YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

12" CASING
CEMENT BOND
VARIABLE DENSITY
LOG

Company	PALM BEACH COUNTY
Well	DZMW #1
Field	LAKE REGION
County	PALM BEACH
State	FLORIDA

Company PALM BEACH COUNTY WATER UTIL.
Well DZMW #1
Field LAKE REGION
County PALM BEACH State FLORIDA

Location

Other Services
SEE
COMMENTS

Permanent Datum	PAD	Elevation	
Log Measured From	PAD		
Drilling Measured From	PAD		

Elevation
K.B.
D.F.
G.L.

Date	21-JUNE-2006		
Run Number	SEVEN		
Depth Driller	2100'		
Depth Logger	2100'		
Bottom Logged Interval	2100'		
Top Log Interval	CASING		
Open Hole Size	11.625"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	258'		
Time Well Ready	0830		
Time Logger on Bottom	0900		
Equipment Number	103		
Location	FT.MYERS		
Recorded By	CATHEY	GOODWIN	
Witnessed By	T. URAM		

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No.	Bit	From	To
ONE	38.5"	SURFACE	199'	FIVE	18.25"	CASING	1950'
TWO	12.25"	CASING	900'	SIX	11.625"	CASING	2100'
THREE	28.5"	CASING	861'				
FOUR	12.25"	CASING	1940'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375" W.T.	SURFACE	192'
Prot. String	20"	.375" W.T.	SURFACE	850'
Production String	12.75"	.375" W.T.	SURFACE	1940'
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

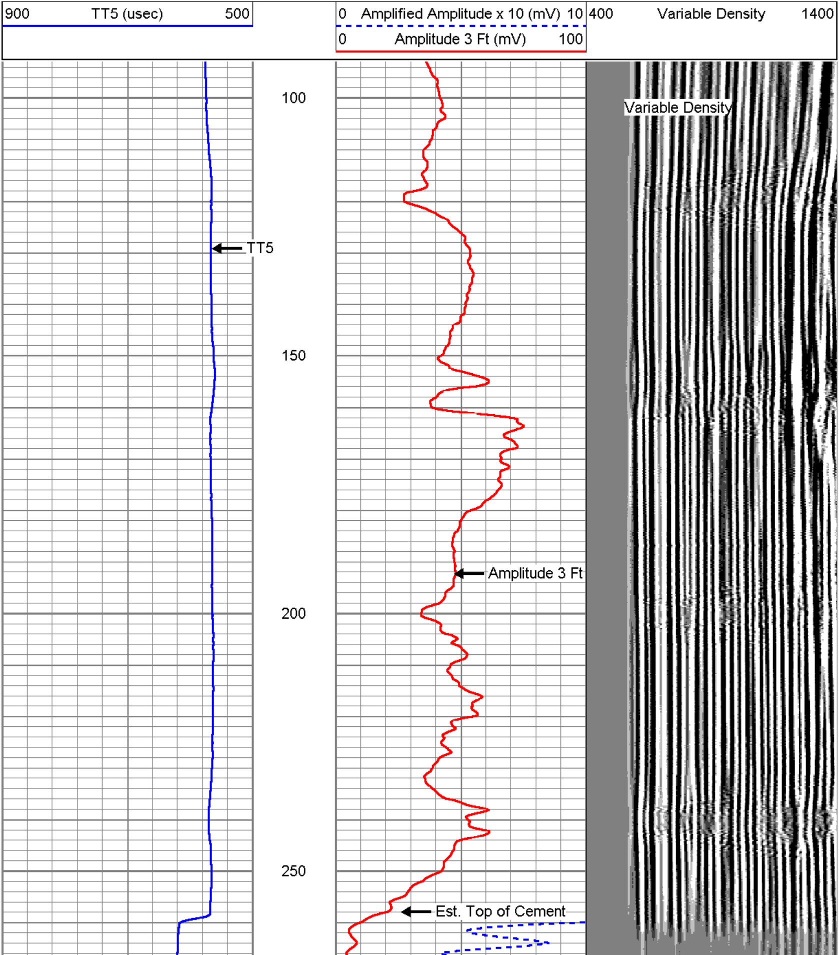
OTHER SERVICES:

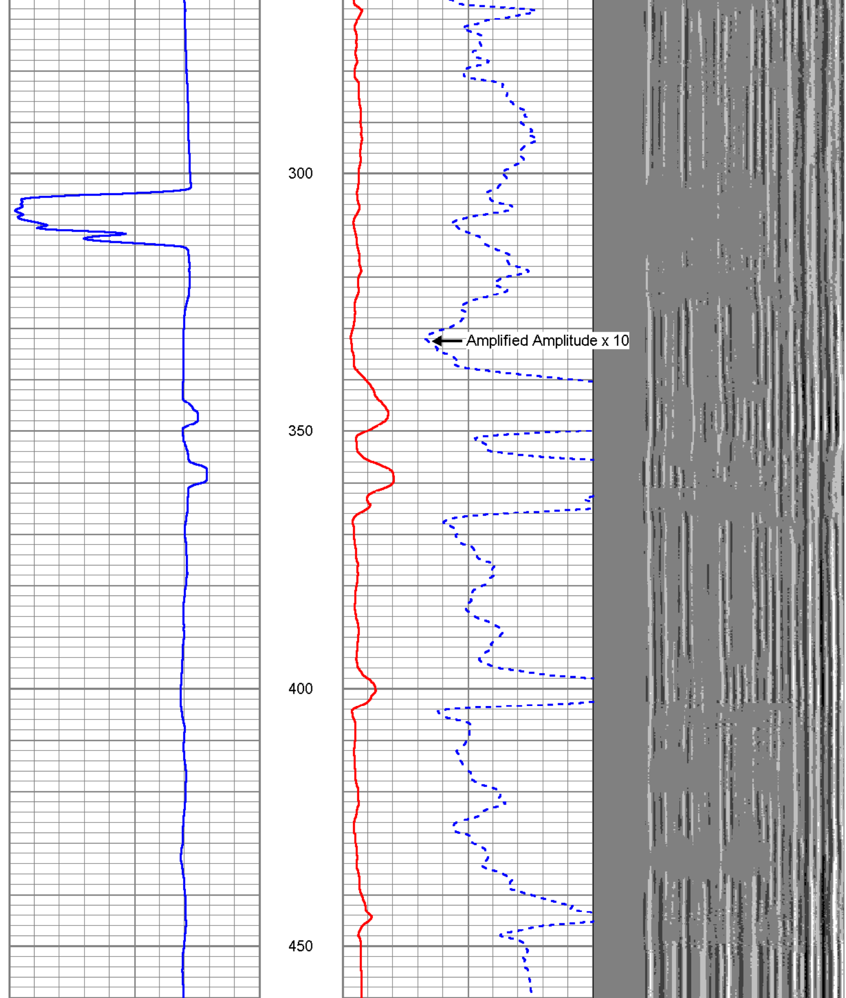
X-Y CALIPER
SONIC
FLUID CONDUCTIVITY / TEMPERATURE
FLOWMETER
VIDEO
DUAL INDUCTION

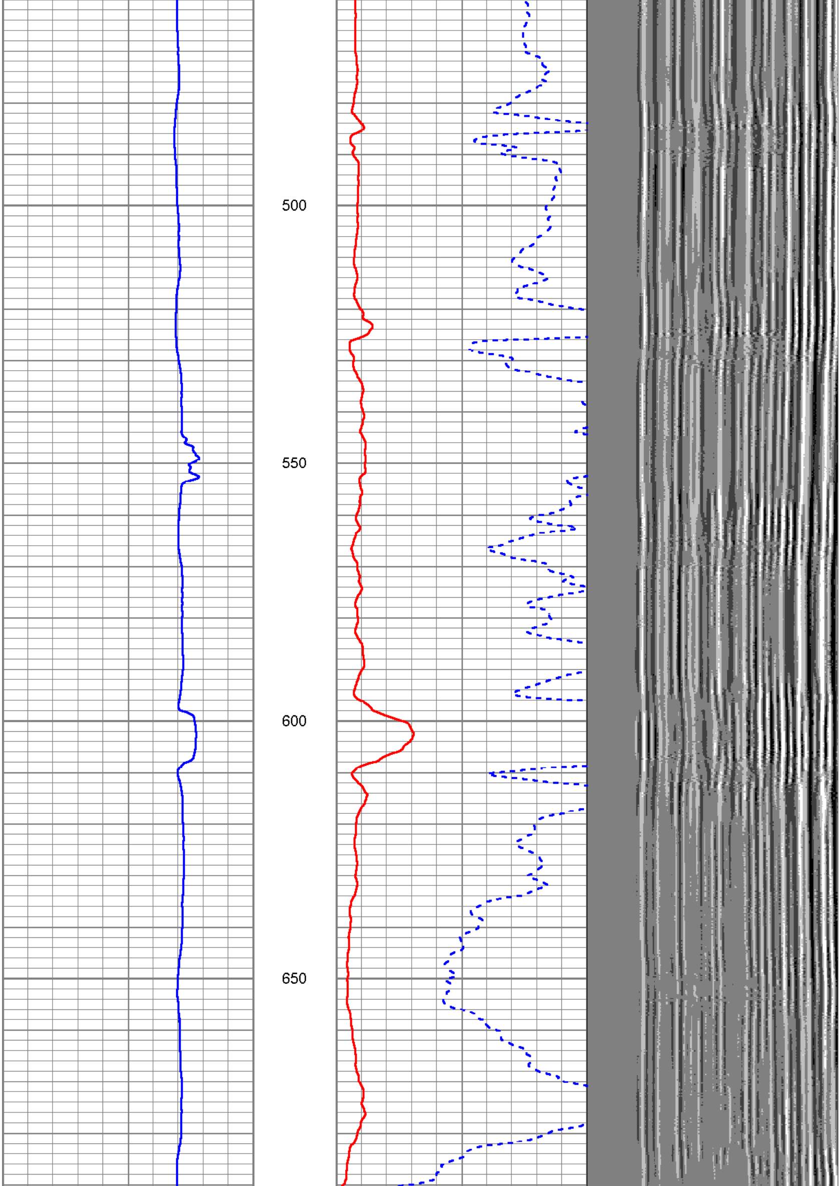
YOUNGQUIST
BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

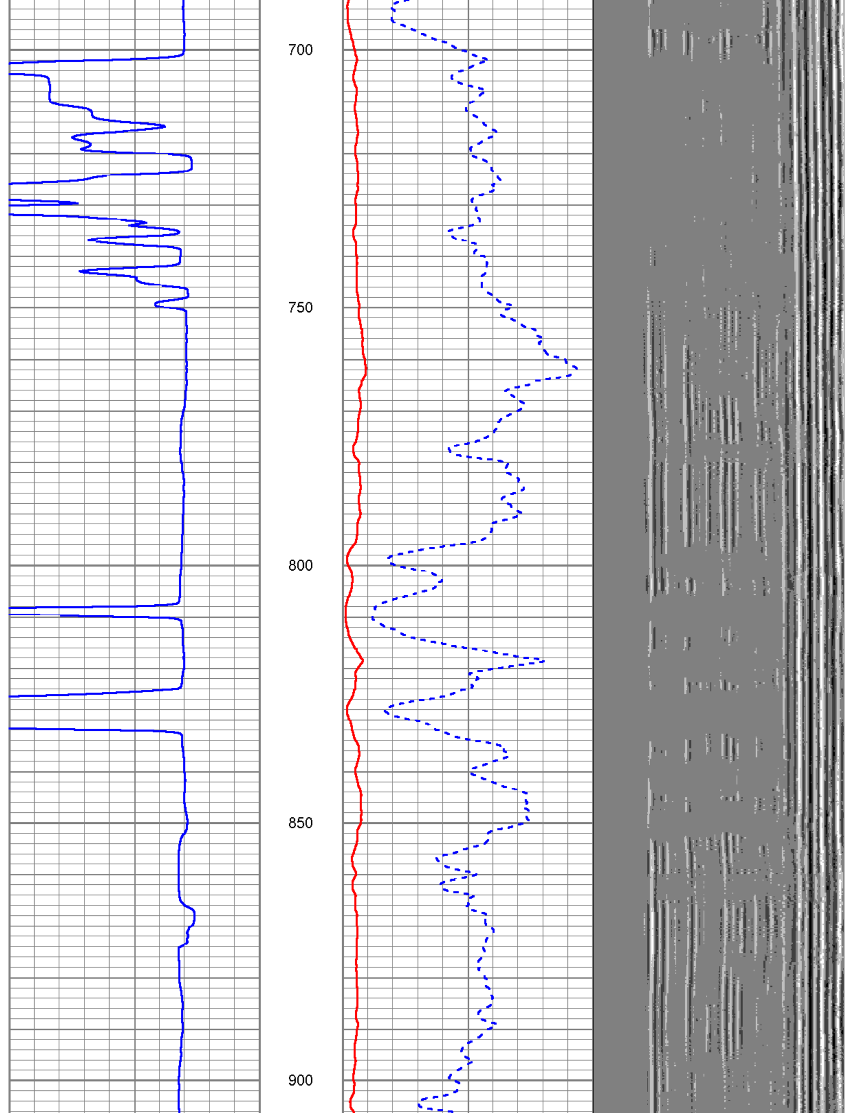
MAIN PASS

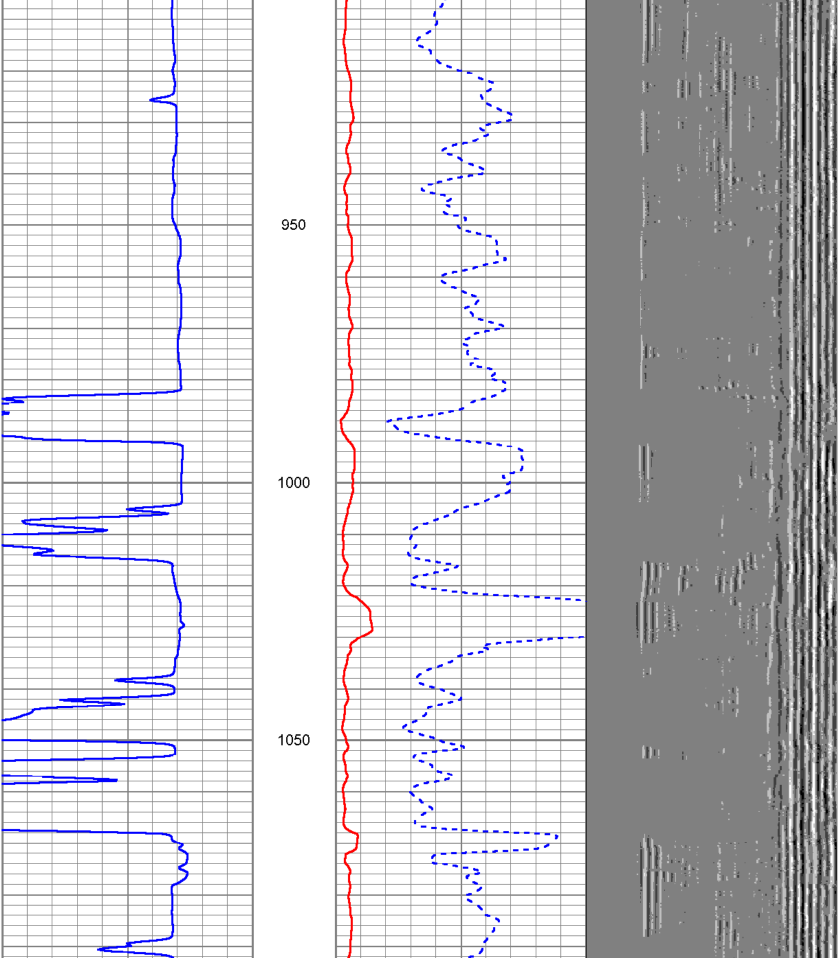
Database File: bellemw1.db
Dataset Pathname: run7/pass10
Presentation Format: CBL01
Dataset Creation: Wed Jun 21 11:09:01 2006 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

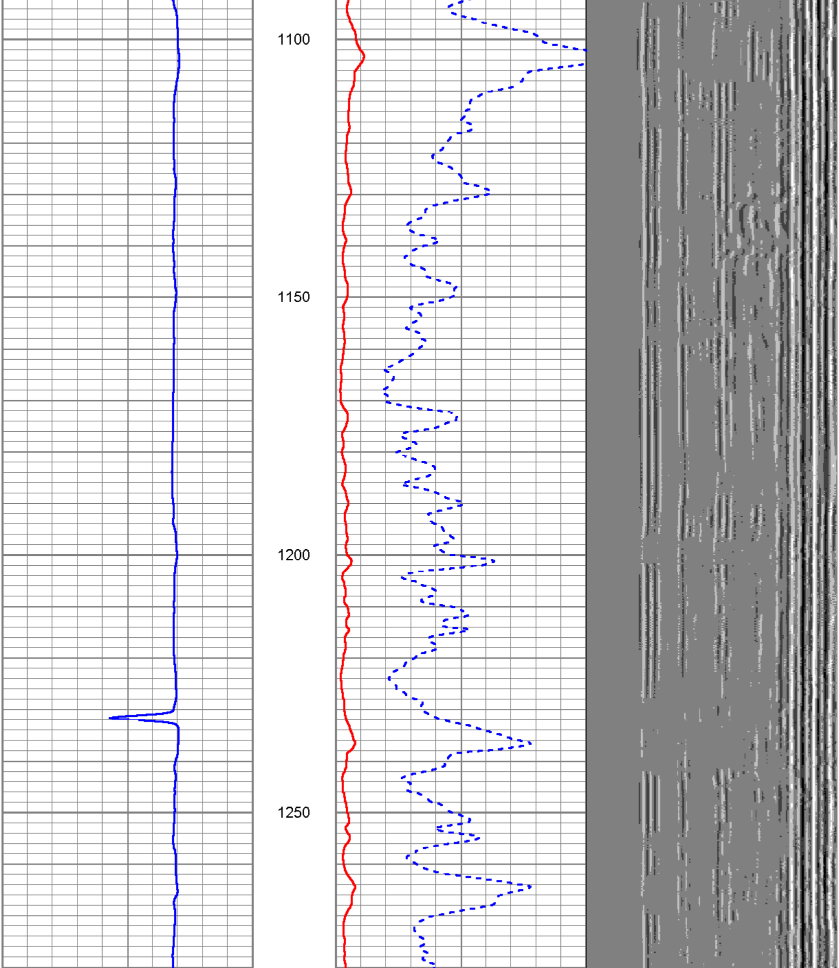


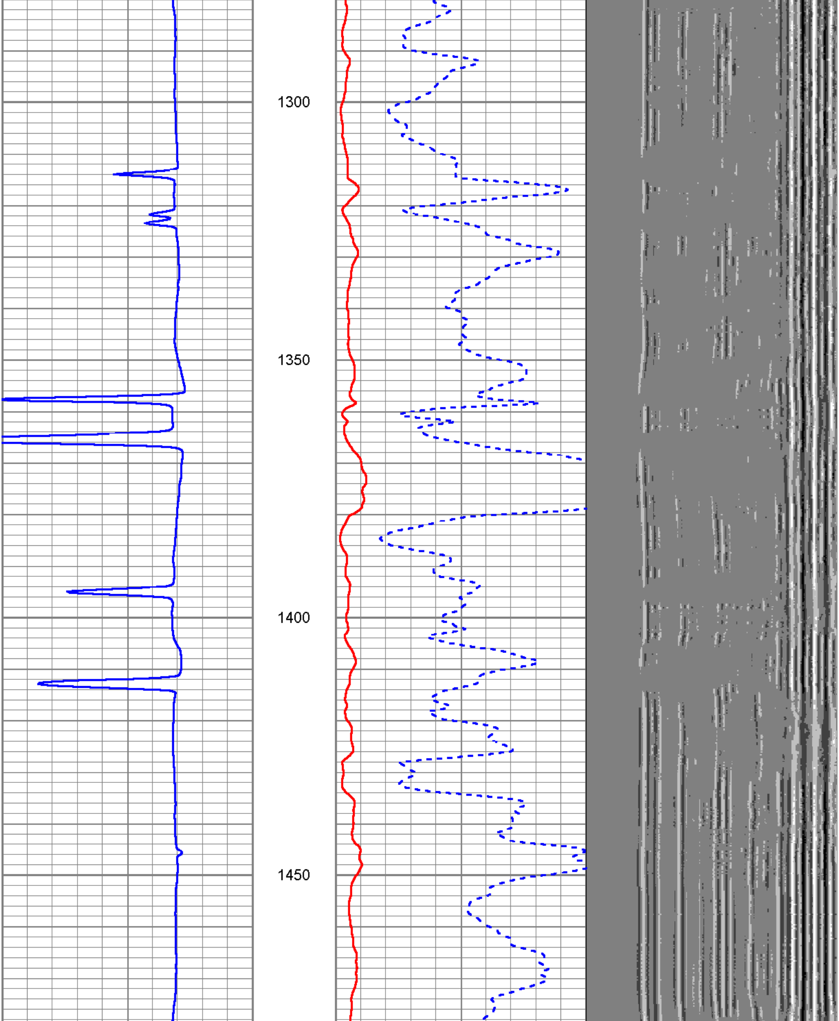


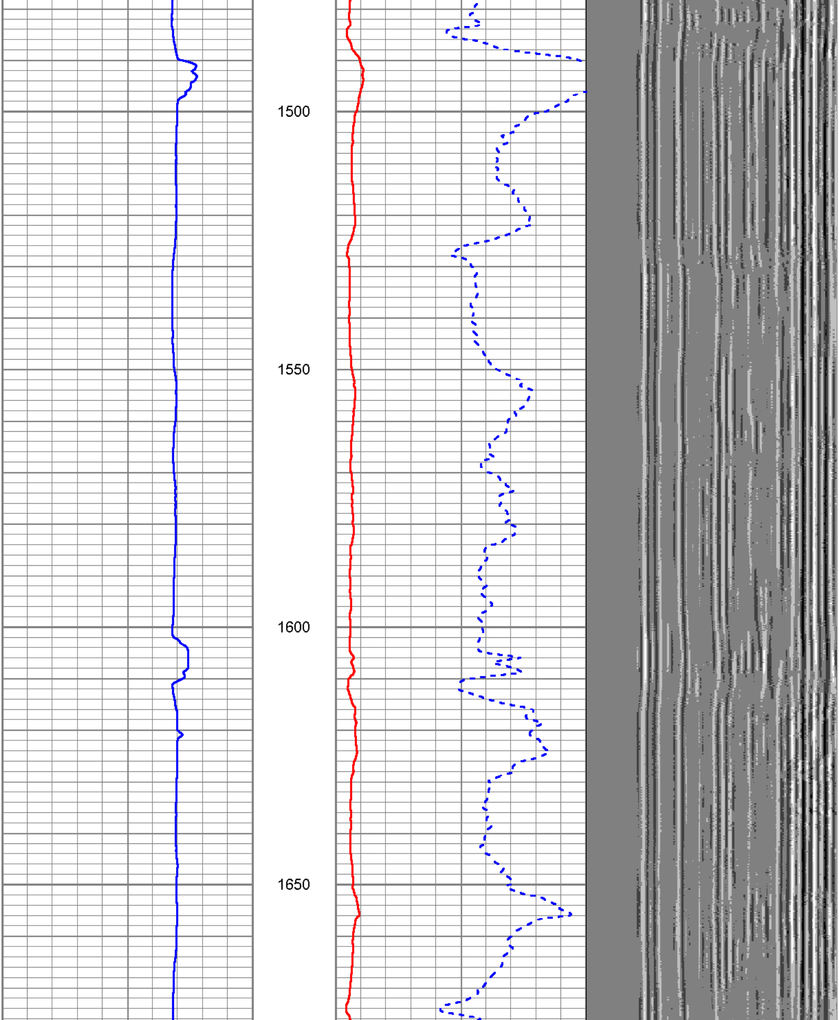


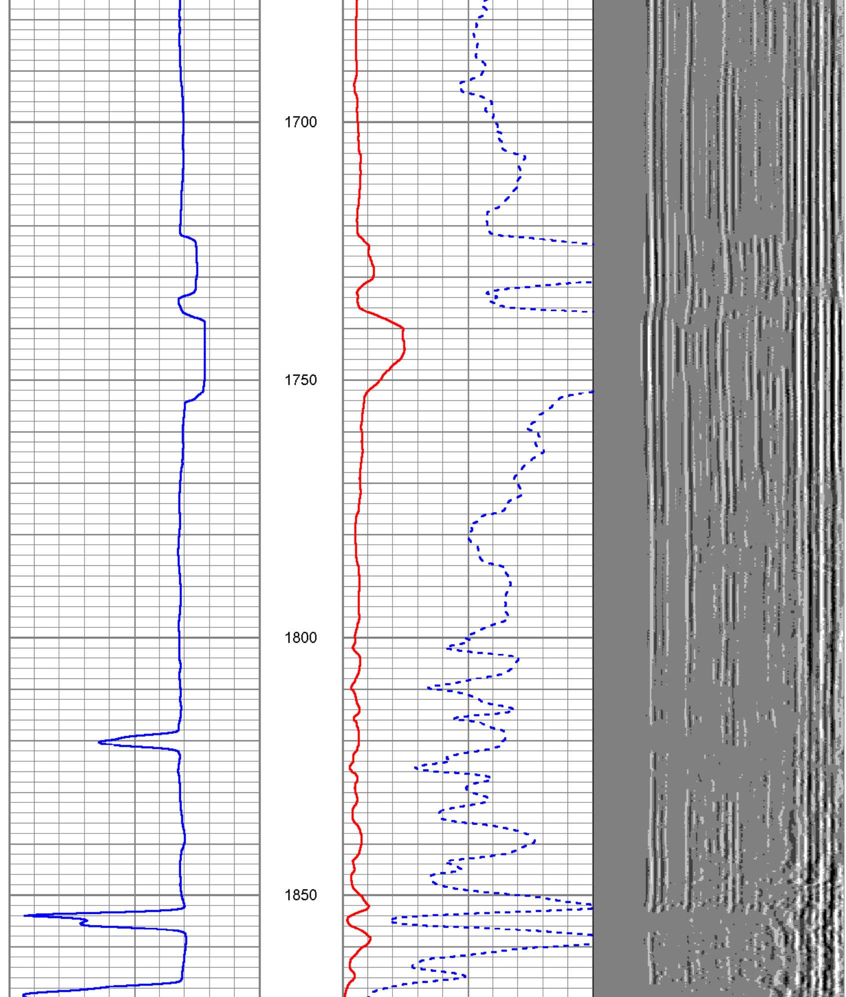


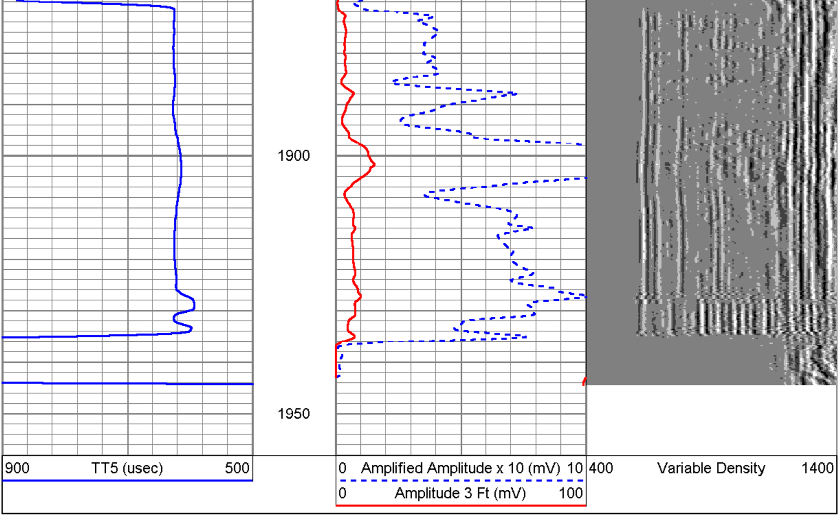








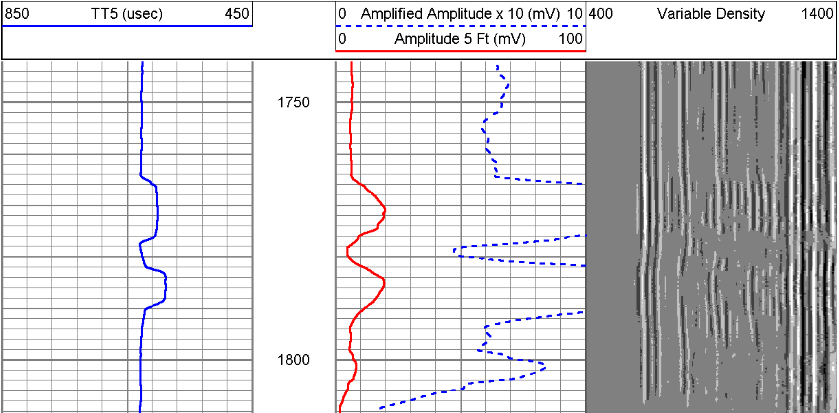


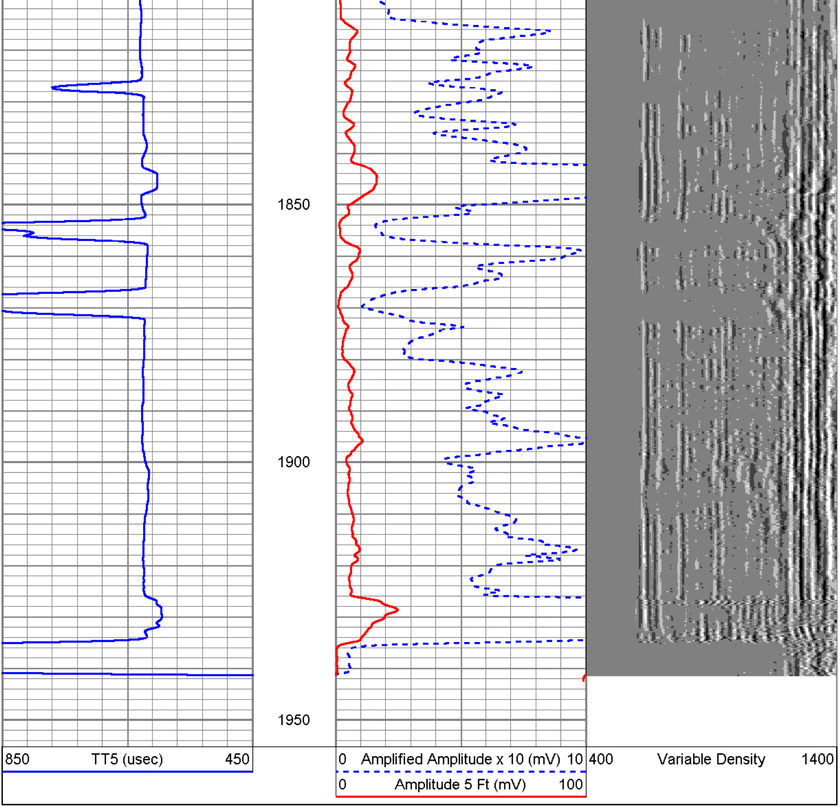


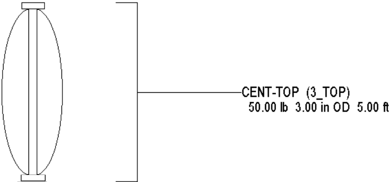
YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

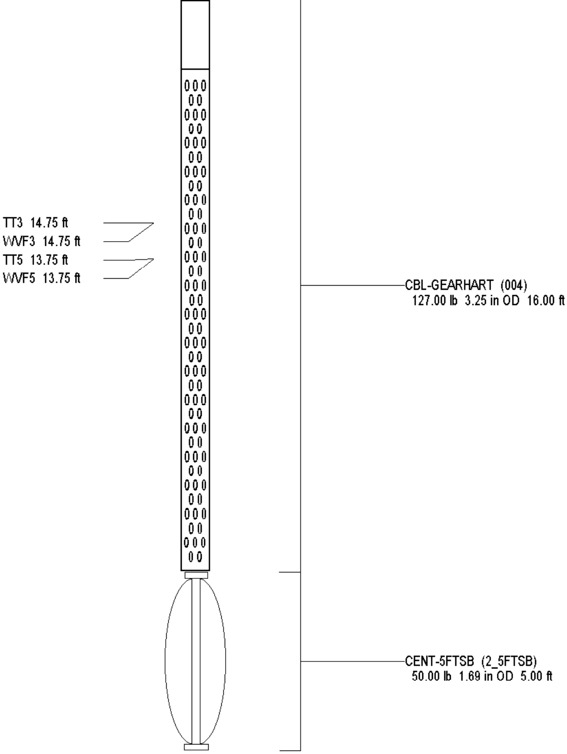
REPEAT SECTION

Database File: bellemw1.db
Dataset Pathname: run7/pass9
Presentation Format: CBL01
Dataset Creation: Wed Jun 21 10:59:56 2006 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240









Dataset:	run7/pass10
Total Length:	26.00 ft
Total Weight:	227.00 lb
O.D.	3.25 in

Cement Bond Log Calibration Report

Serial Number:	004		
Tool Model:	GEARHART		
Performed:	Wed Jun 21 10:19:59 2006		
Depth:	248.514	ft	
Casing Diameter:	12.75	in	

	3' Spacing	5' Spacing	
Signal Zero:	1	1	mV
Calibrated Amplitude:	43.2649	43.2649	mV
Reading at Signal Zero:	0.033252	0.0254395	V
Reading in Free Pipe:	0.663232	0.519434	V
Gain:	67.0892	85.5575	
Offset:	-1.23085	-1.17654	