



Pioneer Energy Services

Dual Compensated Porosity Log

15-155-20255-00-01

API No.

Company **Novy Oil & Gas, Inc.**
 Well **Tonn # 1**
 Field **Zenith - Peace Creek**
 County **Reno** State **Kansas**

Location

990' FSL & 2310' FWL

Other Services
DIL

Sec: 11 Twp: 23 S Rge: 10 W

Permanent Datum Ground Level Elevation 1758
 Log Measured From Kelly Bushing 9 Ft. Above Perm. Datum
 Drilling Measured From Kelly Bushing

Elevation
K.B. 1767
D.F. 1758
G.L. 1758

Date	01/10/2013	
Run Number	One	
Type Log	CNL / CDL	
Depth Driller	3794	
Depth Logger	3787	
Bottom Logged Interval	3766	
Top Logged Interval	3000	
Type Fluid In Hole	Chemical	
Salinity, PPM CL	50,000	
Density Level	9.1	
Level	Full	
Max. Rec. Temp. F	116	
Operating Rig Time	5 Hours	
Equipment -- Location	91 Hays	
Recorded By	D. Schmidt	
Witnessed By	Mike Novy	

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	269	8.625	24#	00	269
2	7.875	269	3794				

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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.

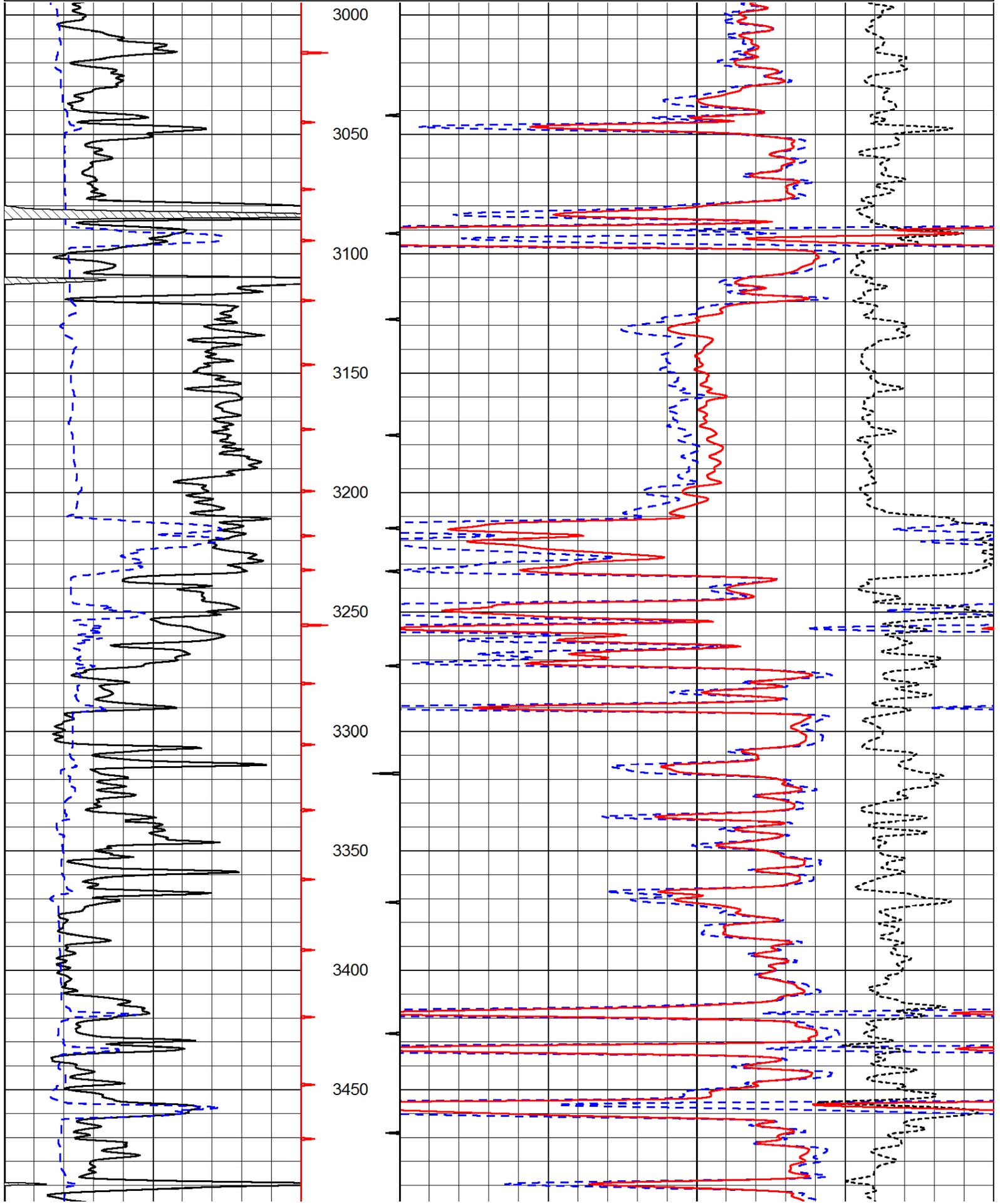
Comments

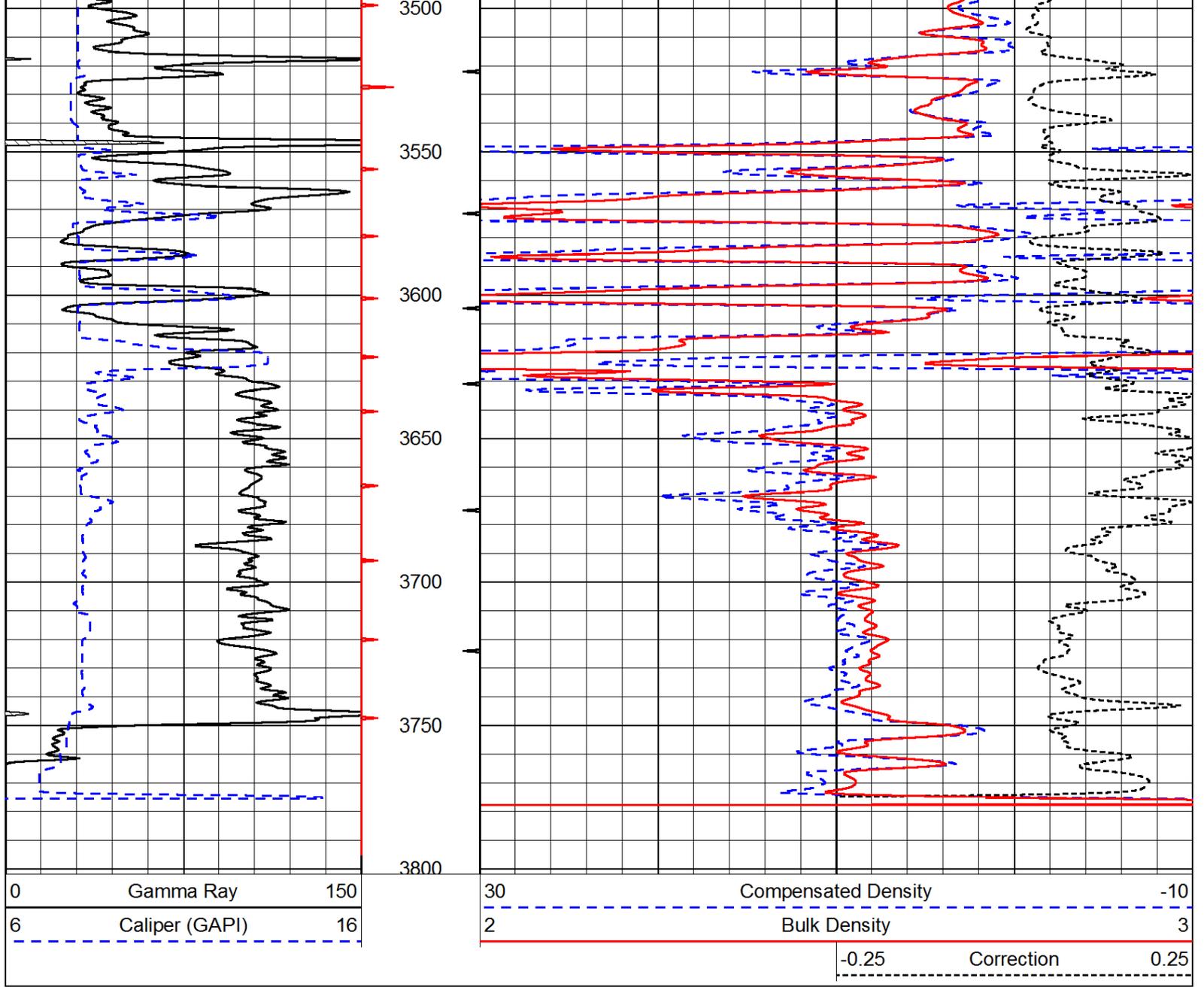
Thank you for using Pioneer Energy Services
 www.pioneerenergy.com
 785 625 3858
 St. John,
 4 North to 4th Street, 19 East to Netherland Rd, 1/4 North,
 East Into

Database File: c:\warrior\data\novy_tonn # 1\novy_011013hd.db
 Dataset Pathname: DIL\nvfinal
 Presentation Format: cdl
 Dataset Creation: Fri Jan 11 17:55:26 2013
 Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
6	Caliper (GAPI)	16

30	Compensated Density	-10
2	Bulk Density	3
	Correction	0.25





Database File: c:\warrior\data\novy_tonn # 1\novy_011013hd.db
 Dataset Pathname: DIL/nvfinal
 Presentation Format: cndspec
 Dataset Creation: Fri Jan 11 17:55:26 2013
 Charted by: Depth in Feet scaled 1:240

