



**Dual Compensated
Porosity Log**

DIGITAL LOG (785) 625-3858

API No. 15-051-26,172-00-00	Company TDI, Inc.	Well Willard No. 1	Field Schoenchen	County Ellis	State Kansas
Location 480' FNL & 2190 FEL	Sec: 22	Twp: 15 S	Rge: 18 W	Other Services DILMEL	
Permanent Datum Log Measured From Drilling Measured From	Ground Level Kelly Bushing Kelly Bushing	Elevation 2028 10 Ft. Above Perm. Datum	Elevation K.B. 2038 D.F. 2028 G.L. 2028		

Date	9/4/2011
Run Number	One
Type Log	CNL / CDL
Depth Driller	3745
Depth Logger	3744
Bottom Logged Interval	3723
Top Logged Interval	2900
Type Fluid In Hole	Chemical
Salinity, PPM CL	2900
Density	9.1
Level	Full
Max. Rec. Temp. F	113
Operating Rig Time	4 1/2 Hours
Equipment -- Location	17 Hays
Recorded By	D.Kerr
Witnessed By	Tom Denning

Borehole Record		Casing Record					
Run No	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	224	8.625	23#	00	224
Two	7.875	224	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

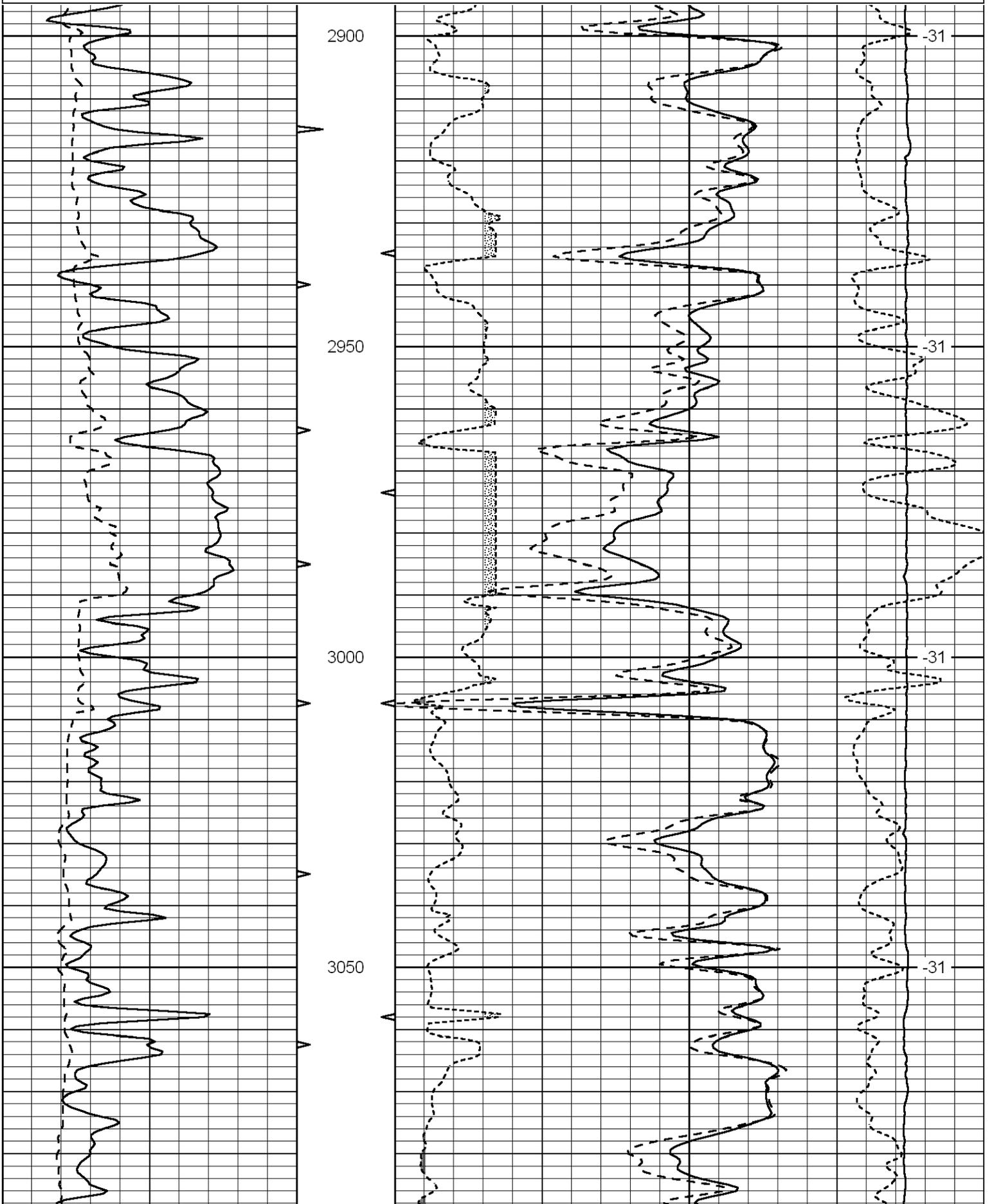
Thank you for using Log-Tech, Inc.
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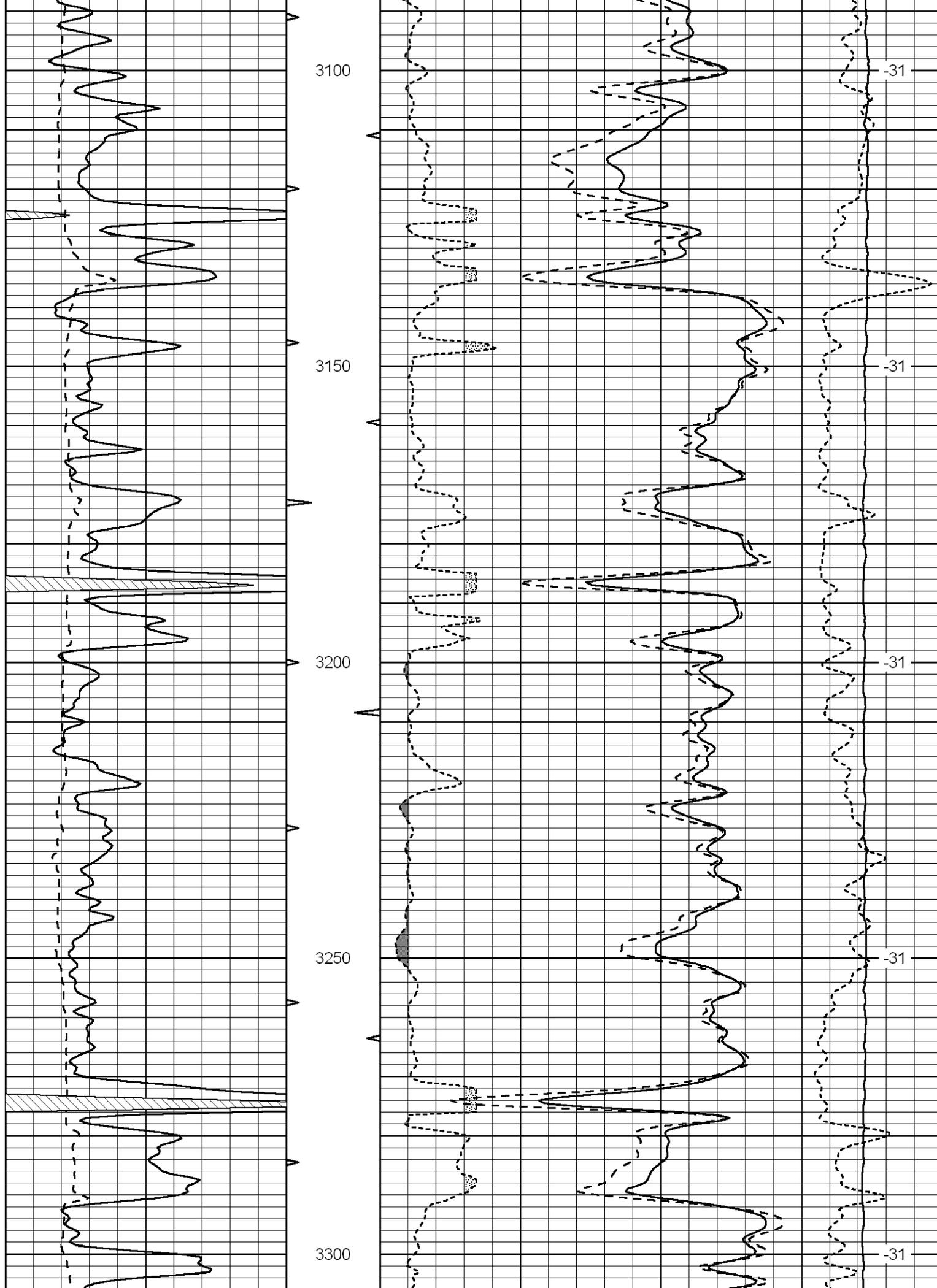
Hays KS, South to Hays Mack,
1/2 East, South Into

Database File: tdi_willard_1hd.db
 Dataset Pathname: dil/tdistk
 Presentation Format: cdl
 Dataset Creation: Sun Sep 04 23:54:45 2011
 Charted by: Depth in Feet scaled 1:240

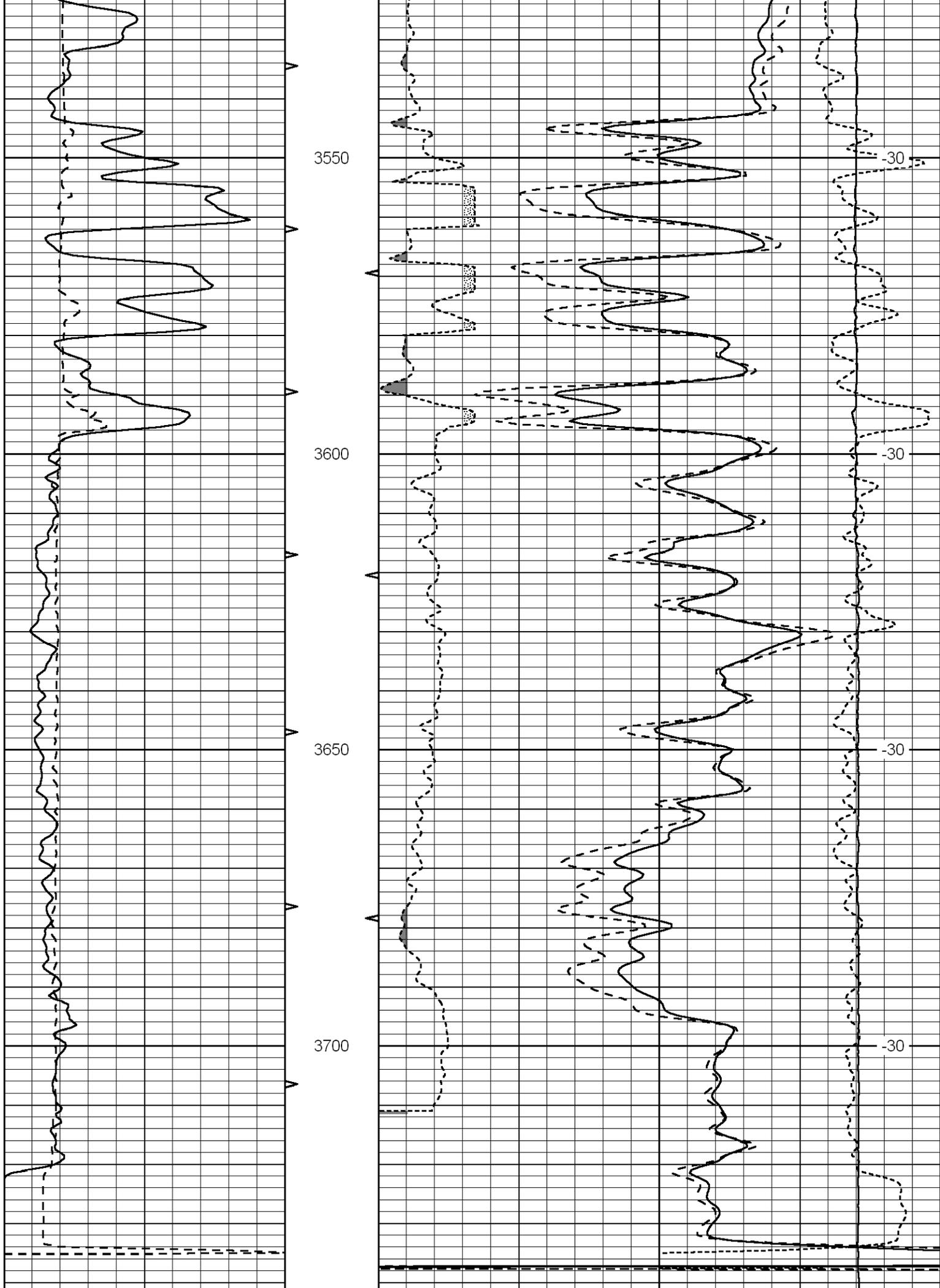
0	Gamma Ray	150
6	Caliper (GAPI)	16

30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
Correction			0.25
LSPD			









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: tdi_willard_1hd.db
 Dataset Pathname: dil/tdisk
 Presentation Format: cndlspec
 Dataset Creation: Sun Sep 04 23:54:45 2011
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	30	CNLS			-10
6	Caliper (GAPI)	16	30	Compensated Density (2.71 ma)			-10
			2.625	DGA	3.425	-0.25	Correction 0.25
			10000	Line Tension			0

