THIS FORM CONFORMS TO API RP 33

S.O.80613

LANE WELLS COMPANY RADIOACTIVITY LOG

FILE NO.

COMPANY: EL PASO NATURAL GAS COMPANY
WELL: FEDERAL No. 1
FIELD: WILDCAT NEAR VALE, OREGON
COUNTY: MALMEUR STATE: OREGON
LOCATION: 520' E/W 330' N/S
SEC.5-20S-44E

COMPANY: EL PASO NATURAL GAS COMPANY
WELL: FEDERAL No. 1
FIELD: WILDCAT NEAR VALE, OREGON
COUNTY: MALMEUR STATE: ORE.
LOCATION: 520' E/W 330' N/S
SEC.5-20S-44E

Location of Well
520' E/W
330' N/S
SEC.5-20S-44E

LOG MEAS. FROM K.B. ELEV. 2531
DRLG. MEAS. FROM K.B. ELEV. 2531
PERM. DATUM G.L. ELEV. 2520

TYPE OF LOG	GAMMA RAY	NEUTRON	NEUTRON	
RUN NO.	1 NW	1 NW	1 NW	
DATE	1-14-55	1-14-55	1-14-55	
TOTAL DEPTH (DRILLER) S.I.D.	7470	7470	7470	
EFFECTIVE DEPTH (DRILLER)	7470	7470	7470	
TOP OF LOGGED INTERVAL	SURF.	19	SURF.	
BOTTOM OF LOGGED INTERVAL	7474.5	7484.5	7484.5	
TYPE OF FLUID IN HOLE	GEL -	CAS -	QUEB	
FLUID LEVEL	FULL	FULL	FULL	
MAXIMUM RECORDED TEMP.	265F	265F	265F	
NEUTRON SOURCE STRENGTH & TYPE		600N	600N	
SOURCE SPACING — IN.		3.75	12.75	
LENGTH OF MEASURING DEVICE — IN.	36"	9.1"	9.1"	
O.D. OF INSTRUMENT — IN.	3 5/8"	3 5/8"	3 5/8"	
TIME CONSTANT — SECONDS	4	4	4	
LOGGING SPEED FT./MIN.	35'	35'	35'	
STATISTICAL VARIATION — IN.				
SENSITIVITY REFERENCE	274	275	275	
RECORDED BY	MORTON	MORTON	MORTON	
WITNESSED BY	BECHTEL	BECHTEL	BECHTEL	

WELL RECORD

RUN NO.	BIT SIZE	CASING	WT.—LB.	FROM WELL RECORD		FROM R/A LOG	
1	17 1/4	13 3/8	48	SURF.	TO 293		TO
1	9				TO 7470		TO
					TO		TO
					TO		TO
					TO		TO
					TO		TO

REMARKS OR OTHER DATA

NOTE: 2" SCALE REDUCED FROM 5" BY MEANS OF PANTOGRAPH.
MULTI-SPACED NEUTRON LOG RUN ON THIS WELL.
_____(SOLID LINE - STANDARD SPACING) 3.75" SPACING
--------(DASHED LINE) 12.75" SPACING

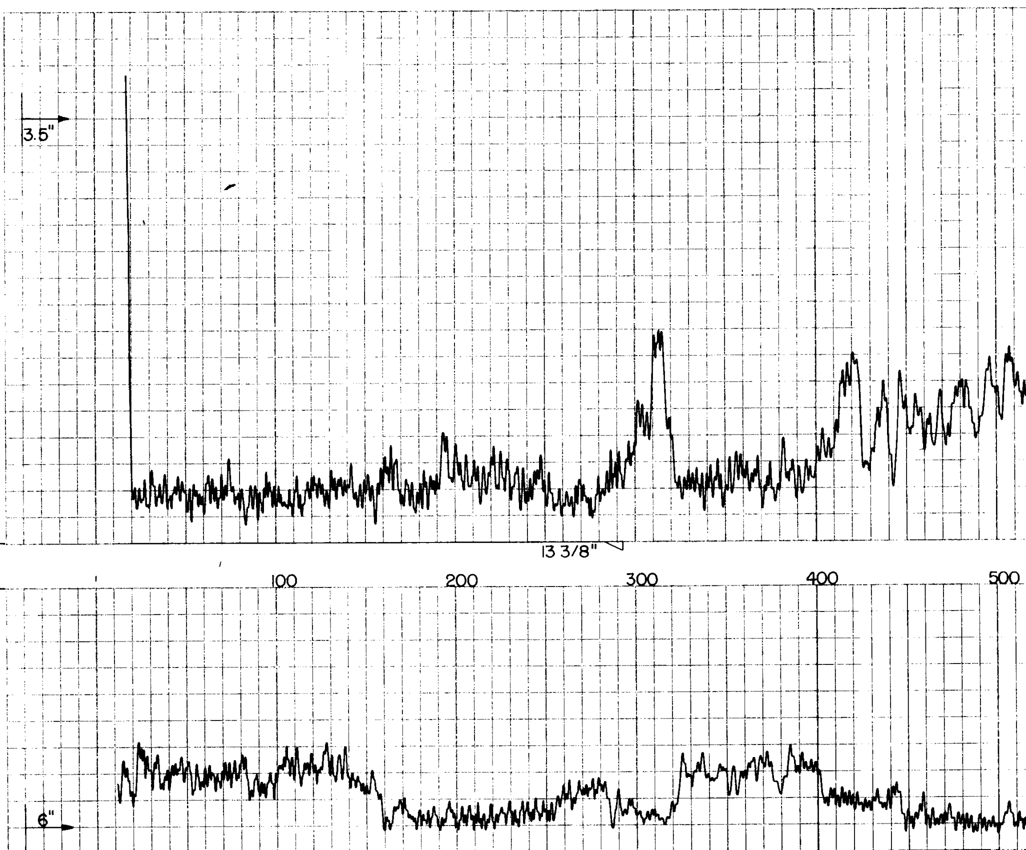
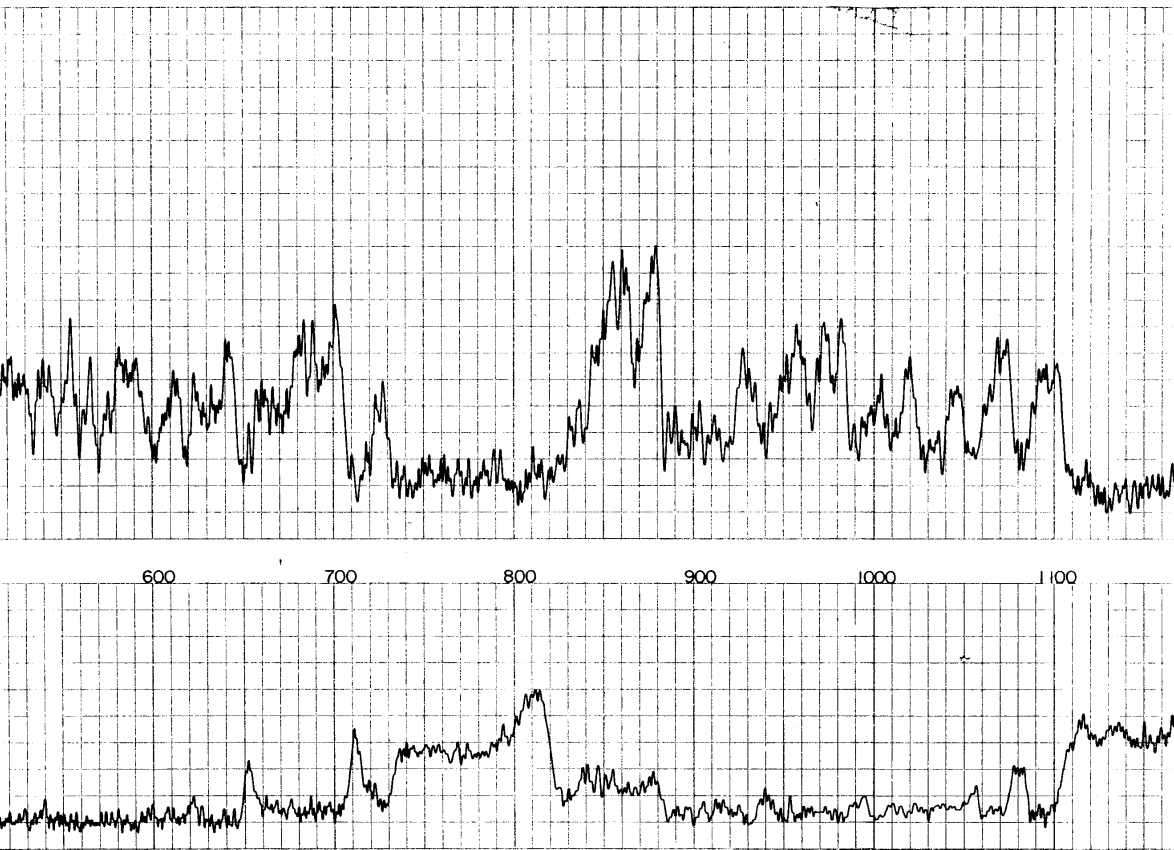
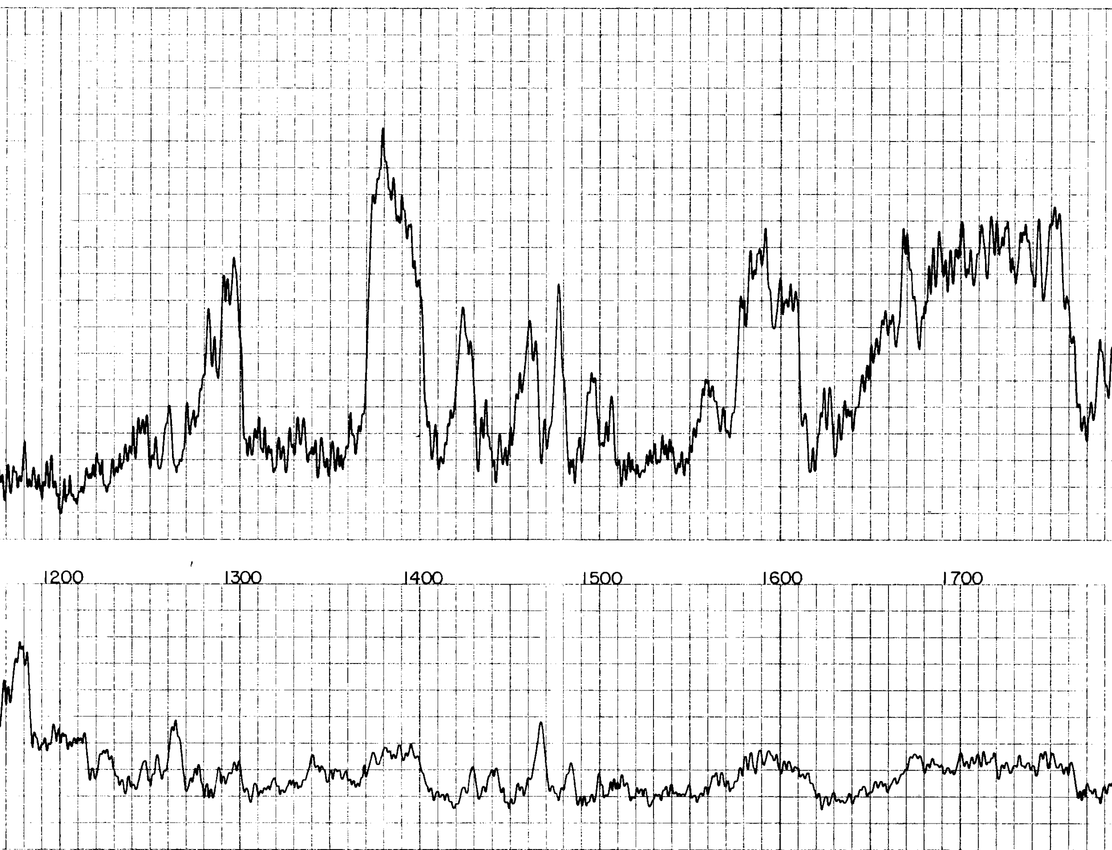
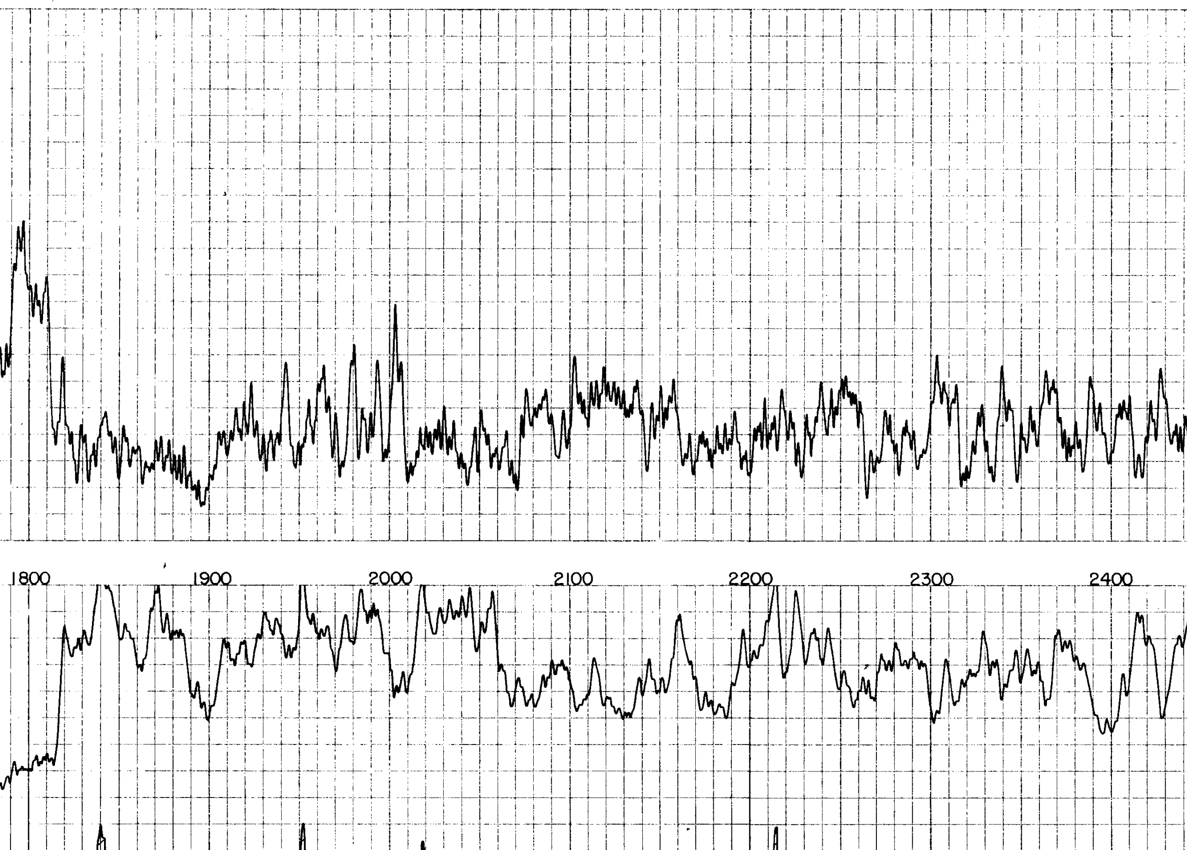
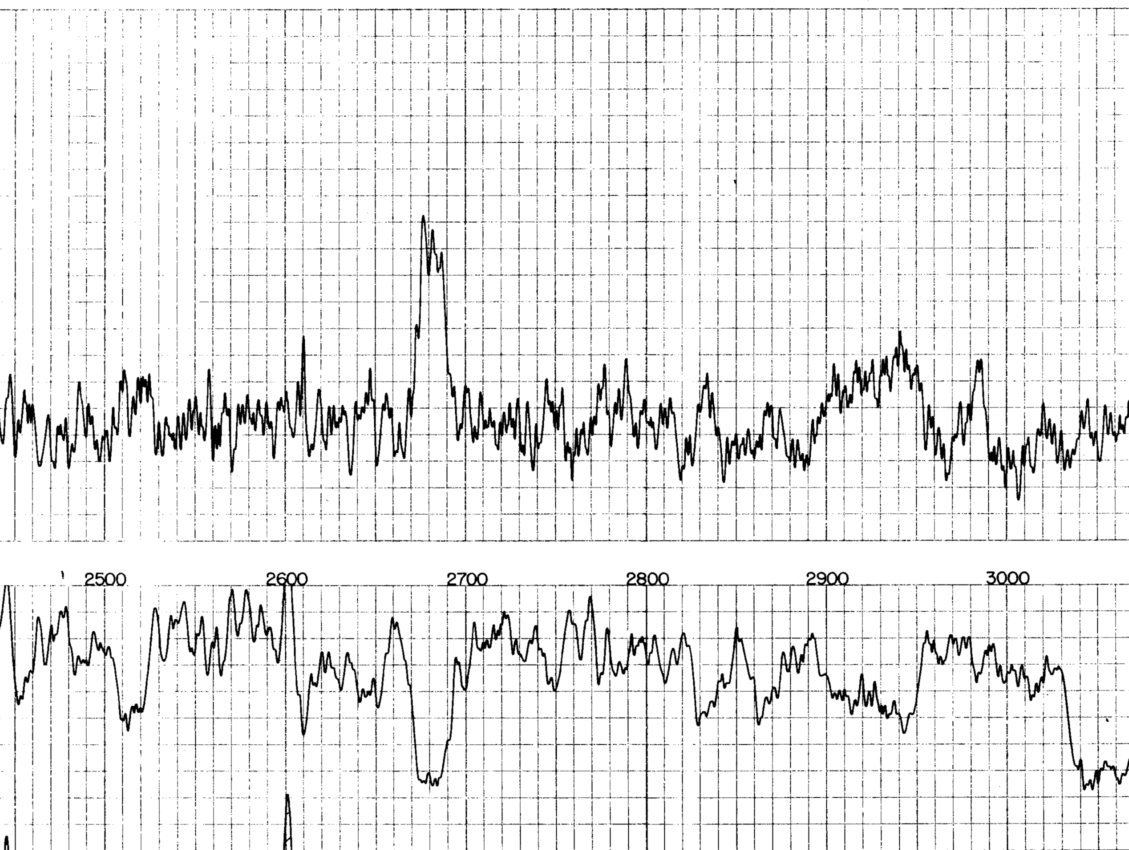
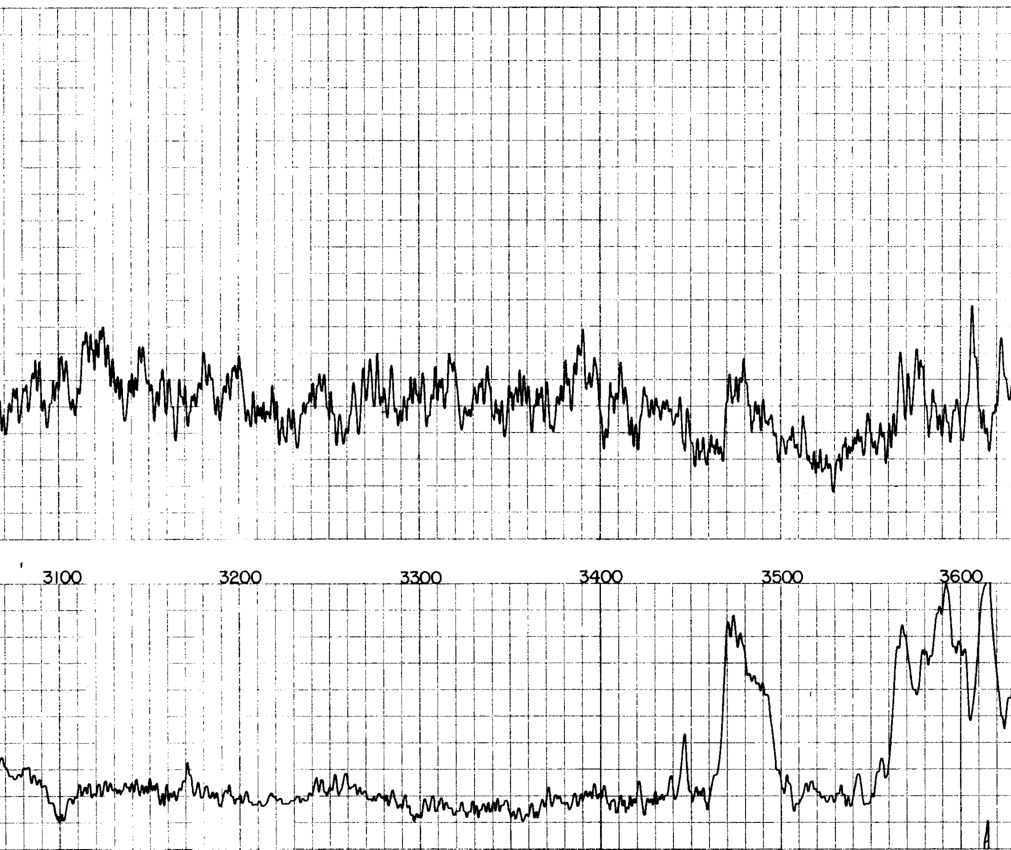
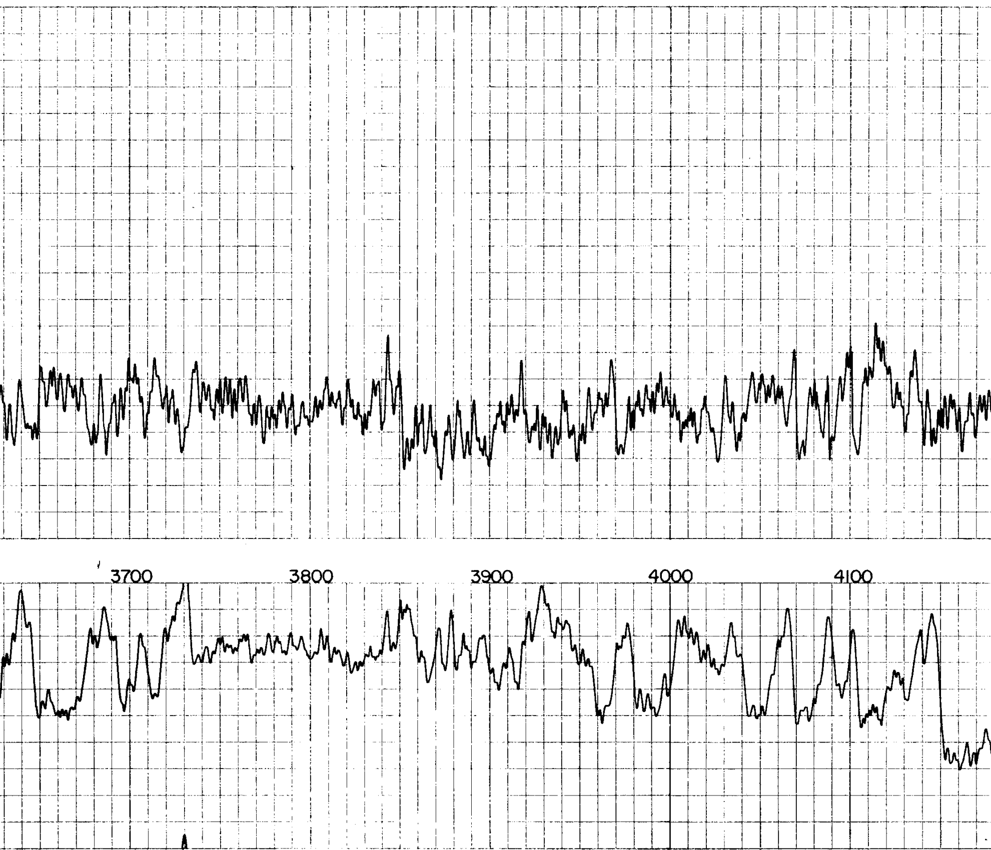
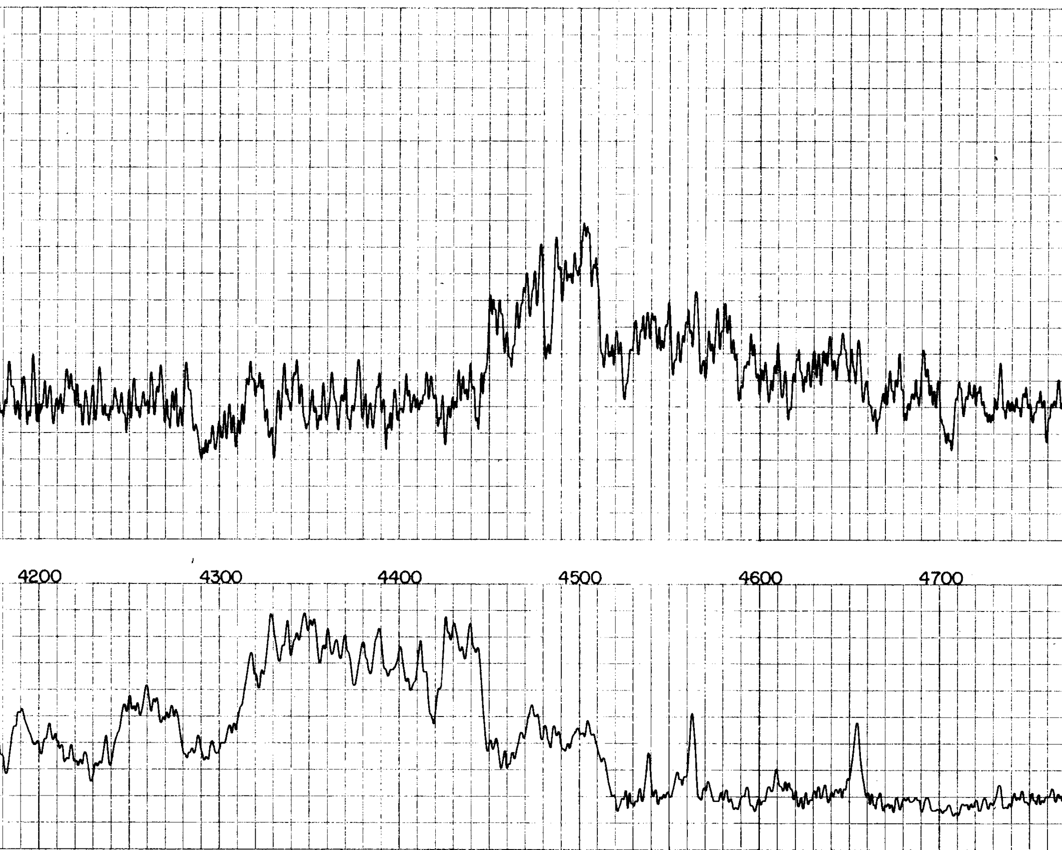
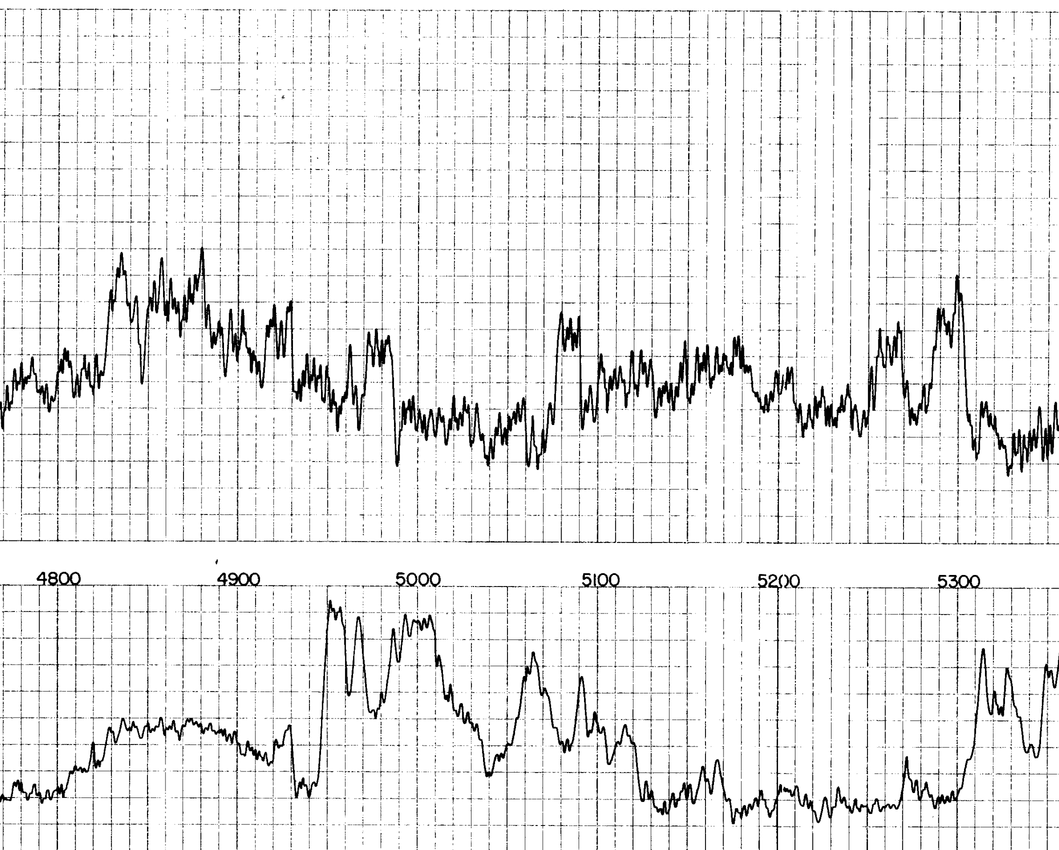
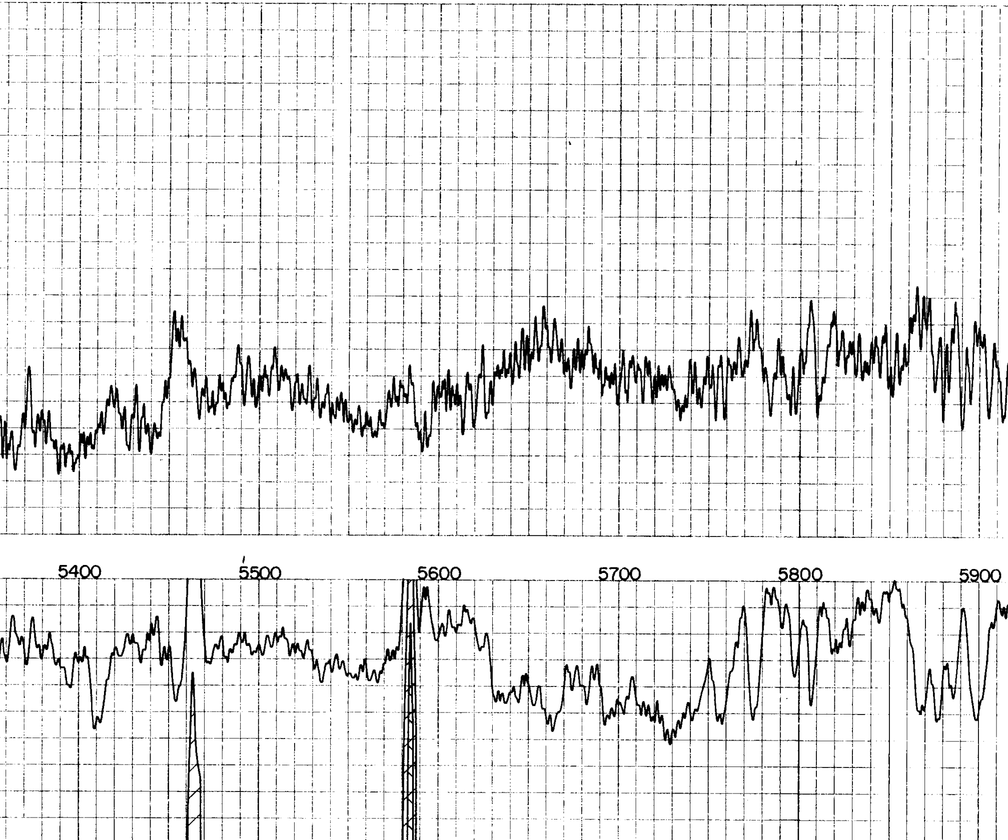
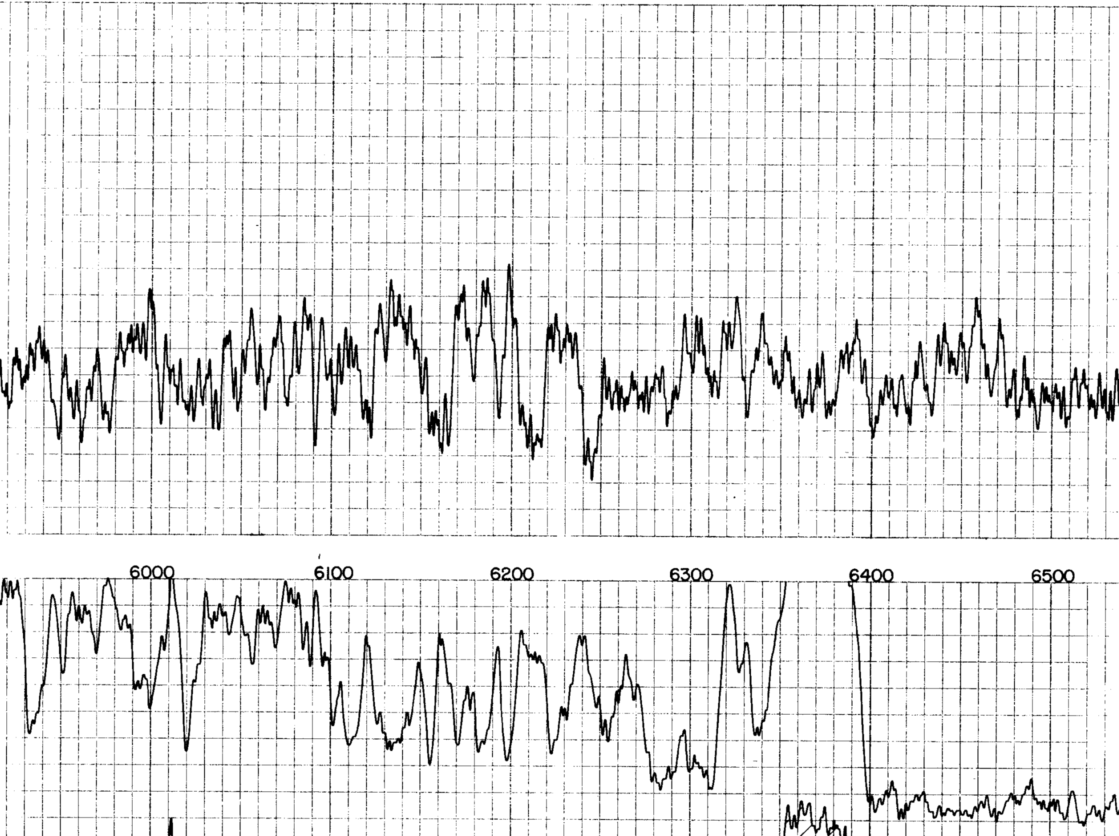
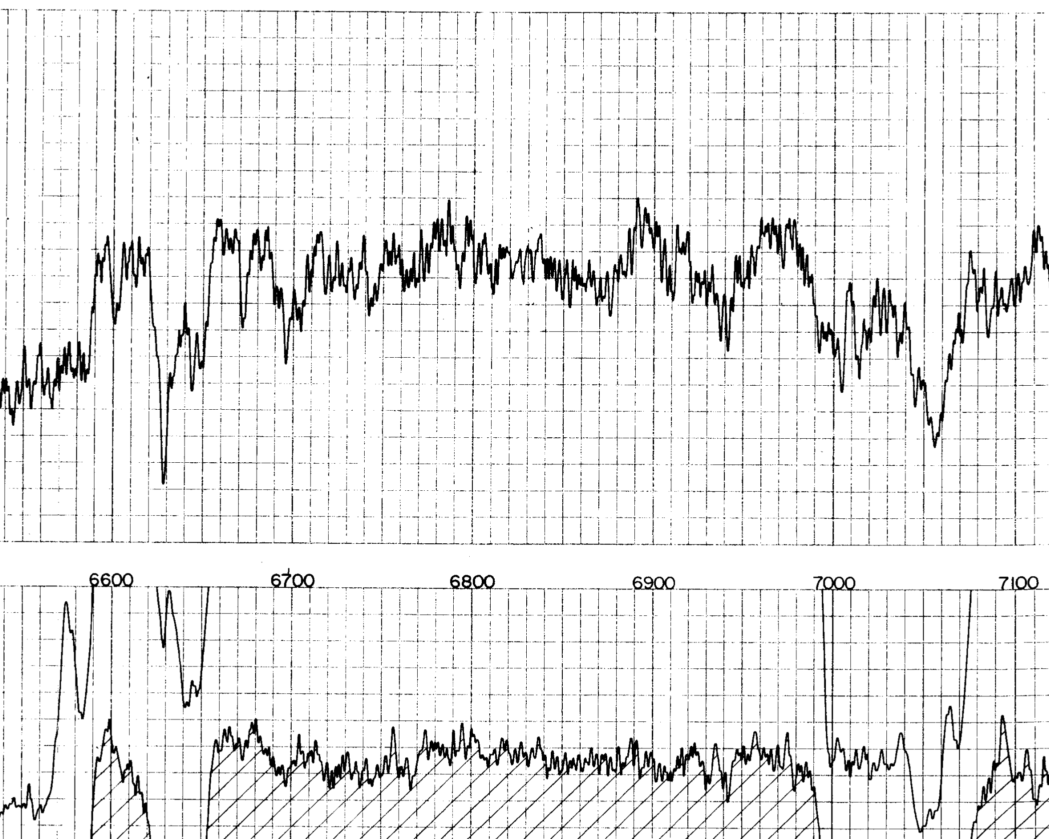
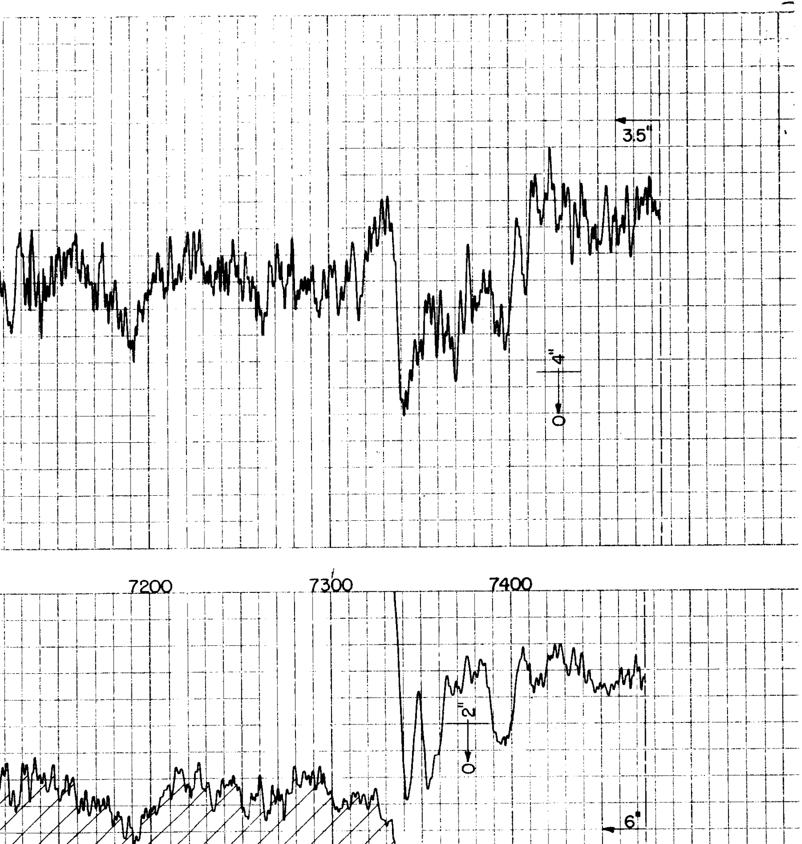
GAMMA RAY

→ RADIATION INTENSITY INCREASES

CASING & COLLAR LOG
DEPTH

NEUTRON

MULTI-SPACED →

RADIATION INTENSITY INCREASES