



Pioneer Energy Services

Dual Compensated Potosity Log

Company: Larson Engineering, Inc.
 Well: Louise #1-20
 Field: Wildcat
 County: Lane
 Location: NW SW SE NW
 State: Kansas

Sec: 20
 Twp: 18S
 Rge: 28W
 Elevation: 2755
 Other Services: DIL, MEL

Permanent Datum: Kelly Bushing
 Log Measured From: Kelly Bushing
 Date: 3/3/2014
 Run Number: One
 Type Log: OIL/OIL
 Depth Diller: 4860

Bottom Logged Interval: 4850-4860
 Log Length (Feet): 3850
 Type Log: OIL/OIL

Level Density: 9.2
 Max. Rec. Temp. F: 123
 Operating Rig Time: 4 Hours
 Equipment -- Location: 108 Hays
 Recorded By: J Long
 Witnessed By: Vern Schrag
 Run No. Bit From To Size Wgt Casing Record
 1 12/25 00 284 8.625 24# 00
 2 7/875 264 4860 8.625 24# 00

All interpretations are opinions based on electrical and 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.pioneerenergy.com
 785 625 3858

Dighton, 1 East to Longhorn Road, 1/2 South, East Into

Database File: c:\warrior\data\laron_louise #1-20\laron_louise_1-20hd.db
 Dataset Pathname: dli\larsstck
 Presentation Format: cdi
 Dataset Creation: Mon Mar 03 22:11:25 2014
 Charted by: Depth in Feet scaled 1.600

