RADIAL BOND LOG

Company	HIGH POINT RESOURCES
Well	SIEBRING 05-63-32-2424BN
Field	WATTENBERG
County	WELD
State	CO

Company HIGH POINT RESOURCES
Well SIEBRING 05-63-32-2424BN
Field WATTENBERG
County WELD State CO

Location: API #: 05-123-50647-00
SENE
2423' FNL & 256' FEL
SEC 32 TWP 5N RGE 63W

Other Services
NONE

Permanent Datum GROUND LEVEL Elevation 4568.3'
Log Measured From KB 16.5'
Drilling Measured From KELLY BUSHING

Elevation
K.B. 4584.8'
D.F. --
G.L. 4568.3'

Date	MAY 22, 2020
Run Number	ONE
Depth Driller	12,322.3'
Depth Logger	N/A
Bottom Logged Interval	6730'
Top Log Interval	SURFACE
Open Hole Size	8.75"
Type Fluid	H2O
Density / Viscosity	NR
Max. Recorded Temp.	226 DEG F
Estimated Cement Top	SEE LOG
Time Well Ready	1330
Time Logger on Bottom	1400
Equipment Number	216
Location	GREELEY
Recorded By	S. KERBY
Witnessed By	CHRIS CUMBERLAND

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9.625"	36#	SURFACE	1576.5'
Prot. String				
Production String	4.5"	11.6#	SURFACE	12,322.3'
Liner				

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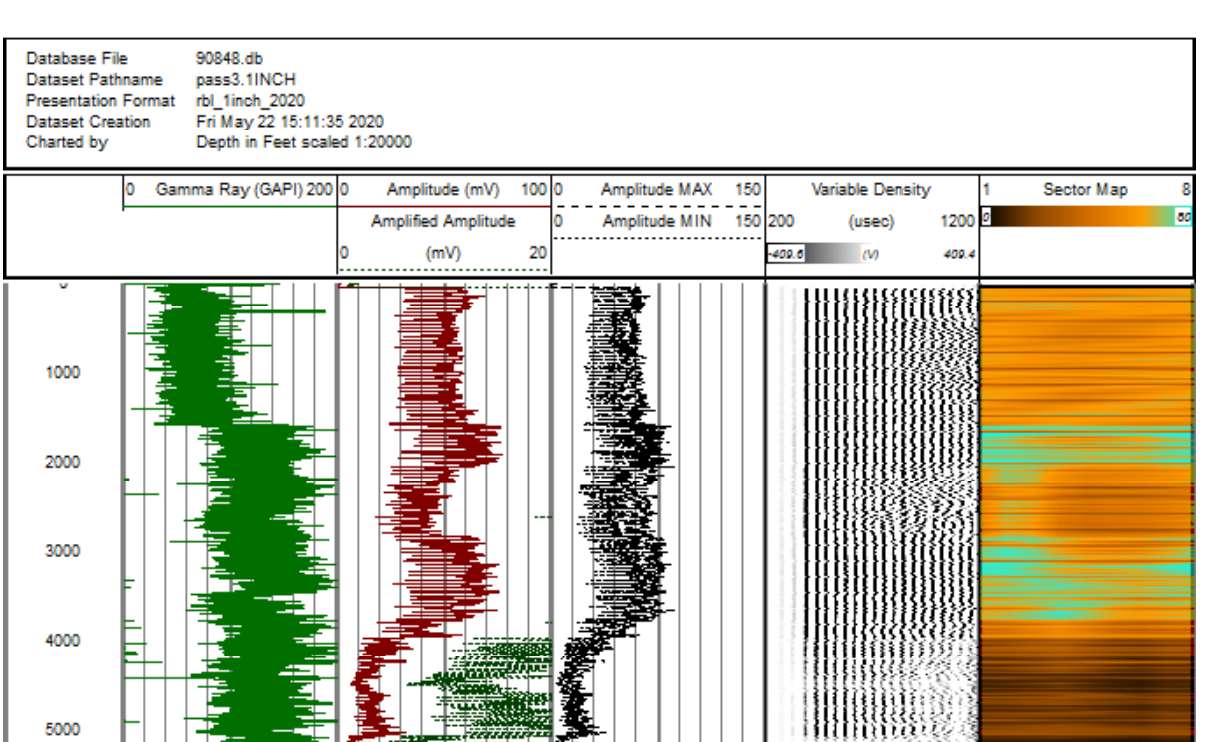
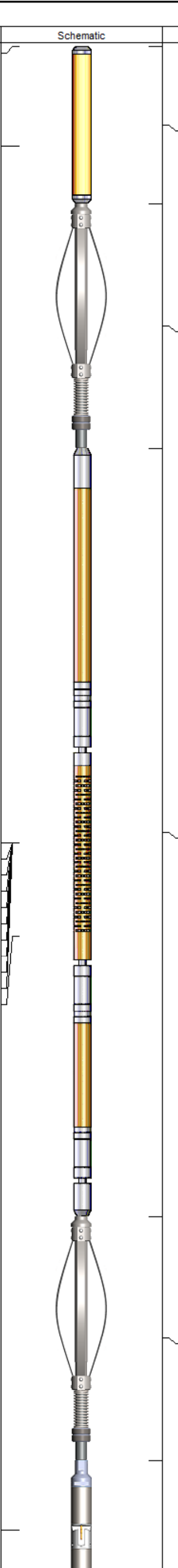
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

Comments

INFORMATION PROVIDED BY COMPANY REPRESENTATIVE

Database File	90848.db
Dataset Pathname	pass3.1INCH
Presentation Format	rbl_1inch_2020
Dataset Creation	Fri May 22 15:11:35 2020
Charted by	Depth in Feet scaled 1:20000



Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
Error_Ct	22.16					
CCL	20.99		CCL-tecko (2.75CCL) 2.75 logging ccl	1.83	2.75	20.00
			CENT-BC275-0000 Probe 2.75" Bowspring Centralizer	2.83	2.75	24.00
WVFS8	12.91		RBT-Probe (DD1) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
WVFS7	12.91					
WVFS6	12.91					
WVFS5	12.91					
WVFS4	12.91					
WVFS3	12.91					
WVFS2	12.91					
WVFS1	12.91					
WVFCAL	12.91					
WVF3FT	12.91					
WVF5FT	11.82					
			CENT-BC275-0000 Probe 2.75" Bowspring Centralizer	2.83	2.75	24.00
GCT_Temp	4.94					
GR	4.07		GC-GCT275-00SA (GCT275-00SA_base) Probe 2.75" Gamma Ray w/ Temp	4.06	2.75	46.00
			TEMP-T1375-0001 (T1375-0001_Base) T1375-0001	1.68	1.38	6.00
TTD_TEMP	0.18					

Dataset:	90848.db: field/well/run1/pass3
Total length:	22.16 ft
Total weight:	210.00 lb
O.D.:	2.75 in

Calibration Report

Database File	90848.db
Dataset Pathname	pass3
Dataset Creation	Fri May 22 13:51:06 2020

Gamma Ray Calibration Report

Serial Number:	GCT275-00SA_base	
Tool Model:	GCT275-00SA	
Performed:	(Not Performed)	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	DD1	
Tool Model:	Probe	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	3317.321	ft

Master Calibration, performed Fri May 22 11:59:36 2020:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.010	0.640	1.500	81.196	100.468	0.250
CAL	0.013	1.036				
5'	0.009	0.664	1.500	81.196	121.657	0.406
SUM						
S1	0.000	0.991	0.000	100.000	100.911	-0.013
S2	0.000	0.991	0.000	100.000	100.911	-0.013
S3	0.000	0.991	0.000	100.000	100.911	-0.012
S4	0.000	0.991	0.000	100.000	100.911	-0.012
S5	0.000	0.991	0.000	100.000	100.911	-0.012
S6	0.000	0.991	0.000	100.000	100.911	-0.012
S7	0.000	0.991	0.000	100.000	100.911	-0.012
S8	0.000	0.991	0.000	100.000	100.911	-0.013

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.013	1.036	1.000	0.000

Air Zero Calibration, performed Fri May 22 09:25:56 2020:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.004	0.000	0.005
5'	0.014	0.000	-0.005
SUM			
S1	0.010	0.000	-0.004
S2	0.005	0.000	-0.004
S3	0.004	0.000	-0.004
S4	0.005	0.000	-0.004
S5	0.004	0.000	-0.004
S6	0.004	0.000	-0.004
S7	0.004	0.000	-0.004
S8	0.005	0.000	-0.004

MAIN PASS 0 PSI

Database File	90848.db
Dataset Pathname	pass3
Presentation Format	rbl_all_8_2020
Dataset Creation	Fri May 22 13:51:06 2020
Charted by	Depth in Feet scaled 1:240

LTEN 0 (lb) 1000	3' Travel Time 400 (usec) 200	0 3' Amplitude (mV) 100	0 AMPS1 100	5' Variable Density 200 (usec) 1200	1 SECTORS 8
LSPD (ft/min) 500 -500	Casing Collar Locator	3 'Amplified Amplitude 0 (mV) 20	0 AMPS2 100	-409.6 (V) 204.7	-2 66
	0 Gamma Ray (GAPI) 200	GCT_TEMP (degF)	0 AMPS3 100		
			0 AMPS4 100		
			0 AMPS5 100		
			0 AMPS6 100		
			0 AMPS7 100		
			0 AMPS8 100		

GO WIRELINE LLC

MAIN PASS 0 SPI

REPEAT PASS 0 PSI

Database File	90848.db
Dataset Pathname	pass2
Presentation Format	rbl_all_8_2020
Dataset Creation	Fri May 22 13:45:12 2020
Charted by	Depth in Feet scaled 1:240

LTEN
0 (lb) 1000
LSPD
(ft/min)
500 -500

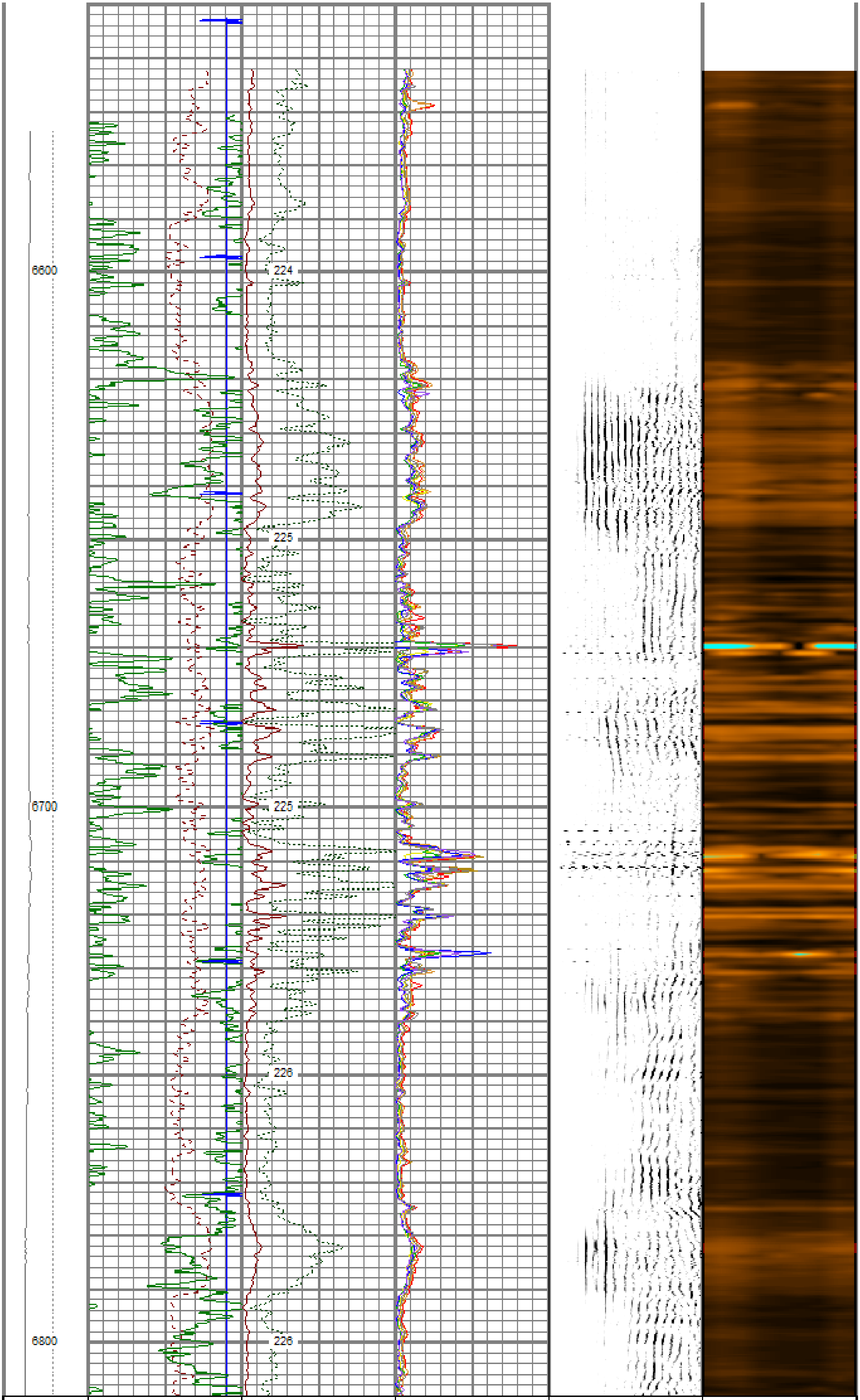
3' Travel Time
400 (usec) 200
Casing Collar Locator
0 Gamma Ray (GAPI) 200

0 3' Amplitude (mV) 100
3 'Amplified Amplitude
0 (mV) 20
GCT_TEMP
(degF)

0 AMPS1 100
0 AMPS2 100
0 AMPS3 100
0 AMPS4 100
0 AMPS5 100
0 AMPS6 100
0 AMPS7 100
0 AMPS8 100

5' Variable Density
200 (usec) 1200
-409.6 (V) 204.7

1 SECTORS 8
-2 65



LTEN
0 (lb) 1000
LSPD
(ft/min)
500 -500

3' Travel Time
400 (usec) 200
Casing Collar Locator
0 Gamma Ray (GAPI) 200

0 3' Amplitude (mV) 100
3 'Amplified Amplitude
0 (mV) 20
GCT_TEMP
(degF)

0 AMPS1 100
0 AMPS2 100
0 AMPS3 100
0 AMPS4 100
0 AMPS5 100
0 AMPS6 100
0 AMPS7 100
0 AMPS8 100

5' Variable Density
200 (usec) 1200
-409.6 (V) 204.7

1 SECTORS 8
-2 65

REPEAT PASS 0 PSI