



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-135-25,629-00-00

Company **Cobalt Energy, LLC**
Well **VonLehe "A" No. 1-27**
Field **Wildcat**
County **Ness** State **Kansas**

Location

SW-NW-SE-NE
1885' FNL & 1030' FEL

Other Services
DIL

Sec: 27

Twp: 18S

Rge: 24W

Elevation

Permanent Datum Ground Level Elevation 2261
Log Measured From Kelly Bushing 12 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 2273
D.F.
G.L. 2261

Date

7/13/2013

Run Number

One

Type Log

CNL / CDL

Depth Driller

4400

Depth Logger

4404

Bottom Logged Interval

4383

Top Logged Interval

3300

Type Fluid In Hole

Chemical

Salinity, PPM CL

6,400

Density

9.5

Level

Full

Max. Rec. Temp. F

120

Operating Rig Time

3 Hours

Equipment -- Location

15 Hays

Recorded By

J. Henrickson

Witnessed By

D. Kerr

Witnessed By

Larry Nicholson

Borehole Record

Casing Record

Run No.

Bit

From

To

Size

Wgt.

From

To

1

12.25

00

267

8.625

24#

00

267

2

7.875

267

4400

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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

Ness City Kansas
3 West, 1/2 North, West Into

Database File: c:\warrior\data\cobalt_vonlehe 'a' #1-27\cobalt_vonlehe_a_1_27hd.db
Dataset Pathname: DIL\cobstk
Presentation Format: cdl
Dataset Creation: Sat Jul 13 09:25:59 2013
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			













