

**Company** SHAWMAR OIL & GAS  
**Well** DEINES # 2  
**Field** LOST SPRINGS  
**Country** U.S.A.  
**State/Prv** KANSAS

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<b>Location</b> SE-SW-NE <b>SEC.</b> 3 <b>TWP.</b> 19S <b>RGE.</b> 4E <b>MARION COUNTY</b>	<b>Other Services</b>
<b>Elevation</b> G. L. _____ K. B. _____	

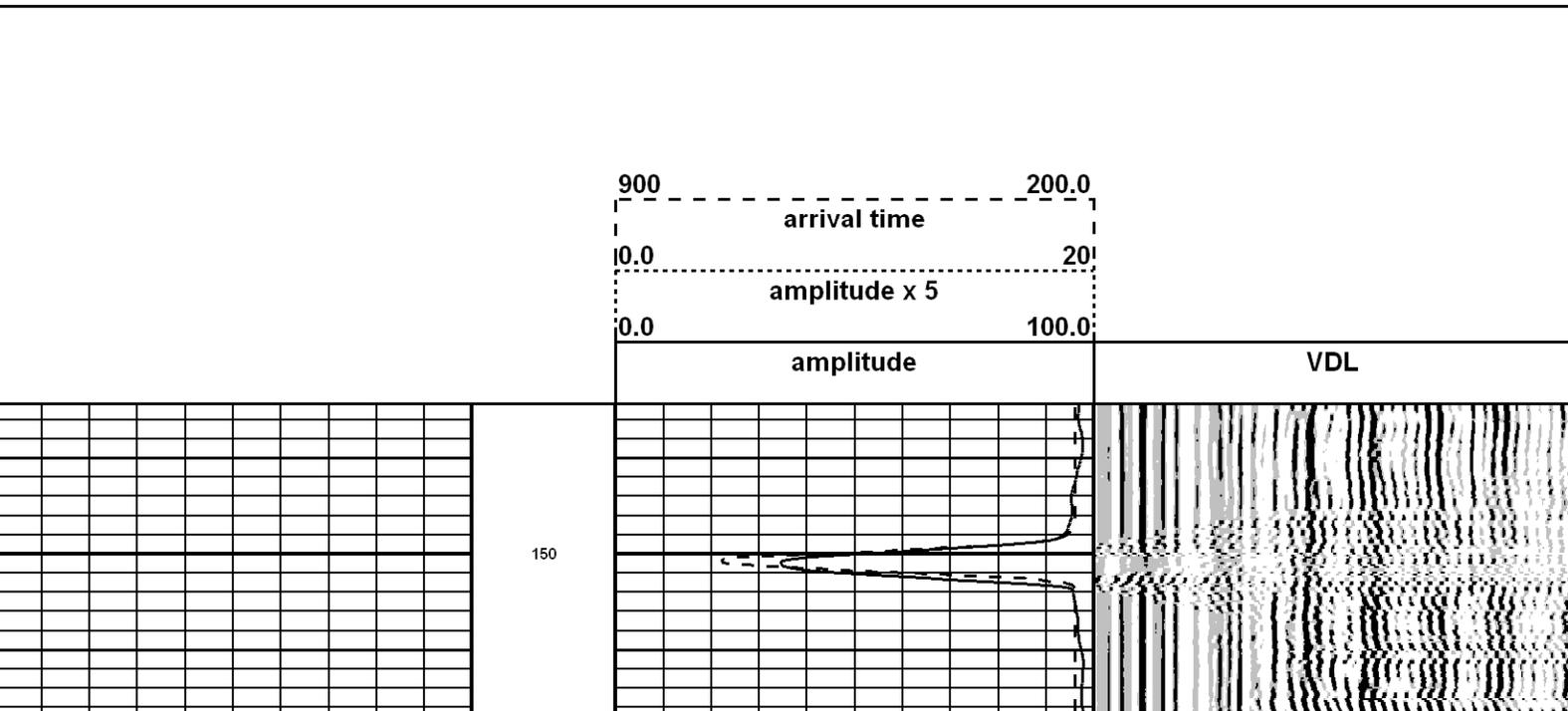
Date	4-07-14	Run Number	ONE
Depth Driller	710	Depth Logger	709
Bottom Logged Interval	708	Top Log Interval	400
Open Hole Size	7 7/8	Type Fluid	WATER
Density / Viscosity		Max. Well Deviation	
Estimated Cement Top	200	Time Well Ready	
Time Logger on Bottom		Equipment Number	103
Location	ELDORADO	Recorded By	SULLIVAN
Witnessed By	B. KEY		

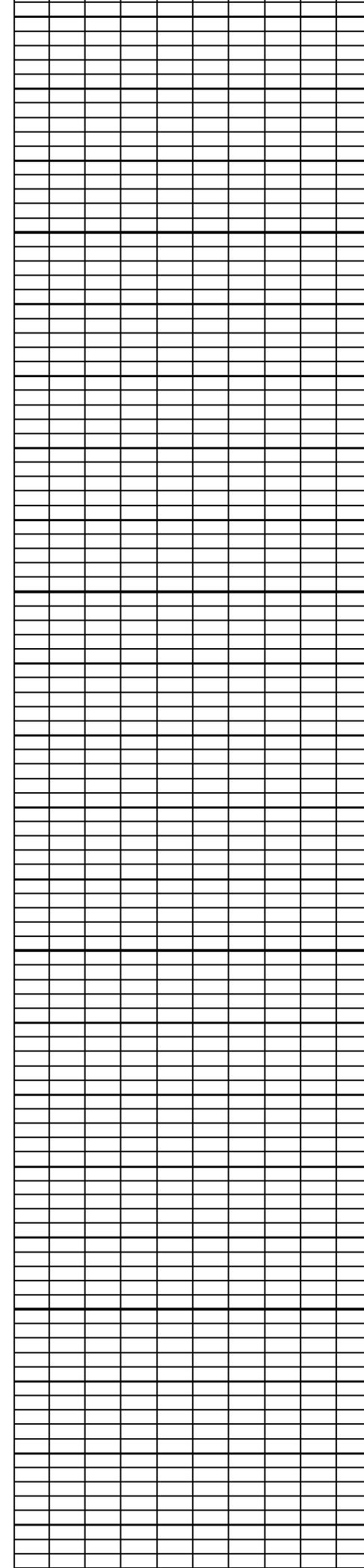
Borehole Record		Tubing Record					
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record	SIZE	WEGHT	FROM	TO			
Surface String	8 5/8		0	204			
Prot. String							
Production String	4 1/2		0	721			
Liner							

RUN: SONIC BOND  
 DIR: UP  
 DATE: 04/07/14  
 TIME: 10:13:02

### SONIC BOND

START: 701.75ft  
 STOP: 124.50ft  
 RES: 0.25ft  
 SCALE: 5"/100'



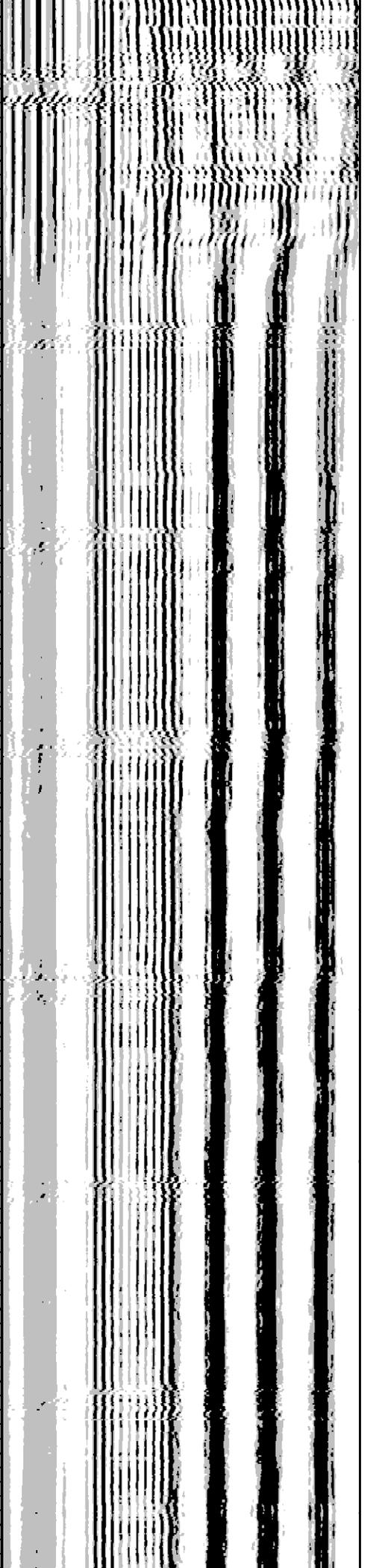
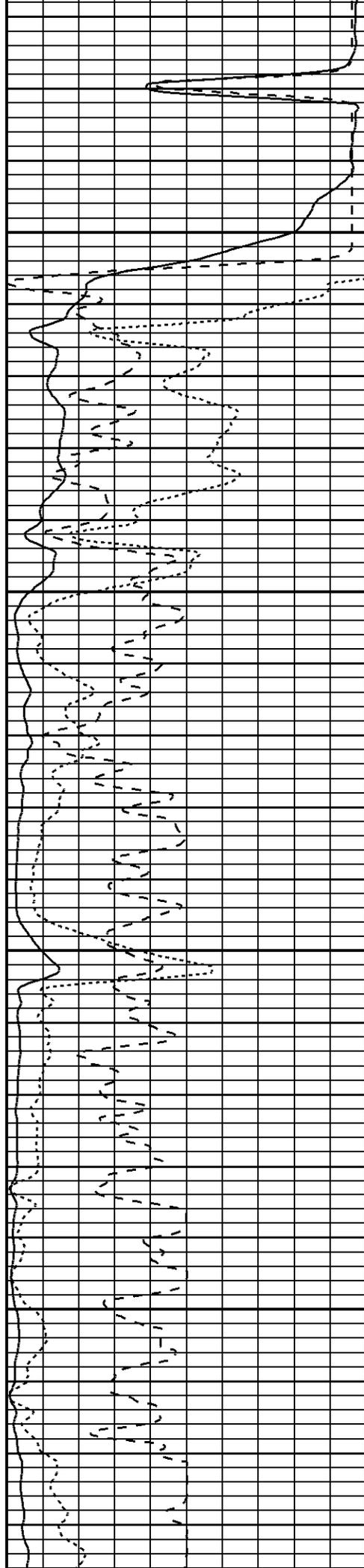


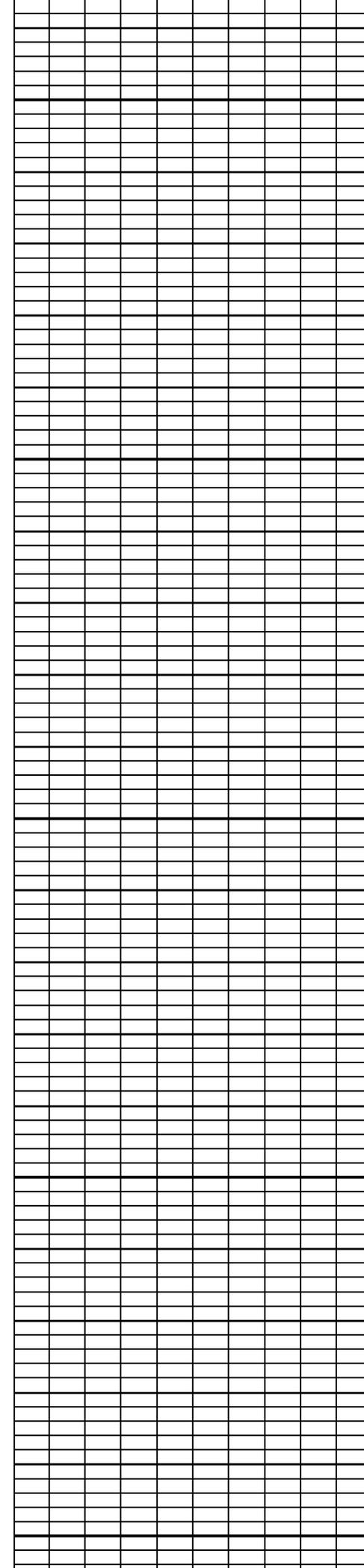
200

250

300

350





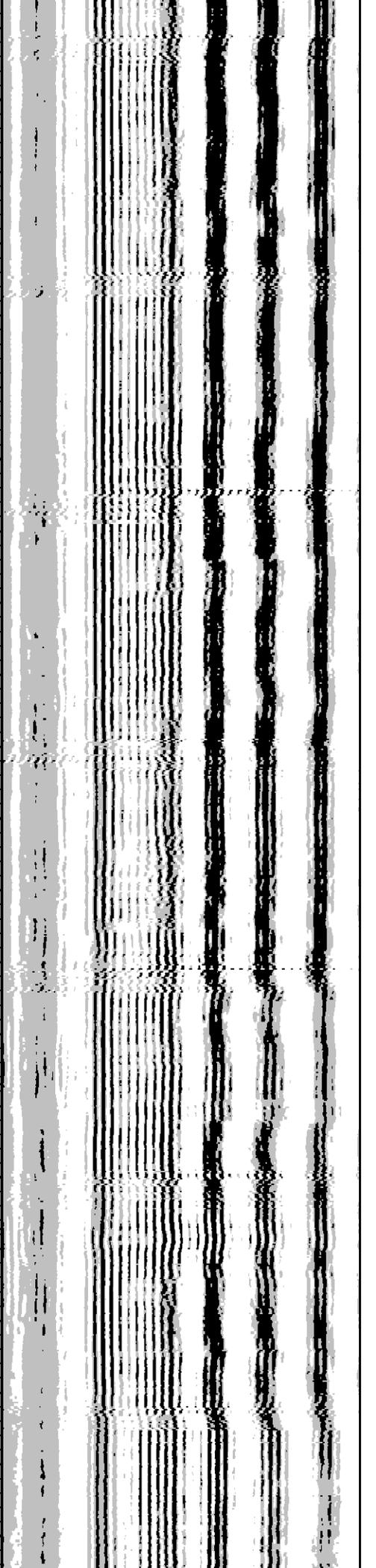
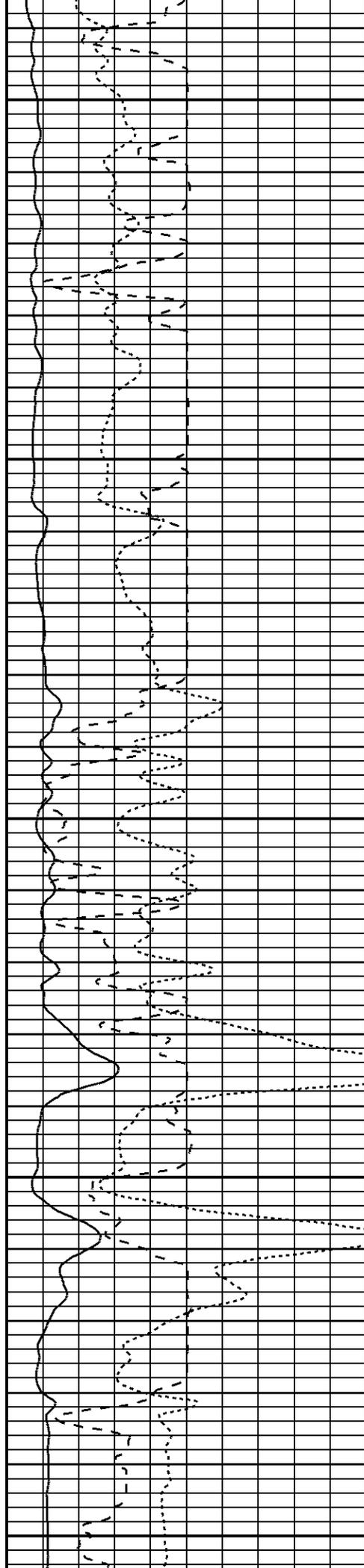
400

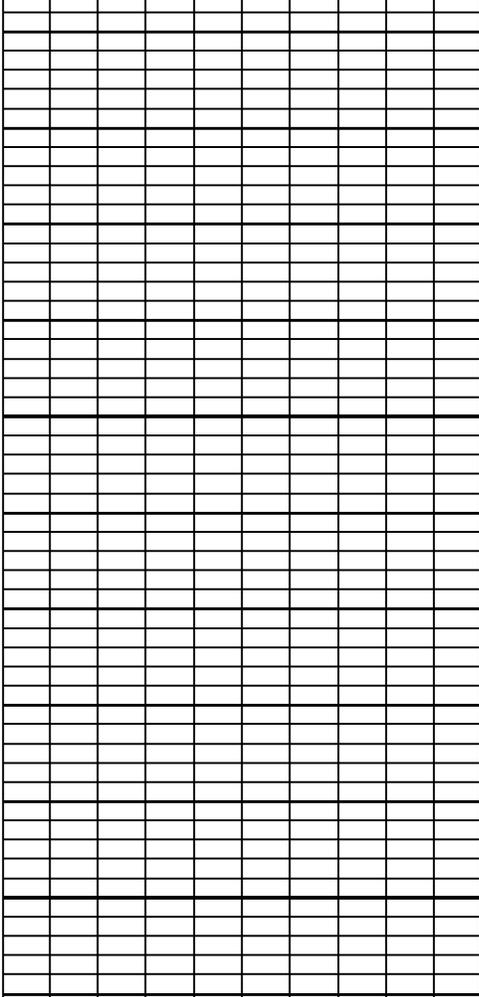
450

500

550

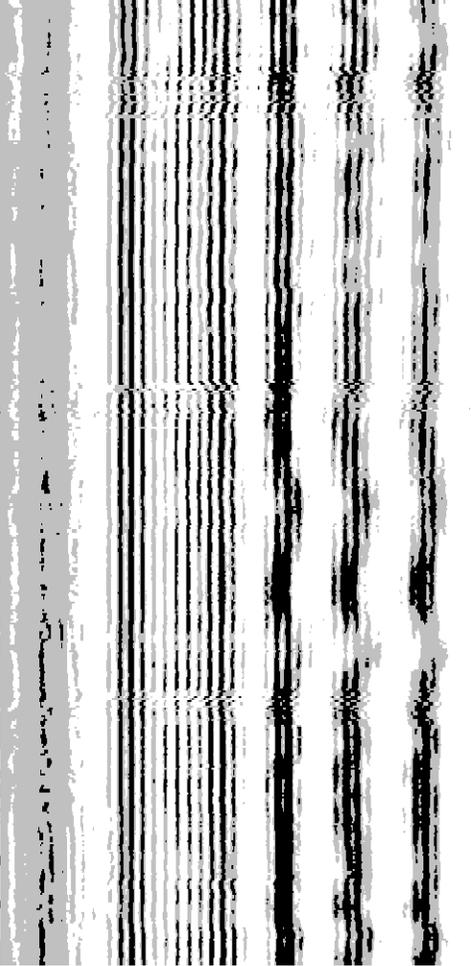
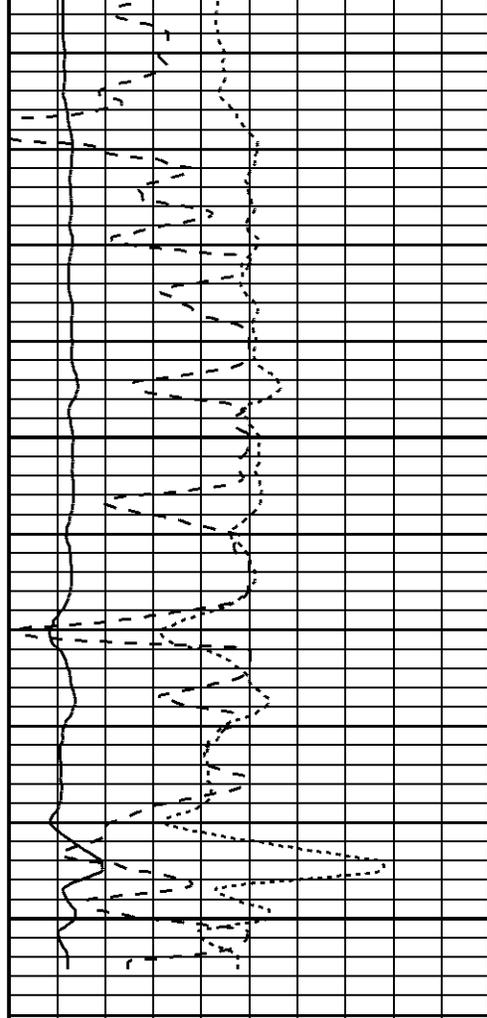
600





650

700



0.0 100.0  
 amplitude  
 0.0 20.0  
 amplitude x 5  
 900 200.0  
 arrival time

VDL

RUN: SONIC BOND  
 DIR: UP  
 DATE: 04/07/14  
 TIME: 10:13:02

**SONIC BOND**

START: 701.75ft  
 STOP: 124.50ft  
 RES: 0.25ft  
 SCALE: 5"/100'

RUN: CASED HOLE LOG  
 DIR: UP  
 DATE: 04/07/14  
 TIME: 09:35:25

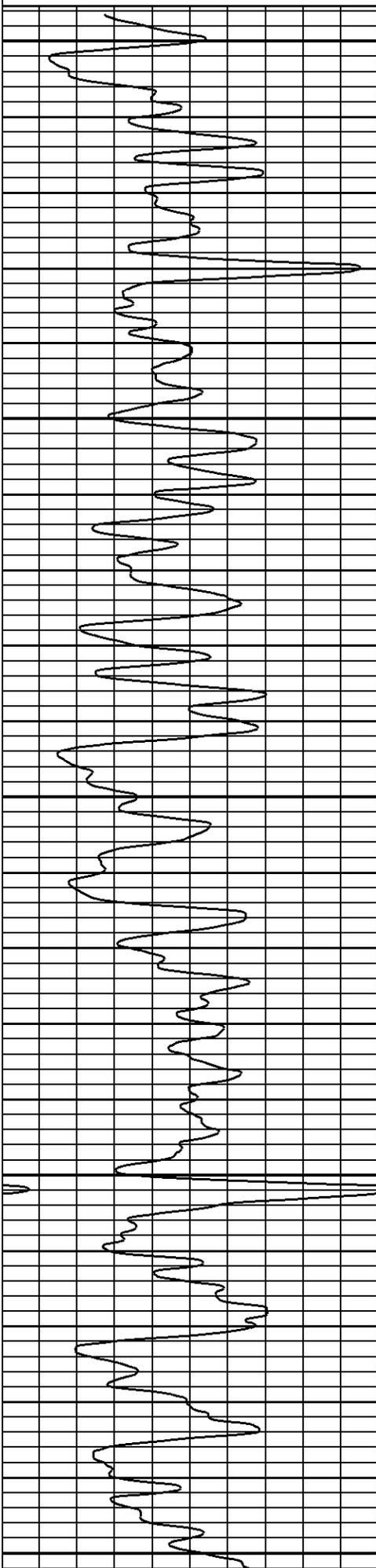
**CASED HOLE LOG**

START: 702.75ft  
 STOP: 286.75ft  
 RES: 0.25ft  
 SCALE: 5"/100'

0 80

GAMMA RAY

CCL



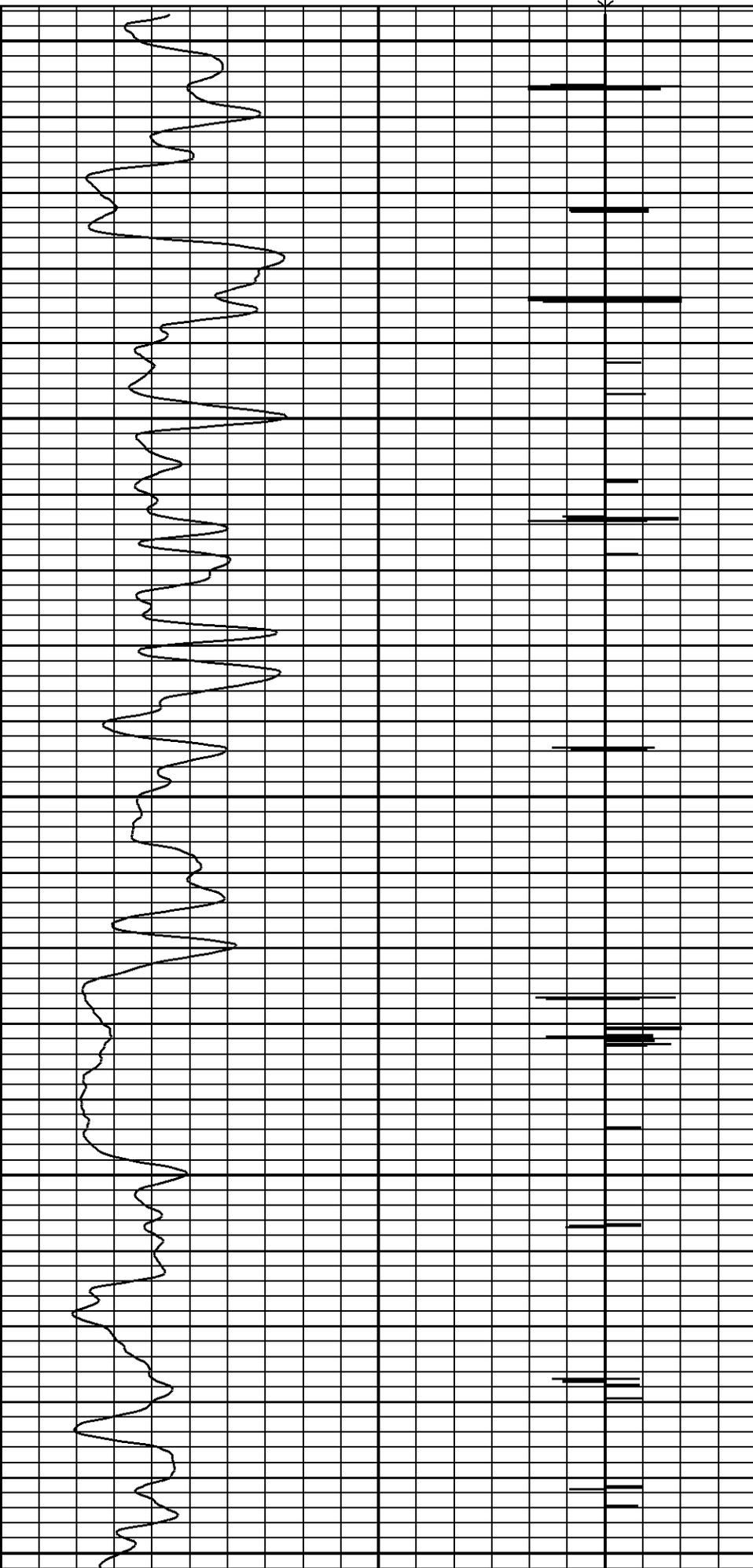
300

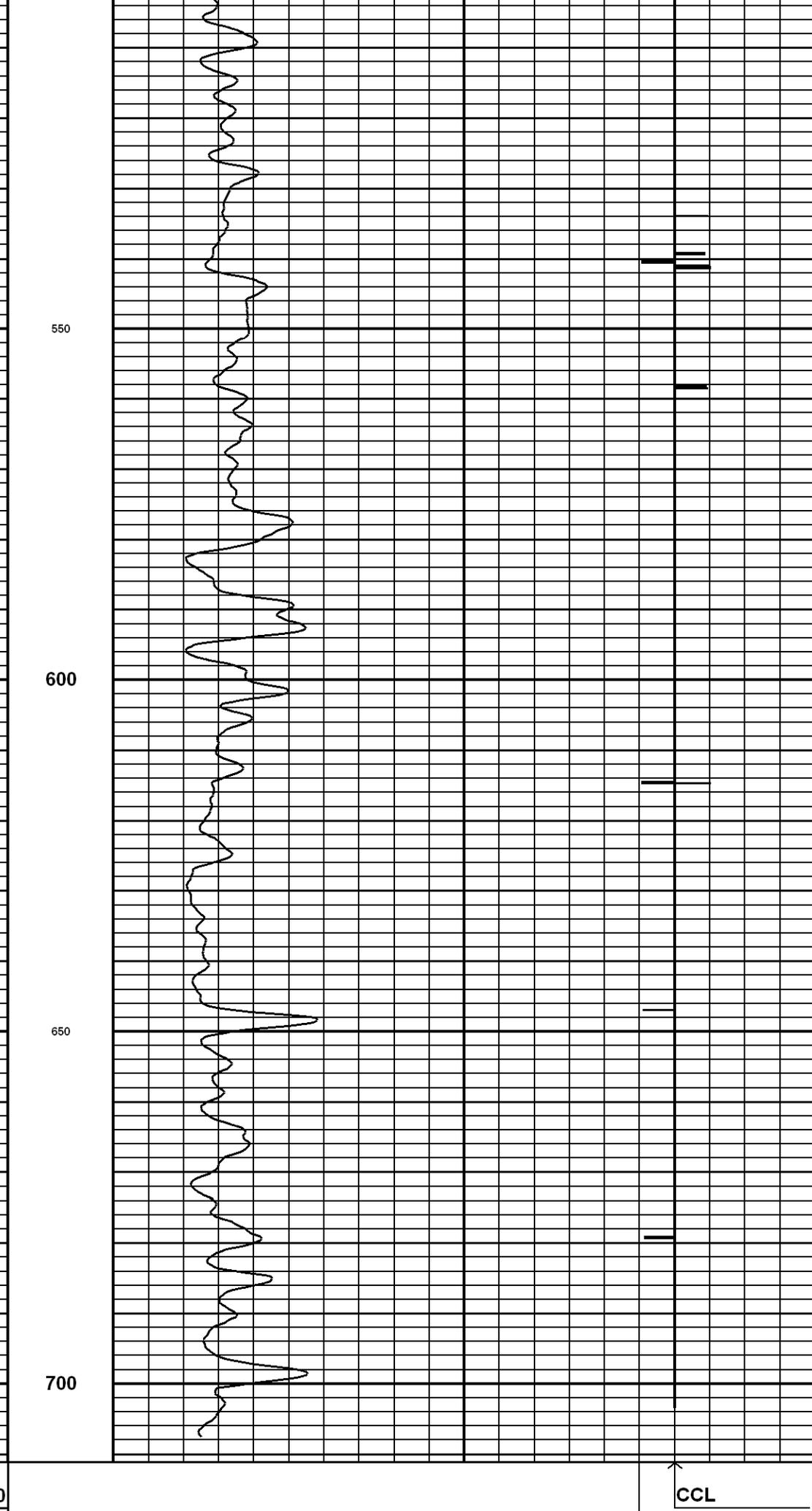
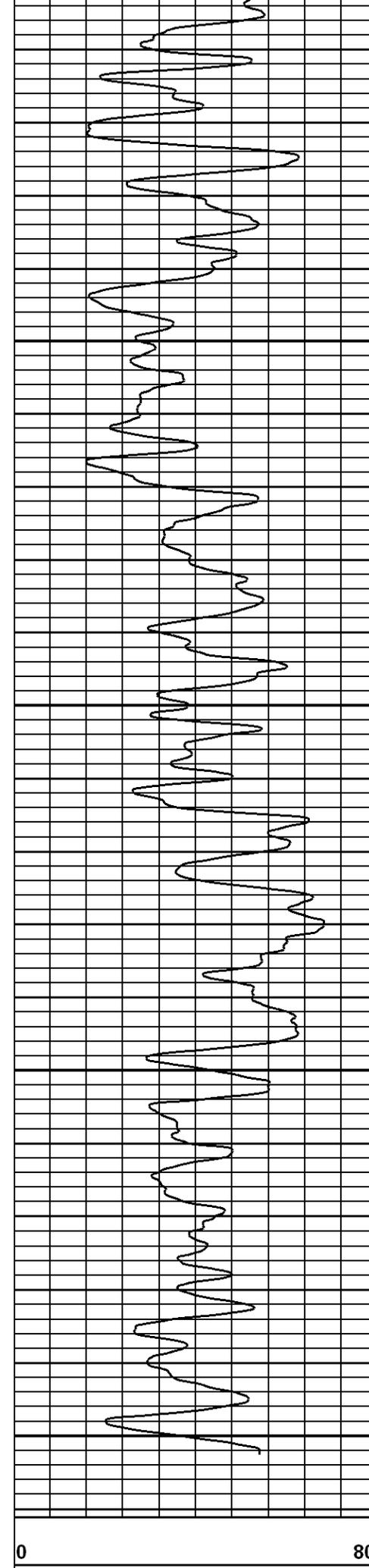
350

400

450

500





NEUTRON

RUN: CASED HOLE LOG

DIR: UP

DATE: 04/07/14

TIME: 09:35:25

## CASED HOLE LOG

START: 702.75ft

STOP: 286.75ft

RES: 0.25ft

SCALE: 5"/100'

**DYNA-LOG INC.**

Company SHAWMAR OIL &amp; GAS

Well DEINES # 2

Field LOST SPRINGS

Country U.S.A. State/Prv KANSAS