Company ENCANA OIL & GAS INC.
Well Billings 3E-18H-L368
Field Wattenberg
County Weld
State CO

PIONEER
Pioneer Energy Services

Cement Bond Log

Company ENCANA OIL & GAS INC.
Well Billings 3E-18H-L368
Field Wattenberg
County Weld State CO

Location: API # : 05-123-36889-00
SHL: 1579' FSL 762' FWL NW/SW
SEC 18 TWP 3N RGE 68W

Other Services
CCL / GR

Permanent Datum GL Elevation 5145
Log Measured From KB
Drilling Measured From KB

Elevation
K.B. 5177
D.F. 5177
G.L. 5145

Date	November 29, 2014		
Run Number	1		
Depth Driller	13990		
Depth Logger	7379		
Bottom Logged Interval	7379		
Top Log Interval	Surface		
Open Hole Size	8-3/4		
Type Fluid	WBM		
Density / Viscosity	13.1 / 43		
Max. Recorded Temp.	NA		
Estimated Cement Top	490		
Time Well Ready	0230		
Time Logger on Bottom	0315		
Equipment Number	36		
Location	Fort Morgan		
Recorded By	Shaun Stump		
Witnessed By	Norman McCreary		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9-5/8	40	0	866
Prot. String				
Production String	7	26	0	7515
Liner				

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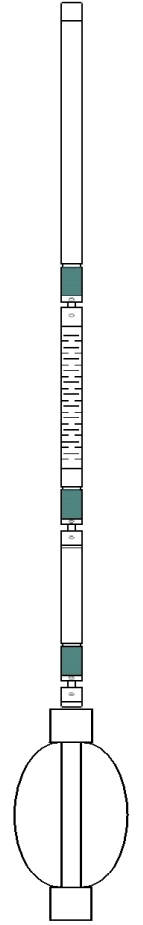
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

RBL logged from 7379' to surface

Thank you for choosing Pioneer Energy Services!



Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CENT #2 -A (1)	2.83	2.75	20.00
InTemp	14.66					
TEMP	13.64					
WVF3FT	11.41		RBT-RBT-C3 (11206) Probe Radii Bond Tool with Digital Telemetry	9.33	2.75	90.00
WVFCAL	11.41					
WVFS1	11.41					
WVFS2	11.41					
WVFS3	11.41					
WVFS4	11.41					
WVFS5	11.41					
WVFS6	11.41					
WVFS7	11.41					
WVFS8	11.41					
WVF5FT	10.41					
			CENT-A (1)	2.83	2.75	20.00
CCL	3.92					
GR	1.13		GR-probe 2.75 (111205) probe Digital CCL Gamma	4.33	2.75	100.00

Dataset: 13734.db: field/well/run1/pass2
Total Length: 19.32 ft
Total Weight: 230.00 lb
O.D.: 2.75 in

Database File: 13734.db
Dataset Pathname: Finial
Presentation Format: scbl02
Dataset Creation: Sat Nov 29 04:13:15 2014 by Calc Open-Cased 110302
Charted by: Depth in Feet scaled 1:240

Log Variables

Database:C:\Warrior\Data\13734.db
Dataset: field/well/run1/pass2

Top - Bottom

PPT usec	CASEWGHT lb/ft	MAXAMPL mV	MINAMPL mV	MINATTN db/ft	CASEOD in	PERFS	TDEPTH ft
0	26	0	1	0.08	7	0	0

BOTTEMP degF	BOREID in
204	8.75