



Pioneer Energy Services

Dual Compensated Porosity Log

API No.

15-179-20,219-00-02

Company Pioneer Oil Company, Inc.

Well Shaw No.1

Field Freda

County Sheridan

State Kansas

Location

1980' FSL & 1980' FEL

Other Services
DIL

Sec: 33

Twp: 8S

Rge: 28W

Elevation

Permanent Datum Ground Level
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

Elevation 2716
K.B. 2721
D.F. 2716
G.L. 2716

Date

12/13/2012

Run Number

One

Type Log

CNL / CDL

Depth Driller

4100

Depth Logger

4066

Bottom Logged Interval

4045

Top Logged Interval

1900

Type Fluid In Hole

Chemical

Salinity, PPM CL

17,100

Density

8.7

Level

Full

Max. Rec. Temp. F

117

Operating Rig Time

5 Hours

Equipment -- Location

15 Days

Recorded By

D Kerr

Witnessed By

Rick Popp

Borehole Record

Casing Record

Run No.

Bit

From

To

Size

Wgt.

From

To

1

12.25

00

208

8.625

24#

00

208

2

7.875

208

4100

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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.

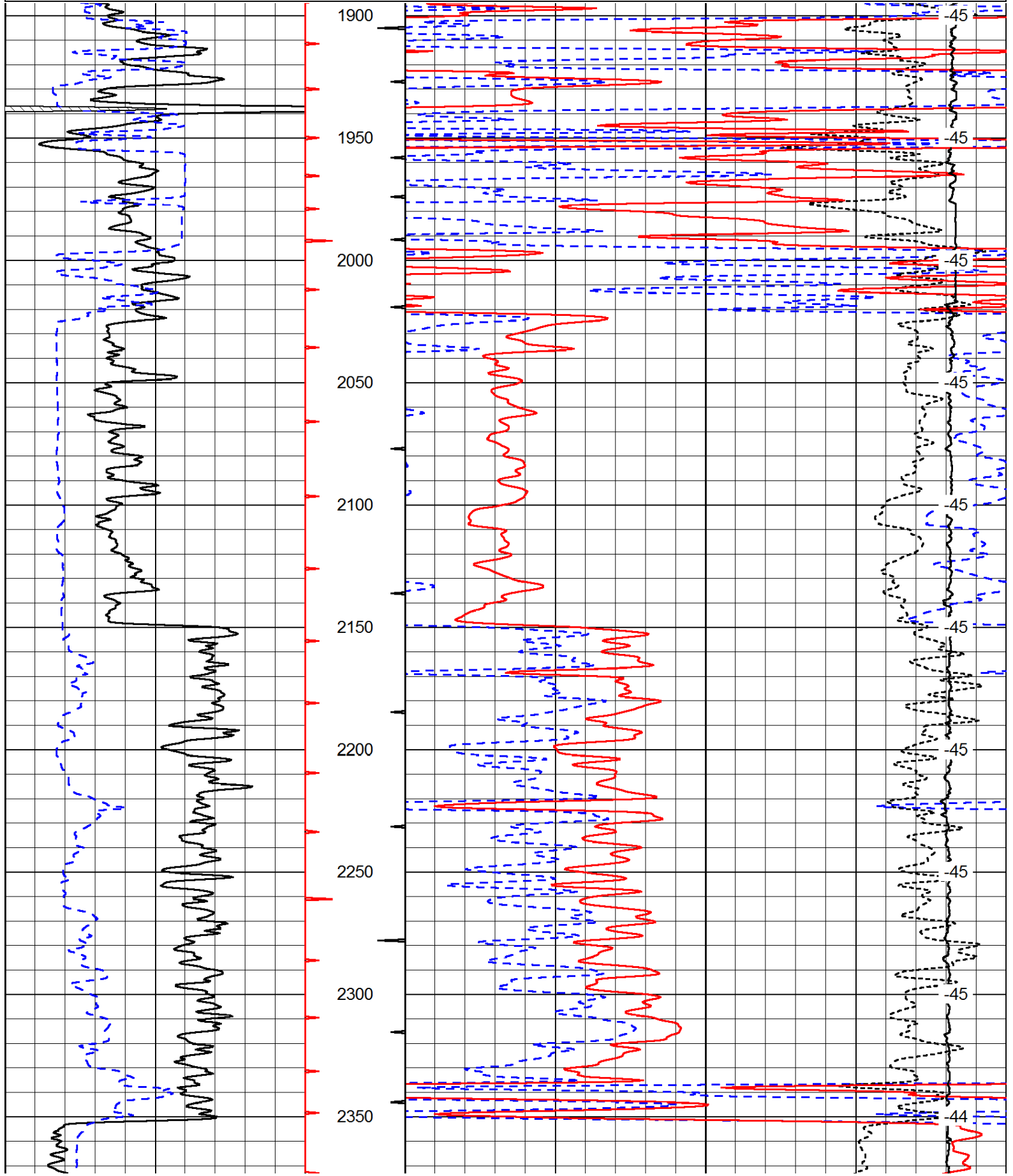
Comments

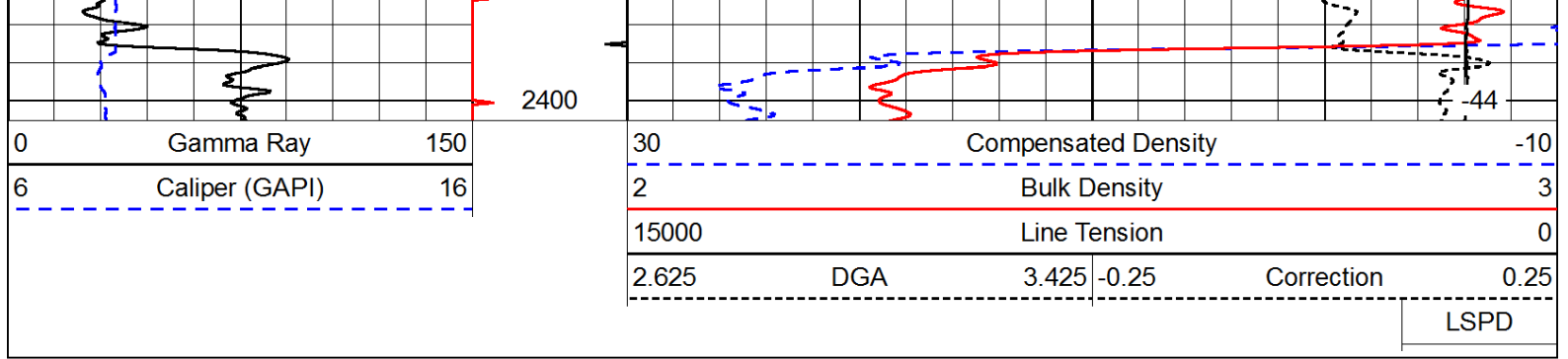
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

Hoxie KS, 3 South to 40 RD,
1/10 West, North Into

Database File: c:\warrior\data\pioneer oil co_shaw #1\pioneeroil_shaw_1hd.db
Dataset Pathname: DIL\pionstk
Presentation Format: cdl
Dataset Creation: Thu Dec 13 19:59:51 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		





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