Company ENCANA OIL & GAS INC.
Well Dale 4A-20H-O264
Field Wattenberg
County Weld
State CO

Pioneer Energy Services

Cement Bond Log

Company ENCANA OIL & GAS INC.
Well Dale 4A-20H-O264
Field Wattenberg
County Weld State CO

Location: API #: 05-123-39738-00
SHL: 338' FSL 1806' FEL SW/SE
SEC 20 TWP 2N RGE 64W

Other Services
CCL / GR

Permanent Datum GL Elevation 4958
Log Measured From KB
Drilling Measured From KB

Elevation
K.B. 4983
D.F. 4983
G.L. 4958

Date	December 1, 2014
Run Number	1
Depth Driller	11746
Depth Logger	7340
Bottom Logged Interval	7340
Top Log Interval	Surface
Open Hole Size	8-3/4
Type Fluid	WBM
Density / Viscosity	11.1 / 38
Max. Recorded Temp.	NA
Estimated Cement Top	660
Time Well Ready	1000
Time Logger on Bottom	1045
Equipment Number	36
Location	Fort Morgan
Recorded By	Shaun Stump
Witnessed By	George Cobb

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	1082
Prot. String				
Production String	7	26	0	7425
Liner				

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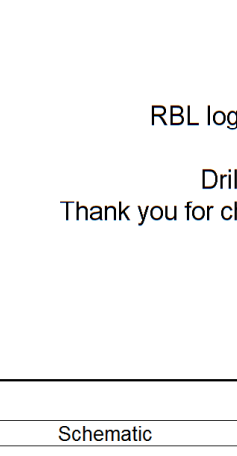
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 7340' to surface

Drilled by H&P Rig #278
Thank you for choosing Pioneer Energy Services!



Sensor	Offset (ft)	Description	Len (ft)	OD (in)	Wt (lb)
		CENT #2 -A (1)	2.83	2.75	20.00
IntTemp	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-probe 2.75 (111205) proble Digital CCL Gamma	4.33	2.75	100.00
GR	1.13				

Dataset: 13735.db: field/well/run1/pass2
Total Length: 19.32 ft
Total Weight: 230.00 lb
O.D. 2.75 in

Database File: 13735.db
Dataset Pathname: Finial
Presentation Format: scbl02
Dataset Creation: Mon Dec 01 11:41:12 2014 by Calc Open-Cased 110302
Charted by: Depth in Feet scaled 1:240

Log Variables

Database:C:\Warrior\Data\13735.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**						
202	8.75						