600513

ENERGY RESOURCES, INC.

Paola, Kansas 66071
P.O. Box 467
913 294 5050

Lawrence, Kansas 66044
3301 Iowa
913 843-6611

DEC / 0 1980

RELEASED

MO. OIL & GAS COUNCIL

FILING NO

COMPANY	GANGER ENERGY INC.
WELL	NE - 33
FIELD	KENNEDY LEASE
COUNTY	VERNON - MISSOURI
LOCATION	437.0 FWL 2619.0 FSL
SEC 28	TWP 35N RGE 33W

OTHER SERVICES

PERMANENT DATUM	G.L.	ELEV	821.2
LOG MEASURED FROM	G.L.	FT ABOVE PERM DATUM	
DRILLING MEASURED FROM	G.L.		

ELEV K.B.	N.A.
D.F.	N.A.
G.L.	821.2

	GAMMA RAY	NEUTRON
DATE	12-3-80	12-3-80
RUN NO	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER		
DEPTH—LOGGER	190.3	190.3
BOTTOM LOGGED INTERVAL	184.8	189.3
TOP LOGGED INTERVAL	0.0	4.5
TYPE FLUID IN HOLE	WATER	WATER
SALINITY PPM CL		
DENSITY		
LEVEL	17.0	17.0
MAX. REC. TEMP. DEG F		
OPERATING RIG TIME		
RECORDED BY	MORGAN	MORGAN
WITNESSED BY		

RUN NO	BORE HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT	FROM	TO
				OPEN	HOLE	0	190.3

EQUIPMENT DATA

	GAMMA RAY	NEUTRON
RUN NO	1 NW	1
TOOL MODEL NO	705	NEU/NSD
DIAMETER	1 11/16"	705 1 11/16"
DETECTOR MODEL NO	705-GB GEIGER	705 13-2
TYPE		HE
LENGTH	1 3/8" X 3"	1" X 5"
DISTANCE TO N. SOURCE	4.5	1.4-335 G
SOURCE MODEL NO		1.4-1
SERIAL NO		1.4-2
SPACING		AMSCO-2
TYPE		1 CC
STRENGTH		

GENERAL

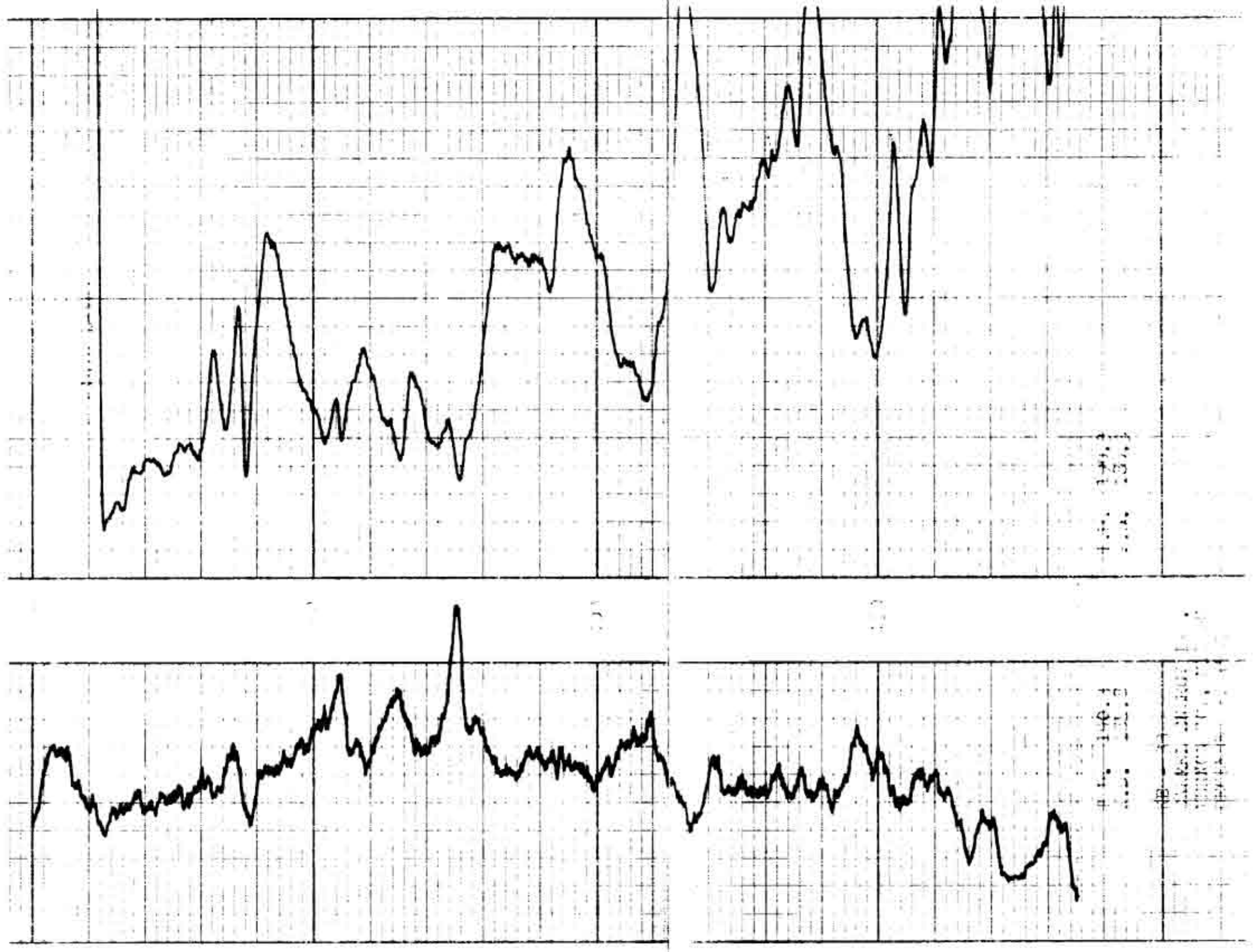
HOIST TRUCK NO	0010
INSTRUMENT TRUCK NO	0020
TOOL SERIAL NO	0002

LOGGING DATA

GAMMA RAY RUN NO	DEPTHS FROM	TO	SPEED FT/MIN	T.C. SEC	SENS SETTINGS	ZERO DIV. OR %	API G.R. UNITS PER LOG DIV	T.C. SEC	SENS SETTINGS	NEUTRON ZERO DIV. OR %	API N UNITS PER LOG DIV
1	0	T.D.	20	4.0	100/075	0 R	10	4.0	50/100	5 L	20

REFERENCE (TRAY NO) OPEN HOLE - NOT CEMENTED

REMARKS DRILLED 8 3/4" HOLE TO 190.3' LAYNE-NORTHERN DRILLING COMPANY

GAMMA RAY DEPTH NEUTRON

CASING