



**GAMMA RAY  
NEUTRON  
COMPLETION LOG**

Company **COLT ENERGY, INC**  
Well **FITZPATRICK #FH-2**  
Field **IOLA**  
County **ALLEN** State **KANSAS**

Location: **1540' FSL & 680' FWL  
S2 S2 NW SW**  
APR #: **15-001-30674-00-00**  
Other Services

Permanent Datum **G.L.** Elevation **1001'**  
Log Measured From **G.L.** K.B. **G.L. 1001'**  
Drilling Measured From **G.L.** D.F. **1001'**

Date **7-19-2013**  
Run Number **1 NMV**  
Depth Driller **954'**  
Depth Logger **952.6'**  
Top Log Interval **SURFACE**  
Bottom Logged Interval **952.6'**  
Fluid Level **909'**  
Type Fluid **WATER**  
Production Casing **4 5/8" @ 929.8'**  
Max. Recorded Temp. **②**  
Estimated Cement Top **②**  
Calculated Cement Top **②**  
Amount & Type Cement **②**  
Amount & Type Admix **②**  
Drilling Contractor **FINNEY DRILLING**  
Equipment Number **107**  
Location **JUDEN, D**  
Recorded By **ASHLOCK, R**  
Witnessed By **STEGMANN, J.**

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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**

**THIS WELL TO BE  
COMPLETED OPEN HOLE**

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	7.59		GR-TITAN_169 (TIT169_001) Titan 1 11/16" Gamma Ray	4.75	1.69	20.00
CCL	5.05		CCL-TITAN_169 (TIT169) Titan 1 11/16" Logging CCL	1.83	1.69	7.50
NEU	0.63		NEU-TITAN_169 (TIT169_001) Titan 1 11/16" Neutron	4.33	1.69	20.00

Dataset: fitzpatrick #fh-2.db: field/well/run1/pass1  
Total Length: 10.92 ft  
Total Weight: 47.50 lb  
O.D.: 1.69 in

Database File: g:\fitzpatrick #fh-2.db  
Dataset Pathname: pass1  
Presentation Format: gr-n-ccl  
Dataset Creation: Fri Jul 19 10:41:52 2013 by Log Std Casedhole 07122  
Charted by: Depth in Feet scaled 1:240

