



Pioneer Energy Services

Dual Compensated Porosity Log

15-065-23999-00-00

API No.

Company **Ron's Oil Operations, Inc.**
 Well **Keith #14-1**
 Field **Railroad Southeast**
 County **Graham** State **Kansas**

Location

745' FNL & 615' FEL

Sec: 14 Twp: 8S Rge: 22W

Other Services
DIL
MEL

Permanent Datum Ground Level Elevation 2094
 Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
 Drilling Measured From Kelly Bushing

Date 1/7/2014
 Run Number One
 Type Log CNL / CDL
 Depth Driller 3680
 Depth Logger 3683
 Bottom Logged Interval 3662
 Top Logged Interval 2900
 Type Fluid In Hole Chemical
 Salinity, PPM CL 2500
 Density 9.5
 Level Full
 Max. Rec. Temp. F 115
 Operating Rig Time 4 Hours
 Equipment -- Location 91 Hays
 Recorded By D. Schmidt
 Witnessed By Chris Bean

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	210	8.625	24#	00	210
2	7.875	210	3680				

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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 Pioneer Energy Services
www.pioneerres.com
 785 625 3858
 Bogue,
 2 1/2 West on P Terr, 1/4 North,
 West into

Database File: c:\warrior\data\ron's oil_keith #14-1\rons_010714hd.db
 Dataset Pathname: dil/ronstck
 Presentation Format: cdl
 Dataset Creation: Tue Jan 07 08:18:09 2014
 Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
6	Caliper (GAPI)	16

30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
			Correction
			LSPD











