



**RADIAL CEMENT BOND
GAMMA RAY/CCLVDL**

Company ANTERO RESOURCES CORPORATION
 Well HEINTZMAN UNIT 2H
 Field MARCELLUS
 County TYLER
 State W.V.

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Location: API #: 47095025270000

Permanent Datum	SEC	TWP	RGE	Elevation	N/A	Other Services K.B: N/A D.F: N/A G.L: N/A
Log Measured From						
Drilling Measured From						

Date	2/4/19
Run Number	ONE
Depth Driller	17364'
Depth Logger	7042'
Bottom Logged Interval	7042'
Top Log Interval	SURFACE
Open Hole Size	8.5"
Type Fluid	H2O
Density / Viscosity	N/A
Max. Recorded Temp.	141 DEG
Estimated Cement Top	340 FT
Time Well Ready	N/A
Time Logger on Bottom	N/A
Equipment Number	340
Location	BRIDGEPORT.WV
Recorded By	JBOGGS
Witnessed By	JAY TEPFER

Borehole Record

Casing Record

Run Number	Bit	From	To	Size	Weight	From	To
				5.5	23	0	17364

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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 USING KLX ENERGY SERVICES
 SHIFTED DOWN HOLE 15 FT DOWN HOLE TO MATCH PIPE TALLY
 TOP OF CEMENT @ 340'
 BOTTOM HOLE TEMP- 141 DEG
 MARKER JOINT @ 5881-5891'



MAIN LOG 1500 PSI

Database File: f:\2019 antero\pyle run\heintzman_2h.db
 Dataset Pathname: pass3.1
 Presentation Format: antero
 Dataset Creation: Mon Feb 04 14:41:10 2019 by Calc 7.0 B1
 Charted by: Depth in Feet scaled 1:240

225	Travel Time (usec)	125
9	Casing Collars	-1
0	Gamma Ray	180
0	TEMP (degF)	100

Amplitude	0	Amp Avg	150	200	VDL	1200
(mV)	100	Amp Max	150			
0 AmpX5 (mV)	20	Amp Min	150			
1 BONDIX	0					

1	Sector Map	12
20		60

TEMP (degF)



