



PIONEER

Pioneer Energy Services

Dual Compensated Porosity Log

API No.

15-167-24,006-00-00

Company John O Farmer, Inc.

Well Leas #1

Field Gorham

County Russell

State Kansas

Location

375' FNL & 2160' FWL

Other Services

DIL
MEL

Sec: 33

Twp: 13s

Rge: 15w

Elevation

Permanent Datum

Ground Level

Elevation 1909

Log Measured From

Kelly Bushing

8 Ft. Above Perm. Datum

Drilling Measured From

Kelly Bushing

Date

10/6/2014

Run Number

One

Type Log

CNL / CDL

Depth Driller

3410

Depth Logger

3410

Bottom Logged Interval

3389

Top Logged Interval

2750

Type Fluid In Hole

Chemical

Salinity, PPM CL

3800

Density

9.4

Level

Full

Max. Rec. Temp. F

110

Operating Rig Time

4 Hours

Equipment -- Location

108 Hays

Recorded By

D. Fischer

Witnessed By

Austin Klaus

Borehole Record

Casing Record

Run No

Bit

From

To

Size

Wgt.

24#

From

To

1

12.25

00

515

8.625

24#

00

515

<<< Fold Here >>>

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

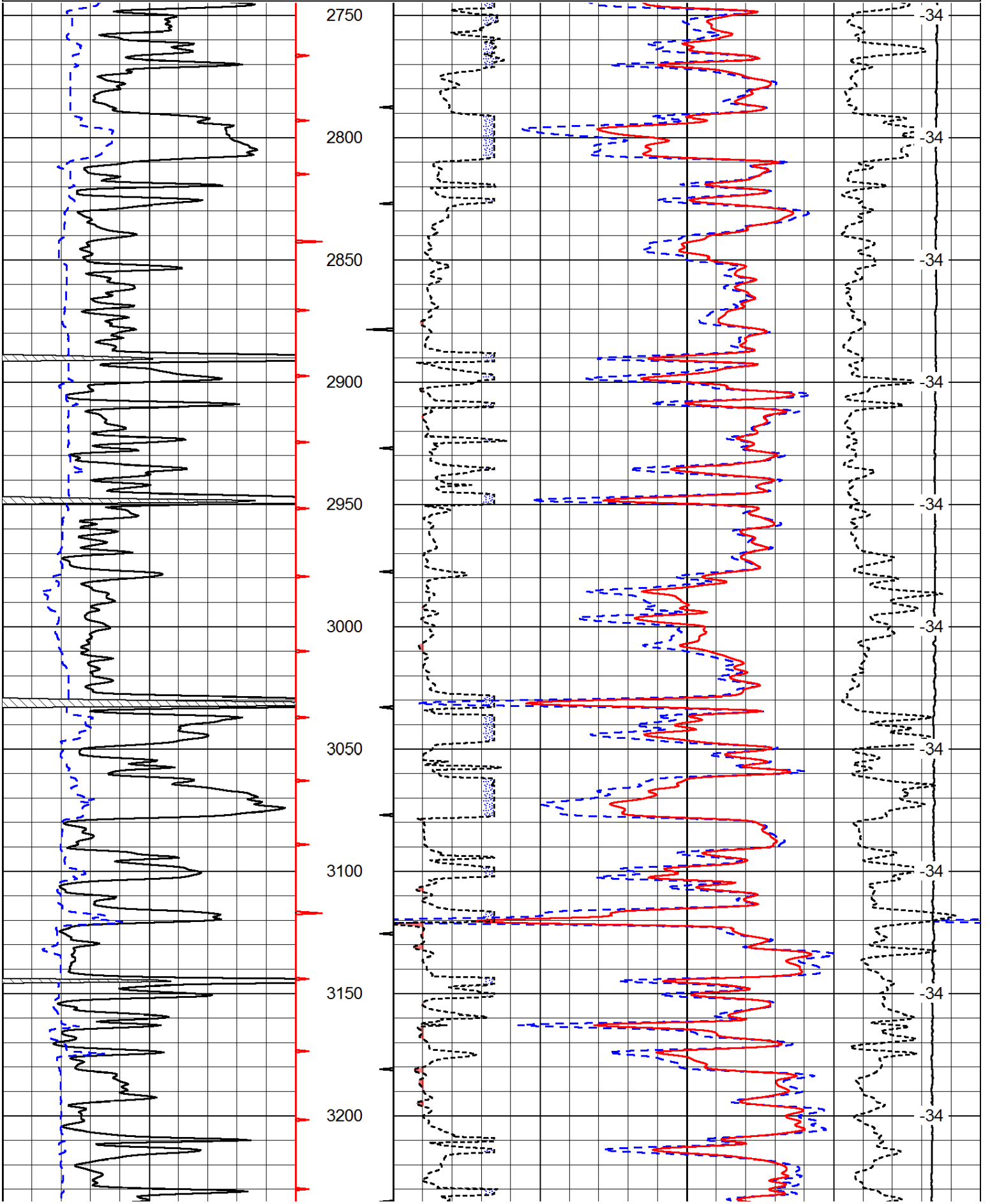
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

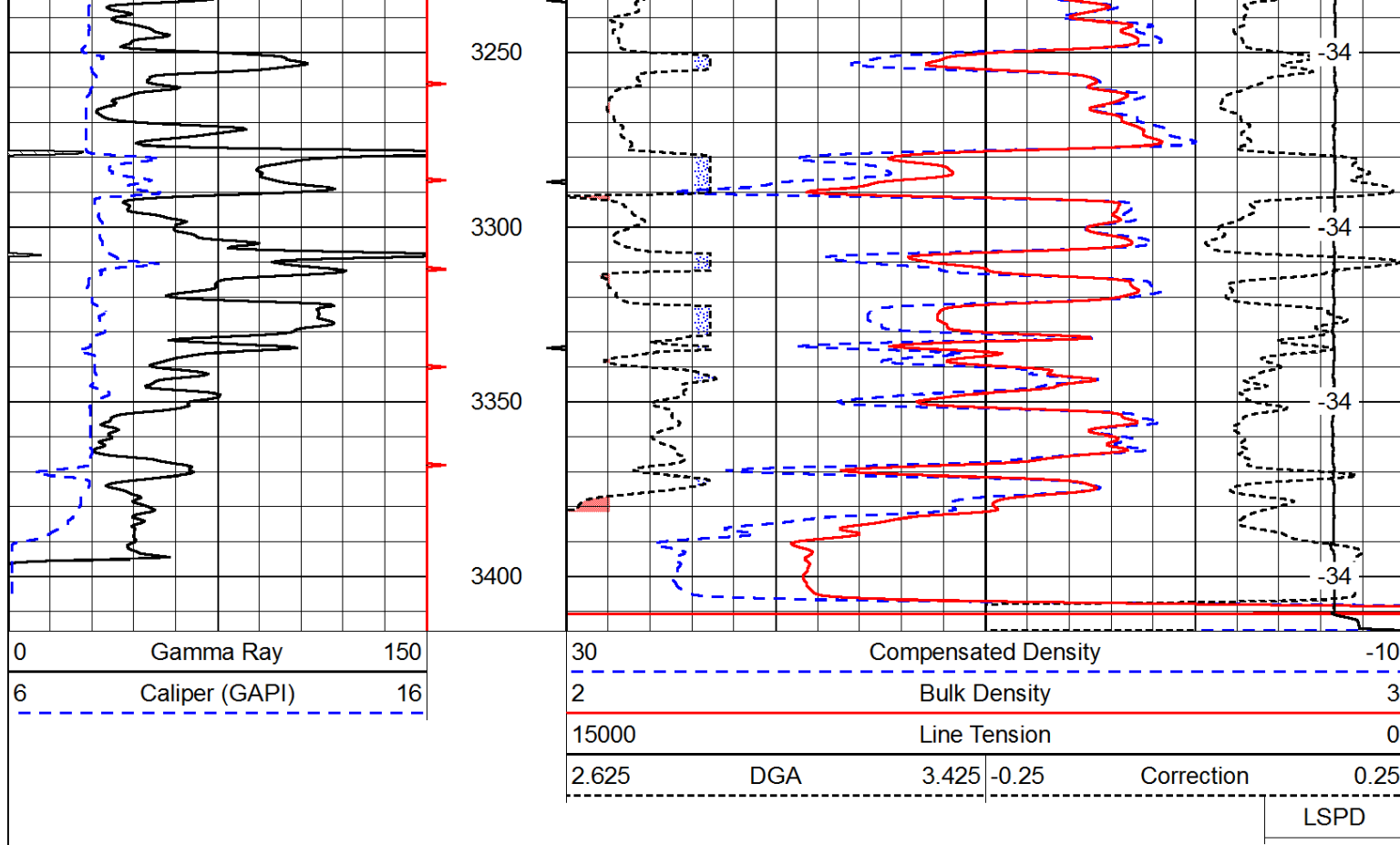
Gorham Ks., 1 1/4 East on Old 40 Hwy., South Into.

Database File: c:\warrior\data\farmer_leas #1\john_o_farmer_leas_1hd.db
Dataset Pathname: DIL\jofstck2
Presentation Format: cdl
Dataset Creation: Mon Oct 06 06:15:35 2014
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: c:\warrior\data\farmer_leas #1\john_o_farmer_leas_1hd.db
Dataset Pathname: DIL/jofstck2
Presentation Format: cndlspec
Dataset Creation: Mon Oct 06 06:15:35 2014
Charted by: Depth in Feet scaled 1:240

