



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-115-21,485-00-00

Company C&J Production, LLC

Well Buzenitz #1

Field Unger

County Marion

State Kansas

Location

1,980' FSL & 2,310' FEL

Sec: 18

Twp: 21 S

Rge: 3 E

Other Services
DIL
MEL

Elevation

Permanent Datum Ground Level Elevation 1455
Log Measured From Ground Level 0 Ft. Above Perm. Datum
Drilling Measured From Ground Level

K.B.
D.F.
G.L. 1455

Date

9/17/2014

Run Number

One

Type Log

CNL / CDL

Depth Driller

2899

Depth Logger

2899

Bottom Logged Interval

2878

Top Logged Interval

2000

Type Fluid In Hole

Chemical

Salinity, PPM CL

1300

Density

9.3

Level

Full

Max. Rec. Temp. F

105

Operating Rig Time

3 1/2 Hours

Equipment -- Location

108 Hays

Recorded By

J. Long

Witnessed By

Doug Davis

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

2899

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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.

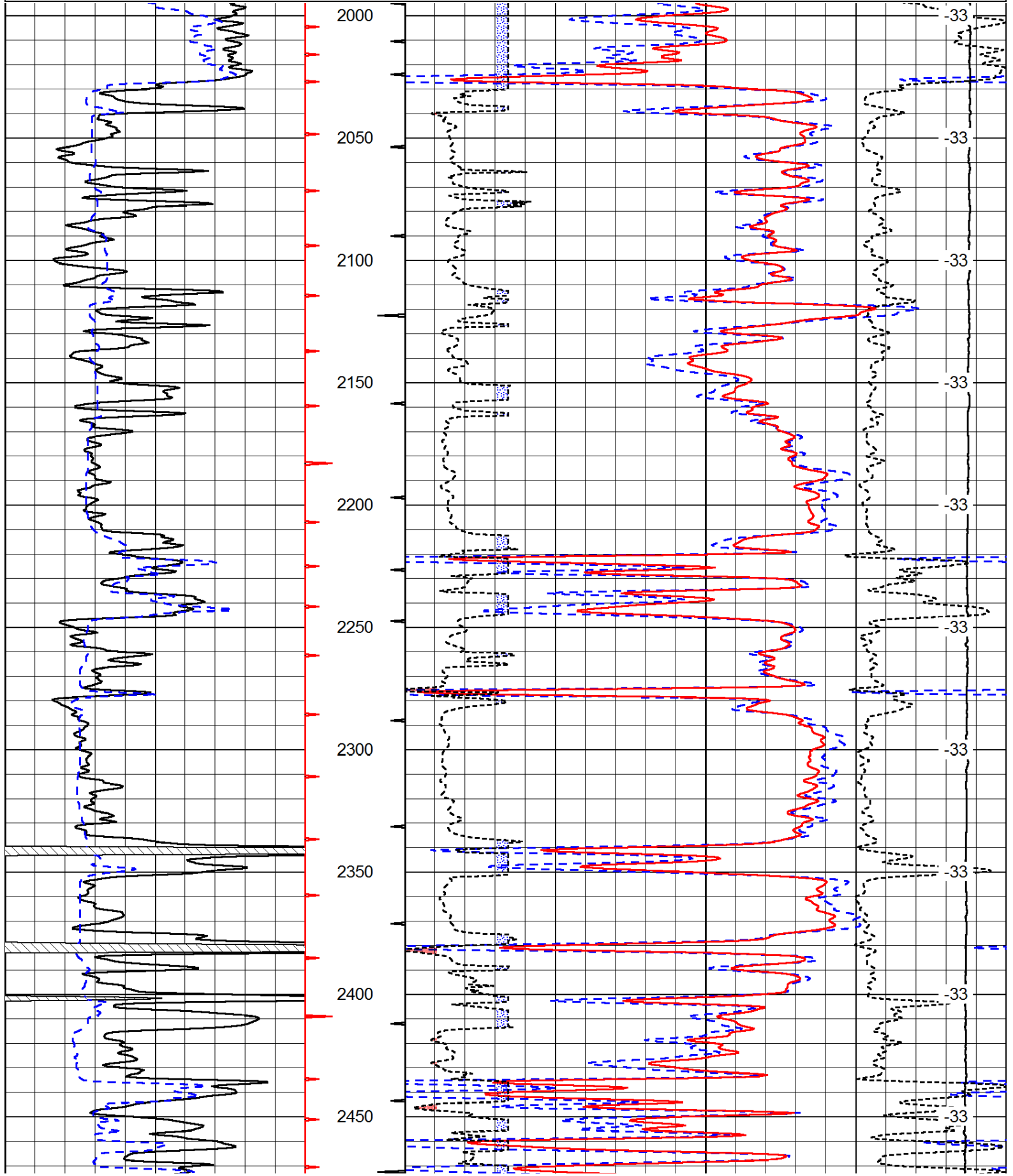
Comments

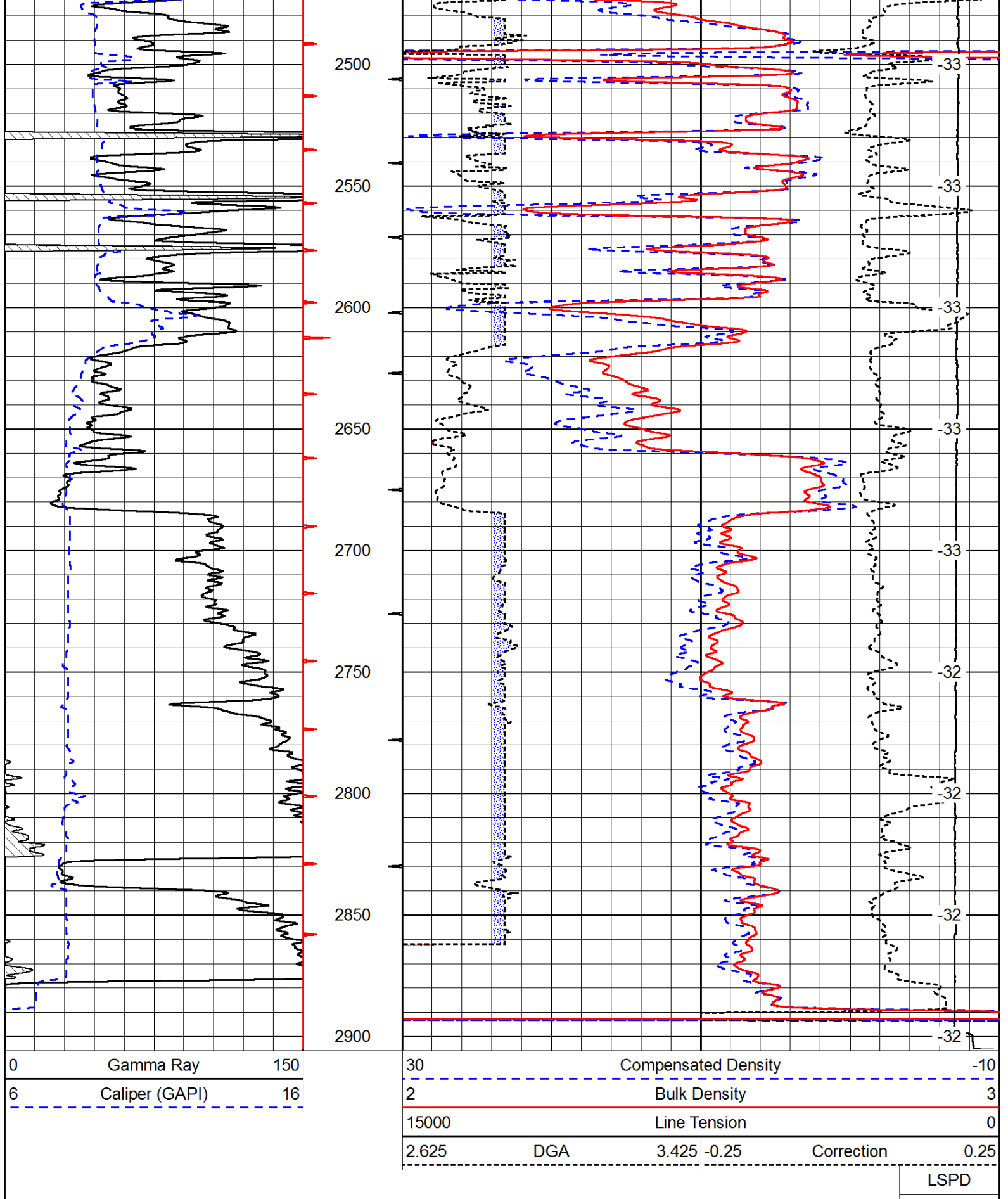
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

Hillsboro, 5 East to Nighthawk Road, 8 South to 110 Road, 1 West,
1/2 South, West Into

Database File: c:\warrior\data\c&j production_buzenitz # 1\c&j_buzenitz_1hd.db
Dataset Pathname: dil/cjstck
Presentation Format: cdl
Dataset Creation: Wed Sep 17 00:18:50 2014
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		





Database File: c:\warrior\data\c&j production_buzenitz # 1\c&j_buzenitz_1hd.db
Dataset Pathname: dil/cjstck
Presentation Format: cndlspec
Dataset Creation: Wed Sep 17 00:18:50 2014
Charted by: Depth in Feet scaled 1:240

Entered by: _____ Depth: 6666.0000 11.2.19

0	Gamma Ray	150	30	Compensated Neutron (Limestone)		-10
6	Caliper (GAPI)	16	30	Compensated Density (Limestone)		-10
			2.625	DGA	3.425	-0.25
			Correction		0.25	
			15000	Line Tension		0
						LSPD

