



CHANDLER, KANSAS  
**GAMMA RAY  
 NEUTRON  
 COMPLETION LOG**

Company COLT ENERGY, INC.  
 Well KNOBLE #KF1  
 Field IOLA  
 County ALLEN  
 State KANSAS

Location: 1100' FSL & 1155' FWL  
 NE NE SW SW  
 SEC 4 TWP 24S RGE 18E  
 Permian Basin  
 Log Measured From GL  
 Drilling Measured From GL  
 Elevation 1008'  
 Other Services

Date 8-22-2013  
 Run Number 1 NW  
 Depth Driller 951.5'

Top Log Interval 10'  
 Bottom Logged Interval 951.5'  
 Fluid Level

Type Fluid  
 Production Casing  
 Max. Recorded Temp.  
 Estimated Cement Top  
 Calculated Cement Top  
 Amount & Type Cement  
 Amount & Type Admix  
 Drilling Contractor  
 Equipment Number  
 Location  
 Recorded By  
 Witnessed By

4.5" @ 945.8'  
 @  
 @  
 GORMLEY, R  
 ASHLOCK, REX

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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

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	7.17		GR-TITAN_169 (1.69TTGRN) Titan 1 11/16" Gamma Ray	3.82	1.69	17.99
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: knoble #kf1.db: field/well/run1/pass1  
 Total Length: 9.99 ft  
 Total Weight: 45.49 lb  
 O.D.: 1.69 in

Database File: e:\knoble #kf1.db  
 Dataset Pathname: pass1  
 Presentation Format: gr-n-ccl  
 Dataset Creation: Thu Aug 22 12:54:35 2013 by Log Std Casedhole 07122  
 Charted by: Depth in Feet scaled 1:240

