PIONEER
Pioneer Energy Services

Cement Bond Log

Company	ENCANA OIL & GAS INC.
Well	RUHL 1E-32H-B264
Field	Wattenberg
County	Weld
State	CO

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Well RUHL 1E-32H-B264
Field Wattenberg
County Weld State CO

Location: API # : 05-123-40277-00
SHL: 313' FNL 2281' FEL NW/NE
SEC 32 TWP 2N RGE 64W

Other Services
CCL / GR

Permanent Datum	GL	Elevation 4980	Elevation
Log Measured From	KB		K.B. 5005'
Drilling Measured From	KB		D.F. 5005' G.L. 4980'

Date	January 2, 2015
Run Number	1
Depth Driller	11530
Depth Logger	7056
Bottom Logged Interval	7056
Top Log Interval	Surface
Open Hole Size	8-3/4
Type Fluid	WBM
Density / Viscosity	11 / 39
Max. Recorded Temp.	NA
Estimated Cement Top	346
Time Well Ready	1130
Time Logger on Bottom	1340
Equipment Number	36
Location	Fort Morgan
Recorded By	Shaun Stump
Witnessed By	Randy Burke

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	
Prot. String				
Production String	7	26	0	7329
Liner				

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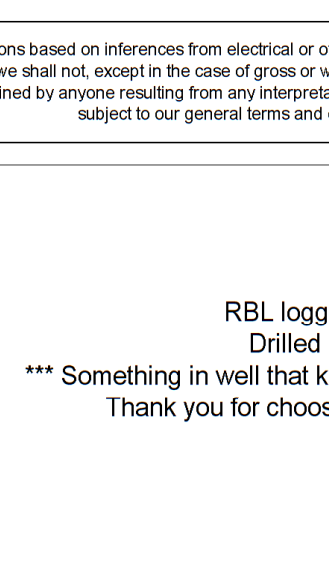
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 ' to surface
Drilled By: H&P Rig 278
*** Something in well that kept catching tool and caused errors!!!
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
IntTemp	14.66					
WVF3FT	11.41		RBT-Probe (Base) Probe Radii Bond Tool with Digital Telemetry	8.92	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-probe 2.75 (51013) proble Digital CCL Gamma	4.33	2.75	100.00
GR	1.13					

Dataset: 13747.db: field/well/run1/pass2
Total Length: 18.91 ft
Total Weight: 230.00 lb
O.D. 2.75 in

Database File: 13747.db
Dataset Pathname: Final
Presentation Format: scbl02
Dataset Creation: Fri Jan 02 16:16:04 2015
Charted by: Depth in Feet scaled 1:240

Log Variables

Database:C:\Warrior\Data\13747.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
203	8.75