



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-009-25863-00-00

Company K&N Petroleum, Inc.

Well Betty Mae #1

Field Klepper

County Barton

State Kansas

Location 943' FSL & 1875' FEL

Sec: 3

Twp: 19 S

Rge: 11 W

Other Services
DIL
MEI/BHCS

Permanent Datum Ground Level Elevation 1780
Log Measured From Kelly Bushing 7 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 1787
D.F.
G.L. 1780

Date 08-17-2013

Run Number One

Type Log CNL / CDL

Depth Driller 3460

Depth Logger 3460

Bottom Logged Interval 3439

Top Logged Interval 2800

Type Fluid In Hole Chemical

Salinity, PPM CL 7000

Density 9.3

Level Full

Max. Rec. Temp. F 113

Operating Rig Time 4 Hours

Equipment -- Location 91 Hays

Recorded By Y. Ruiz

Witnessed By Wyatt Urban

Borehole Record

Casing Record

Run No.

Bit

From

To

Size

Wgt.
23#

From

To

One 12.25

00

390

8.625

23#

00

390

TD

7.875

390

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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 Log-Tech, Inc.
(785) 625-3858

Ellinwood,
4 1/2 North, 3 1/2 East,
North into

Database File: k&n081713hd.db
Dataset Pathname: dil/knstck
Presentation Format: cdl
Dataset Creation: Sat Aug 17 23:11:04 2013
Charted by: Depth in Feet scaled 1:600

Charted by: _____ Depth in Feet scaled 1:600					
0	Gamma Ray (GAPI)	150	30	Compensated Density (pu)	-10
6	Caliper (in)	16	2	Bulk Density (g/cc)	3
			15000	Line Tension (lb)	0
			2.625	DGA (g/cc)	3.425
			-0.25	Correction (g/cc)	0.25
			LSPD		
			(ft/min)		









