PIONEER Pioneer Energy Services

CEMENT BOND LOG WITH GAMMA RAY

Company	BONANZA CREEK
Well	STATE PRONGHORN 44-32 -31 MRLNB
Field	WATTENBERG
County	WELD
State	CO

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Location: API # : 05-123-41262
SHL: 392' FSL & 1123' FEL SESE
SEC 32 TWP 5N RGE 61W

Other Services
NONE

			Elevation
Permanent Datum	GL	Elevation 4896'	K.B. 4547
Log Measured From	GL		D.F. 4546
Drilling Measured From	GL		G.L. 4896

Date of Service	5 JUNE 2-015
Run Number	1
Depth Driller or PBTD	6459
Depth Logger	5502
Bottom Log Interval	5502
Top Log Interval	SURFACE
Open Hole Size	8+3/4"
Type Fluid	WATER
Fluid Level	SURFACE
Fluid Density	NA
Max. Recorded Temperature	NA
Max. Wellhead Pressure	0
Wellhead Connection	NA
Estimated Cement Top	808
Unit Number	P-96
Wireline Size	1/4"
Location	FT. MORGAN
Recorded By	D TRAVIS
Witnessed By	KURT DODGE

	Size	Wt/Ft	Top	Bottom
Tubing Record				
Surface Casing	9+5/8"	36#	SURFACE	446
Production Casing	7"	26#	SURFACE	6560'
Liner Record				

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All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not 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.

Comments

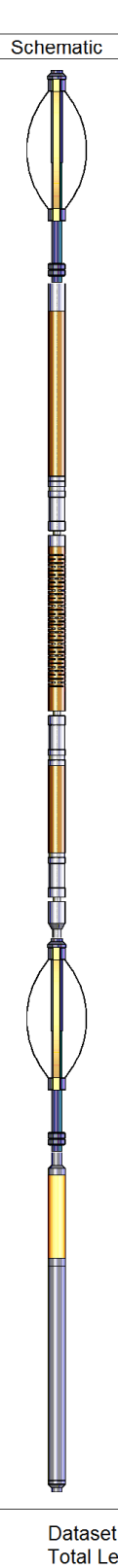
N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

0 PSI ON WELL WHILE LOGGING

S.O. 2-014055

THANK YOU FOR USING PIONEER ENERGY SERVICES

Your Pioneer Energy Services Crew	Tool Data - Services	Serial Number
Engineer: STUMP, TRAVIS	CBL	070132
Operator: JAMES PRENTICE	GAMMA RAY / CCL	110249
Operator: DALE SCHAEFER		
Operator: NA		

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CENT-PTS275 (1)	2.88	2.75	
WVF3FT WVFCAL WVFS1 WVFS2 WVFS3 WVFS4 WVFS5 WVFS6 WVFS7 WVFS8 WVF5FT	11.75 11.75 11.75 11.75 11.75 11.75 11.75 11.75 11.75 11.75 10.67		RBT-Probe (070132) Probe Radii Bond Tool with Digital Telemetry	8.77	2.75	90.00
			CENT-PTS275 (2)	2.88	2.75	
CCL	3.63					
GR	2.30		GR_CCL-Probe (110249) Probe Gamma CCL	4.54	2.75	100.00

Dataset: 2-014055.db: field/well/run1/FINAL
Total Length: 19.06 ft
Total Weight: 190.00 lb
O.D. 2.75 in

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MAIN PASS

LOGGED UNDER 0 PSI

Database File: 2-014055.db
Dataset Pathname: FINAL
Presentation Format: cbl
Dataset Creation: Fri Jun 05 09:19:48 2015 by Calc SCH 120430
Charted by: Depth in Feet scaled 1:240

9 Collar Locator -1		0 AMP AMPLITUDE (mV) 10	200 VDL 1200	
0 Gamma Ray (GAPI) 200		0 AMPLITUDE (mV) 100		

9 Collar Locator -1	0 AMP AMPLITUDE (mV) 10	200	VDL	1200
0 Gamma Ray (GAPI) 200	0 AMPLITUDE (mV) 100			

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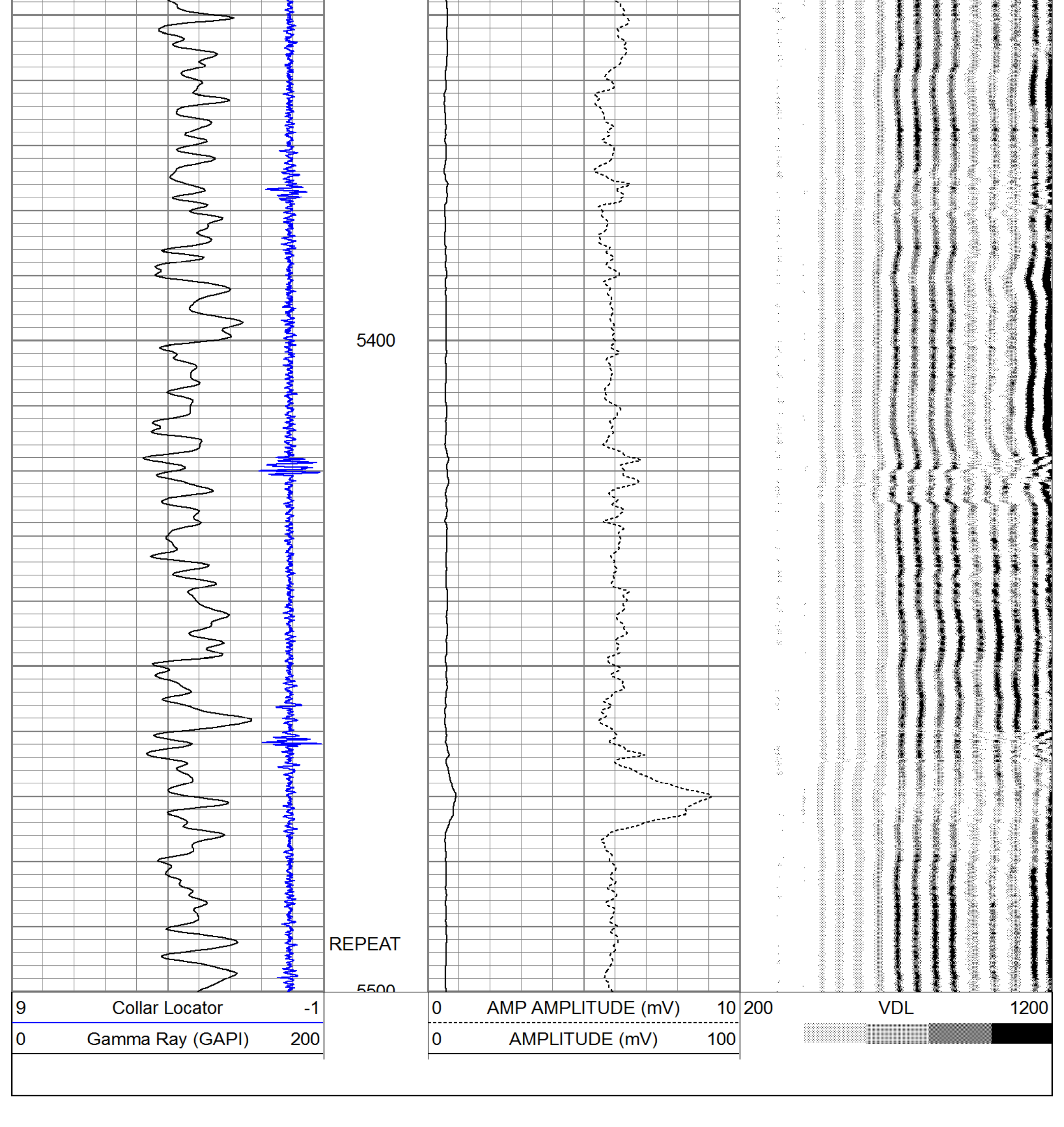
REPEAT SECTION

Database File: 2-014055.db
Dataset Pathname: pass2.1
Presentation Format: cbl
Dataset Creation: Fri Jun 05 09:16:57 2015 by Calc SCH 120430
Charted by: Depth in Feet scaled 1:240

9 Collar Locator -1	0 AMP AMPLITUDE (mV) 10	200	VDL	1200
0 Gamma Ray (GAPI) 200	0 AMPLITUDE (mV) 100			



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