



**RADIAL BOND
GAMMA RAY
CCL**

Company ANADARKO
Well PARADIZE 4-15HZ
Field WATTENBERG
County WELD
State Colorado

Location: API # : 05-123-33146
SE SW 472FSL 2112FWL
LAT:40.13220
LONG:-104.87850
SEC 15 TWP 2N RGE 67W
Permanent Datum GL
Log Measured From KB=16'
Drilling Measured From KB
Elevation 4997'
Other Services K.B. 5013'
D.F. 5012'
G.L. 4997'

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Date 8-1-2019

Run Number 1
Depth Driller 12009'
Depth Logger 500'
Bottom Logged Interval 500'
Top Log Interval SURFACE
Open Hole Size 8.50"
Type Fluid WATER
Density / Viscosity ~8.3
Max. Recorded Temp.
Estimated Cement Top 100'
Time Well Ready
Time Logger on Bottom
Equipment Number 058
Location Windsor, CO
Recorded By RYAN ALLES
Witnessed By B. TRACY

Borehole Record			Tubing Record				
Run Number	Bit	From	To	Size	Weight	From	To

	Size	Wgt/Ft	Top	Bottom
Casing Record				
Surface String	9.63"	36#	SURFACE	1039'
Prot. String	7"	26#	SURFACE	7884'
Production String	4.5"	11.6#	SURFACE	11,999'
Liner				

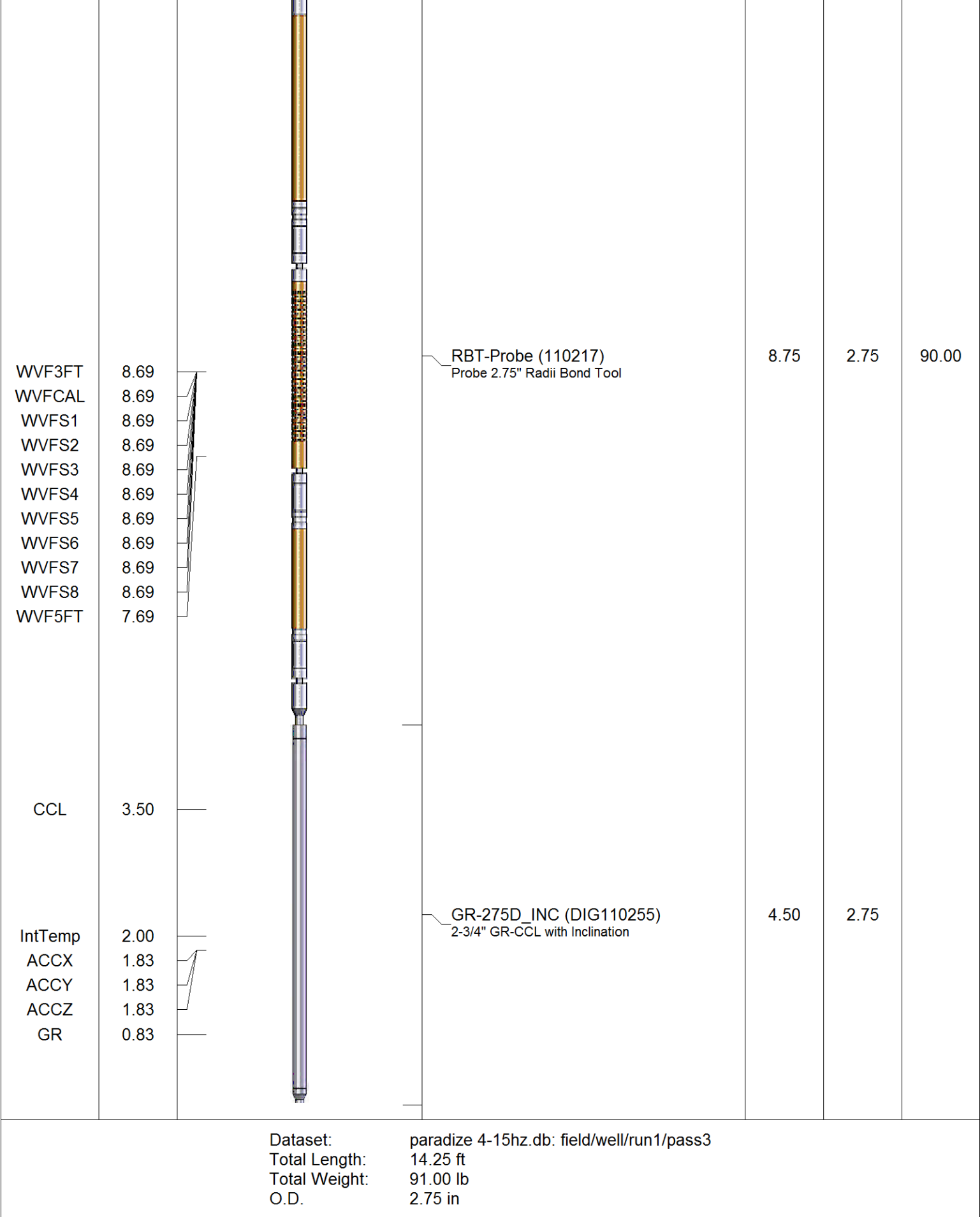
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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.

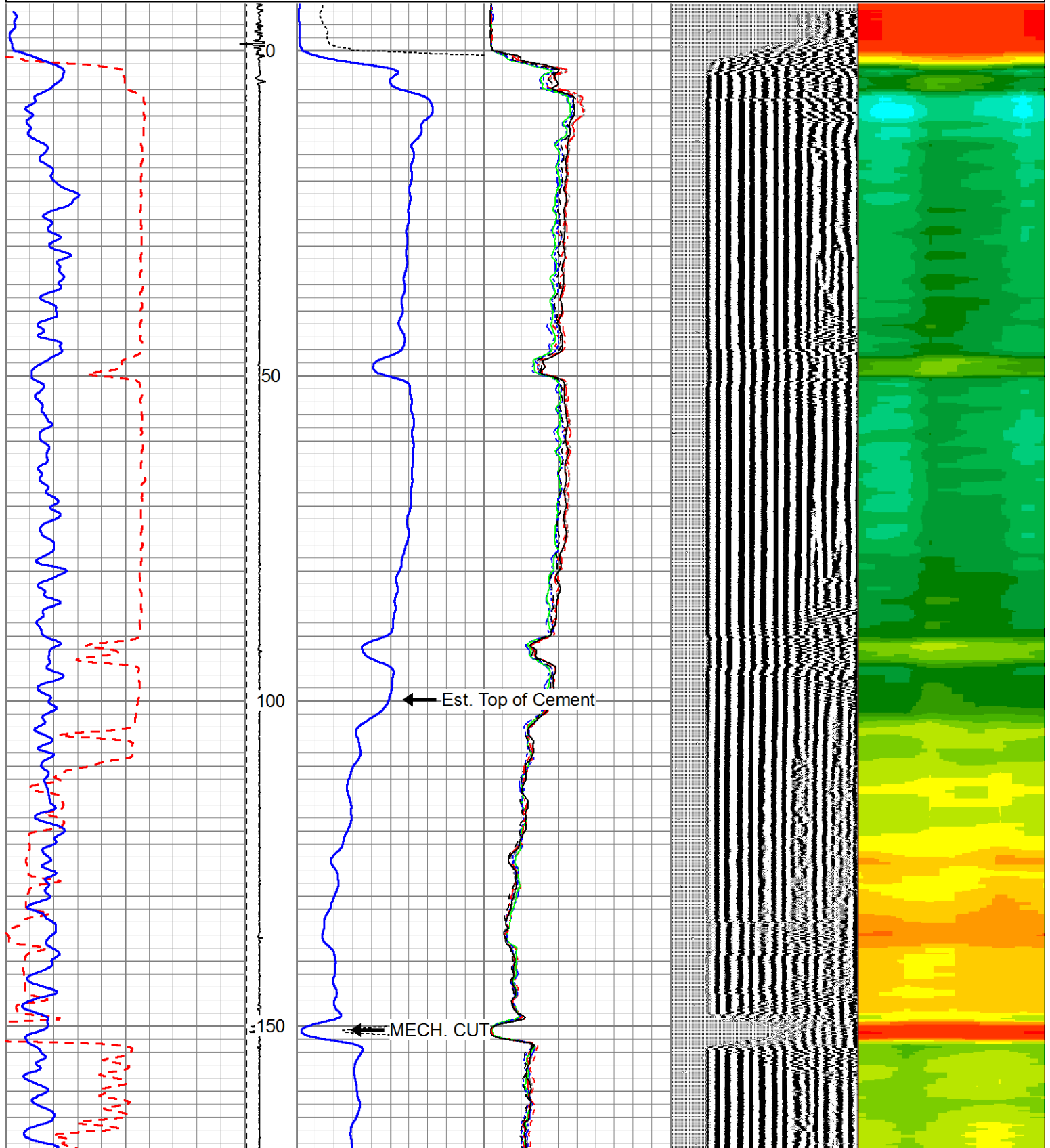
Comments

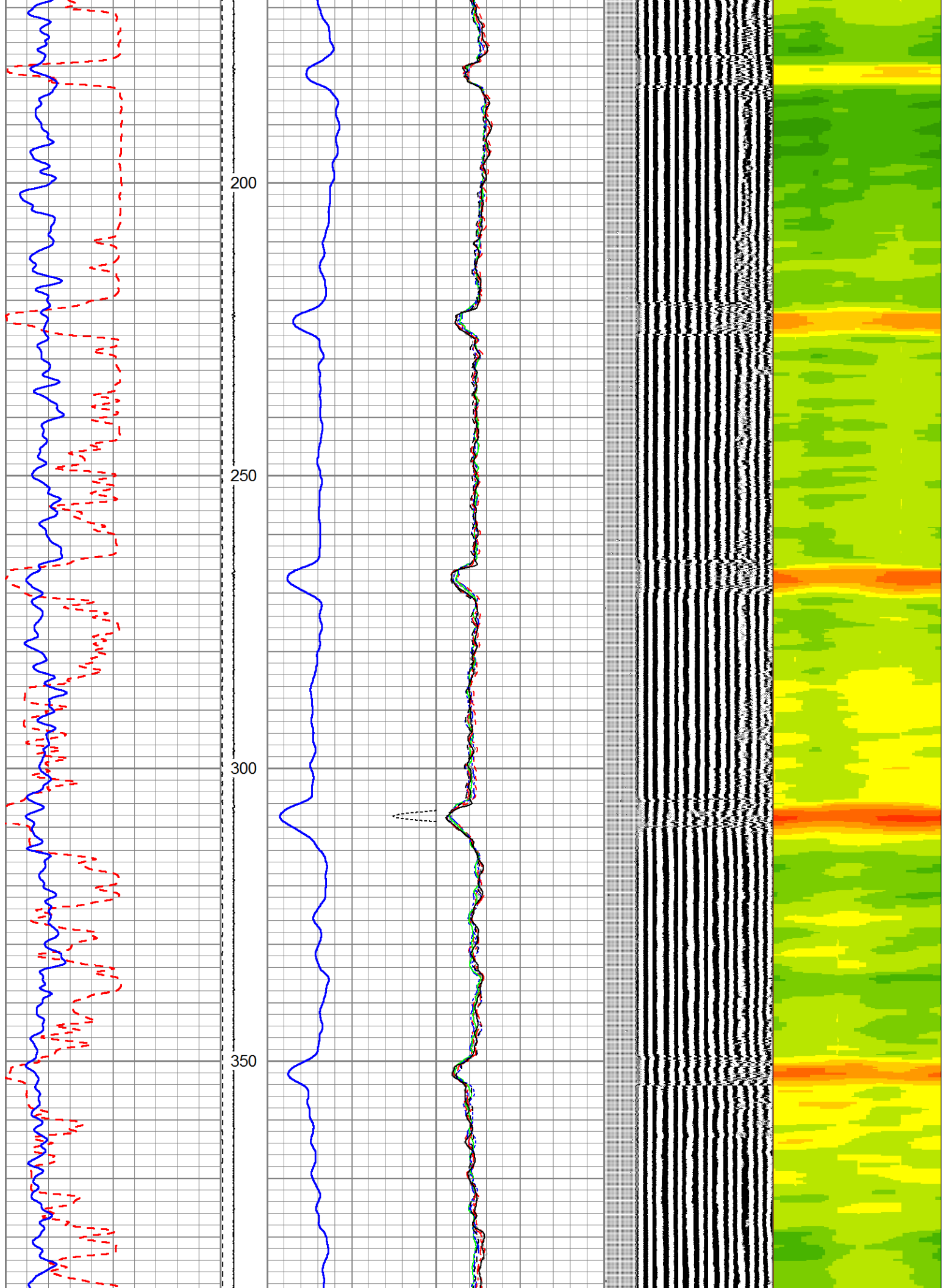
RAN CEMENT BOND LOG TO VERIFY CEMENT TOP
THANK YOU FOR USING CUTTERS WIRELINE
SHOP CAL 01-2019 LOG RAN AT 0 PSI
FREE PIPE CAL @80'

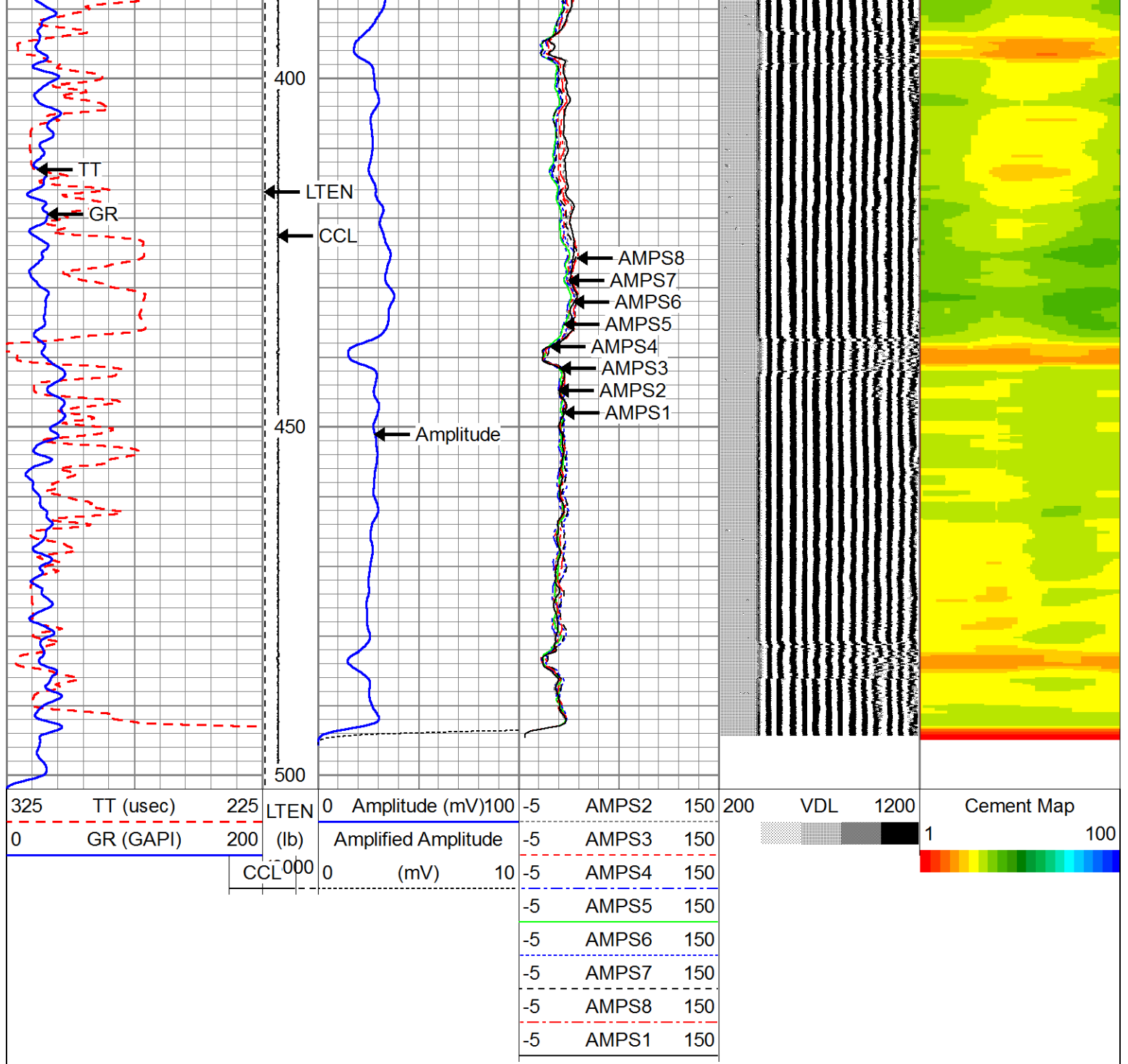
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			Standard Standard Cable Head	1.00	1.69	1.00



Charted by:		Depth in Feet scaled 1.240											
325	TT (usec)	225	LTEN	0	Amplitude (mV)	100	-5	AMPS2	150	200	VDL	1200	Cement Map
0	GR (GAPI)	200	(lb)	0	Amplified Amplitude		-5	AMPS3	150				
			CCL	000	(mV)	10	-5	AMPS4	150				
							-5	AMPS5	150				
							-5	AMPS6	150				
							-5	AMPS7	150				
							-5	AMPS8	150				
							-5	AMPS1	150				







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