



PIONEER

Pioneer Energy Services

Dual Compensated Porosity Log

API No.

15-055-22,370-00-00

Company American Warrior, Inc.

Well O'Brate-Finney #3-5

Field Unknown

County Finney

State Kansas

Location

2178' FSL & 2165' FWL

Other Services

DIL
MEL

Sec: 5

Twp: 23S

Rge: 32W

Elevation

K.B. 2859

D.F. 2848

Elevation 2848

11 Ft. Above Perm. Datum

Kelly Bushing

Kelly Bushing

Date

1/7/2015

Run Number

One

Type Log

CNL / CDL

Depth Driller

4900

Depth Logger

4899

Bottom Logged Interval

4878

Top Logged Interval

3750

Type Fluid In Hole

Chemical

Salinity, PPM CL

5600

Density

9.5

Level

Full

Max. Rec. Temp. F

125

Operating Rig Time

4 1/2 Hours

Equipment -- Location

15 Hays

Recorded By

D.Kerr

Witnessed By

Kevin Timson

Borehole Record

Casing Record

Run No

Bit

From

To

Size

Wgt.

From

To

1

12.25

00

1638

8.625

24#

00

1638

2

7.875

1638

4900

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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

Garden City KS, 5 North to 6 Mile RD,
1 East, 1 North, East Into

Database File: c:\warrior\data\amwar_o'brate-finney #3-5\amwarrior_obratefinney_3_5hd.db
Dataset Pathname: DIL\awstk
Presentation Format: cdl
Dataset Creation: Wed Jan 07 13:25:15 2015
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
	-0.25	Correction	0.25
			LSPD















