



Pioneer Energy Services

Dual Compensated Porosity Log

15-055-22338-00-00

API No.

Company **American Warrior, Inc.**

Well **Ward # 1-2**

Field **Finney**

County **Finney** State **Kansas**

Location **2014' FSL & 2284' FWL**

Sec: **2** Twp: **25 S** Rge: **31 W**

Permanent Datum **Ground Level** Elevation **2857**
 Log Measured From **Kelly Bushing** 11 Ft. Above Perm. Datum
 Drilling Measured From **Kelly Bushing**

Other Services
 DIL
 MEL
 Elevation
 K.B. 2868
 D.F.
 G.L. 2857

Date	11/24/2014	
Run Number	One	
Type Log	CNL / CDL	
Depth Driller	5050	
Depth Logger	5052	
Bottom Logged Interval	5031	
Top Logged Interval	3950	
Type Fluid In Hole	Chemical	
Salinity, PPM CL	2,600	
Density	9.4	
Level	Full	
Max. Rec. Temp. F	127	
Operating Rig Time	4 Hours	
Equipment -- Location	15 Hays	
Recorded By	Y. Ruiz	
Witnessed By	Kevin Timson	

Run No	Bit	Borehole Record		Casing Record	
		From	To	From	To
1	12.25	00	1710	8.625	24#
2	7.875	1710	5050		

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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.

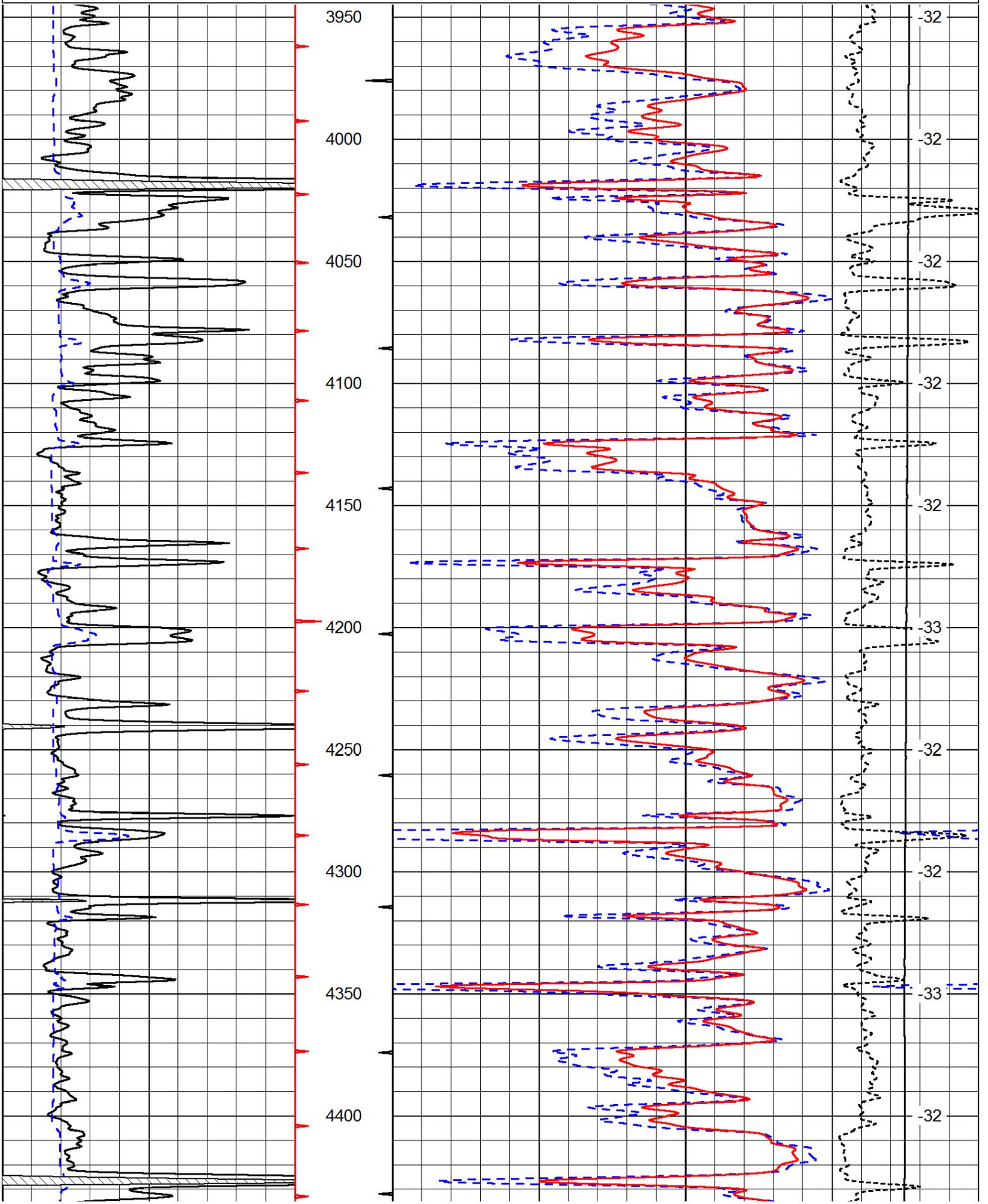
Comments

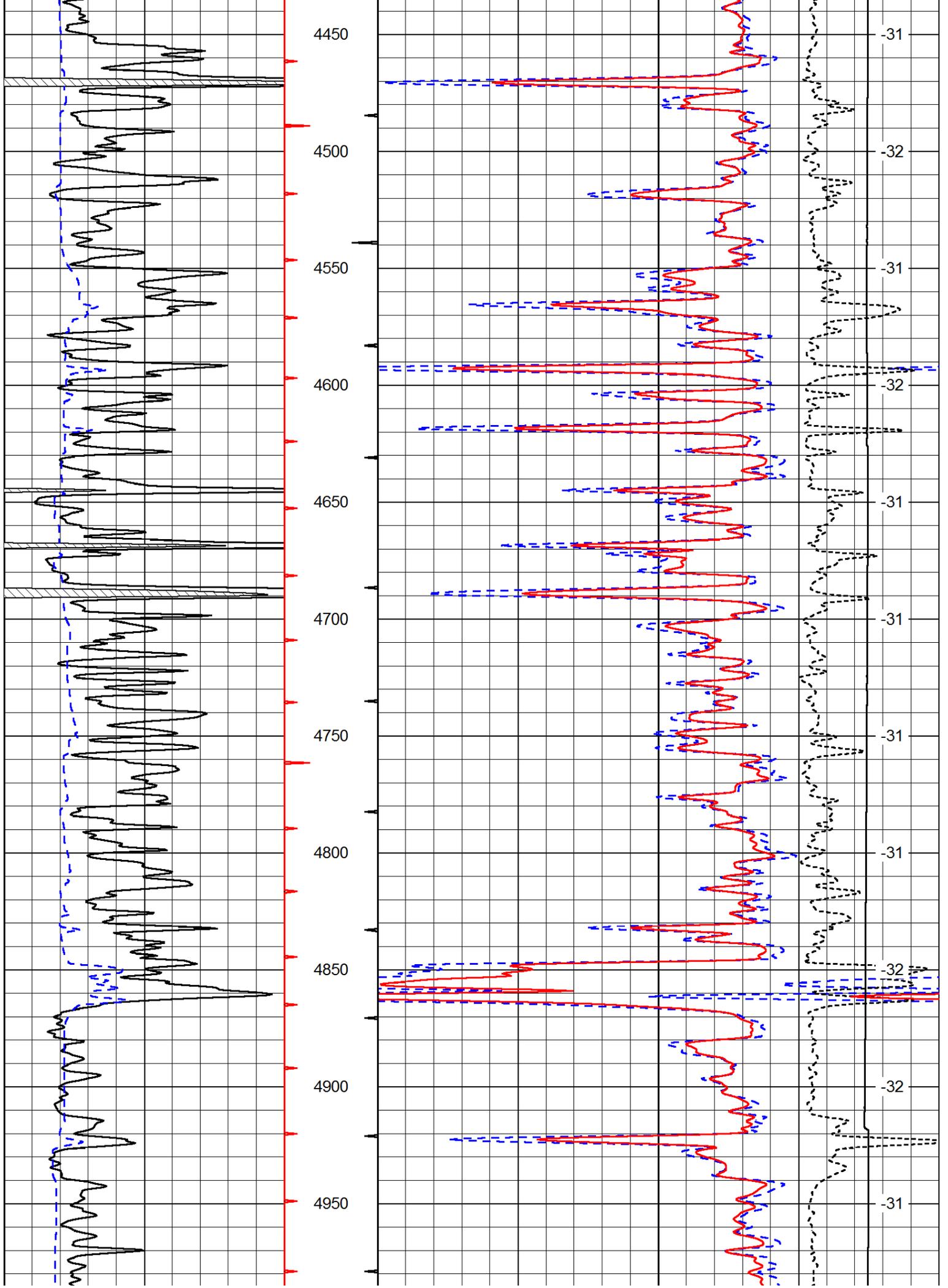
Thank you for using Pioneer Energy Services
 www.pioneeres.com
 785 625 3858
 Garden City,
 Southeast on Hwy 50 to Aerodrome Rd, 7/8 Southeast pass Aerodrome Rd, 1 East,
 South into

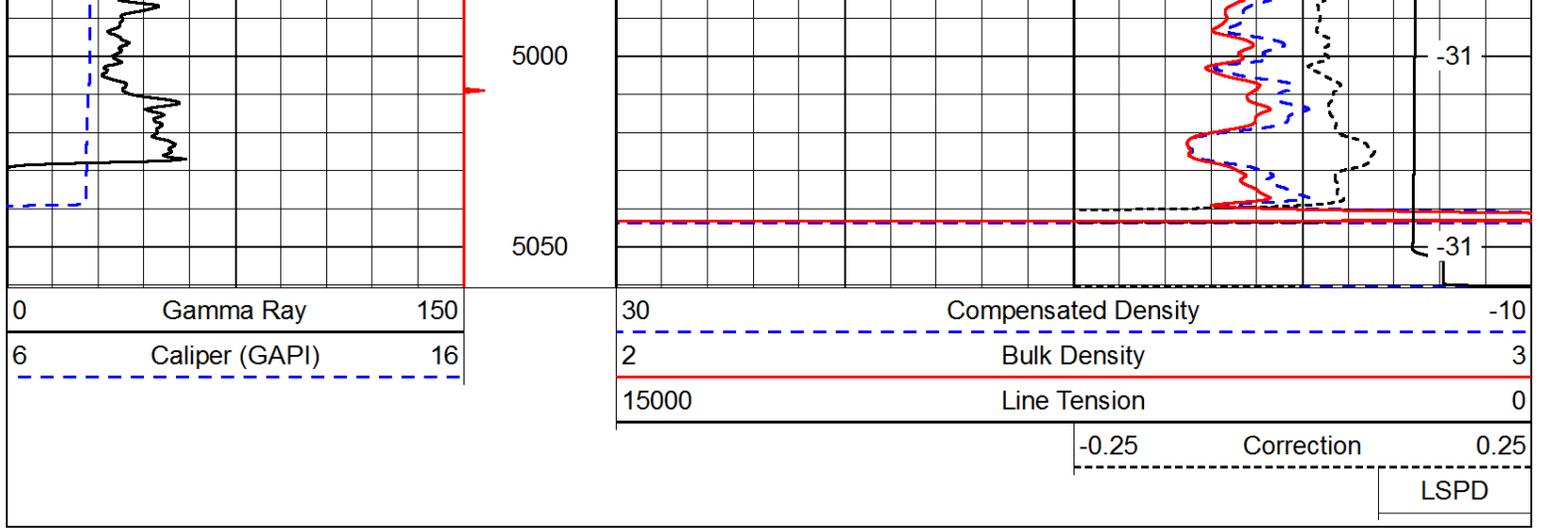
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 Dataset Pathname: DIL/awstk
 Presentation Format: cdl
 Dataset Creation: Mon Nov 24 23:27:23 2014
 Charted by: Depth in Feet scaled 1:600

Gamma Ray	150
Caliper (GAPI)	16

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







Database File: c:\warrior\data\amwar_ward # 1-2\american_warrior_ward_1_2_hd.db
 Dataset Pathname: DIL/awstk
 Presentation Format: cndlspec
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