CEMENT BOND LOG WITH GAMMA RAY

Pioneer Energy Services

Company	BONANZA CREEK
Well	STATE PRONGHORN X44-32-31 MRLNC
Field	WATTENBERG
County	WELD
State	CO

Company **BONANZA CREEK**

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County **WELD** State **CO**

Location: API # : 05-123-41261

SHL: 393' FSL & 1143' FEL SESE

SEC 32 TWP 5N RGE 61W

Other Services

NONE

Permanent Datum GL Elevation 4530'

Log Measured From GL

Drilling Measured From GL

Elevation

K.B. 4547

D.F. 4546

G.L. 4530'

Date of Service	5 JUNE 2015
Run Number	1
Depth Driller or PBTD	6583
Depth Logger	5682
Bottom Log Interval	5666
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	230
Unit Number	P-96
Wireline Size	1/4"
Location	FT. MORGAN
Recorded By	D TRAVIS
Witnessed By	KURT DODGE / S STUMP

	Size	Wt/Ft	Top	Bottom
Tubing Record				
Surface Casing	9+5/8"	36#	SURFACE	447'
Production Casing	7"	26#	SURFACE	6583'
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

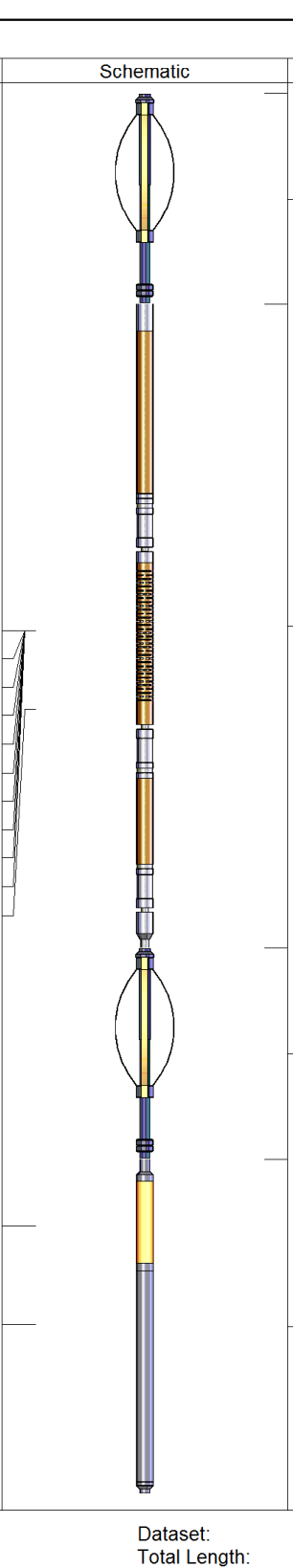
N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

0 PSI ON WELL WHILE LOGGING

S.O. 2-014056

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: 2-014056.db: field/well/run1/pass2
Total Length: 19.06 ft
Total Weight: 190.00 lb
O.D. 2.75 in

MAIN PASS

LOGGED UNDER 0 PSI

Database File: 2-014056.db
Dataset Pathname: pass3
Presentation Format: cbl
Dataset Creation: Fri Jun 05 10:34:52 2015 by Log 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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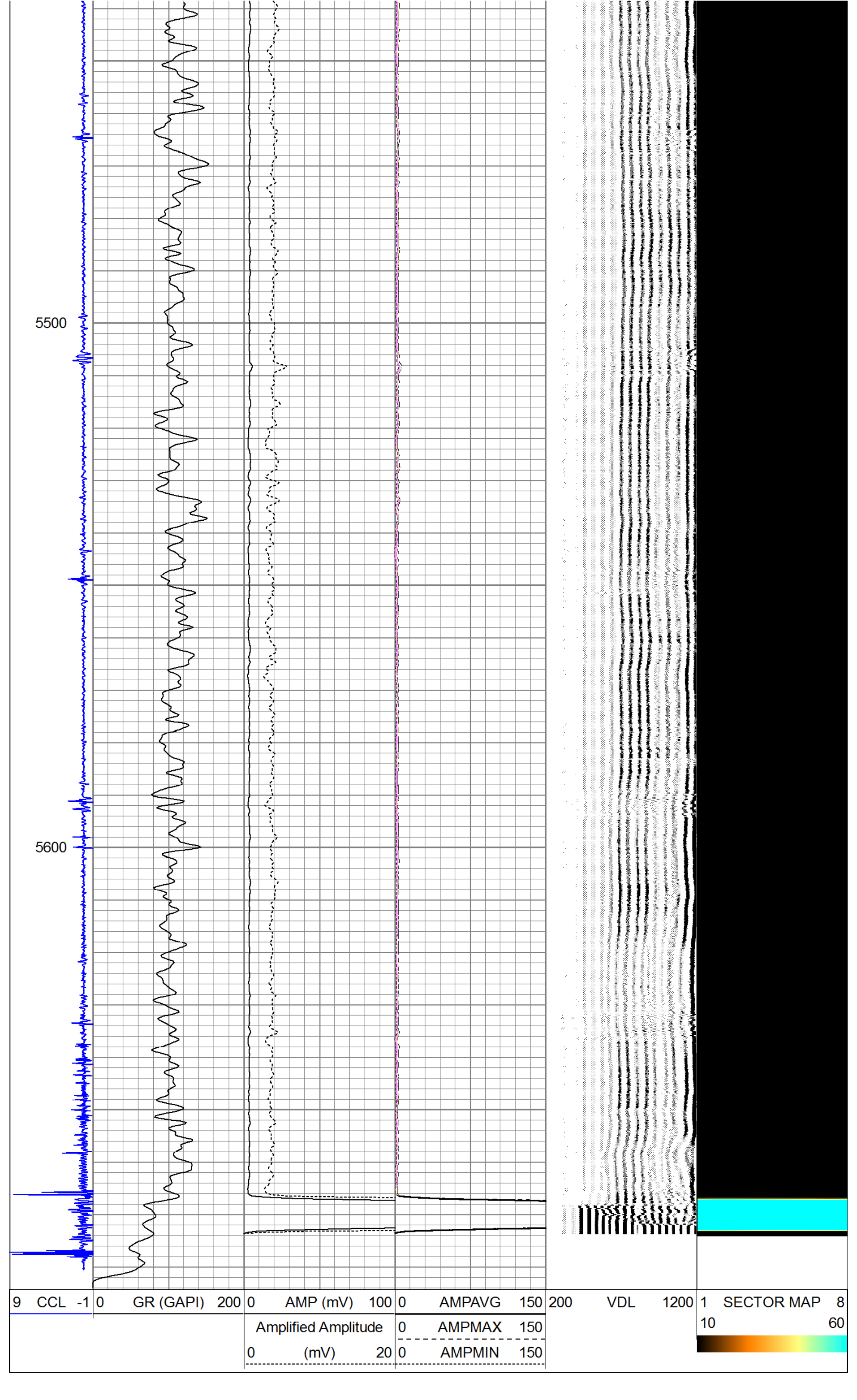
REPEAT SECTION

Database File: 2-014056.db
Dataset Pathname: pass2
Presentation Format: scbl02
Dataset Creation: Fri Jun 05 10:28:59 2015 by Log SCH 120430
Charted by: Depth in Feet scaled 1:240



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