



Pioneer Energy Services

Borehole Compensated Sonic Log

API No.

15-053-21288-00-00

Company LB Exploration, Inc.

Well Lucky 7 #1

Field Stollenberg

County Ellsworth

State Kansas

Location 1320' FSL & 1590' FWL

Other Services
CNL/CDL
MEL/DIL

Sec: 7 Twp: 16 S Rge: 10 W

Permanent Datum Ground Level Elevation 1882
Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 1895
D.F. 1882
G.L. 1882

Date 08-13-2013

Run Number Two

Type Log BHC Sonic

Depth Driller 3533

Depth Logger 3533

Bottom Logged Interval 3522

Top Logged Interval 700

Type Fluid In Hole Chemical

Salinity, PPM CL 4000

Density 9.1

Level Full

Max. Rec. Temp. F 113

Operating Rig Time 4 Hours

Equipment -- Location 91 Hays

Recorded By Y. Ruiz

Witnessed By D.Schmidt

Witnessed By Steven Peterman

Borehole Record

Casing Record

Run No. Bit From To Size Wgt. From To

One 12.25 00 730 8.625 23# 00 730

Two 7.875 730 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

Wilson,
10 3/4 South,
East into

Database File: lb081313hd.db
Dataset Pathname: dil/lbstk
Presentation Format: sonic
Dataset Creation: Tue Aug 13 14:16:49 2013
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)	40
150	Gamma Ray (GAPI)	300	5 (msec) 0	30	Sonic Porosity (pu)	-10
6	dCAL (in)	16		15000	LTEN (lb) (lb)	0
						LSPD (ft/min)



























