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A DIVISION OF PRESSER INDUSTRIES, INC.

COMPANY: YATES BROTHERS

WELL: NO. 4 STATE "F"

FIELD: RED LAKE

LOCATION: 990' FNL & 2310' FWL OF SEC. 15, T-17-S, R-28-E

COUNTY: EDDY **STATE:** N. MEX.

LOG ZERO: CABLE TOOL FLOOR **ELEV. ***

DRLG. ZERO: CABLE TOOL FLOOR **ELEV. ***

PERM. DATUM: GROUND LEVEL + 2.51' C. T. F. **ELEV. ***

WELL LOCATION

TYPE OF LOG.....	CEMOTON			
RUN NO.....	ONE-NW			
DATE.....	8-1-59			
TOTAL DEPTH (DRILLER).....	2078			
EFFECTIVE DEPTH (DRILLER).....	2070			
TOP OF LOGGED INTERVAL.....	1000			
BOTTOM OF LOGGED INTERVAL.....	1500			
TYPE OF FLUID IN HOLE.....	WATER			
FLUID LEVEL.....	528			
MAXIMUM RECORDED TEMP.....				
SOURCE STRENGTH & TYPE.....	S10A3			
SOURCE SPACING — IN.....	13.5			
DETECTOR CLASS.....	SCINT.			
DETECTOR TYPE.....	DBP2			
LENGTH OF MEAS. DEVICE — IN.....	4			
O.D. OF INSTRUMENT — IN.....	3 5/8			
TIME CONSTANT — SECONDS.....	0.9			
LOGGING SPEED FT./MIN.....	100			
STATISTICAL VARIATION — IN.....				
SENSITIVITY REFERENCE.....	C-1127			
RECORDED BY.....	REED			
WITNESSED BY.....	LOYD			

WELL RECORD					
RUN	BIT SIZE	CASING	WT.-LB.	FROM WELL RECORD	FROM LOG
ONE	10 1/4	8		SURFACE TO 495	SURFACE TO
ONE	8	5		SURFACE TO 2074	SURFACE TO 2068
				TO	TO
				TO	TO
				TO	TO

[illegible]

The diagram illustrates the relationship between several variables as the casing and collar log depth increases. On the left, a vertical line is labeled "CASING & COLLAR LOG DEPTH". To the right of this line, three horizontal lines are shown. The top line is labeled "N/NEUTRON" and has a solid arrow pointing to the right. The middle line is labeled "RADIATION INTENSITY INCREASES" and has a solid arrow pointing to the right. The bottom line is labeled "CEMOTON" and has a dashed arrow pointing to the left.

