NABORS

COMPLETION & PRODUCTION SERVICES CO.

GAMMA RAY / CCL
CEMENT BOND / VDL

Company: NOBLE ENERGY, INC
Well: TIPTON 10-26 EG
Field: WATTENBERG
County: WELD
State: COLORADO

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API #: 05-123-33862

Location: SEC. 26 TWP. 4N RGE. 68W
SW1/4 FNL 2000 FSL 1980 FWL
Other Services: DUAL INDUCTION GUARD, SPECTRAL DENSITY DUAL SPACED NEUTRON, MICRO LOG, CEMENT BOND LOG

Permanent Datum: GL Elevation: 4702
Log Measured From: KB 12 Ft. Above Perm. Datum
Drilling Measured From: KB

Date	6-Jun-14		
Run Number	ONE		
Depth Driller	7200		
Depth Logger	7194		
Top Log Interval	SURFACE		
Bottom Log Interval	7194		
Type Fluid	WATER		
Density / Viscosity			
Max Rec. Temp.			
Equip. Location	3	34	
Recorded By	BRAD LARSON	MIKE TOWNES	
Witnessed By	KELLY BOSWELL		

Run Number | Bit | Size | Weight | From | To
Run 1 | 7 7/8 | 6.4 | | SURFACE | 7200

Casing Driller: Size 4.5 @ 7200 Wgt. 11.6
Casing Logger: Size 4.5 @ 7194 Wgt. 11.6

Bottom Log Interval: 7194
Top Log Interval: SURFACE
Open Hole Size: 7 7/8
Type Fluid in Hole: WATER
Density: 8.4
Viscosity: 28
PH: 7
Fluid Loss: 8.4
Source of Sample: CIRC
Rm @ Meas. Temp.: 0.19 @ 70
Rmf @ Meas. Temp.: 0.15 @ 70
Rmc @ Meas. Temp.: 0.25 @ 70
Source of Rmf & Rmc: CALC
Rm @ BHT: 0.11 @ 160
Time Circulation Stopped: 0:30
Time Logger On Bottom: 10:30
Max Rec. Temp.: 160
Equipment Number: 3
Location: 34
Recorded By: BRAD LARSON
Witnessed By: KELLY BOSWELL

Run Number | Bit | Size | Weight | From | To
Run 1 | 7 7/8 | 6.4 | | SURFACE | 7200

Casing Driller: Size 4.5 @ 7200 Wgt. 11.6
Casing Logger: Size 4.5 @ 7194 Wgt. 11.6

Bottom Log Interval: 7194
Top Log Interval: SURFACE
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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 employes. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

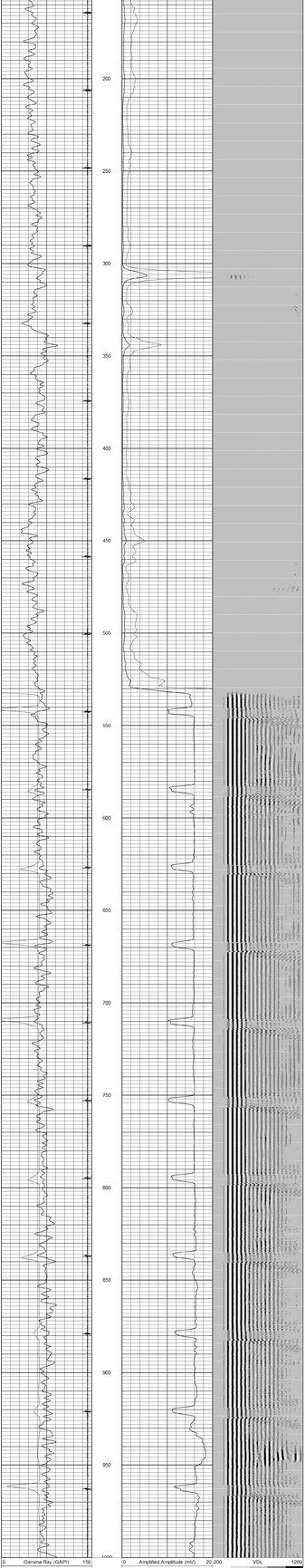
Comments

THANK YOU FOR USING
NABORS COMPLETION AND PRODUCTION SERVICES CO.
NOTE: LOG NOT CORROLATED

Database File: coltiptopn10-26.db
Dataset Pathname: pass3
Presentation Format: nuexbond
Dataset Creation: Tue Jun 17 09:17:53 2014 by Log SCH 120430
Charted by: Depth in Feet scaled 1:240

0 Gamma Ray (GAPI) 150
95 CCL -4.5
340 TT3 (usec) 240

0 Amplified Amplitude (mV) 20 200
0 Amplitude (mV) 100
VDL 1200



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