C&J ENERGY SERVICES

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

Company PDC Energy
Well Boulter Farms 27G - 332
Field Wattenberg
County Weld
State CO

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Field Wattenberg
County Weld **State** CO

Location: API # : 05-123-43528
1711' FSL & 410' FWL
NW / SW
SEC 27 TWP 5N RGE 65W

Other Services

Permanent Datum GL Elevation 4657'
Log Measured From GL
Drilling Measured From KB

Elevation
K.B.
D.F.
G.L. 4657'

Date	February 20, 2018		
Run Number	1		
Depth Driller	14,545'		
Depth Logger	6700'		
Bottom Logged Interval	6700'-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	923856		
Tool Size / ID Number	2-3/4" Probe Radii		
Location	WCRs54+43,S1/2,Einto		
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	5.5"			
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

Boulter Farms 10 Well Pad

<NORTH> O X O O O O O O O O <SOUTH>

X = Boulter Farms 27G - 322

Database File: pdcb27g332.db
Dataset Pathname: pass1
Presentation Format: sector2
Dataset Creation: Tue Feb 20 09:40:36 2018 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

3800
3850
3900
3950
4000
4050
4100
4150
4200
4250
4300
4350
4400
4450
4500
4550
4600
4650
4700
4750
4800
4850
4900
4950
5000
5050
5100
5150
5200
5250
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5800
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5900
5950
6000
6050
6100
6150
6200
6250
6300
6350
6400
6450
6500
6550
6600
6650
0 GR (GAPI) 200
400 TT3FT (usec) 200
-50 CCL 5
5 CCL 5.5
0 AMPMAX 100
0 AMPAVG 100
0 AMPMIN 100
0 AMP3FT (mV) 100
200 WVF5FT 1200
1 Sector Map 8