



**Radial Bond Log
Gamma-Ray & C.C.L.**

Pioneer Energy Services

Company Anadarko Petroleum Corp.

Well Barnes,Franke A Unit 1
Field Wattenberg
County Weld State Colo.

Company **Anadarko Petroleum Corp.**
Well **Barnes,Franke A Unit 1**
Field **Wattenberg**
County **Weld** State **Colo.**

Location: API # : 05123079380000 Other Services
SEC 24 TWP 3n RGE 68W
Permanent Datum GL Elevation 4945
Log Measured From KB
Drilling Measured From KB
None
K.B. 4955
D.F.
G.L. 4945

Date of Service	4-21-14		
Run Number	1		
Depth Driller or PBTID	7859		
Depth Logger	4570'		
Bottom Log Interval	4570'		
Top Log Interval	3650'		
Open Hole Size	7" 7/8"		
Type Fluid	WATER		
Fluid Level	650'		
Fluid Density	NA		
Max. Recorded Temperature	150		
Max. Wellhead Pressure	0		
Wellhead Connection	4.5" EUE		
Estimated Cement Top	3850'		
Unit Number	53		
Wireline Size	1/4"		
Location	FT. MORGAN		
Recorded By	Nathan Bivens		
Witnessed By	Mike Cook		
	Size	WMFt	Top
Tubing Record			Bottom
Surface Casing			
Production Casing	4.5"	11.6	Surface
Liner Record			T.D.

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All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services will 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 Pioneer Wireline Services's general terms and conditions set out in our current Price Schedule.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.
SO # 2-204584

WCR 13 AND HWY 66 WEST .8 NORTH INTO

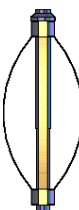
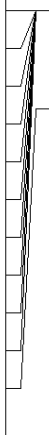
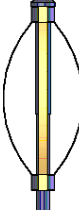
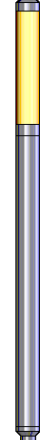
THANK YOU FOR USING PIONEER WIRELINE SERVICES

Your Pioneer Wireline Services Crew

Tool Data - Services

Serial Number

Engineer:
Operator:
Operator:
Operator:

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			PTS275	2.83	2.75	
			RBT-Probe (4.5040904) Prototype Probe Radii Bond Tool with Digital Telemetry	8.88	2.75	90.00
WVF3FT	11.78					
WVFCAL	11.78					
WVFS1	11.78					
WVFS2	11.78					
WVFS3	11.78					
WVFS4	11.78					
WVFS5	11.78					
WVFS6	11.78					
WVFS7	11.78					
WVFS8	11.78					
WVF5FT	10.78					
			PTS275	2.83	2.75	
			GCT-GRCCCLTEMP (130608) Probe GCT	4.69	2.75	100.00
CCL	3.84					
TEMP	3.14					
GR	2.30					
Dataset: 05123079380000_barnes_frank_a_unit_rbl.db: field/well/run1/pass2 Total Length: 19.23 ft Total Weight: 190.00 lb						

Database File: 05123079380000_barnes_frank_a_unit_rbl.db
Dataset Pathname: pass2
Presentation Format: scbl02
Dataset Creation: Mon Apr 21 08:22:07 2014 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

5	CCL	-5	0	GR (GAPI)	300	0	AMP (mV)	100	0	AMPAVG	150	200	VDL	1200	1	SECTOR MAP	8
						0	AMPx5 (mV)	20	0	AMPMAX	150				25		100
									0	AMPMIN	150						

