600570

Permit #20552

ENERGY RESOURCES, INC.

RELEASED

COMPANY: HOEBACHER PRODUCTION COMPANY

WELL: NO. 4

FIELD: CENTRAL MOX - PERMIAN

COUNTY: VERNON - KERMIT

LOCATION: 165.00 FNL, 2575.57 FEL

SEC. 30 TWP. 37S RGE. 33W

OTHER SERVICES

PERMANENT DATUM: G.L. ELEV. 0.0

LOG MEASURED FROM: 0.0 FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM: G.L.

ELEV.: K.B. D.F. G.L. 3210.0

DATE	9-2-80	9-2-80
RUN NO.	1 RW	1 RW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH-DRILLER		
DEPTH-LOGGER	183.1	183.1
BOTTOM LOGGED INTERVAL	175.5	183.1
TOP LOGGED INTERVAL	0.0	0.0
TYPE FLUID IN HOLE	WATER	WATER
SALINITY, PPM Cl		
DENSITY		
LEVEL	FULL	FULL
MAX. REC. TEMP. DEG. F		
OPERATING RIG TIME		
RECORDED BY	G. PRATT	G. PRATT
WITNESSED BY		

RUN NO.	BIT	BOREHOLE RECORD FROM	TO	SIZE	CASING RECORD WGHT.	FROM	TO

CONFIDENTIAL

To 1-5-82 IRS

RECEIVED

JAN 05 1981

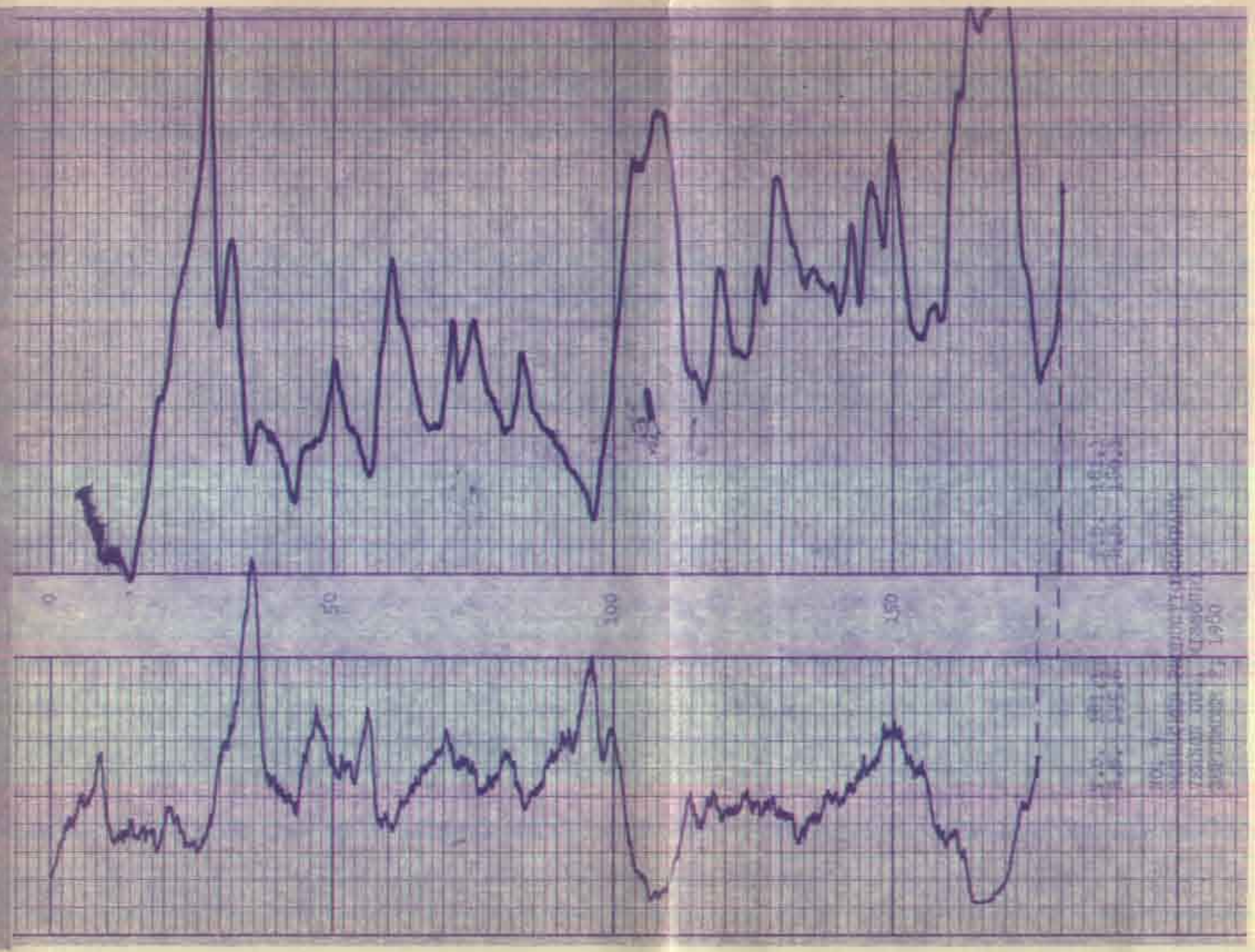
MO. OIL & GAS COUNCIL

EQUIPMENT DATA

	GAMMA RAY	NEUTRON
RUN NO.	1 RW	1 RW
TOOL MODEL NO.	3-D	NEUTRON
TOOL TYPE	2-11/16 C	2DC
DIAMETER	1-5/8	1-5/8
DETECTOR MODEL NO.	GEIGER	2-11/16
DIAMETER	1 3/8 IN	1-5/8
TYPE		GM
LENGTH	4.5	4.5
DISTANCE TO N. SOURCE		21-1-13.5
SOURCE MODEL NO.		13N
SERIAL NO.		4.0DE-11
PROBE MODEL NO.	1020	3-11
PROBE SERIAL NO.	5020	
TOOL STRING NO.	0001	

LOGGING DATA

	GAMMA RAY	NEUTRON
GENERAL: DEPTH FROM	0	
TO	3.04	
SPEED FT. PER MIN.	80	
TC SEC.	4.0	4.0
SENS. SETTINGS	200/20C	500/20
ZERO DIV. LOG #	5.5	5.5
SENS. SETTINGS		500/20
ZERO DIV. LOG #		5.5
AIR G.R. UNITS PER DIV. DIV.	10	
AIR N. UNITS PER DIV. DIV.		20

REMARKS: OPEN HOLE - NO CASING

TRACTOR DOWNHOLE SET - LAYNE-NORTON COMPANY