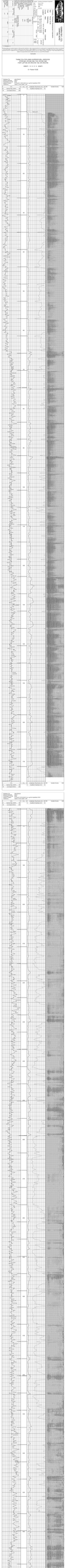

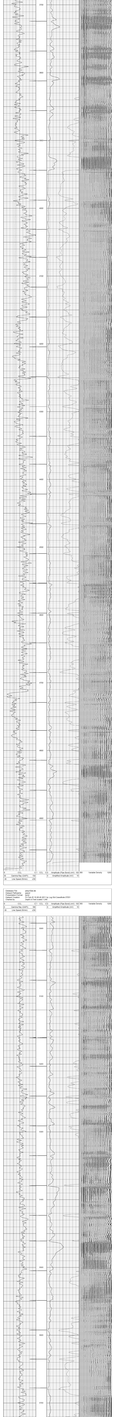

SUPERIOR WELL SERVICES

GAMMA RAY / CCL
CEMENT BOND
VDL

Company	Petroleum Development Corporation
Well	Purvis 10 DD
Field	Wattenberg
County	Weld
State	Colorado

Company Petroleum Development Corporation

Well Purvis 10 DD

Field Wattenberg

County Weld State Colorado

Location: API # : 05-123-32475

SHL: 1893' FSL & 1915' FEL NW/SE
BHL: 1297' FSL & 1318' FEL SE/SE
SEC 10 TWP 4N RGE 67W

Other Services
perforate

Permanent Datum GL Elevation 4794'
Log Measured From KB
Drilling Measured From KB

Elevation
K.B. 4808'
D.F. 4807'
G.L. 4794'

Date	February 26, 2011
Run Number	1
Depth Driller	7456'
Depth Logger	7409'
Bottom Logged Interval	7406'-5000'
Top Log Interval	5000'-0'
Open Hole Size	
Type Fluid	water
Density / Viscosity	
Max. Recorded Temp.	240° F
Estimated Cement Top	
Time Well Ready	
Time Logger on Bottom	
Equipment Number	T2 TEK2/TITAN1,TEKCCL1
Location	WCRs46.5+19,E6/10,SWinto
Recorded By	Jake Meisner
Witnessed By	Kelly Lewis

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	4.5"			
Liner				

<<< Fold Here >>>

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 USING SUPERIOR WELL SERVICES
STERLING: 970.526.1084 FAX: 970.526.1085
FORT LUPTON: 970.785.0158 FAX: 970.785.0159

<WEST> O X O O <EAST>

X = Purvis 10 DD

Database File:	pdcp10dd.db
Dataset Pathname:	pass4
Presentation Format:	bond
Dataset Creation:	Fri Feb 25 11:26:03 2011 by Log Std Casedhole 07051
Charted by:	Depth in Feet scaled 1:240

9 CCL 0 | 1 CCL 0 | 0 Amplitude (Pipe Bond) (mV) 100 | 300 Variable Density 1200
30 Gamma Ray (GAPI) 150 | 0 Amplified Amplitude (mV) 10
-30 Line Speed (ft/min) -230

9 CCL 0 | 1 CCL 0 | 0 Amplitude (Pipe Bond) (mV) 100 | 300 Variable Density 1200
30 Gamma Ray (GAPI) 150 | 0 Amplified Amplitude (mV) 10
-30 Line Speed (ft/min) -230

Database File:	pdcp10dd.db
Dataset Pathname:	pass3
Presentation Format:	bond
Dataset Creation:	Fri Feb 25 10:55:08 2011 by Log Std Casedhole 07051
Charted by:	Depth in Feet scaled 1:240

9 CCL 0 | 1 CCL 0 | 0 Amplitude (Pipe Bond) (mV) 100 | 300 Variable Density 1200
30 Gamma Ray (GAPI) 150 | 0 Amplified Amplitude (mV) 10
-30 Line Speed (ft/min) -230

3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900
9 CCL 0
1 CCL 0
0 Amplitude (Pipe Bond) (mV) 100
300 Variable Density 1200
30 Gamma Ray (GAPI) 150
0 Amplified Amplitude (mV) 10
-30 Line Speed (ft/min) -230

Database File: pdcp10dd.db
Dataset Pathname: pass2
Presentation Format: bond
Dataset Creation: Fri Feb 25 10:26:40 2011 by Log Std Casedhole 07051
Charted by: Depth in Feet scaled 1:240

9 CCL 0
1 CCL 0
0 Amplitude (Pipe Bond) (mV) 100
300 Variable Density 1200
0 Gamma Ray (GAPI) 180
0 Amplified Amplitude (mV) 10
-30 Line Speed (ft/min) -230
5000
5100
5200
5300
5400
5500
5600
5700
5800
5900
6000
6100
6200
6300
6400
6500
6600
6700
6800
Flag Joint
6900
7000
7100
7200
Perforated Interval
7300
7400
9 CCL 0
1 CCL 0
0 Amplitude (Pipe Bond) (mV) 100
300 Variable Density 1200
0 Gamma Ray (GAPI) 180
0 Amplified Amplitude (mV) 10
-30 Line Speed (ft/min) -230