

Mercury

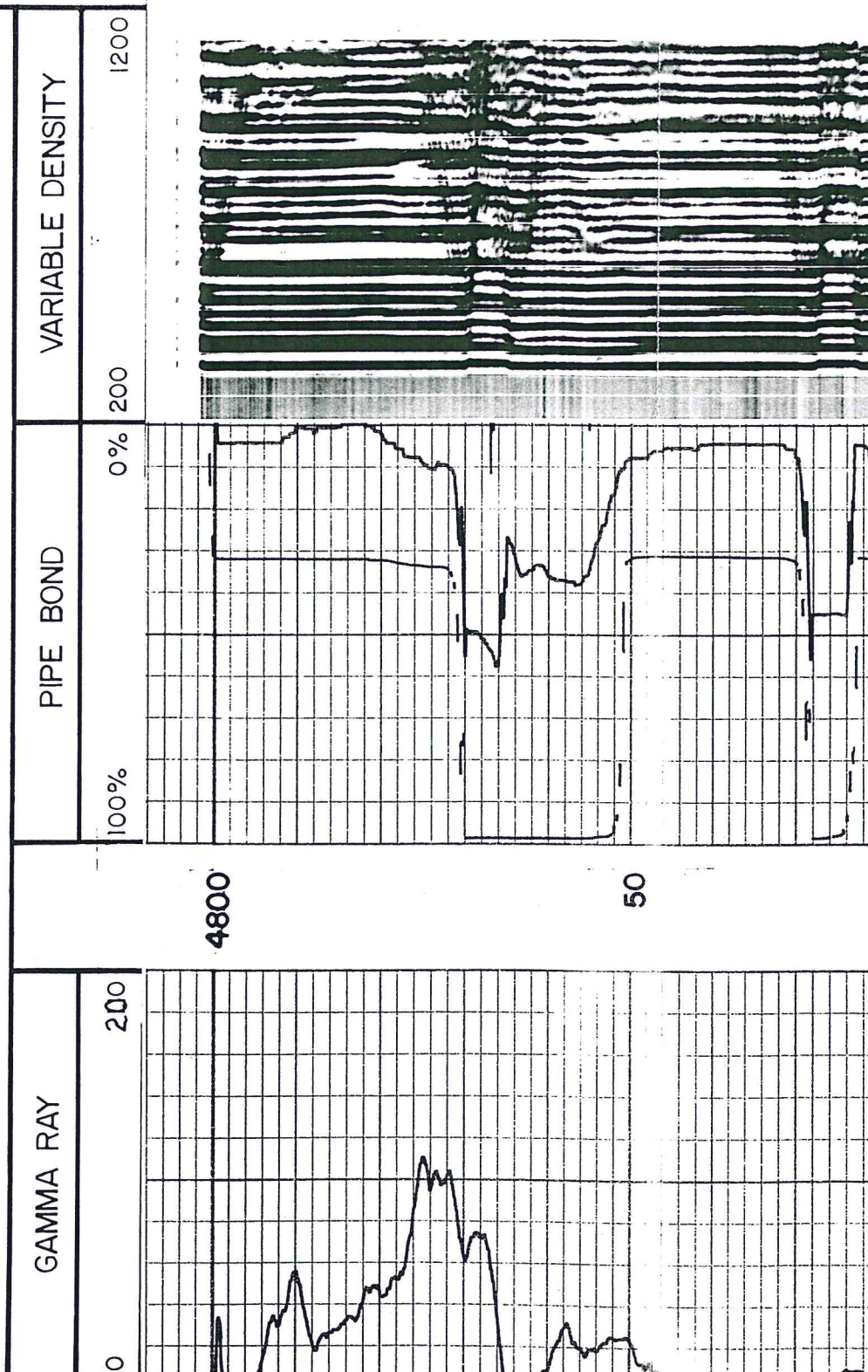
VARIABLE INTENSITY CEMENT BOND LOG

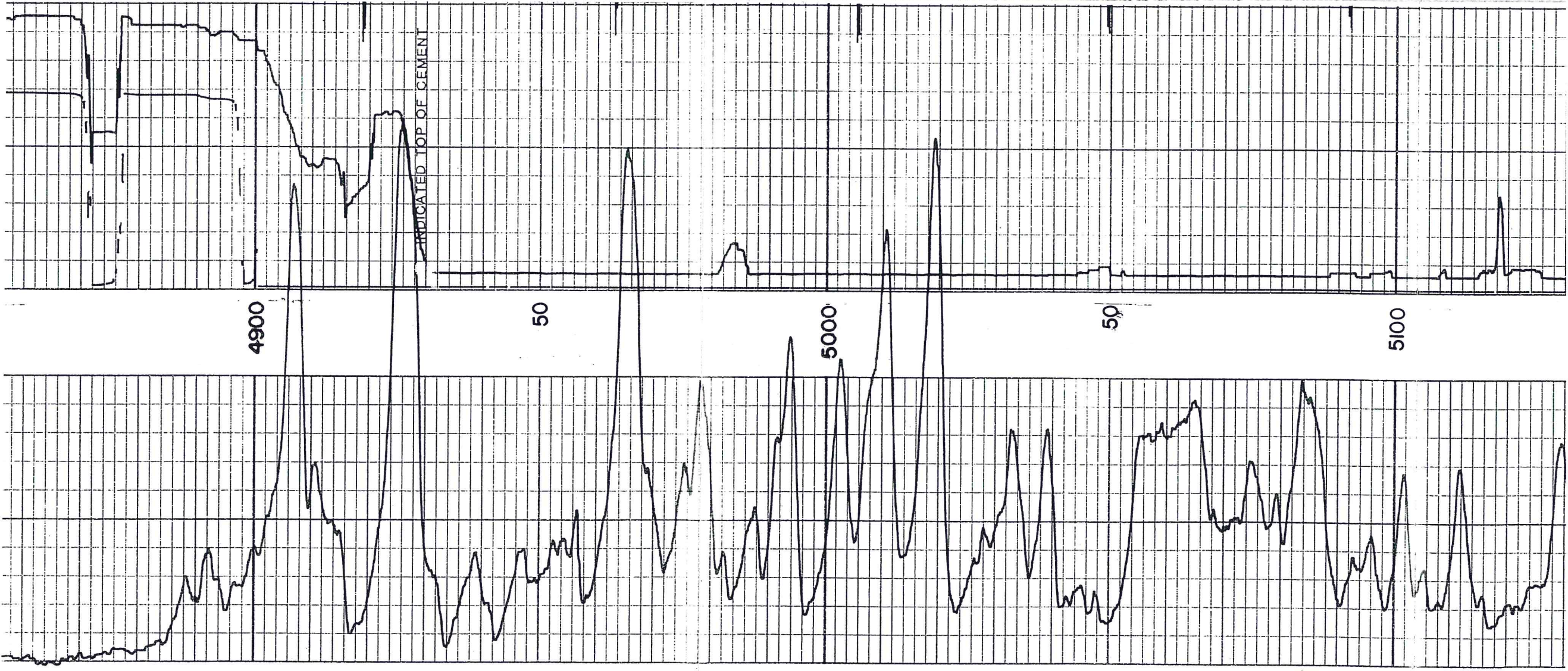
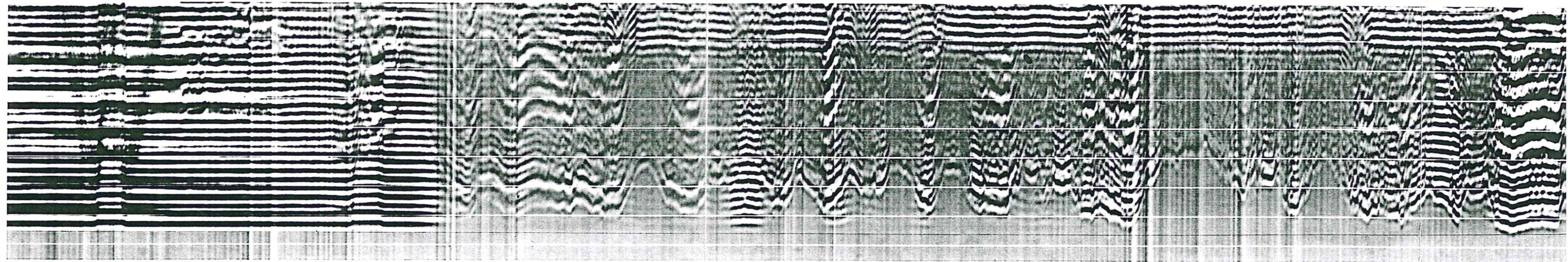
COMPANY	MULL DRILLING COMPANY, INC.		
WELL	#2 ARENDS <i>NW 1/4 #27</i>		
FIELD	ARAPAHOE		
COUNTY	CHEYENNE	STATE	COLORADO
Location	1629 FNL + 1794 FEL SW- NE		
Sec.	6	Twp	14S Rge 42W
Permanent Datum	G.L.	Elev.	4022
Log Measured From	K.B.	12 Ft. Above Perm. Datum	Elev.: K.B. 4034
Drilling Measured From	K.B.		D.F.
			G.L. 4022
Run No.	ONE		
Date & Time Survey	17 OCT 1988		
Date & Time Cementing	-		
Type Cementing Operation	PRIMARY		
Depth Driller	5461		
Depth Mercury	5406		
Logged Interval	5404 to 4800		
Casing Driller	9 5/8 @ 501		
Float Collar—D.V. Tool	-		
Squeeze Depth	-		
Amount & Type Cement	HALLIBURTON		
Amount & Type Admix	-		
Type Fluid in Hole	WATER		
Fluid Level	FULL		
Salinity PPM Cl	FRESH		
Weight lb/gal—Vis.	-		
Approx. Logged Cem. Top	4928		
Calculated Cement Top	-		
Max. Hole Temperature	- °F.		
Tool No.	262		
Spacing Recorded	5'		
Equipment—Location	S.O.-1 C.W.		
Recorded by	PAT PATTERSON		
Witnessed by	MIKE DOLLEY		

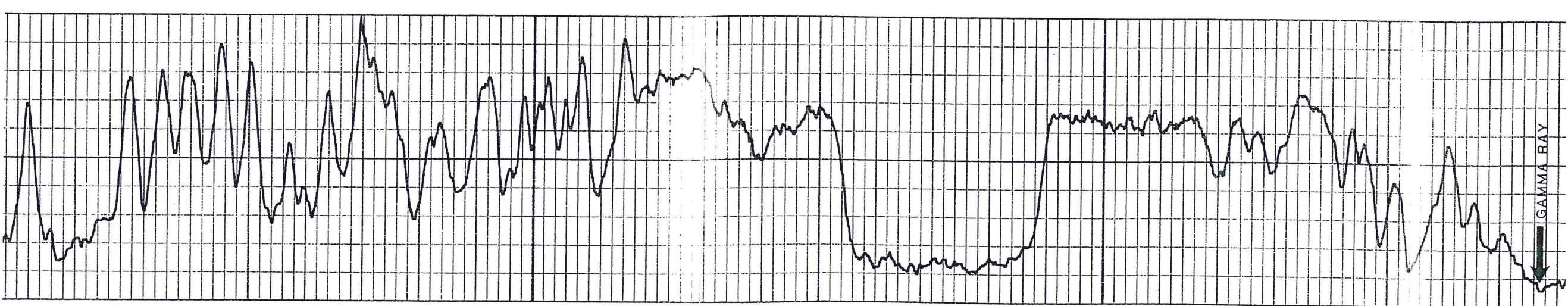
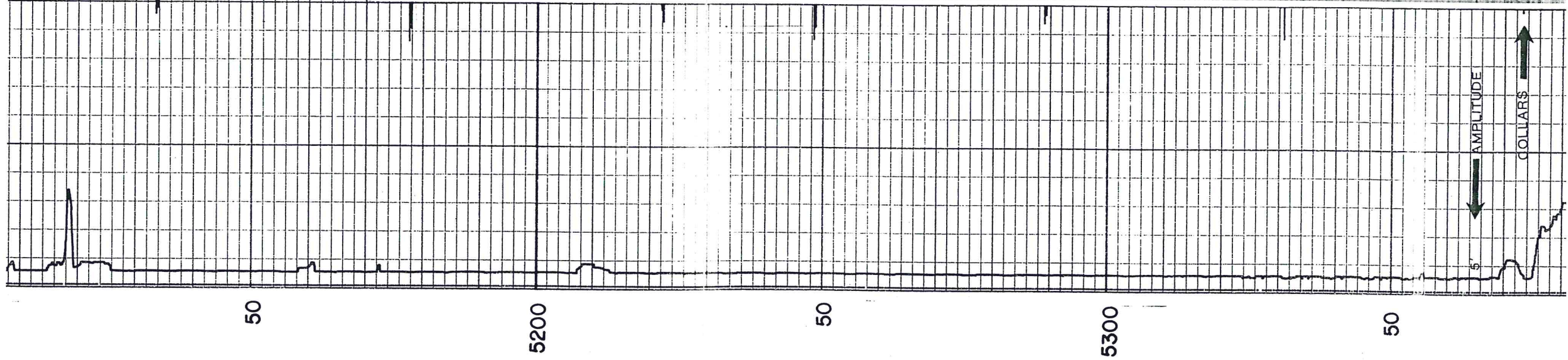
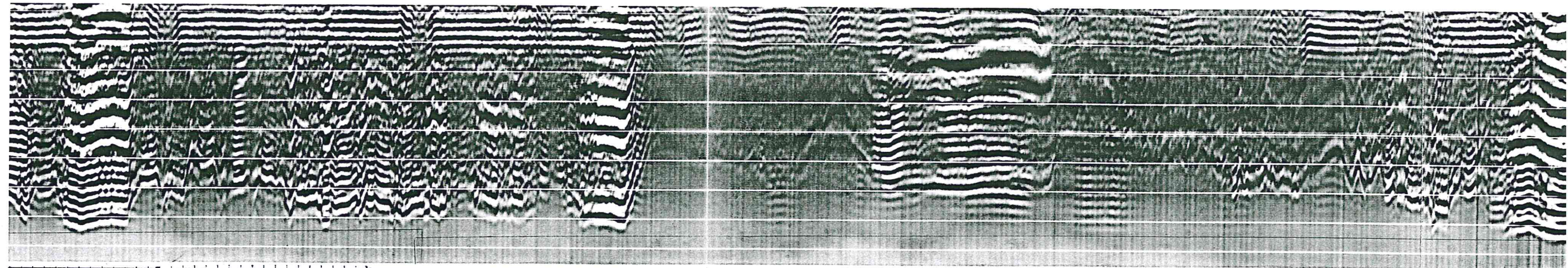
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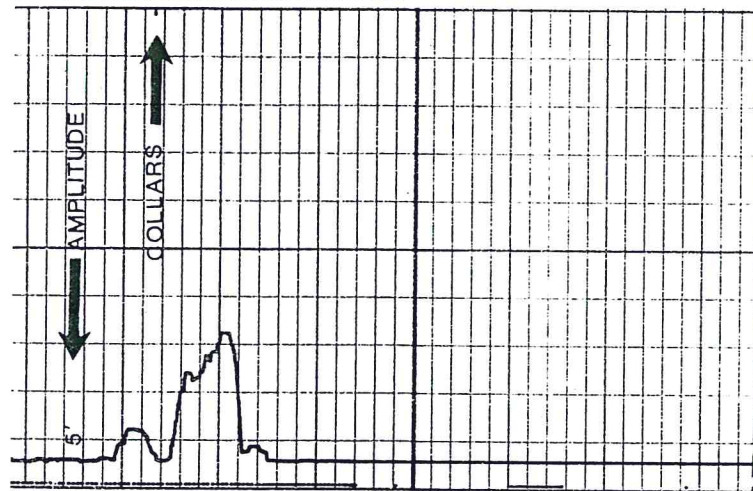
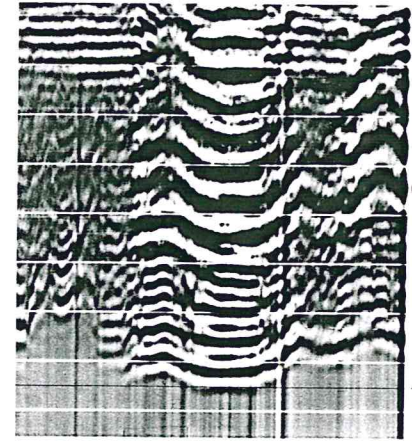
BORE HOLE RECORD				CASING RECORD			
Bit Size	From	To	Csg. Size	Wt.	From	To	Centralized Interval
10 3/4	0	501	9 5/8	32	0	501	
7 7/8	0	5460	5 1/2	15.5	0	5448	Scratched Interval
							Open Perforations

Service Ticket No. _____ Remarks _____

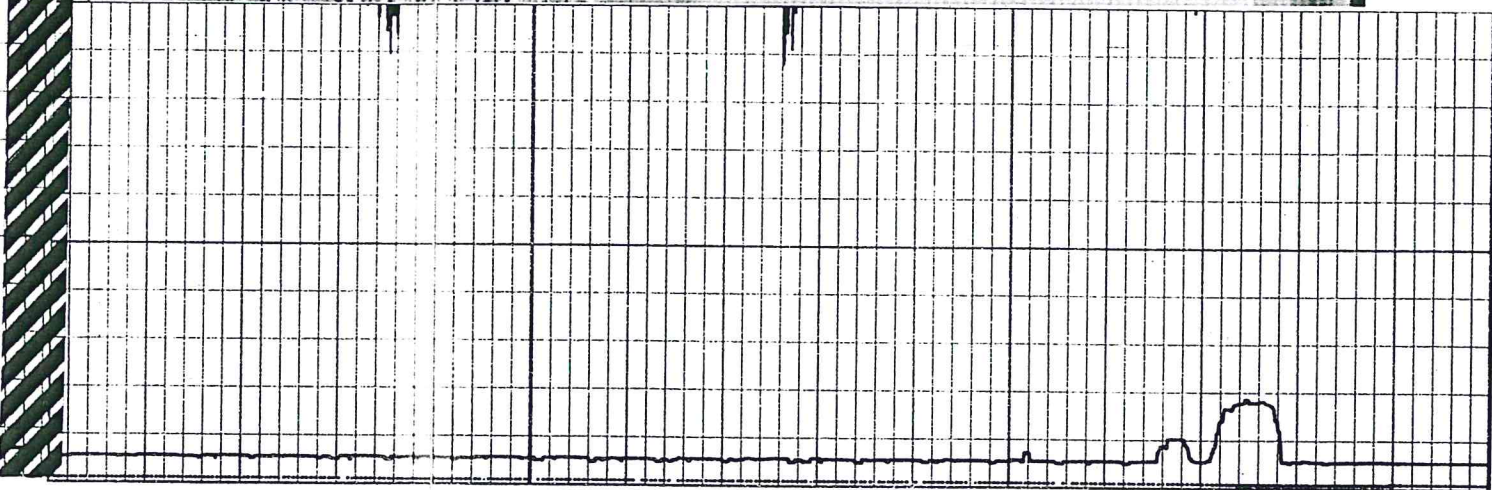
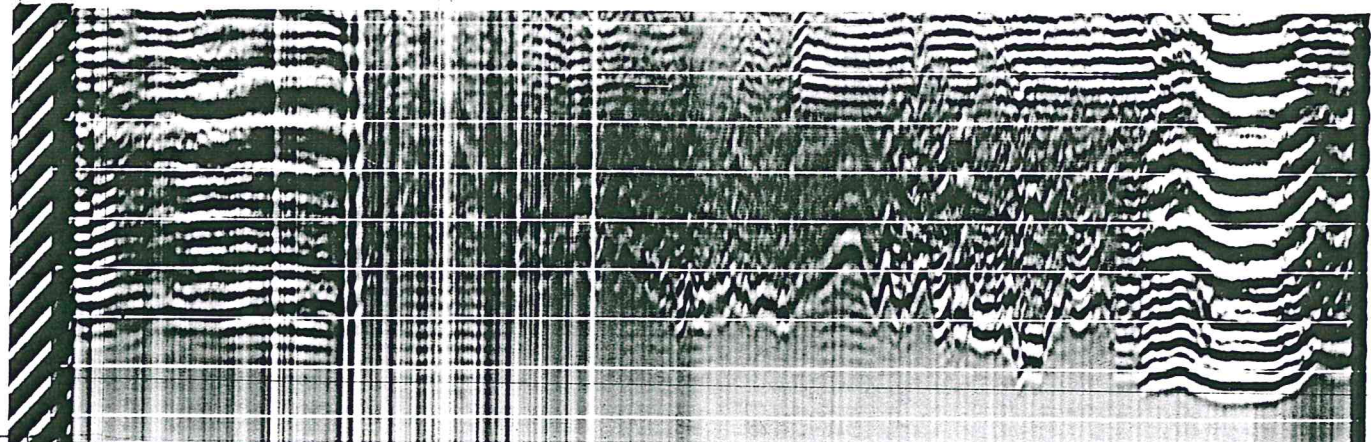




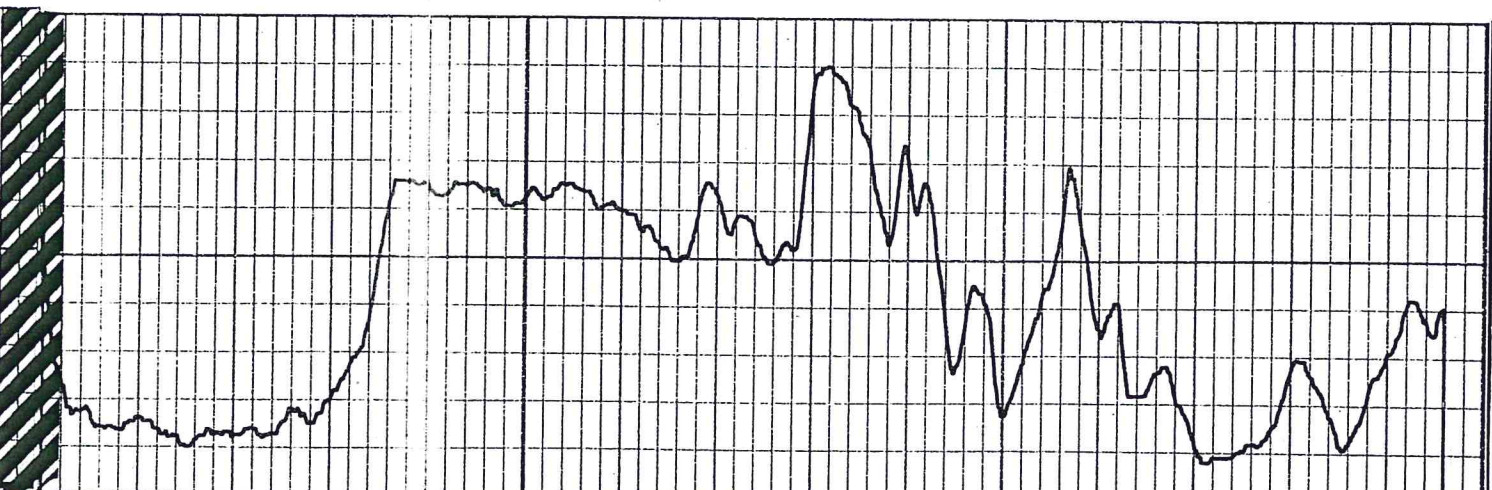
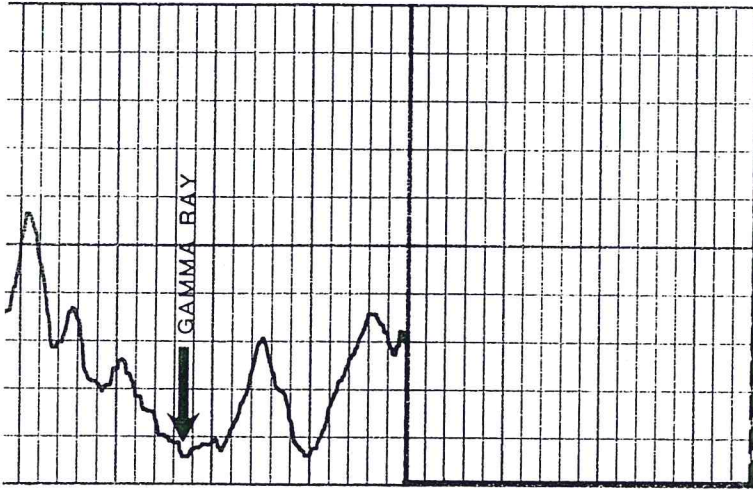




5400



REPEAT SECTION REPEAT SECTION



GAMMA RAY		PIPE BOND		VARIABLE DENSITY	
0	200	100%	0%	200	1200

COMPANY MULL DRILLING

LEASE #2 ARENDOS

COUNTY CHEYENNE

T.D. LOGGED 5406

T.D. DRILLER 5460