



Pioneer Energy Services

Dual Compensated Porosity Log

API No. 15-051-26,345-00-00	Company TDI, Inc.	Location NE NE SW SE 1,250' FSL & 1,330' FEL	Other Services DIL/MEL
	Well Orville No. 1		Elevation K.B. 2034 D.F. G.L. 2024
	Field Wildcat		
	County Ellis		
	State Kansas		
	Sec: 7	Twp: 15S	Rge: 19W

Permanent Datum	Ground Level	Elevation 2024
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	

Date	8/29/2012
Run Number	One
Type Log	CNL / CDL
Depth Driller	3707
Depth Logger	3706
Bottom Logged Interval	3685
Top Logged Interval	2900
Type Fluid In Hole	Chemical
Salinity, PPM CL	3600
Density	9.1
Level	Full
Max. Rec. Temp. F	113
Operating Rig Time	4 Hours
Equipment -- Location	108 Hays
Recorded By	J. Long
Witnessed By	Tom Denning

Borehole Record		Casing Record				
Run No	Bit From	To	Size	Wgt.	From	To
One	12.25	00	1283	8.625	23#	1283
Two	7.875	1283	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

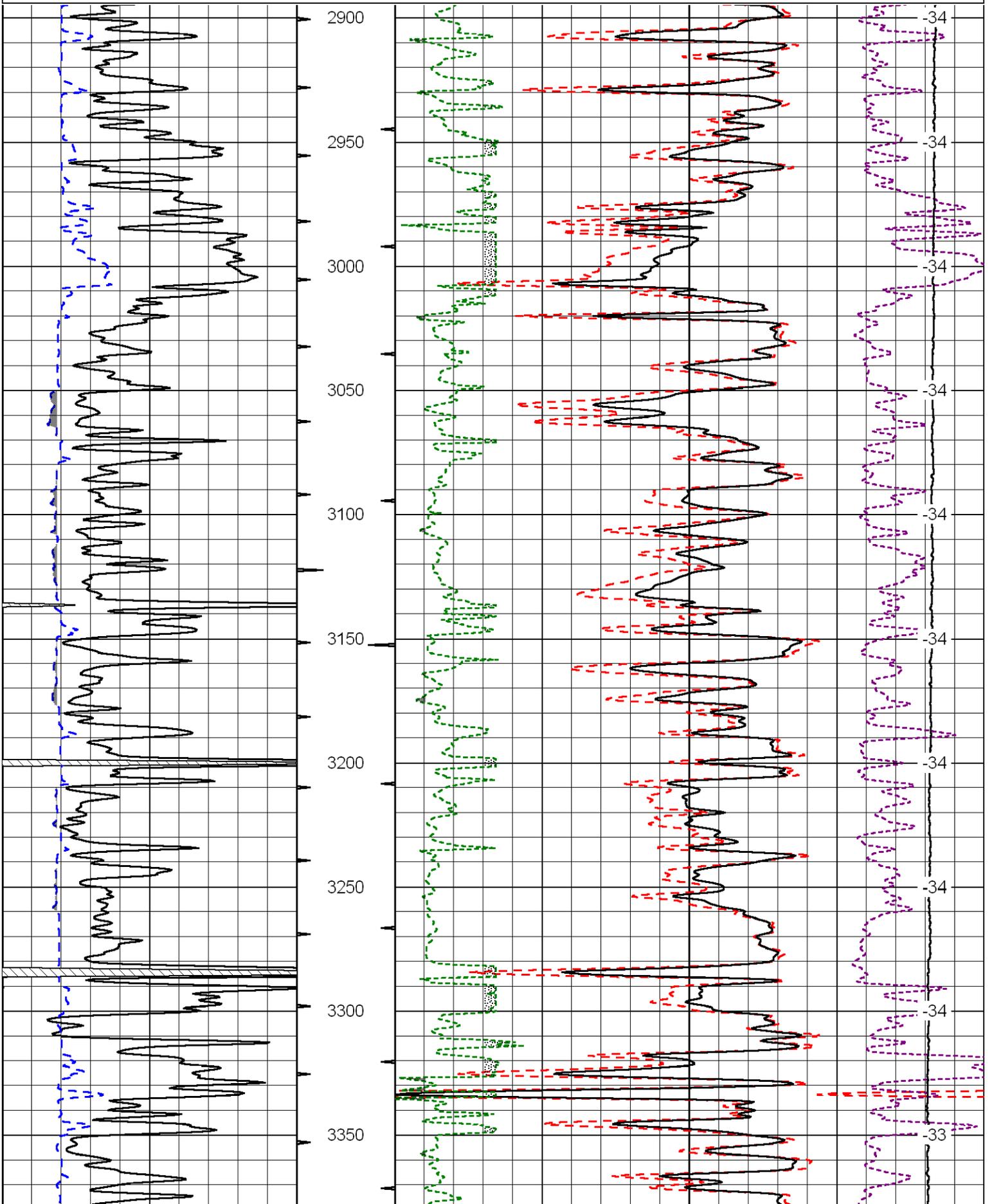
Thank you for using Log-Tech, Inc.
(785) 625-3858

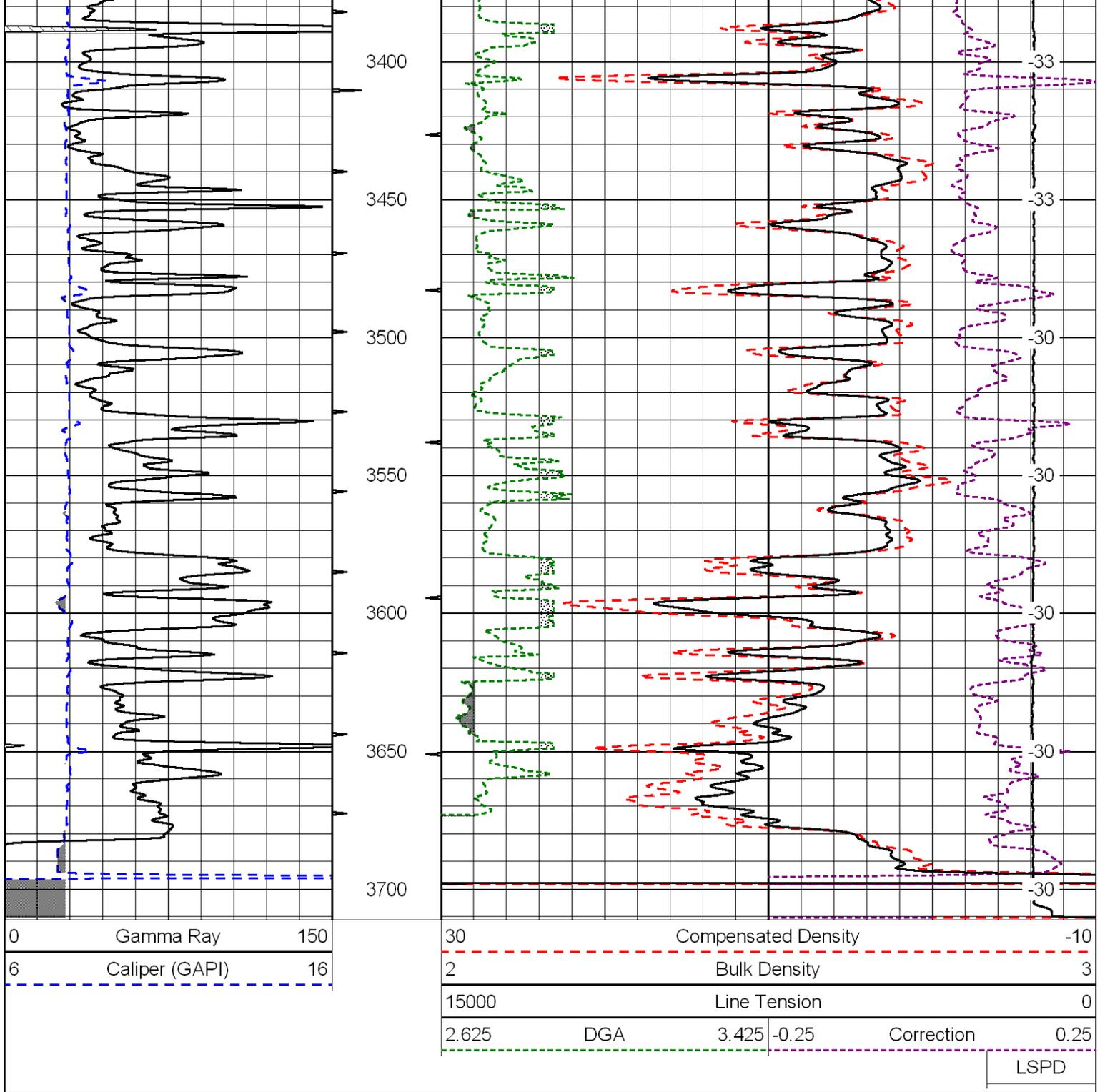
Antonino, 3 West, 2 South, 1 1/4 West, North Into

Database File: tdi_orville_1hd.db
 Dataset Pathname: dil/tdistck
 Presentation Format: cdl
 Dataset Creation: Wed Aug 29 23:37:38 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: tdi_orville_1hd.db
 Dataset Pathname: dil/tdistck
 Presentation Format: cndlspec
 Dataset Creation: Wed Aug 29 23:37:38 2012
 Charted by: Depth in Feet scaled 1:240

