

# LOG-TECH

of Kansas  
Inc.

GREAT BEND, KANSAS

## CEMENT BOND LOG

Company TREK AEC		Well BLACKWELDER #1-30		Field WILDCAT		County PRATT		State KANSAS	
Company TREK AEC		Well BLACKWELDER #1-30		Field WILDCAT		County PRATT		State KANSAS	
Location		750' FNL & 1000' FEL		Other Services		PERFS			
SEC.	30	TWP.	29S	RGE.	11W	Elevation			
Permanent Datum		GROUND LEVEL		Elevation		K.B. 1869			
Log Measured From		KELLY BUSHING 12' AGL		Elevation		D.F. 1868			
Drilling Measured From		KELLY BUSHING		Elevation		G.L. 1857			
Date	1-9-2015								
Run Number	ONE								
Depth Driller	4850								
Depth Logger	4797								
Bottom Logged Interval	4796								
Top Log Interval	3400								
Open Hole Size	WATER								
Type Fluid	WATER								
Density / Viscosity									
Max. Recorded Temp.									
Estimated Cement Top	3600								
Time Well Ready									
Time Logger on Bottom									
Equipment Number	#S3								
Location	GREAT BEND								
Recorded By	LANCE GREGG								
Witnessed By	THAD STARR								
Borehole Record		From		To		Size		Tubing Record	
Run Number	Bit	From	To	Size	Weight	From	To		
Casing Record									
Surface String		8.625		Wgt/Ft		Top	Bottom		
Prot. String				23#		0	268		
Production String									
Liner		5.5		15.5#		0	4849		

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**

THANK YOU FOR USING LOG TECH OF KANSAS

DIRECTIONS  
SAWYER, KS.  
EAST 6.5 MILES ON HIGHWAY 42  
SOUTH INTO

# LOG-TECH

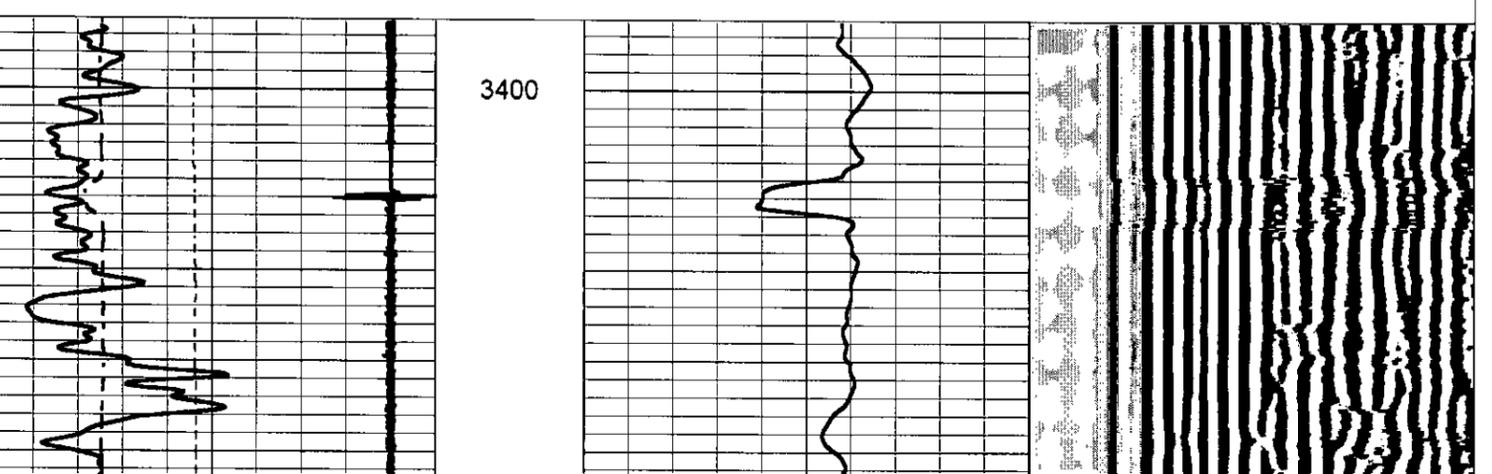
of Kansas  
Inc.

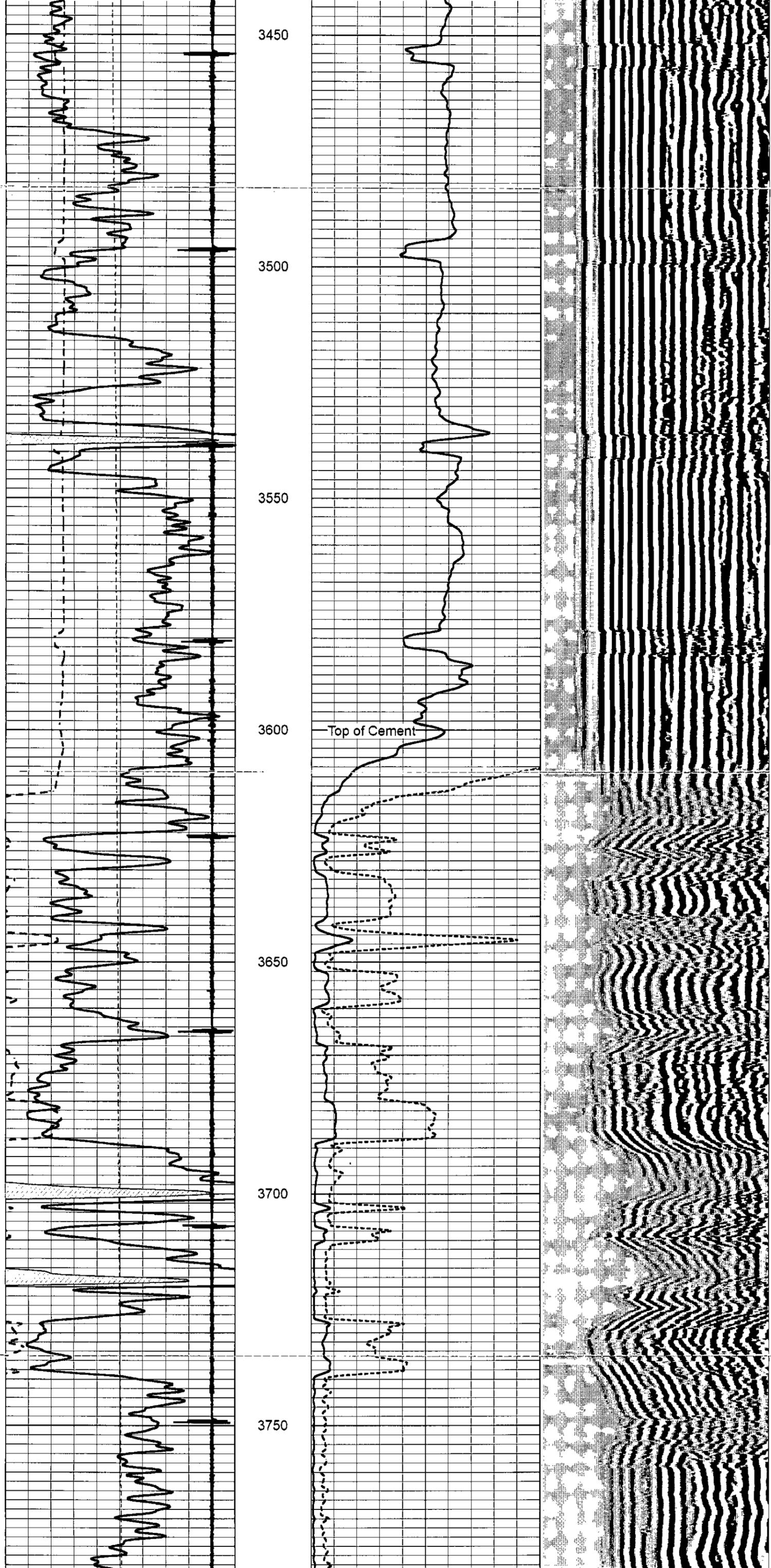
GREAT BEND, KANSAS

## MAIN PASS

Database File      bwelder1-30.db  
 Dataset Pathname    pass3  
 Presentation Format    scbl\_dr  
 Dataset Creation    Fri Jan 09 09:02:41 2015  
 Charted by          Depth in Feet scaled 1:240

320	Travel Time (usec)	120	0	Amplitude (mV)	100	200	VDL	1200
-9	Collar Locator	1						
0	LTEN (lb)	1500						
0	Gamma Ray (GAPI)	150						
150	Gamma Ray (GAPI)	300						
300	Gamma Ray (GAPI)	450						





3450

3500

3550

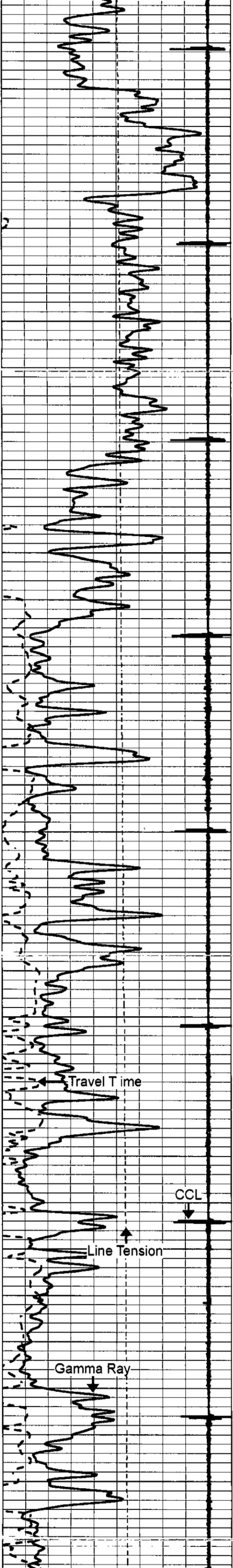
3600

Top of Cement

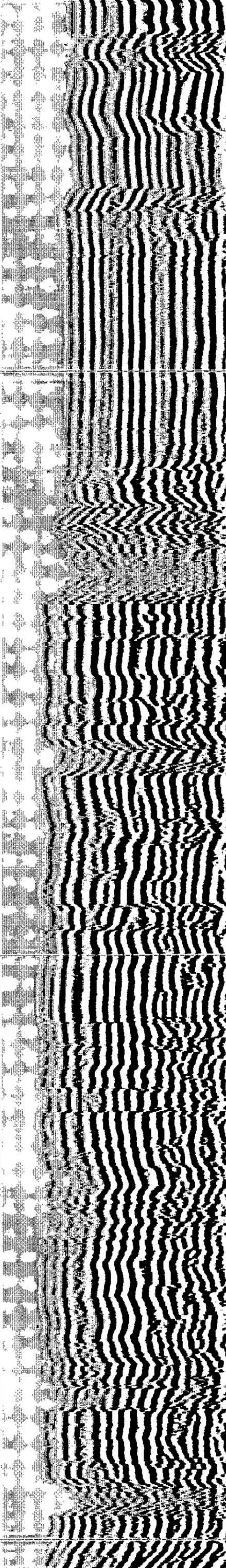
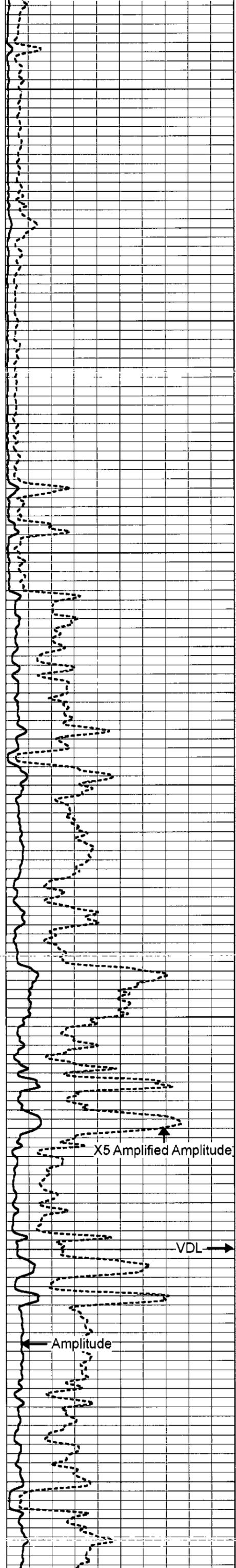
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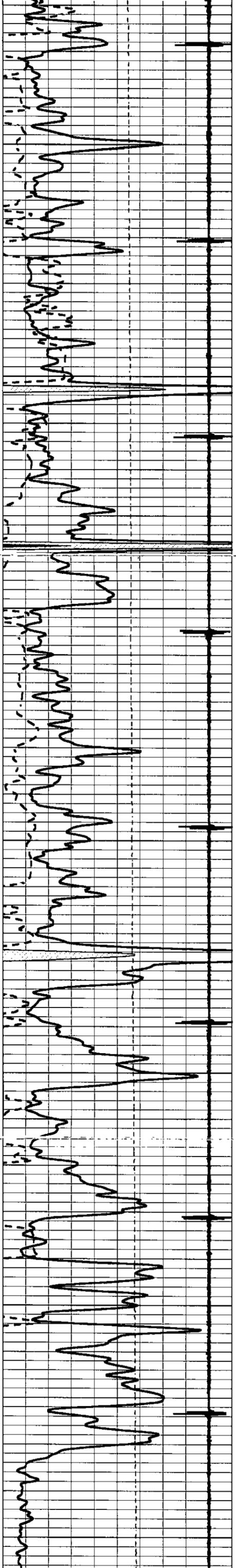
3700

3750



3800  
3850  
3900  
3950  
4000  
4050  
4100





4150

4200

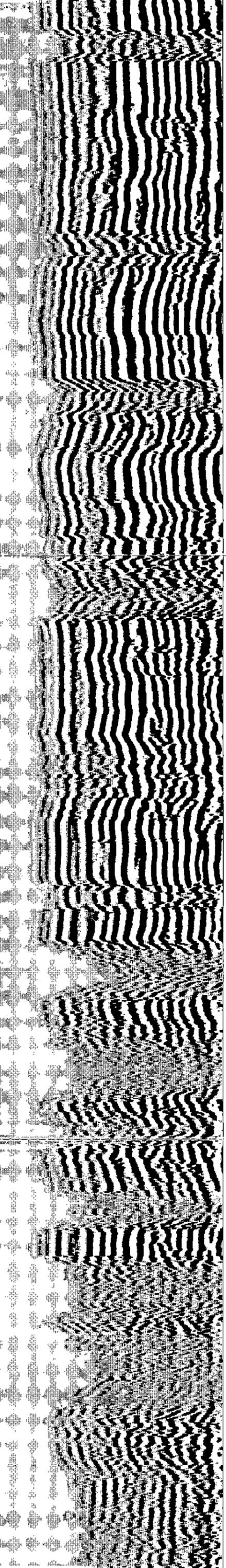
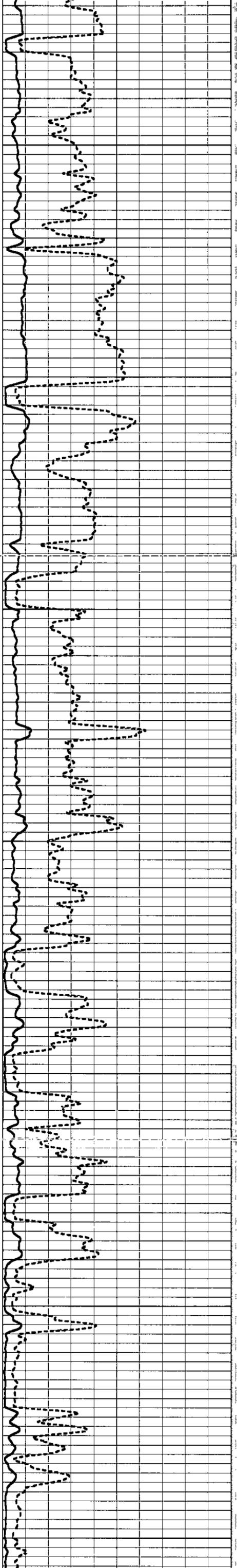
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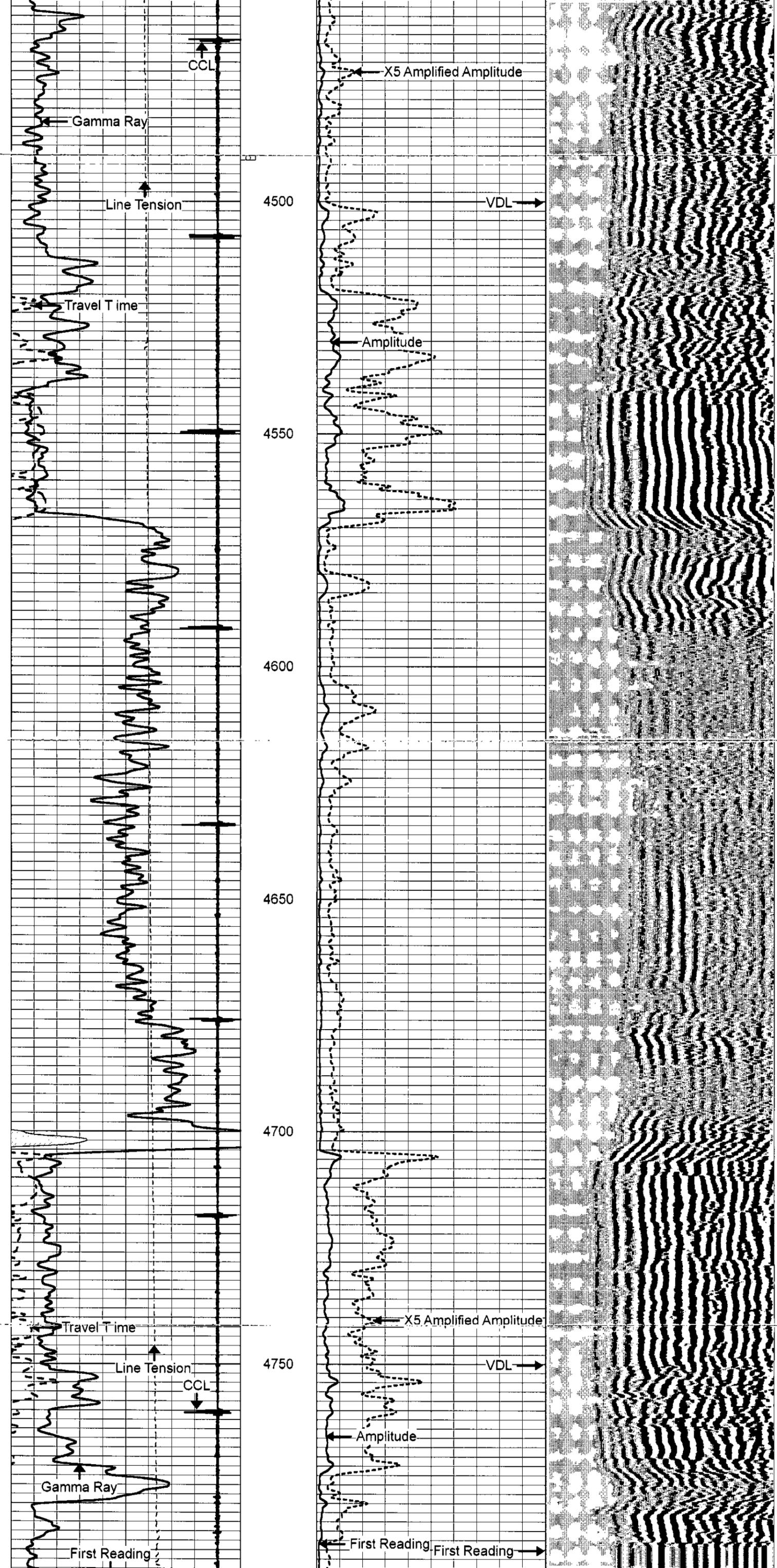
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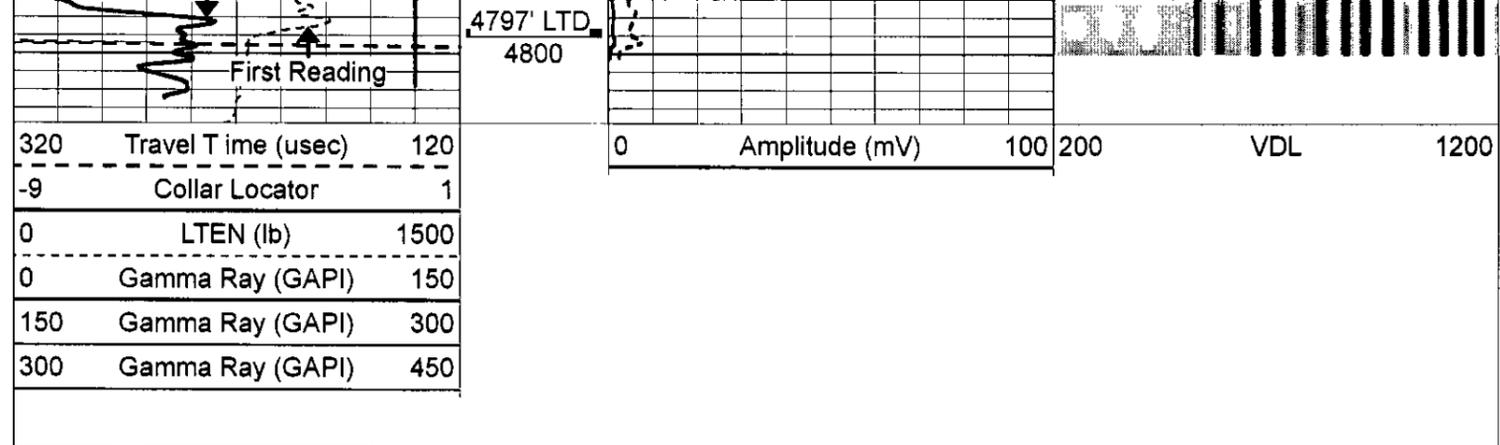
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4400

4450

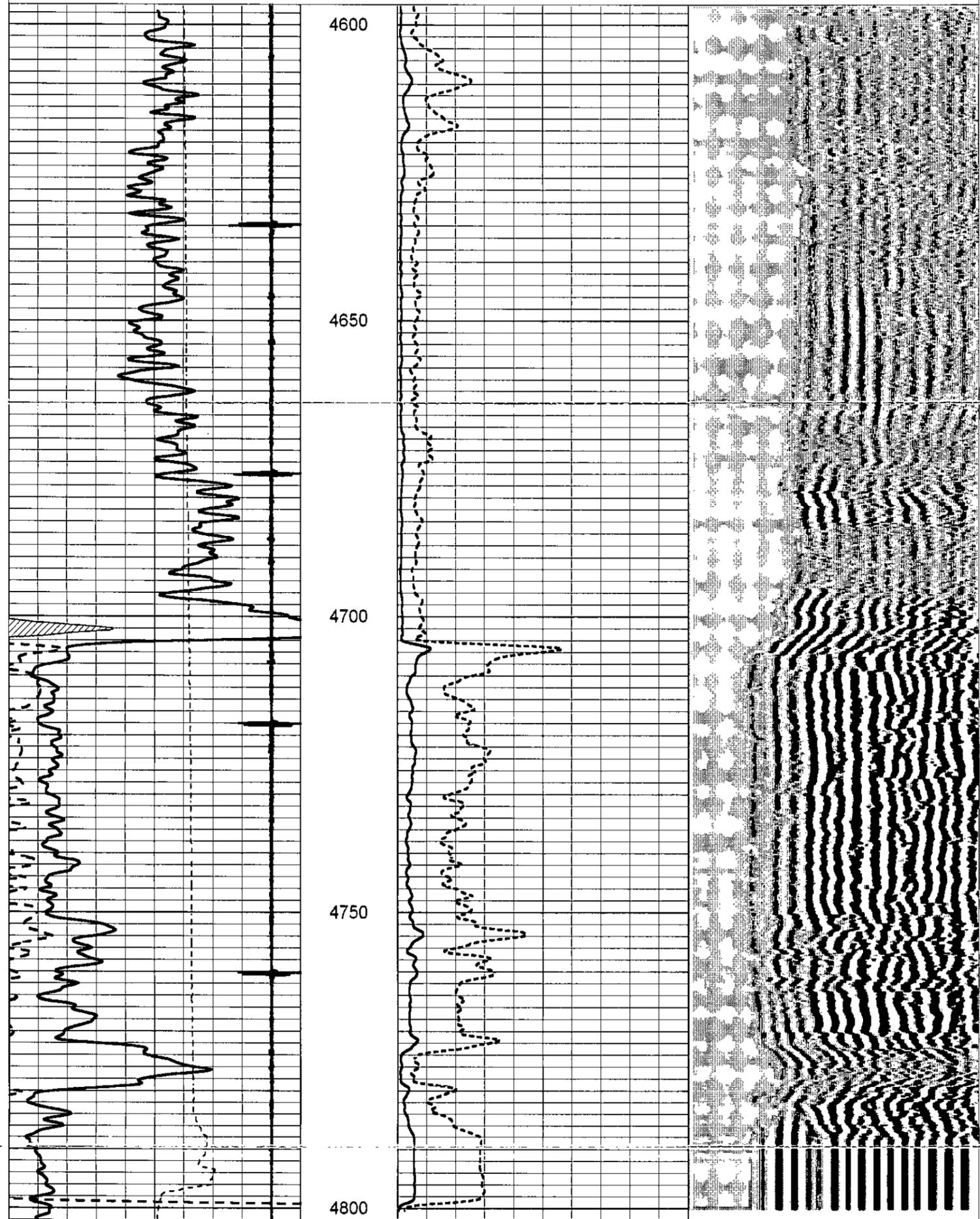
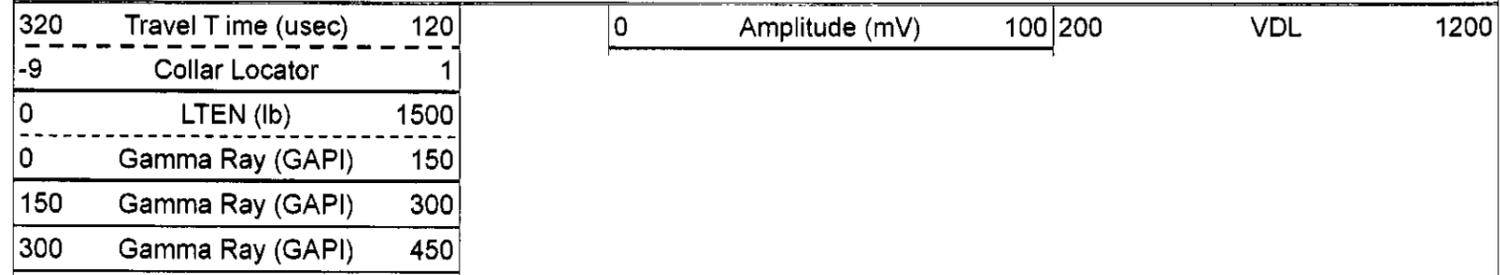






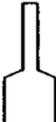
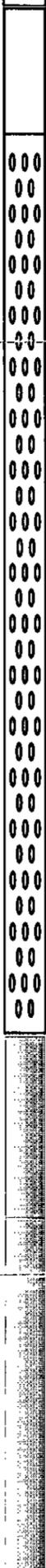
# REPEAT SECTION

Database File      bwelder1-30.db  
 Dataset Pathname    pass2  
 Presentation Format   scbl\_dr  
 Dataset Creation    Fri Jan 09 08:55:01 2015  
 Charted by            Depth in Feet scaled 1:240



320	Travel Time (usec)	120
-9	Collar Locator	1
0	LTEN (lb)	1500
0	Gamma Ray (GAPI)	150
150	Gamma Ray (GAPI)	300
300	Gamma Ray (GAPI)	450

0	Amplitude (mV)	100	200	VDL	1200
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Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CHD-STNDRD Standard Cable Head	1.00	1.69	10.00
WVF3FT	8.76		cbl-probecbl (probecbl1) probe cbl	8.75	2.75	92.00
WVF5FT	7.76					
WVFSYNC	4.57					
CCL	3.69					
			CCL-Probe (275) probe ccl	1.55	2.75	30.00
GR	0.89		GR-probegr (progr1) probe gamma ray	3.02	2.75	20.00

Dataset: bwelder1-30.db: field/well/run1/pass3  
 Total length: 14.32 ft  
 Total weight: 152.00 lb  
 O.D.: 2.75 in

