RADIAL BOND LOG

GO WIRELINE LLC

Company	HIGHPOINT RESOURCES
Well	ANSCHUTZ COFFELT 5-61-35-1609B
Field	WATTENBURG
County	WELD
State	CO

Company HIGHPOINT RESOURCES
Well ANSCHUTZ COFFELT 5-61-35-1609B
Field WATTENBURG
County WELD State CO

Location: API # : 05-123-49130
SWNW
1590' FNL & 320 FWL
SEC 35 TWP 5N RGE 61W

Other Services
NONE

Permanent Datum	GROUND LEVEL Elevation	4491'
Log Measured From	KB 16.5'	
Drilling Measured From	KELLY BUSHING	

Elevation
K.B. 4508'
D.F. --
G.L. 4491'

Date	07-19-2019
Run Number	ONE
Depth Driller	15966'
Depth Logger	NA
Bottom Logged Interval	5883'
Top Log Interval	SURFACE
Open Hole Size	6.125"
Type Fluid	H2O
Density / Viscosity	8.3 / H2O
Max. Recorded Temp.	NR
Estimated Cement Top	SEE LOG
Time Well Ready	1425
Time Logger on Bottom	1545
Equipment Number	216
Location	GREELEY, CO
Recorded By	S. STUMP
Witnessed By	ANDREW PEETOOM

Borehole Record

Run Number	Bit	From	To

Tubing Record

Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9.625"	36#	SURFACE	977'
Prot. String	7"	23#	SURFACE	6229'
Production String				
Liner	4.5"	11.6#	SURFACE	15958.5'

FINAL PRINT

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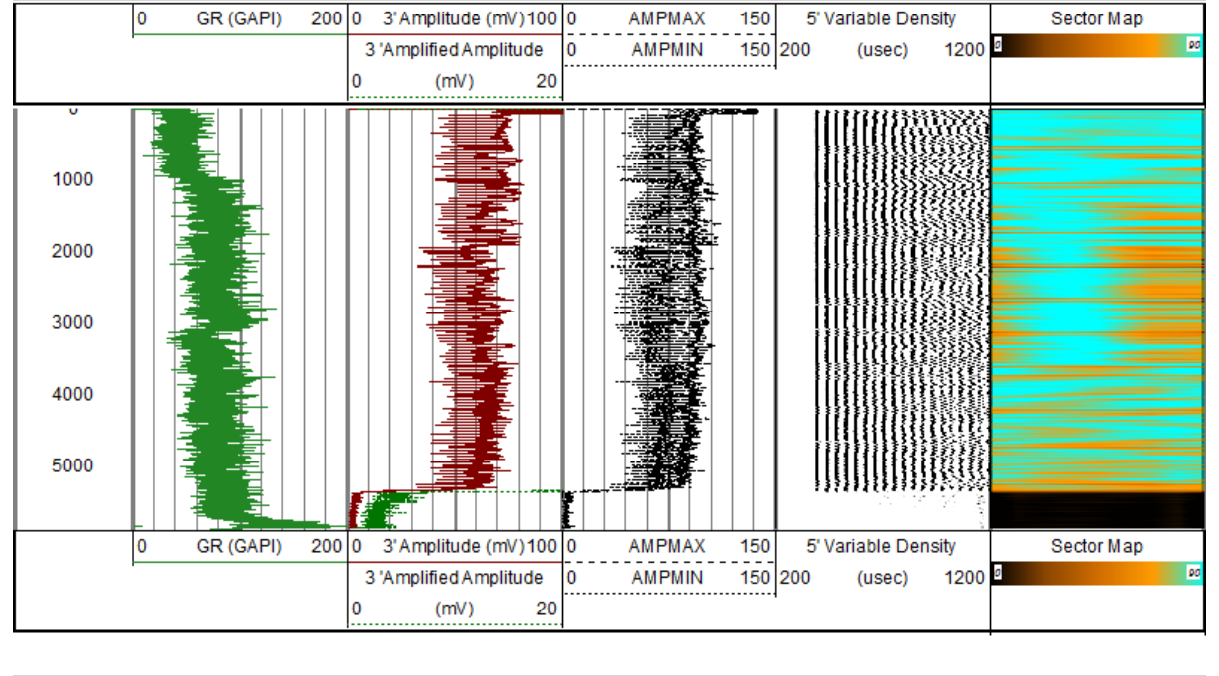
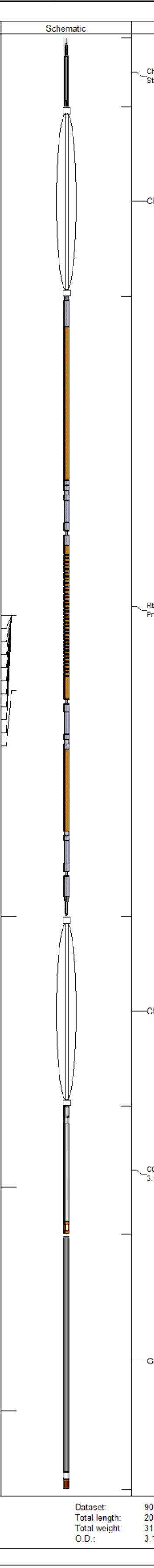
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

INFORMATION PROVIDED BY COMPANY
REPRESENTATIVE

Database File	d:\________all work 2018\_____all customers\high point\anschutz coffelt 05-61-34-1609b\90117.db
Dataset Pathname	1INCH
Presentation Format	sbt1inch
Dataset Creation	Fri Jul 19 16:49:37 2019
Charted by	Depth in Feet scaled 1:25000





Sensor	Offset (ft)	Description	Length (ft)	O.D. (in)	Weight (lb)
		CHD-STNDRD Standard Cable Head	1.00	1.44	1.00
		CENT-tekco	2.73	2.75	50.00
WVFS8 WVFS7 WVFS6 WVFS5 WVFS4 WVFS3 WVFS2 WVFS1 WVFCAL WVF3FT WVF5FT	12.56 12.56 12.56 12.56 12.56 12.56 12.56 12.56 12.56 12.56 11.48	RBT-Probe (DD1) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
HEADVOLT	8.23				
		CENT-tekco	2.73	2.75	50.00
CCL	4.33	CCL-tecko (D2) 3.125 logging ccl	1.83	3.13	20.00
GR	1.13	GR-probe 2.75 (DA1)	3.67	2.75	100.00

Dataset: 90117.db: field/well/run1/pass5
Total length: 20.88 ft
Total weight: 311.00 lb
O.D.: 3.13 in

Calibration Report

Database File	D:\________All Work 2018\_____ALL Customers\High Point\Anschutz Coffelt 05-61-34-1609B\90117.db
Dataset Pathname	pass5
Dataset Creation	Fri Jul 19 15:43:05 2019

Gamma Ray Calibration Report

Serial Number:	DA1	
Tool Model:	probe 2.75	
Performed:	Tue Dec 15 12:23:42 2015	
Calibrator Value:	200.0	GAPI
Background Reading:	39.6	cps
Calibrator Reading:	259.2	cps
Sensitivity:	0.9108	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	DD1	
Tool Model:	Probe	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	1257.583	ft

Master Calibration, performed Fri Jul 19 10:56:59 2019:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.007	0.607	1.500	81.196	132.838	0.525
CAL	0.007	1.000				
5'	0.003	0.564	1.500	81.196	142.213	1.042
SUM						
S1	0.063	0.646	0.000	100.000	171.449	-10.718
S2	0.013	0.628	0.000	100.000	162.666	-2.176
S3	0.013	0.632	0.000	100.000	161.549	-2.112
S4	0.012	0.627	0.000	100.000	162.614	-1.927
S5	0.012	0.617	0.000	100.000	165.171	-1.954
S6	0.013	0.617	0.000	100.000	165.632	-2.123
S7	0.012	0.626	0.000	100.000	162.837	-1.906
S8	0.014	0.636	0.000	100.000	160.694	-2.279

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.007	1.000	1.000	0.000

Air Zero Calibration, performed Fri Jul 19 07:02:28 2019:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000

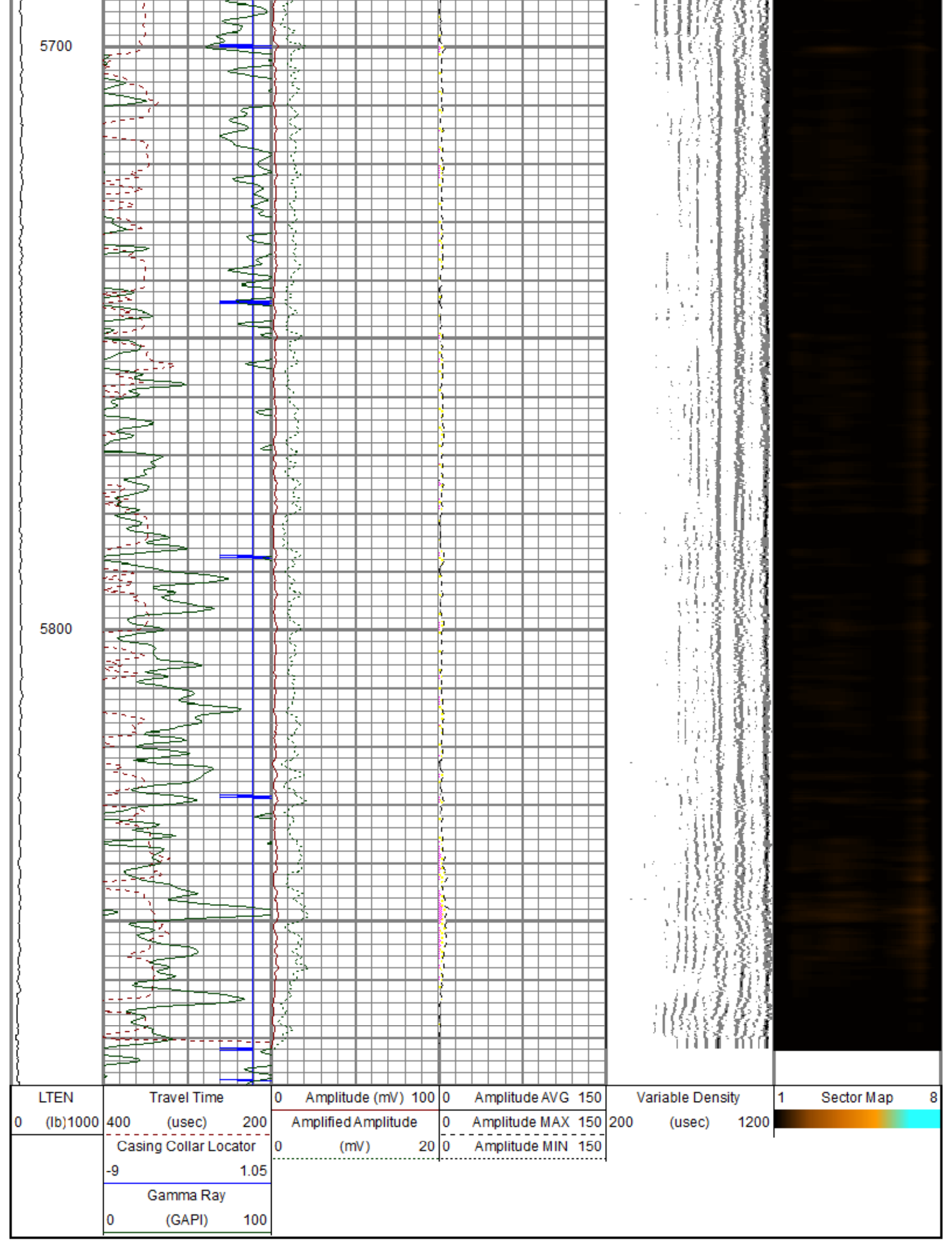
Database File	d:\________all work 2018\_____all customers\high point\anschutz coffelt 05-61-34-1609b\90117.db
Dataset Pathname	PASS1
Presentation Format	rbl
Dataset Creation	Fri Jul 19 15:12:28 2019
Charted by	Depth in Feet scaled 1:240

LTEN 0 (lb)1000	Travel Time 400 (usec) 200 Casing Collar Locator -9 1.05 Gamma Ray 0 (GAPI) 100	0 Amplitude (mV) 100 Amplified Amplitude 0 (mV) 20	0 Amplitude AVG 150 0 Amplitude MAX 150 0 Amplitude MIN 150	Variable Density 200 (usec) 1200	1 Sector Map 8

REPEAT PASS 0 PSI

Database File d:\________all work 2018____all customers\high point\anschutz coffelt 05-61-34-1609b\90117.db
Dataset Pathname REPEAT
Presentation Format rbl
Dataset Creation Fri Jul 19 16:42:20 2019
Charted by Depth in Feet scaled 1:240

LTEN 0 (lb)1000	Travel Time 400 (usec) 200 Casing Collar Locator -9 1.05 Gamma Ray 0 (GAPI) 100	0 Amplitude (mV) 100 Amplified Amplitude 0 (mV) 20	0 Amplitude AVG 150 0 Amplitude MAX 150 0 Amplitude MIN 150	Variable Density 200 (usec) 1200	1 Sector Map 8



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REPEAT PASS 0 PSI