



Borehole Compensated Sonic Log

Pioneer Energy Services

API No.

15-185-23,885-00-00

Company H&D Exploration, LLC

Well Kirkpatrick No. 1

Field Halley East

County Stafford

State Kansas

Location

N2-SE-NE-SE
1722' FSL & 330' FEL

Sec: 34

Twp: 24S

Rge: 13W

Other Services
CNL/CDL
MEL/DIL

Permanent Datum Ground Level Elevation 1923
Log Measured From Kelly Bushing 9 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 1932
D.F.
G.L. 1923

Date

8/27/14

Run Number

Two

Type Log

BHC Sonic

Depth Driller

4258

Depth Logger

4258

Bottom Logged Interval

4247

Top Logged Interval

750

Type Fluid In Hole

Chemical

Salinity, PPM CL

7,500

Density

9.7

Level

Full

Max. Rec. Temp. F

119

Operating Rig Time

4 Hours

Equipment -- Location

91 Hays

Recorded By

J. Henrickson

Witnessed By

Josh Austin

Borehole Record

Casing Record

Run No

Bit

From

To

Size

Wgt.

From

To

One

12.25

00

768

8.625

23#

00

768

Two

7.875

768

TD

<<< Fold Here >>>

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

St. John Kansas
South to 30 Rd, 1 East, 1/4 North, West Into

Database File: hd_kirkpatrick_1hd.db

Dataset Pathname: DIL/hdstk

Presentation Format: sonic

Dataset Creation: Wed Aug 27 12:35:56 2014

Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	Sonic Int	140	Delta Time (usec/ft)	40
150	Gamma Ray	300	5	0	Sonic Porosity	-10
6	dCAL (GAPI)	16		15000	LTEN (lb)	0
						LSPD

































