

HALLIBURTON

FULLWAVE  
SEMBLANCE  
ANALYSIS  
5"=100'

COMPANY VULCAN POWER CO.  
WELL 86A-15  
FIELD SALT WELLS  
COUNTY CHURCHILL  
STATE NV

Location: UTMe 362560  
TMn 4355094

Elevations: K.B.: 4900' R.T.: ----- G.L.: 4884'

Date Processed	2008-09-10	Logs Processed	FWST
Job Number	6148468	Date Logged	2008-09-02
Interval Processed	761'-311'	Type Fluid In Hole	GEL
Processed By	P. LOWREY	Location	WDLD
Processed At	BKFLD RES		

--- COMPUTER PROCESSED PRODUCT ---

Fold Here

Service Ticket No.:	6148468	API Serial No.:	27-001-90367	PGM Version:	XL v5.8
DIRECTIONAL INFORMATION					
Maximum Deviation		deg. @		KOP	
Remarks:					
ANNULAR HOLE VOLUME CALCULATED USING 13.375" CASING.					
RUN 1: 09-02-2008, HRID-FIAC-HRTT-NGRT RUN IN COMBINATION.					
RUN 2: 09-02-2008, FWST-HRTT-FIAC-NGRT RUN IN COMBINATION.					
MRT RUN 1: 1-212F, 2-212F, 3-216F. 09-02-2008 2215 HR.					
MRT RUN 2: 1-212F. 2-212F, 3-216F. 09-03-2008 0030 HR.					
CREW: M. EMERSON, I. PYLES.					
RIG: ROCKET DRILLING NO. 2.					
HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHICH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR RECOMMENDATIONS AGREES THAT HALLIBURTON IS NOT RESPONSIBLE EXCEPT WHERE DUE TO GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, FOR ANY LOSS, DAMAGES, OR EXPENSES RESULTING FROM THE USE THEREOF.					
HALLIBURTON					

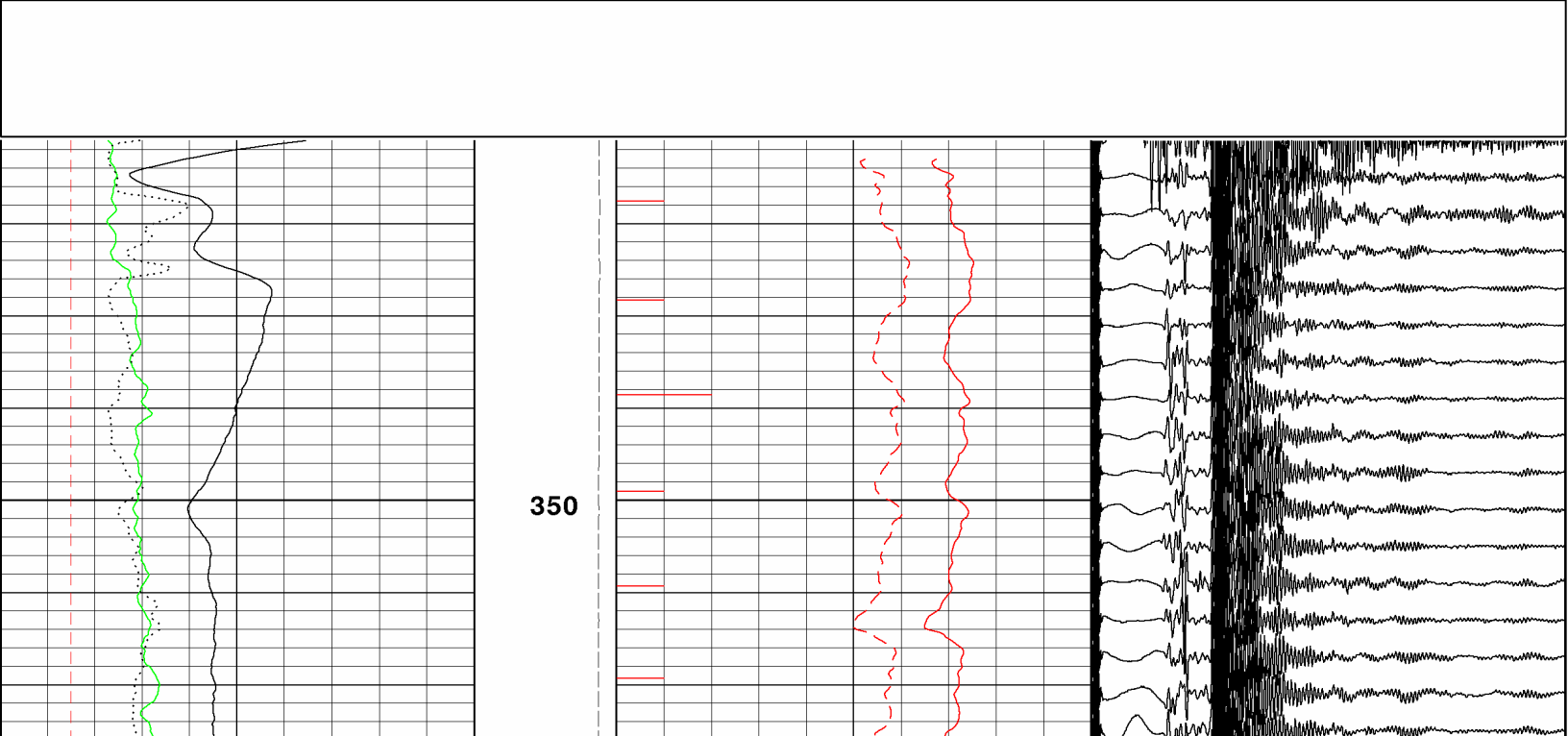
FULLWAVE SONIC DATA OF THE FOLLOWING CURVES:

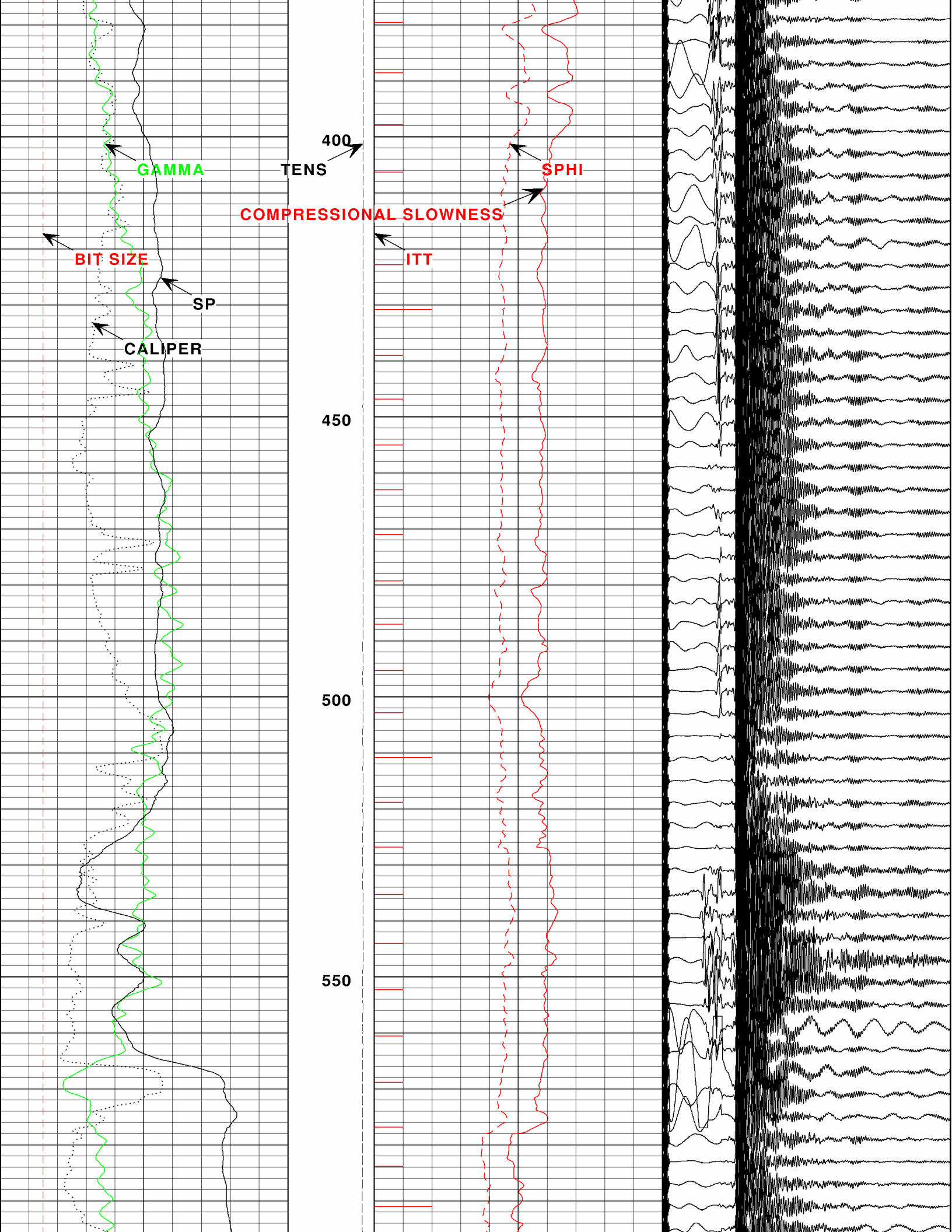
CURVE	UNIT	DESCRIPTION
GR	GAPI	NATURAL GAMMA
DTC	uS/FT	COMPRESSIONAL SLOWNESS

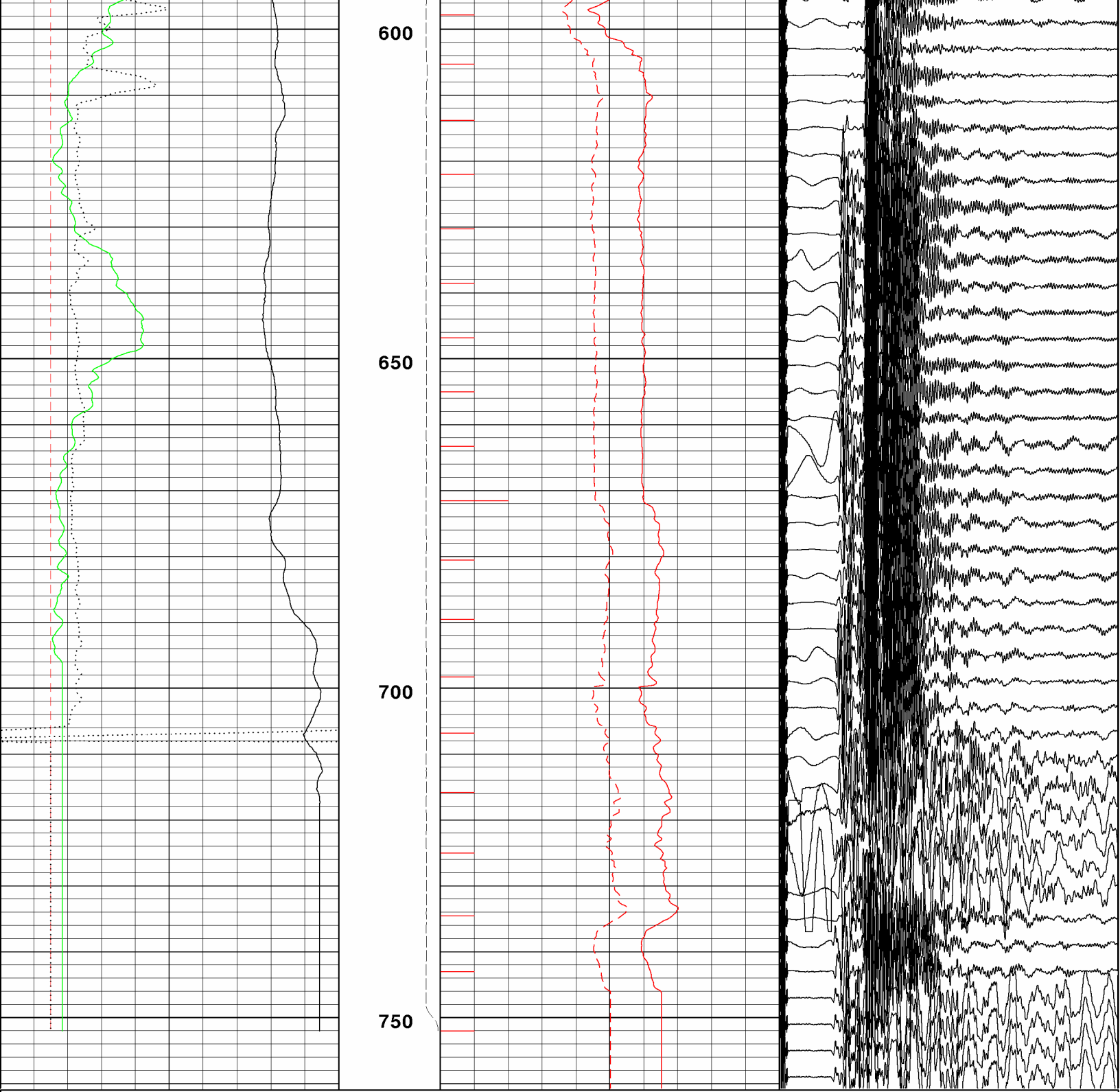
SEMBLANCE PROCESSING PARAMETERS
MONOPOLE COMPRESSIONAL SLOWNESS PROCESSING
INPUT: WFFW      FILTERED OUTPUT: WFFW_BS
FILTERING APPLIED: BANDPASS 3.0 - 12.0 KHz
SLOWNESS RANGE: 40 - 240 uS/FT

Version No:   hc:3.0	
Data File: 86A_15_DT.cls	
Format File: FWST.spc	
Plot Time: 2008-09-10 15:35:49	Top Depth: 311.00
Database Time: 15:25:41	Bottom Depth: 761.00

GAMMA	TENS	SPHI	WAVE FORM
0 APICOUNTS 150	10000 0	60. % 0	0 US/F 8000
CALIPER	1:240	COMPRESSIONAL SLOWNESS	
16 INCHES 26	FT.	240 US/F 40	
BIT SIZE			
16 INCHES 26			
SP			
-]10[+			







SP -]10[+							
BIT SIZE							
16	INCHES	26					
CALIPER							
16	INCHES	26	1:240 FT.	COMPRESSIONAL SLOWNESS			
GAMMA				240	US/F	40	
0	APICOUNTS	150	TENS	60.	%	0	0
						WAVE FORM	
						US/F	8000

HALLIBURTON

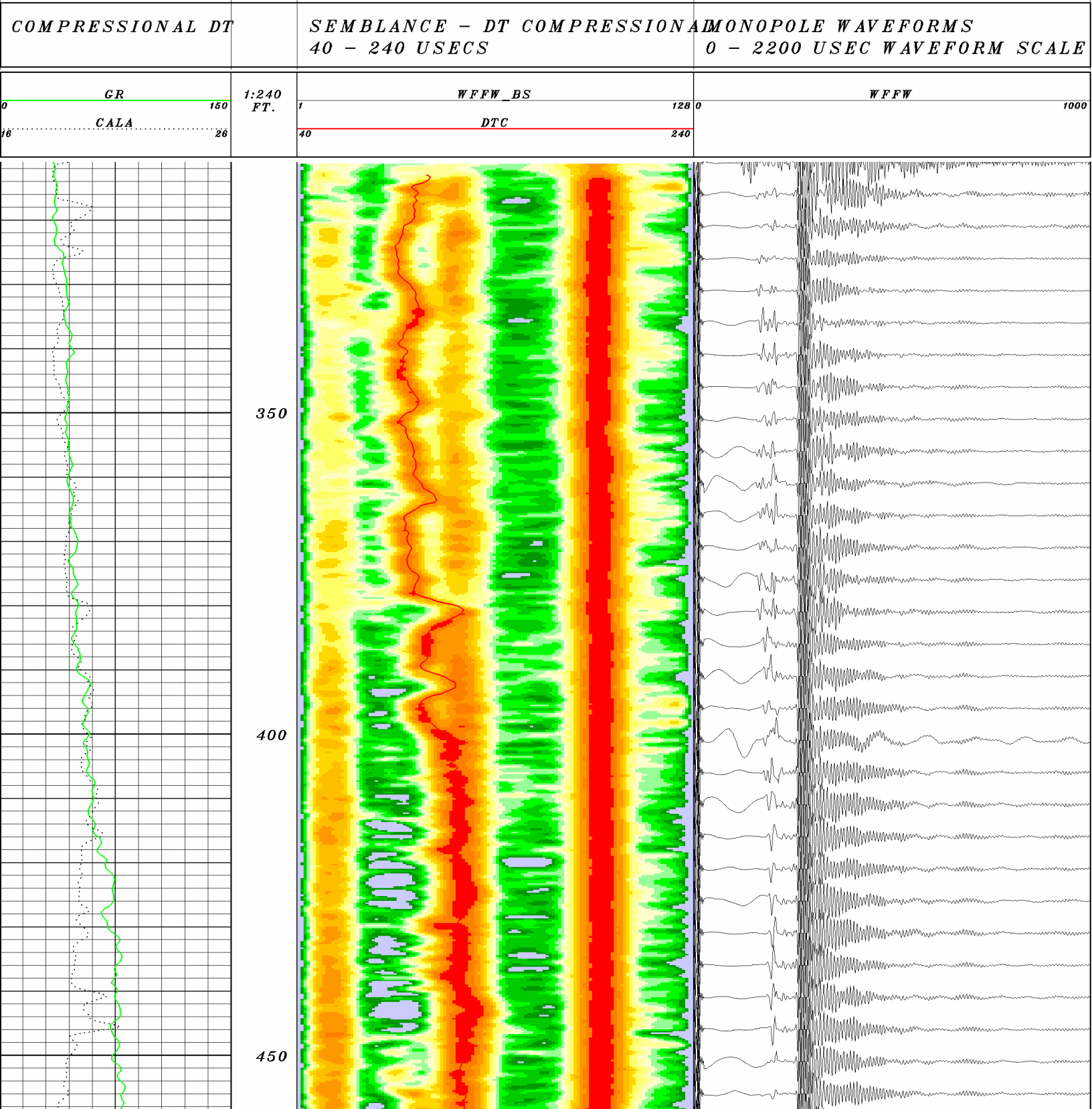
Version No: | hc:3.0  
Data File: 86A\_15\_DT.cls  
Format File: FWST.spc  
Plot Time: 2008-09-10 15:35:53  
Database Time: 15:25:41

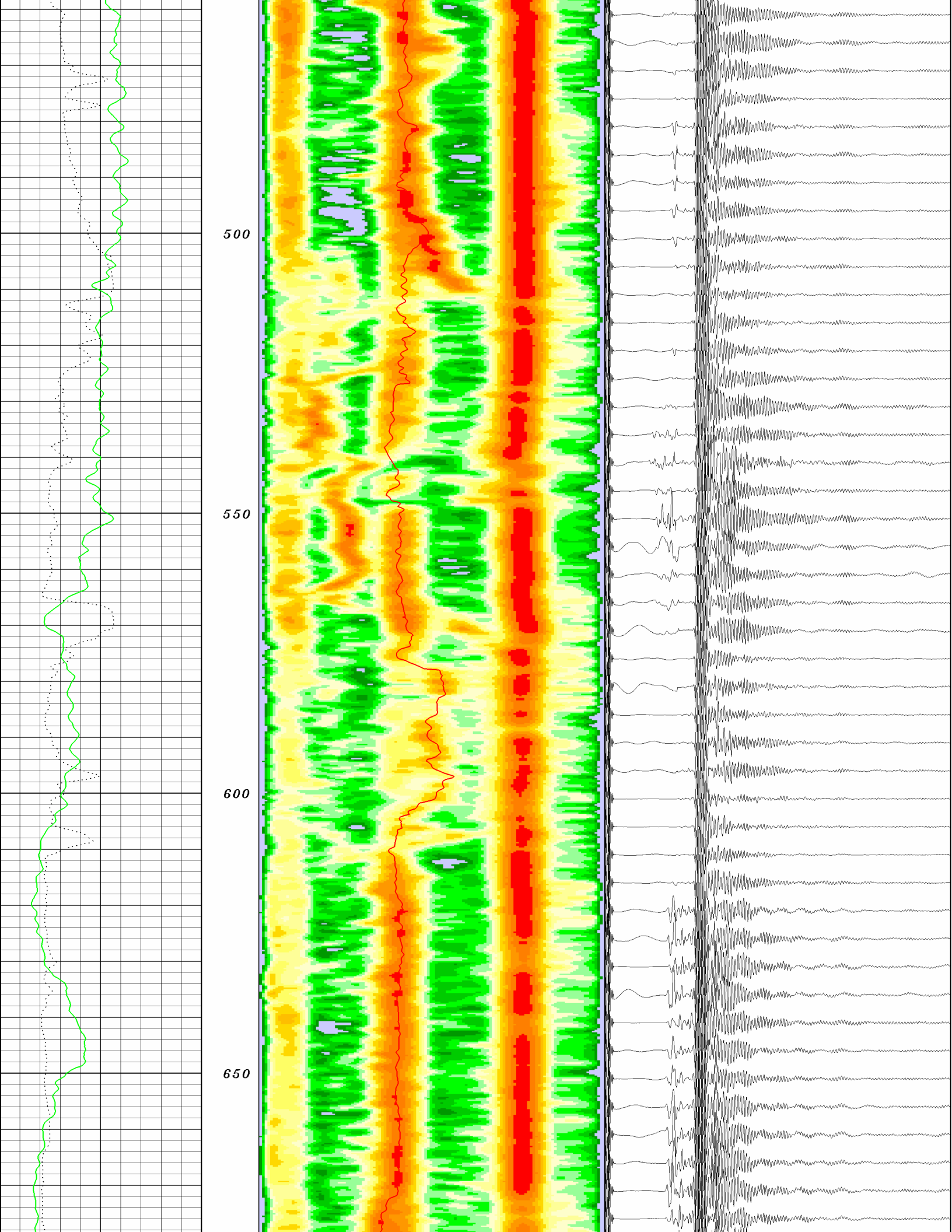
Top Depth: 311.00  
Bottom Depth: 761.00

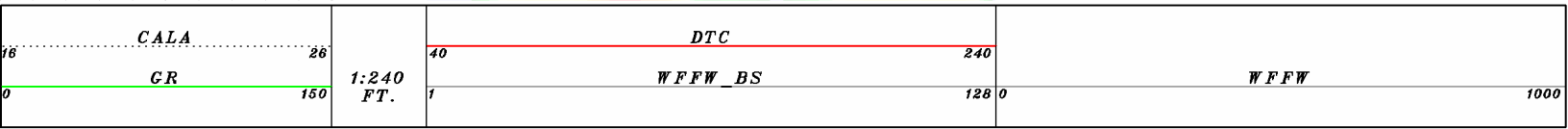
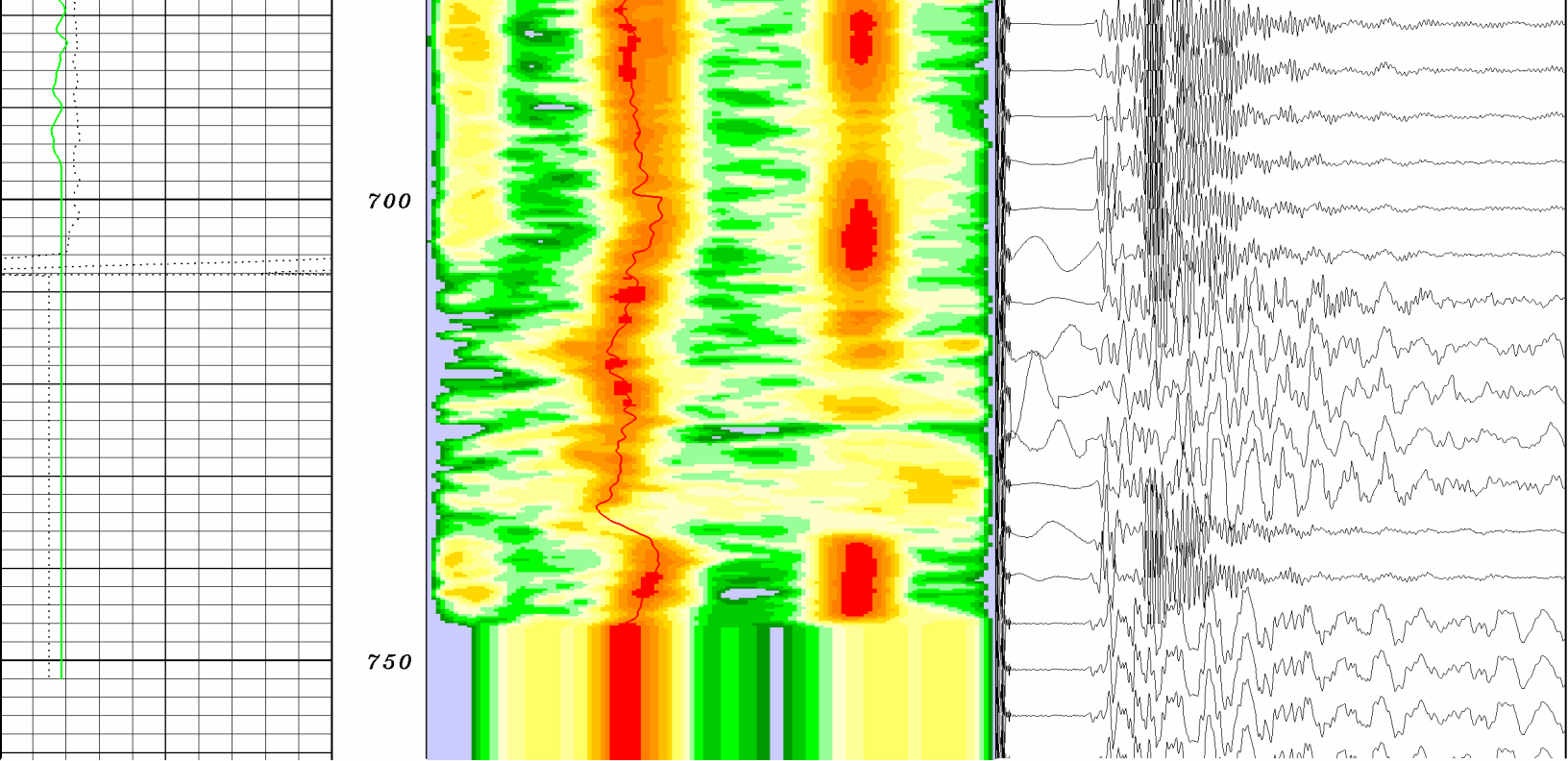
HALLIBURTON

Version No: | hc:3.0  
Data File: 86A\_15\_DT.cls  
Format File: FWST\_DIAG.spc  
Plot Time: 2008-09-10 15:26:26  
Database Time: 15:25:41

Top Depth: 311.00  
Bottom Depth: 761.00







<i>COMPRESSIONAL DT</i>	<i>SEMBLANCE - DT COMPRESSIONAL</i> 40 - 240 USECS	<i>MONOPOLE WAVEFORMS</i> 0 - 2200 USEC WAVEFORM SCALE
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<b>HALLIBURTON</b>	<i>Version No:</i>   <i>hc:3.0</i>	
	<i>Data File:</i> 86A_15_DT.cls	
	<i>Format File:</i> FWST_DIAG.spc	
	<i>Plot Time:</i> 2008-09-10 15:26:29	<i>Top Depth:</i> 311.00
	<i>Database Time:</i> 15:25:41	<i>Bottom Depth:</i> 761.00

COMPANY	VULCAN POWER CO.		
WELL	86A-15		
FIELD	SALT WELLS		
COUNTY	CHURCHILL	STATE	NV
<b>HALLIBURTON</b>		FULLWAVE SEMBLANCE ANALYSIS 5"=100'	