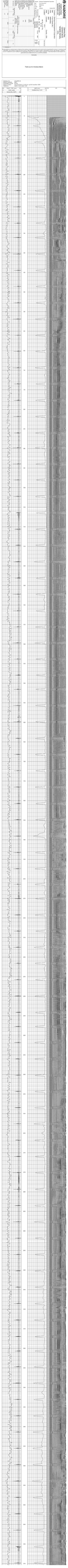

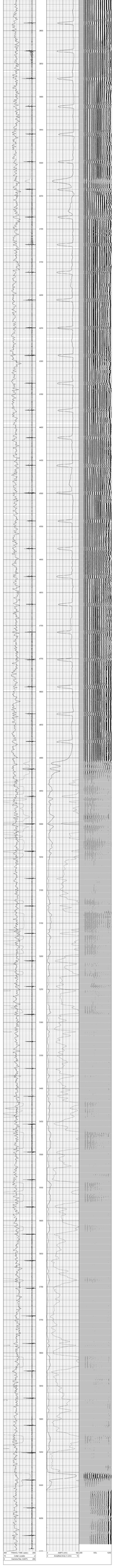

NABORS
COMPLETION & PRODUCTION SERVICES CO.

Gamma Ray, Cement Bond, Variable Density, CCL

Company	Petroleum Developement Corporation
Well	P & A Farms 28-2
Field	Wattenberg
County	Weld
State	Colorado
Country	USA

Company Petroleum Developement Corporation
Well P & A Farms 28-2
Field Wattenberg
County Weld
State Colorado Country USA

Location: API # :
860' FEL & 1813' FSL
NE / SE
SEC 28 TWP 5N RGE 64W

Other Services

Permanent Datum	Ground Level	Elevation 4631'	Elevation K.B. 4641' D.F. 4640' G.L. 4631'
Log Measured From	Kelly Bushing		
Drilling Measured From	Kelly Bushing		

Date	October 9, 2014
Run Number	1
Depth Driller	7005'
Depth Logger	6100'
Bottom Logged Interval	6100'-0'
Top Log Interval	
Open Hole Size	
Type Fluid	water
Density / Viscosity	
Max. Recorded Temp.	n/a
Estimated Cement Top	
Time Well Ready	
Time Logger on Bottom	
Equipment Number	3312 1-11/16" Probe
Location	WCRs55+52,W2/10,N2/10,E2/10,N2/10,Winto
Recorded By	Jake Meisner
Witnessed By	Bernie Chavez

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	3.5"			
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

Thank you for choosing Nabors

Database File:	pdcpaf282.db
Dataset Pathname:	pass1
Presentation Format:	cbl_drs
Dataset Creation:	Thu Oct 09 08:21:41 2014 by Log Std Casedhole 10081
Charted by:	Depth in Feet scaled 1:240

400 TRAVEL TIME (usec) 200	0 AMP3 (mV) 100	200 VDL 1200
15 Collar Locator -2	0 Amplified Amp 3 (mV) 10	
0 Gamma Ray (GAPI) 200		

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
5300
5350
5400
5450
5500
5550
5600
5650
5700
5750
5800
5850
5900
5950
6000
6050
400 TRAVEL TIME (usec) 200
15 Collar Locator -2
0 Gamma Ray (GAPI) 200
0 AMP3 (mV) 100
0 Amplified Amp 3 (mV) 10
200 VDL 1200