



NABORS

Incorrectness of
s, or expense
to subject to

<p>Company NOBLE ENERGY INC.</p> <p>Well HARDESTY I 10-4</p> <p>Field WATTENBERG</p> <p>County WELD\</p> <p>State COLORADO</p>									
<p>Location:</p>		<p>AP #:</p>		<p>Other Services</p>					
<p>SHL- 66P & 727 FWL WN/WV</p>		<p>SEC 10 TWP 6N R0E 65W</p>		<p>Elevation</p>					
<p>Permanent Datum Log Measured From Drilling Measured From</p>		<p>GL KB KB</p>		<p>4868</p>		<p>K.B. 4884 D.F. 4883 G.L. 4888</p>			
<p>Run Number</p>		<p>JANUARY 3 2014</p>							
<p>Depth Driller</p>		<p>ONE</p>							
<p>Depth Logger</p>		<p>7510</p>							
<p>Bottom Logged Interval</p>		<p>1030</p>							
<p>Top Log Interval</p>		<p>1030</p>							
<p>Open Hole Size</p>		<p>SURFACE</p>							
<p>Type Fluid</p>		<p>WATER</p>							
<p>Flow Rate (GPM)</p>		<p>N/A</p>							
<p>Max. Recorded Temp</p>		<p>SURFACE</p>							
<p>Time Well Ready</p>		<p>ENIGON RIG</p>							
<p>Time Logger on Bottom</p>		<p>2:34 PROBE 110802</p>							
<p>Equipment Number</p>		<p>4838</p>							
<p>Location</p>		<p>45</p>							
<p>Recorded By</p>		<p>GREEN, JUAN</p>							
<p>Witnessed By</p>		<p>PETE BURMAN</p>							
<p>Run Number</p>		<p>Boothole Record</p>		<p>Tubing Record</p>					
<p>Bit</p>		<p>From</p>		<p>To</p>		<p>Size</p>		<p>Weight</p>	
<p>From</p>		<p>To</p>		<p>From</p>		<p>To</p>		<p>To</p>	
<p>Casing Record</p>		<p>Size</p>		<p>Wt/Lf</p>		<p>Top</p>		<p>Bottom</p>	
<p>Supp String</p>		<p>4-1/2</p>		<p></p>		<p></p>		<p></p>	
<p>Production String</p>		<p></p>		<p></p>		<p></p>		<p></p>	
<p>Liner</p>		<p></p>		<p></p>		<p></p>		<p></p>	

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy of our interpretations, 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 incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are made subject to the general terms and conditions set out in our current Price Schedule.

Comments

YOU FOR C

hardesty i10-4.db

The figure displays a wellbore log with the following components:

- Central Plot:** A large grid with depth (0 to 1000) on the y-axis. It contains several sub-plots:
 - Blue Line Plot (CCL):** Located on the left side of the grid.
 - Red Line Plot (Gamma Ray):** Located on the right side of the grid.
 - Black Line Plot (TT3):** Located at the bottom of the grid.
 - Grayscale Image (Variable Density):** Located on the far right side of the grid.
- Annotations:**
 - A label "PROBABLE CONTAMINATED FLUID" with an arrow pointing to a specific depth around 150.
- Legend:**
 - CCL (blue)
 - Gamma Ray (GAPI) (red)
 - TT3 (black)
 - Variable Density (grayscale)

0.5500		GAPI/cps	
PRIMARY VERIFICATION			
Background	0.0		cps
Calibrator	0.0		cps
Difference		0.0	GAPI
BEFORE SURVEY VERIFICATION			
Background	0.0		cps
Calibrator	0.0		cps
Difference		0.0	GAPI
AFTER SURVEY VERIFICATION			
Background	0.0		cps
Calibrator	0.0		cps
Difference		0.0	GAPI
Cement Bond Log Calibration Report			
Serial Number:	110802		
Tool Model:	Probe275Digital		
Performed:	Fri Jan 03 08:11:24 2014		
Depth:	1035.72	ft	
Casing Diameter:	4.5	in	
	3' Spacing	5' Spacing	
Signal Zero:	0.7	0	mV
Calibrated Amplitude:	81.1961	81.1961	mV
Reading at Signal Zero:	-0.00603027	-0.00588379	V
Reading in Free Pipe:	2.47966	2.2936	V
Gain:	32.3838	35.3105	
Offset:	0.895283	0.20776	