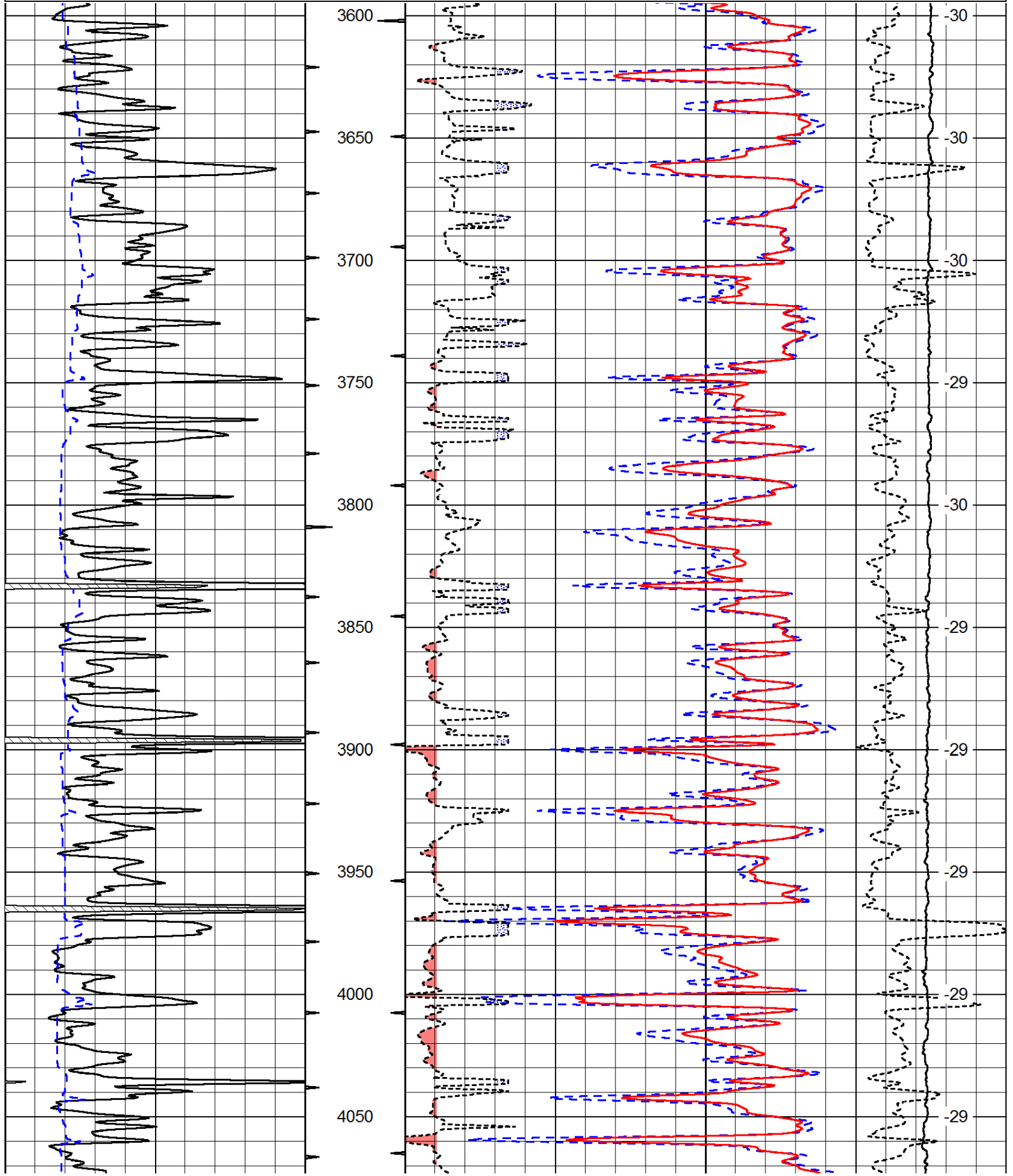
Comments

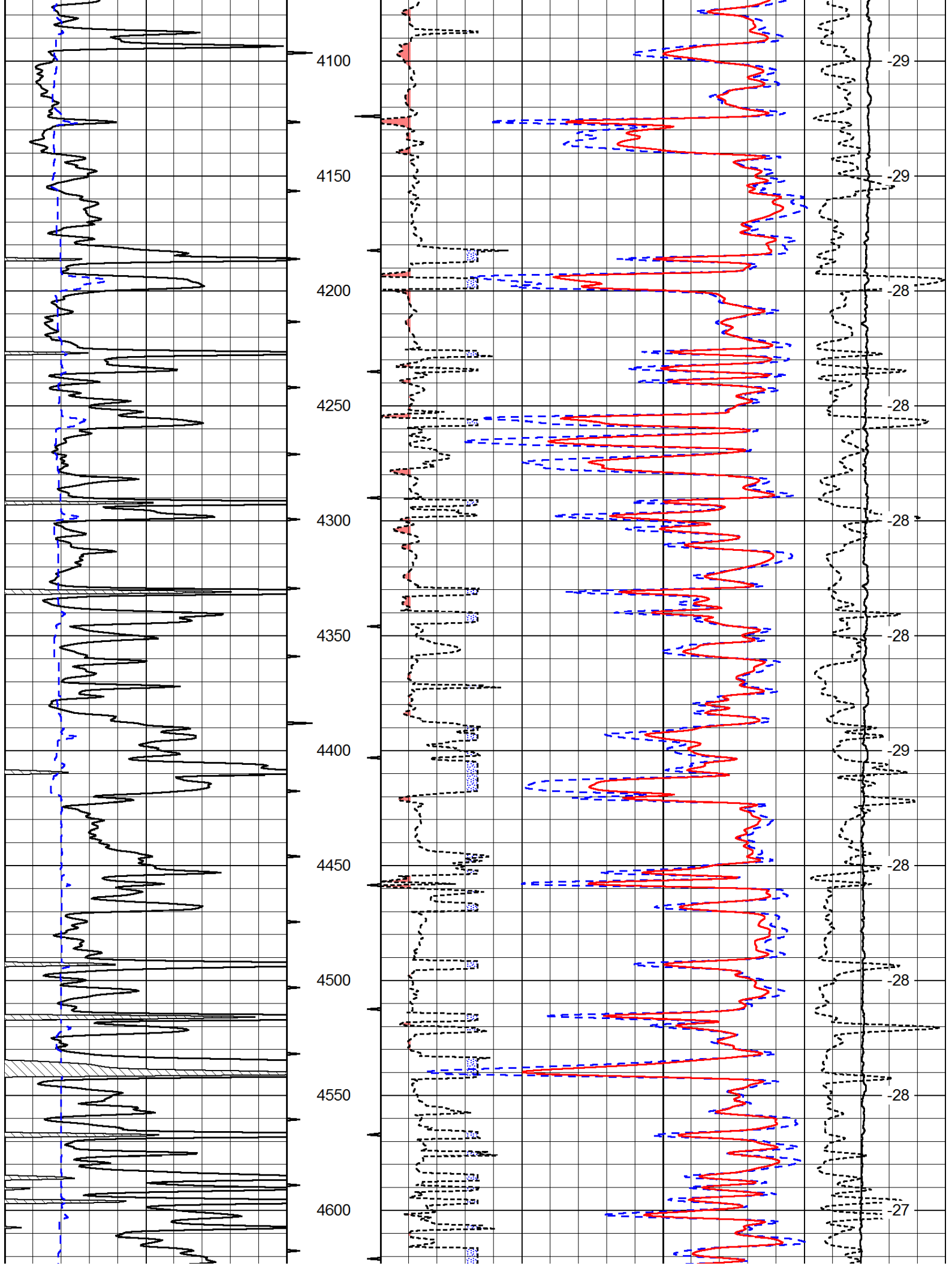
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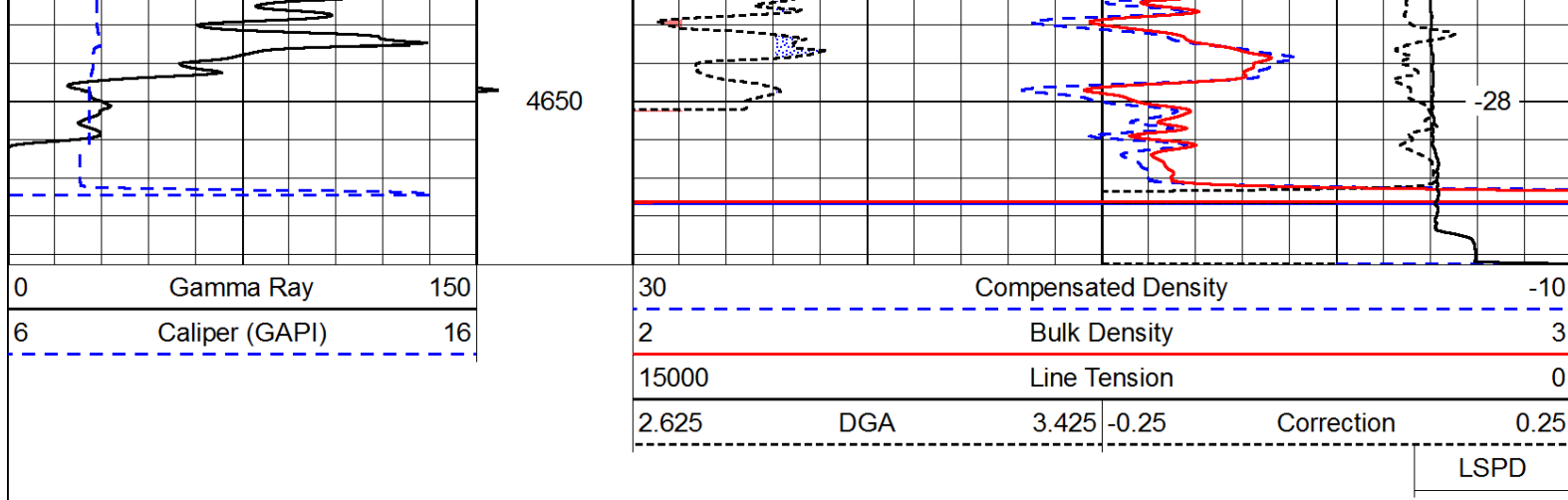
Dighton, 6 S to 90 rd,
1 W, 1/2 N, E into

Database File: c:\warrior\data\larson_l. york no. 1-13\larson043012hd.db
Dataset Pathname: dil\lrsnstk
Presentation Format: cdl
Dataset Creation: Mon Apr 30 09:57:49 2012
Charted by: Depth in Feet scaled 1:600

Charted by:			Depth in Feet scaled 1:600			
0	Gamma Ray	150	30	Compensated Density		-10
6	Caliper (GAPI)	16	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_I. york no. 1-13\larson043012hd.db
 Dataset Pathname: dil/lrsnstk
 Presentation Format: cndlspec
 Dataset Creation: Mon Apr 30 09:57:49 2012
 Charted by: Depth in Feet scaled 1:240

