



Pioneer Energy Services

Dual Ind. / Neutron-Density Micro Composite Log

File No.

15-109-21,292-00-00

Company New Gulf Operating, LLC

Well Marius #1-15

Field

County Logan

State

Kansas

Location

SW-SW-NW-SE
1388' FSL & 2379' FWL

Other Services
CNL/CDL
DIL

Sec: 15

Twp: 14S

Rge: 34W

Elevation

Permanent Datum
Log Measured From
Drilling Measured From

Ground Level
Kelly Bushing
From Kelly Bushing

Elevation 3029
9 Ft. Above Perm. Datum

K.B. 3038
D.F.
G.L. 3029

Date

9/7/2014

Run Number

Two

Depth Driller

4765

Depth Logger

4764

Bottom Logged Interval

4763

Top Log Interval

3500

Casing Driller

8.625 @ 252

Casing Logger

263

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

7.000

Density / Viscosity

9.1 56

pH / Fluid Loss

10.0 9.6

Source of Sample

Flowline

Rm @ Meas. Temp

.28 @ 74

Rmf @ Meas. Temp

.21 @ 74

Rmc @ Meas. Temp

.38 @ 74

Source of Rmf / Rmc

Charts

Rm @ BHT

.17 @ 124

Operating Rig Time

5 Hours

Max Rec. Temp. F

124

Equipment Number

4

Location

Hays

Recorded By

J. Henrickson

Witnessed By

John Goldsmith

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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
Russell Springs Kansas
1/2 East to 270 Rd, 7 South to Indian Rd, East to 320 Rd, 1 North, West Into

Database File: c:\warrior\data\new gulf_marius #1-15\newgulf_marius_1_15hd.db
Dataset Pathname: DIL/newstk
Presentation Format: NGULFC~1
Dataset Creation: Sun Sep 07 22:14:49 2014
Charted by: Depth in Feet scaled 1:240

0			0			0.2			30			0		
Gamma Ray			MN			Shallow Guard			Density Porosity					
150			MI			2000			30			0		
GR						Medium Induction			Neutron Porosity					
6						2000			2.65			3.75		
Caliper (GAPI)						Deep Induction			dga					
2.875														
DCAL (GAPI)														
7.875														
-200														
SP (mV)														
-160														
Rxo/Rt														
40														













