



**RADIAL CEMENT BOND
GAMMA RAY
VDL, CCL**

Company ANTERO RESOURCES CORPORATION
Well BUFFALO UNIT 2H
Field MARCELLUS
County RITCHIE
State WV

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Location: API #: 47085102430000 Other Services

Permanent Datum	SEC	TWP	RGE	Elevation
Log Measured From				K.B.
Drilling Measured From				D.F.
				G.L.

Date	1-11-19			
Run Number	1			
Depth Driller	14188'			
Depth Logger	7413'			
Bottom Logged Interval	7413'			
Top Log Interval	SURFACE			
Open Hole Size	5.5" CASING			
Type Fluid	WATER			
Density / Viscosity	N/A			
Max. Recorded Temp.	140 DEG			
Estimated Cement Top	688'			
Time Well Ready	N/A			
Time Logger on Bottom	21:18			
Equipment Number	640		CREW	
Location	BRIDGEPORT WW		K NICHOLAS	
Recorded By	PAT DAVIDSON		J TATE	
Witnessed By	JOHN MAXWELL		J AMAN	

Borehole Record Casing Record

Run Number	Bit	From	To	Size	Weight	From	To
				13.375		SURFACE	594'
				9.625		SURFACE	2678'
				5.5	23#	SURFACE	14188'

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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

**CBL IS CORRELATED TO PRODUCTION CASING TALLEY MARKER JOINT
DEPTH SHIFTED +2' TO KB AFTER CORRELATION
MARKER JOINT RECORDED AT 6181' TO 6191'
BOTTOM HOLE TEMP 140DEG
LOG RAN UNDER PRESSURE @1500PSI**



MAIN PASS @ 1500PSI

Database File: antero_buffalo2h.db
 Dataset Pathname: merge1
 Presentation Format: antero
 Dataset Creation: Tue Jan 15 19:18:05 2019
 Charted by: Depth in Feet scaled 1:240

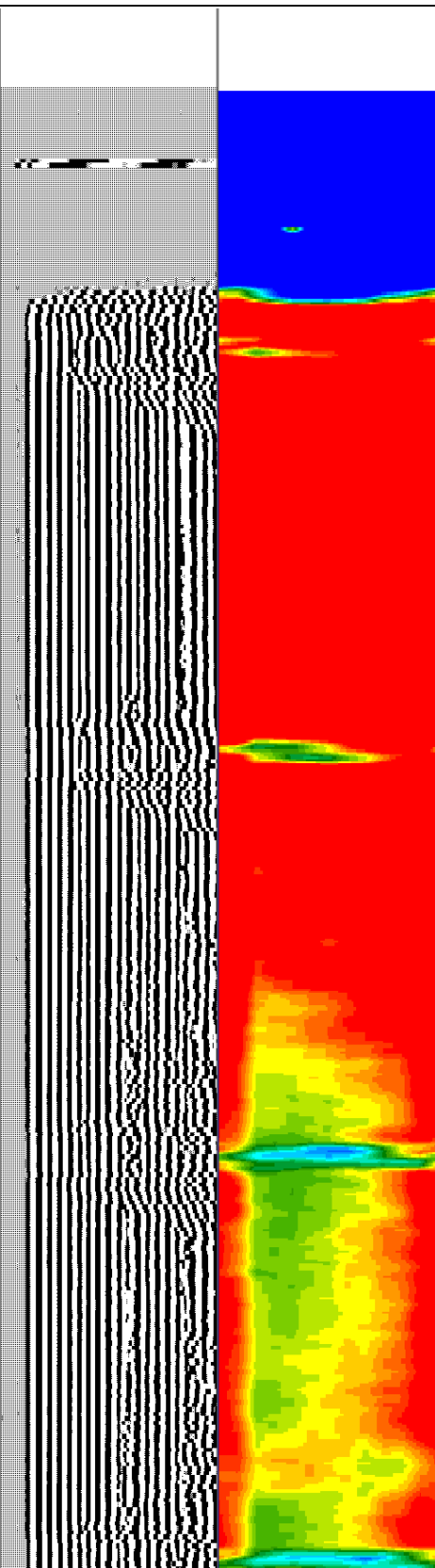
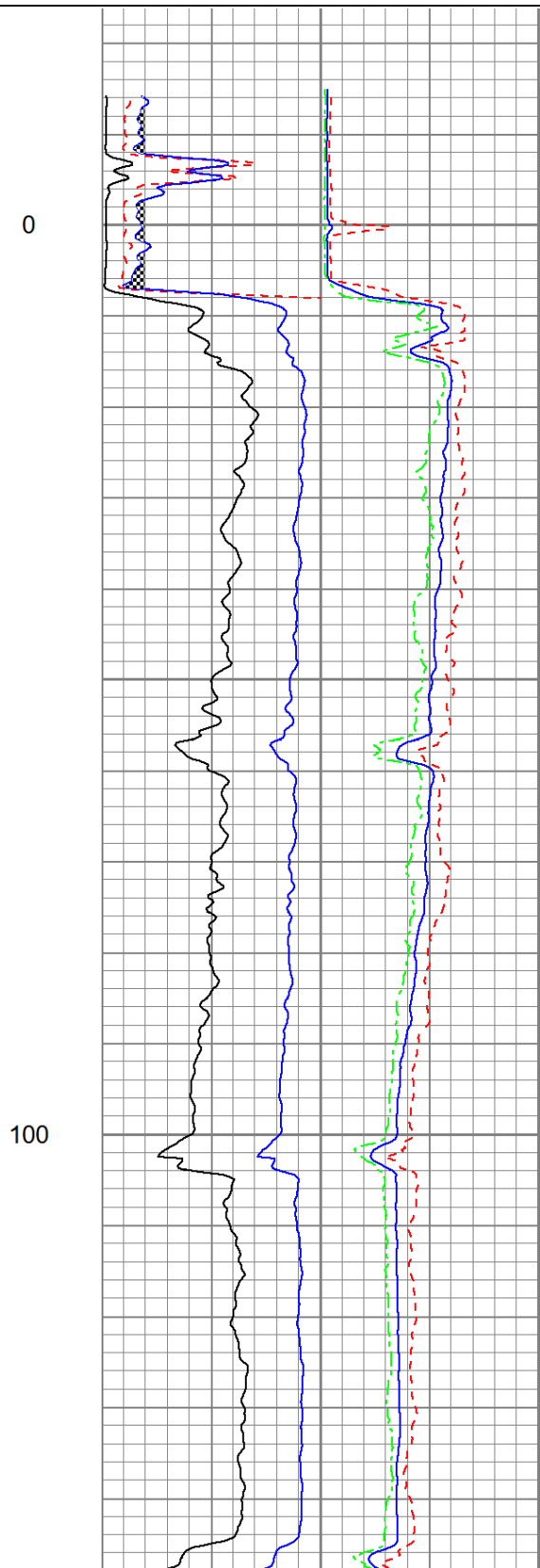
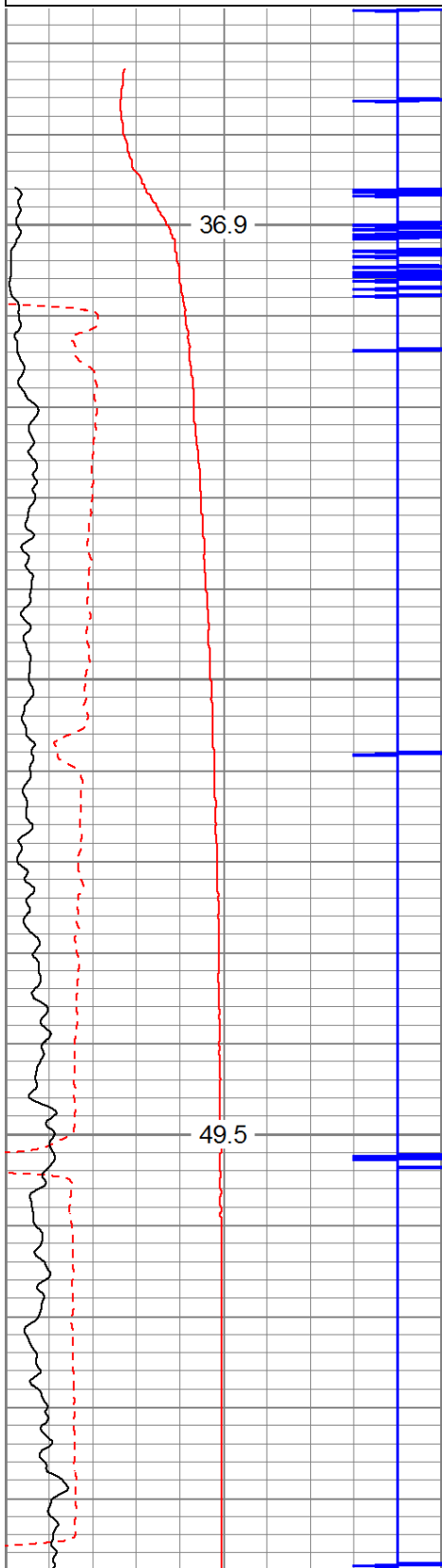
225	Travel Time (usec)	125
9	Casing Collars	-1
0	Gamma Ray	180
0	TEMP (degF)	100

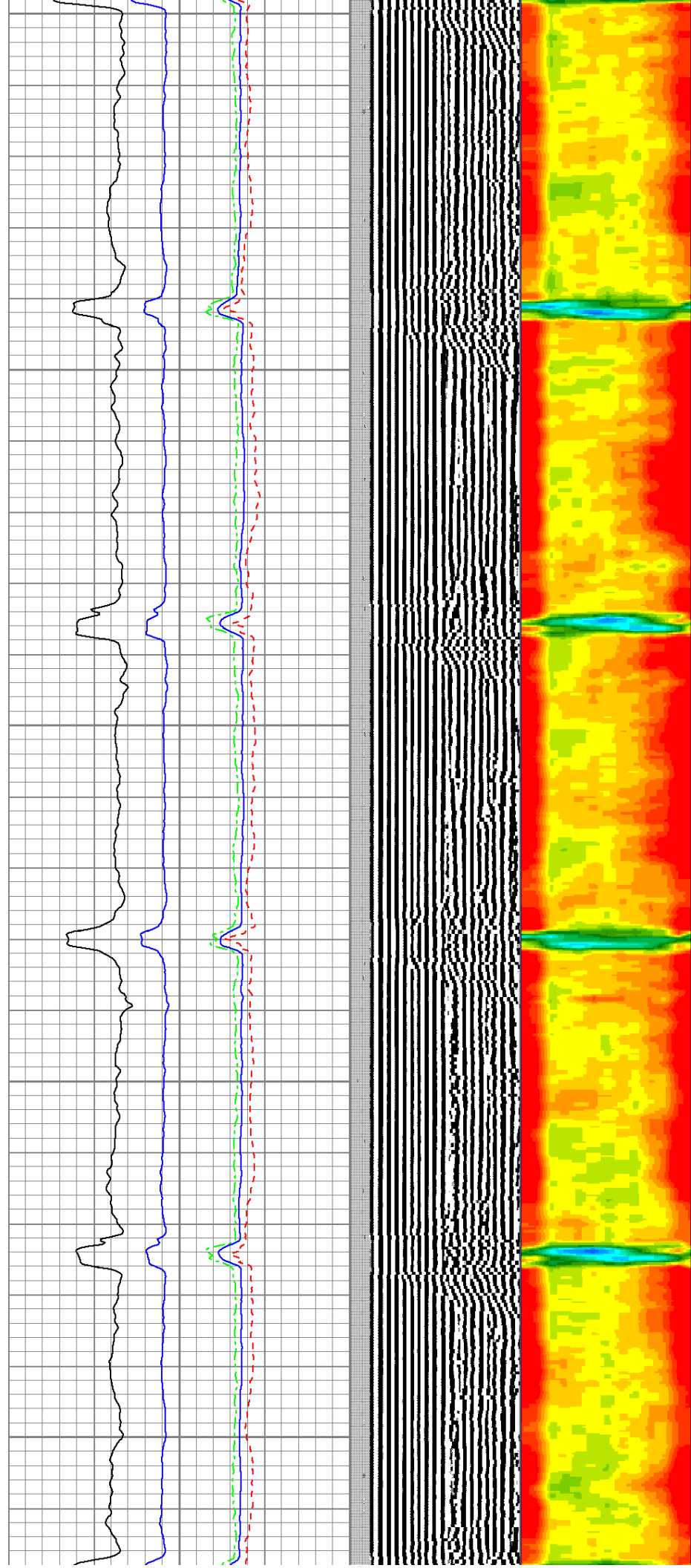
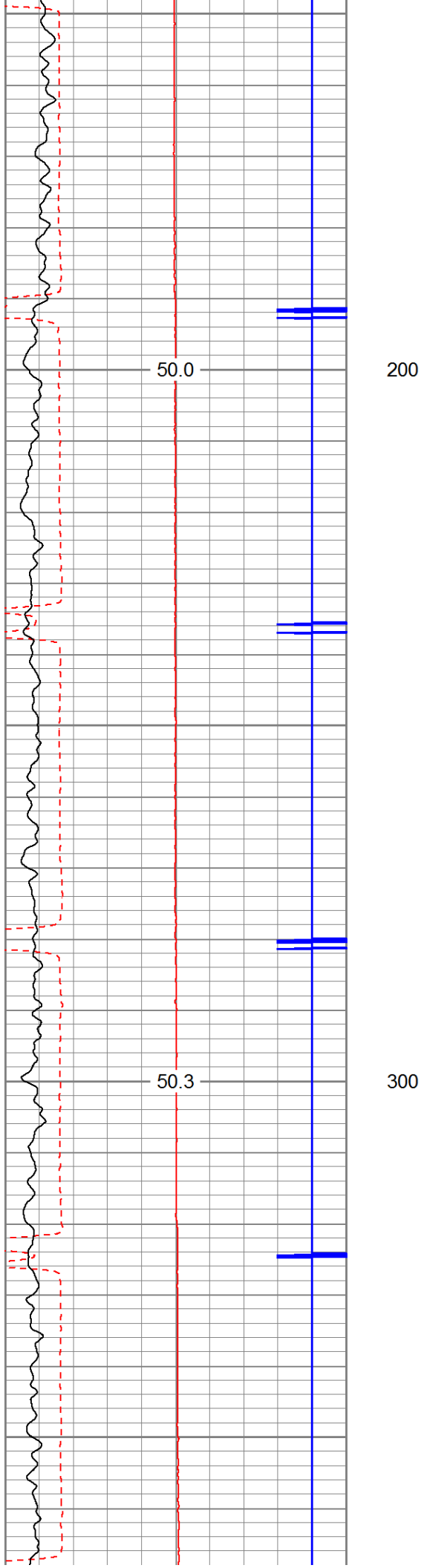
Amplitude	0	Amp Avg	150
(mV)	100	Amp Max	150
AmpX5 (mV)	20	Amp Min	150
BONDIX	0		

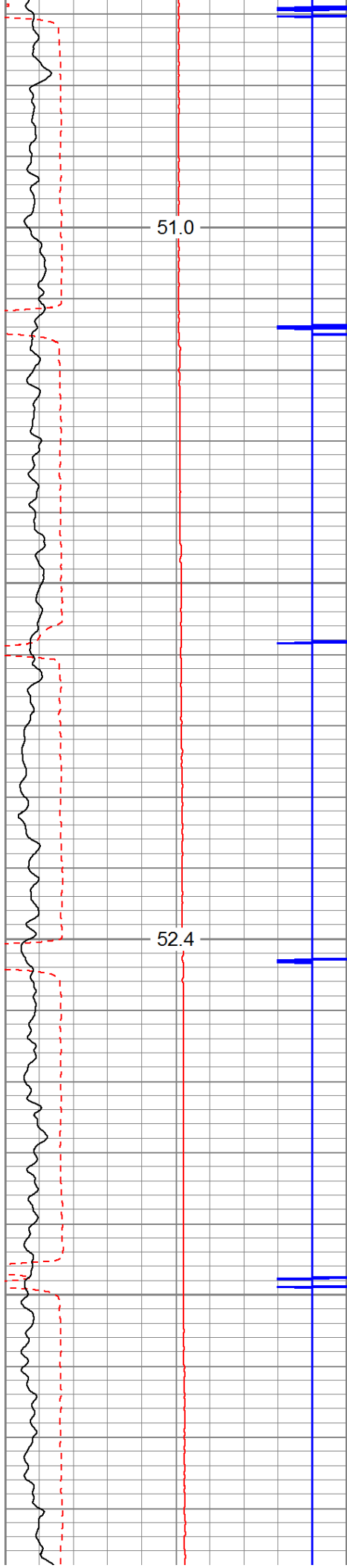
200 VDL 1200 1 Sector Map 12
 20 60



TEMP (degF)







400

500

