



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-171-21,074-00-00

Company New Gulf Operating, LLC.

Well Muench # 1-16

Field

County Scott

State Kansas

Location

1,240' FSL & 1,430' FEL

Sec: 16 Twp: 17s Rge: 33w

Other Services
DIL
MEL

Permanent Datum Ground Level Elevation 3037

Log Measured From Kelly Bushing 9 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Elevation

K.B. 3046

D.F. 3037

Date 7/23/2014

Run Number One

Type Log CNL / CDL

Depth Driller 4815

Depth Logger 4810

Bottom Logged Interval 4789

Top Logged Interval 3600

Type Fluid In Hole Chemical

Salinity, PPM CL 7000

Density 9.2

Level Full

Max. Rec. Temp. F 124

Operating Rig Time 4 Hours

Equipment -- Location 108 Hays

Recorded By J Long

Witnessed By John Goldsmith

Borehole Record

Casing Record

Run No. Bit From To Size Wgt. From To

1 12.25 00 266 8.625 24# 00 266

2 7.875 266 4815

Comments

Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

Scott City Ks., North to 190 Rd., 4 West to Stop Sign, 1 1/2 North, East Into.

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	0.25
					LSPD

















