NABORS

COMPLETION & PRODUCTION SERVICES CO.

GAMMA RAY C.C.L.
CEMENT BOND V.D.L.

Company	PDC Energy
Well	Rieder 18T - 321
Field	Wattenberg
County	Weld
State	CO

Company PDC Energy
Well Rieder 18T - 321
Field Wattenberg
County Weld State CO

Location: API # : 05-123-40565
675' FSL & 712' FEL
SE / SE
SEC 18 TWP 4N RGE 67W

Other Services

Permanent Datum	GL	Elevation	4806'
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B.
D.F.
G.L. 4806'

Date	September 4, 2015		
Run Number	1		
Depth Driller	11,522'		
Depth Logger	6950'		
Bottom Logged Interval	6950'-0'		
Top Log Interval			
Casing Size			
Type Fluid	WATER		
Max. Recorded Temp.	N/A		
Estimated Cement Top			
Time Well Ready			
Time Logger On Bottom			
Unit Number	923827		
Tool Size / ID Number	1-11/16 Probe		
Location	WCRs44+15,W2/10,Ninto		
Recorded By	Meisner		
Witnessed By	Gardella		

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String	7"			
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

Rieder TY 6 Well Pad

<WEST> O X O O O O <EAST>

X = Rieder 18T - 321

Database File: pdcr18t321.db
Dataset Pathname: pass1
Presentation Format: noble en
Dataset Creation: Fri Sep 04 12:38:26 2015 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

3750
3800
3850
3900
3950
4000
4050
4100
4150
4200
4250
4300
4350
4400
4450
4500
4550
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6400
6450
6500
6550
6600
6650
6700
6750
6800
6850
6900
6950
10 CCL -2
0 Gamma Ray (GAPI) 200
400 TT3 (usec) 200
0 Amplified Amplitude (mV) 10
0 Amplitude (mV) 100
200 Variable Density 1200