



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-053-21,306-00-00

Company **Castle Resources, Inc.**

Well **Mehl #1**

Field **Stoltenberg**

County **Ellsworth**

State **Kansas**

Location

**E2-SE-SW-NW
2310' FNL & 1200' FWL**

Other Services
DIL
MEL

Sec: 18

Twp: 17S

Rge: 9W

Elevation

Permanent Datum
Log Measured From
Drilling Measured From

Ground Level
Kelly Bushing
Kelly Bushing

Elevation 1796
5 Ft. Above Perm. Datum

K.B. 1801
D.F.
G.L. 1796

Date

3/3/2014

Run Number

One

Type Log

CNL / CDL

Depth Driller

3351

Depth Logger

3344

Bottom Logged Interval

3323

Top Logged Interval

2400

Type Fluid In Hole

Chemical

Salinity, PPM CL

12,000

Density

9.2

Level

Full

Max. Rec. Temp. F

110

Operating Rig Time

4 Hours

Equipment -- Location

15 Hays

Recorded By

J. Henrickson

Witnessed By

Jerry Green

Borehole Record

Casing Record

Run No.

Bit

From

To

Size

Wgt.

From

To

1

12.25

00

303

8.625

24#

00

303

2

7.875

303

3351

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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

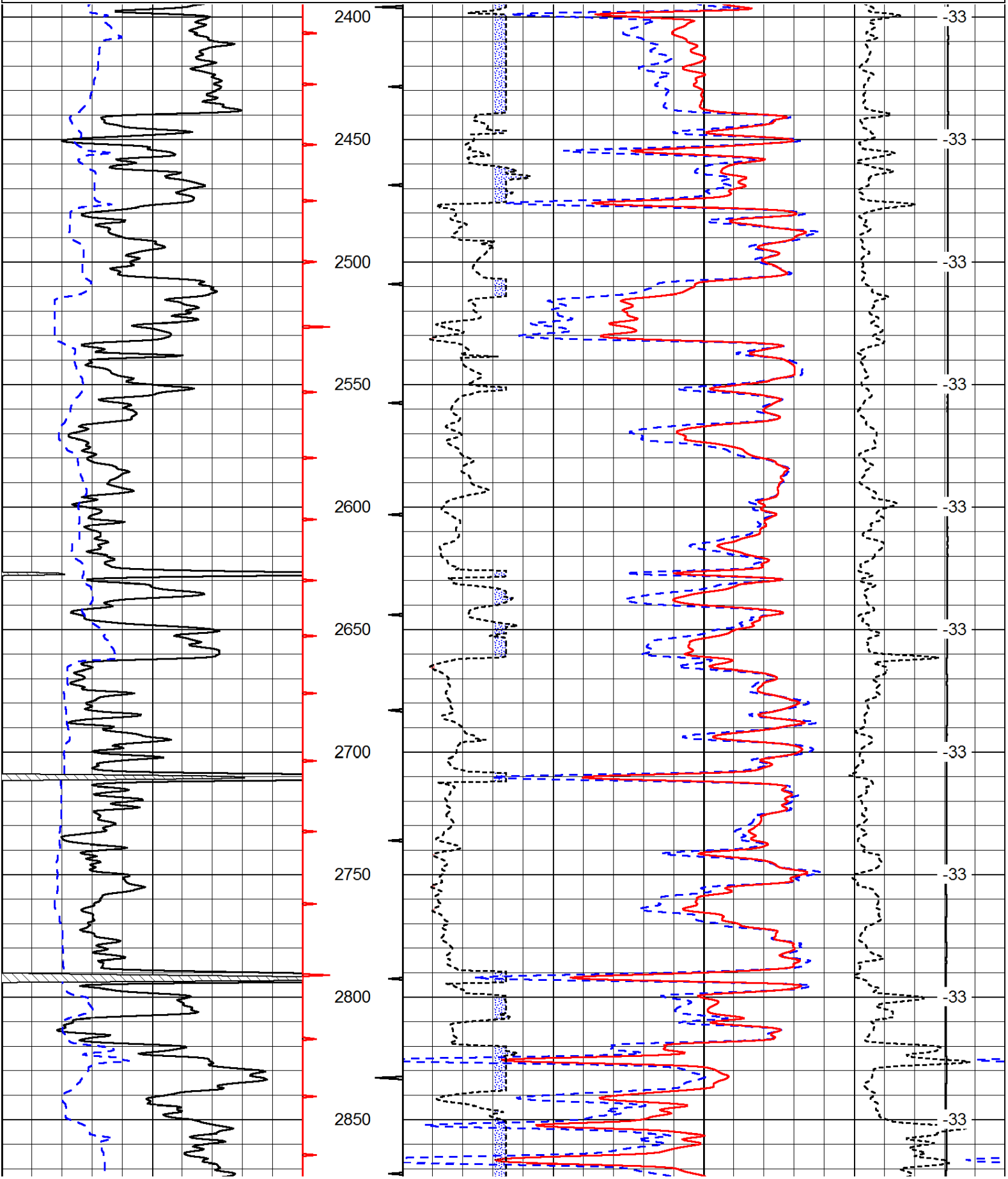
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

Bushton Kansas
2 East, 4 North, East Into

Database File: c:\warrior\data\castle_mehl #1\castle_mehl_1hd.db
Dataset Pathname: DIL/casstk
Presentation Format: cdl
Dataset Creation: Mon Mar 03 22:50:56 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\castle_mehl #1\castle_mehl_1hd.db
Dataset Pathname: DIL/casstk
Presentation Format: cndlspec
Dataset Creation: Mon Mar 03 22:50:56 2014
Charted by: Depth in Feet scaled 1:240

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

