O.W.P.

oil well perforators inc.

ACOUSTIC CEMENT BOND— GAMMA RAY LOG

COMPANY AMOCO PRODUCTION COMPANY
WELL UPRR 42 PAN AM "N" NO. 1
FIELD WATTENBERG
County WELD
State COLORADO
File

COMPANY AMOCO PRODUCTION COMPANY
WELL UPRR 42 PAN AM "N" NO. 1
FIELD WATTENBERG
COUNTY WELD STATE COLORADO
Location SW - SW
Other Logs
Sec. 17 Twp. 1N Rge. 67W

Permanent Datum GROUND LEVEL Elev. 5127
Log Measured From KELLY BUSHING, 10' ABOVE GROUND
Drilling Measured From KELLY BUSHING
Elevation KB. 5137 DF. GL. 5127

Type Log	CBL - G/R	
Run No.	ONE	
Date	12-28-84	
Total Depth Driller	8390	
Present Depth Driller	8190	
Total Depth O.W.P.	8154	
Survey Begins	8150	5900
Survey Ends	7200	5000
Truck No.	544	
Location	BRIGHTON	
Type Fluid in Hole	WATER	
Salinity PPM Cl		
Weight lb./gal.		
Fluid Level	FULL	
Max. Hole Temp.		
Recorded By	HIGGINS	
Witnessed By	MR. TIM DRILLING	

BORE HOLE RECORD				CASING RECORD			
Run	Bit	From	To	Size	Wgt.	From	To
				8 5/8	24#	SURFACE	194
				4 1/2	10.5#	SURFACE	8388

LOGGING TOOL DATA

Truck No. 544 Inst. Truck No.

GAMMA RAY
Tool Model No. 10CS Dia. 3.125"
Detector Model No.
Type SCINT. Length 4"
Distance To Bond Ref. 84"

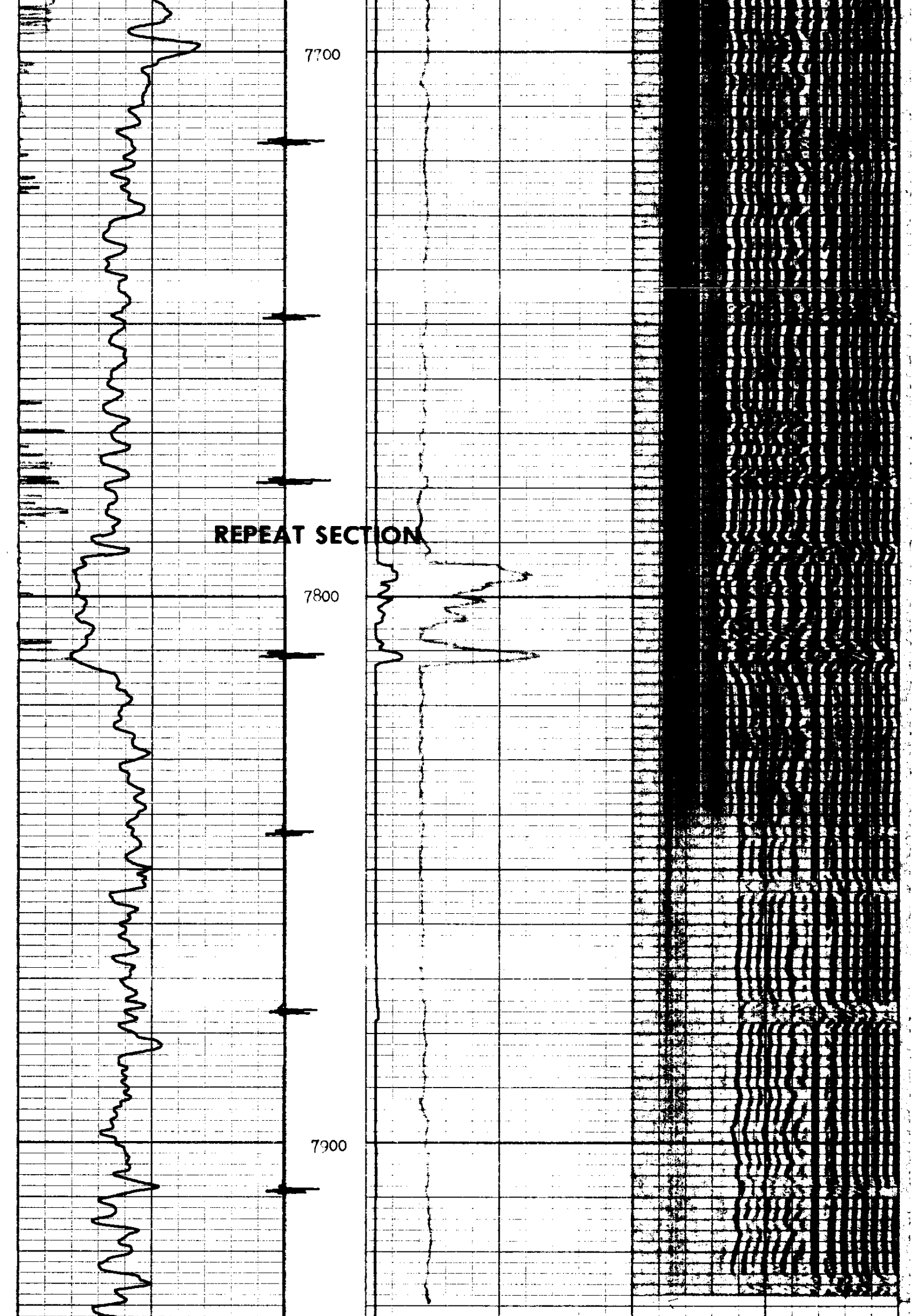
Tool Serial No. 20
CEMENT BOND
Log Type ACOUSTIC
Tool Model No. Dia. CENT.
Detector Model No.
Free Casing = 85 mV [illegible]
Spacing 3'

LOGGING DATA

Depth		Speed	T. C.	Gamma Ray Setting			T. C.	Bond Setting		
From	To	Ft./min	Sec.	Sensitivity	Zero	Scale	Sec.	Sensitivity	Zero	Scale
8150	7200	30	2	450		CORRELATION	2	G= 80	D= 475	I= 470
5900	5000	30	2	450		CORRELATION	2	G= 80	D= 475	I= 470

Calibration Data LOG CALIBRATED @ 4600
CEMENTING DATA & REMARKS:

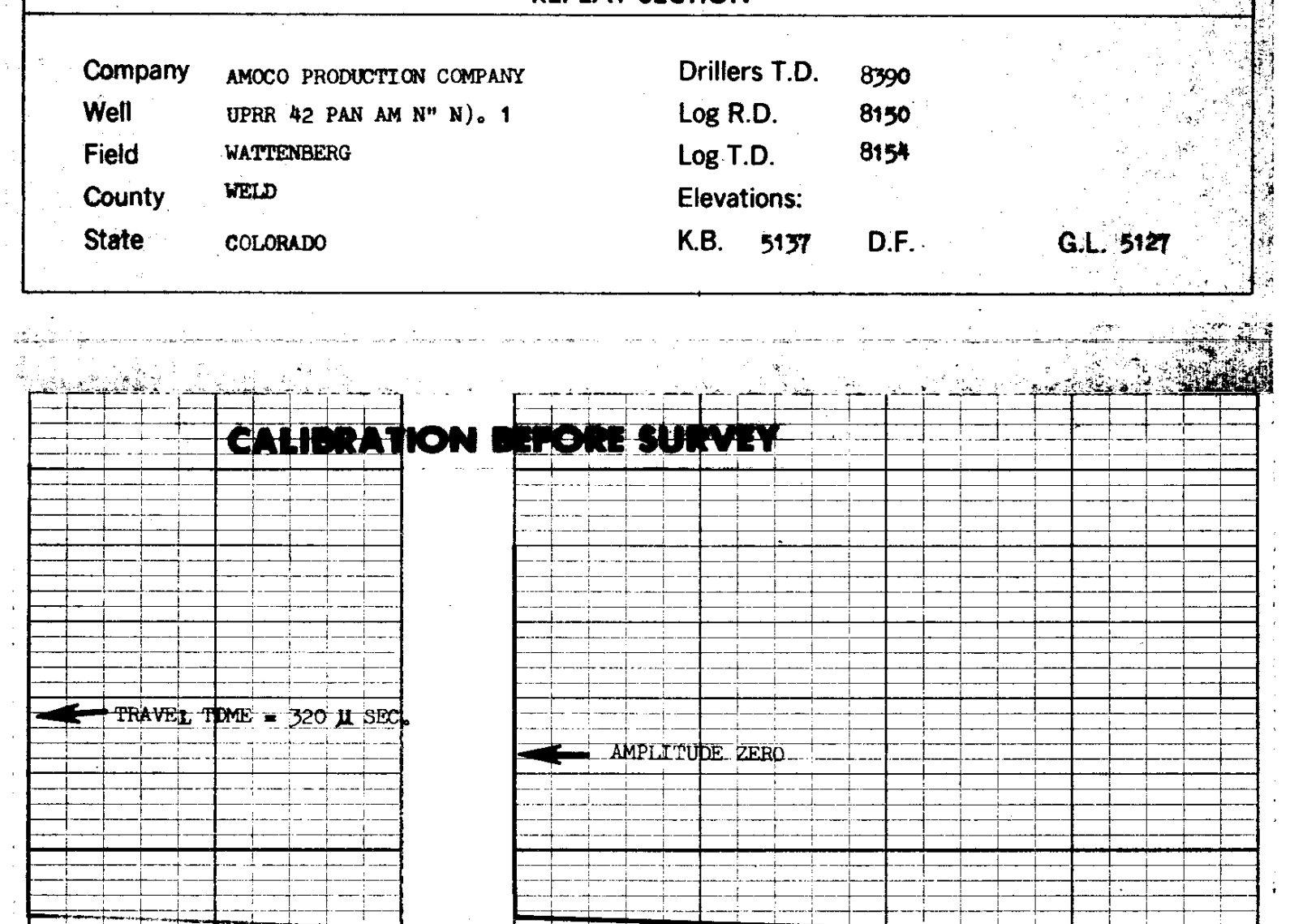
PEN SPACING CHECK

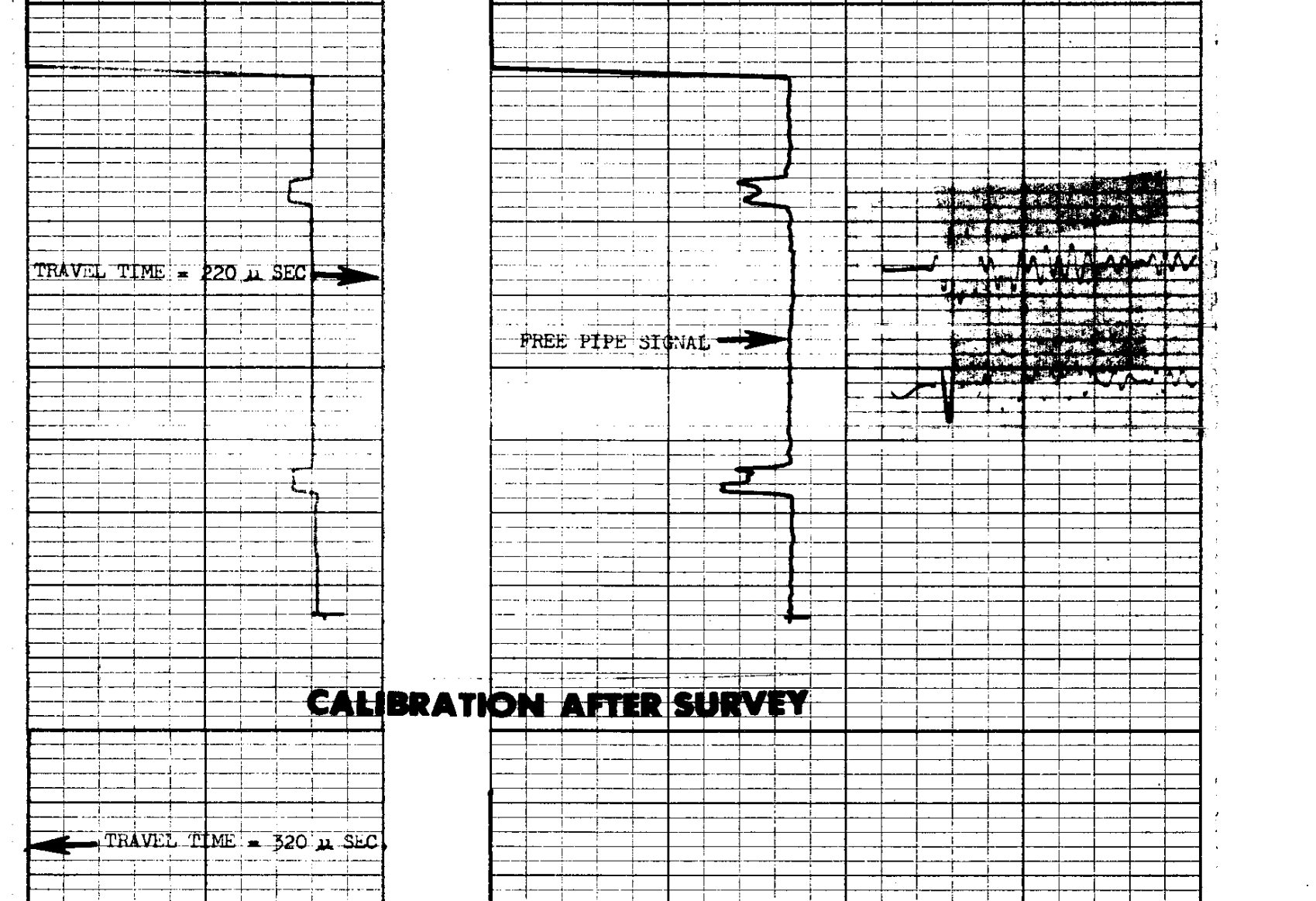


REPEAT SECTION

Company	AMOCO PRODUCTION COMPANY	Drillers T.D.	8390
Well	UPRR 42 PAN AM "N" NO. 1	Log R.D.	8150
Field	WATTENBERG	Log T.D.	8154
County	WELD	Elevations:	
State	COLORADO	K.B. 5137 D.F.	G.L. 5127

CALIBRATION BEFORE SURVEY



CALIBRATION AFTER SURVEY