



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-147-20,714-00-00

Company **Bach Oil Production**
Well **JK Unit # 2**
Field **Woodruff**
County **Phillips** State **Kansas**

Location **NW-NE-NW-NW
115' FNL & 700' FWL**
Sec: **13** Twp: **1S** Rge: **19W**

Other Services
DIL
MEL

Permanent Datum **Ground Level** Elevation **2088**
Log Measured From **Kelly Bushing** 5 Ft. Above Perm. Datum
Drilling Measured From **Kelly Bushing**

Elevation
K.B. 2093
D.F.
G.L. 2088

Date

8/9/2013

Run Number

One

Type Log

CNL / CDL

Depth Driller

3580

Depth Logger

3578

Bottom Logged Interval

3557

Top Logged Interval

2950

Type Fluid In Hole

Chemical

Salinity, PPM CL

800

Density

9.2

Level

Full

Max. Rec. Temp. F

112

Operating Rig Time

3 1/2 Hours

Equipment -- Location

15 Hays

Recorded By

J. Henrickson

Witnessed By

Bob Peterson

Borehole Record

Casing Record

Run No.

Bit

From

To

Size

Wgt.

From

To

1

12.25

00

222

8.625

24#

00

222

2

7.875

222

3580

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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

Phillipsburg Kansas
North to HWY 183 & 83 Jct. West to 500 RD, 1 1/2 South, East Into

Database File: c:\warrior\data\bach_jk unit # 2\bach_jkunit_2hd.db
Dataset Pathname: DIL\bachstk
Presentation Format: cdl
Dataset Creation: Fri Aug 09 14:42:40 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			









