



Pioneer Energy Services

Borehole Compensated Sonic Log

API No. 15-063-22,169-00-00

Company **Black Tea Oil, LLC**
 Well **Krebs "Q" No. 1**
 Field
 County **Gove** State **Kansas**

Location **NW SW SE SW
640' FSL & 1,330' FWL**

Sec: 30 Twp: 14S Rge: 31W

Other Services
CNL/CDL
MEL/DIL

Permanent Datum Ground Level Elevation 2697
 Log Measured From Kelly Bushing 9 Ft. Above Perm. Datum
 Drilling Measured From Kelly Bushing

K.B. 2706
 D.F. G.L. 2697

Date	2/10/2014
Run Number	Two
Type Log	BHC Sonic
Depth Driller	4460
Depth Logger	4446
Bottom Logged Interval	4435
Top Logged Interval	250
Type Fluid In Hole	Chemical
Salinity, PPM CL	20000
Density	9.5
Level	Full
Max. Rec. Temp. F	121
Operating Rig Time	4 1/2 Hours
Equipment -- Location	108 Hays
Recorded By	J. Long
Witnessed By	Big Rich
	Chris Leiker

Borehole Record		Casing Record	
Run No.	Bit From To	Size	Wgt. From To
One	12.25 00	8.625	23# 00
Two	7.875 260	TD	260

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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

Oakley, South to Jayhawk Road, 2 South, East through double gates, 2 1/4 East through 2 cattle guards and past tank batteries, 1/3 North, East Into

Database File: blacktea_krebs_q_1hd.db
 Dataset Pathname: dil/blckstck
 Presentation Format: sonic
 Dataset Creation: Mon Feb 10 13:12:42 2014
 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)





































