



Borehole Compensated Sonic Log

Pioneer Energy Services

API No.

15-159-22752-00-00

Company **Bird Dog Oil, LLC**
Well **Pioneer - Adams #2-27**
Field **Chase - Silica**
County **Rice** State **Kansas**

Other Services
CNL/CDL
MEL/DIL

Location
1755' FNL & 2310' FEL
Sec: 27 Twp: 19S Rge: 10W

Permanent Datum Ground Level Elevation 1750
Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 1758
D.F. 1750
G.L. 1750

Date 9/23/2013

Run Number Two

Type Log BHC Sonic

Depth Driller 3380

Depth Logger 3376

Bottom Logged Interval 3365

Top Logged Interval 300

Type Fluid In Hole Chemical

Salinity, PPM CL 11500

Density 8.8

Level Full

Max. Rec. Temp. F 112

Operating Rig Time 5 Hours

Equipment -- Location 91 Hays

Recorded By D. Schmidt

Witnessed By Adam Nighswonger

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	303	8.625	23#	00	303
Two	7.875	303	TD				

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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

Chase,
4 West to 4 Rd, 2 North to K Rd, 1/2 East,
South into

Charted by:			Depth in Feet scaled 1:2.16			
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)



























