G00157 OGC # 20222

ENERGY RESOURCES, INC.

Paola, Kansas 66071
P.O. Box 467
913-294-5050
Lawrence, Kansas 66044
1203 Iowa
913 841-8886

FILING NO

COMPANY ~~FELL, BRECKLEIN AND TOWN~~ Town Oil Co.

WELL NO. 78

FIELD LONGVIEW

COUNTY JACKSON COUNTY, MO. OIL & GAS COUNTY

RECEIVED JUL 27 1981 MO. OIL & GAS COUNTY RELEASED

LOCATION: 1050' FNL + 2650' FEL

SEC 16 TWP 47N RGE 32W

OTHER SERVICES: CCL

PERMANENT DATUM G.L. ELEV NA

LOG MEASURED FROM G.L. FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM G.L.

ELEV. K.B. NA
D.F. NA
G.L. NA

DATE	1-30-81	1-30-81
RUN NO	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH - DRILLER	280.0	280.0
DEPTH - LOGGER	276.8	276.8
BOTTOM LOGGED INTERVAL	271.3	275.8
TOP LOGGED INTERVAL	0.0	4.5
TYPE FLUID IN HOLE	WATER	WATER
SALINITY, PPM CL		
DENSITY		
LEVEL	FULL	FULL
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
	6¼"	0.0	21.40	2"		0.0	277.0
		21.40	280.0				

THIS HEADING AND LOG CONFORMS TO API RP 33

FOLD HERE

EQUIPMENT DATA

	GAMMA RAY	NEUTRON
RUN NO	1 NW	1 NW
TOOL MODEL NO	705	NEU/NEU
DIAMETER	1 11/16"	705
DETECTOR MODEL NO	705-GE	1 11/16"
TYPE	GEIGER	705 HE-3
LENGTH	1 3/8" x 18"	HE
DISTANCE TO N. SOURCE	4.5	1" x 6"
SOURCE MODEL NO		71-1
SERIAL NO		71-1-335 G
SPACING		13"
TYPE		AMBE-241
STRENGTH		3 CI

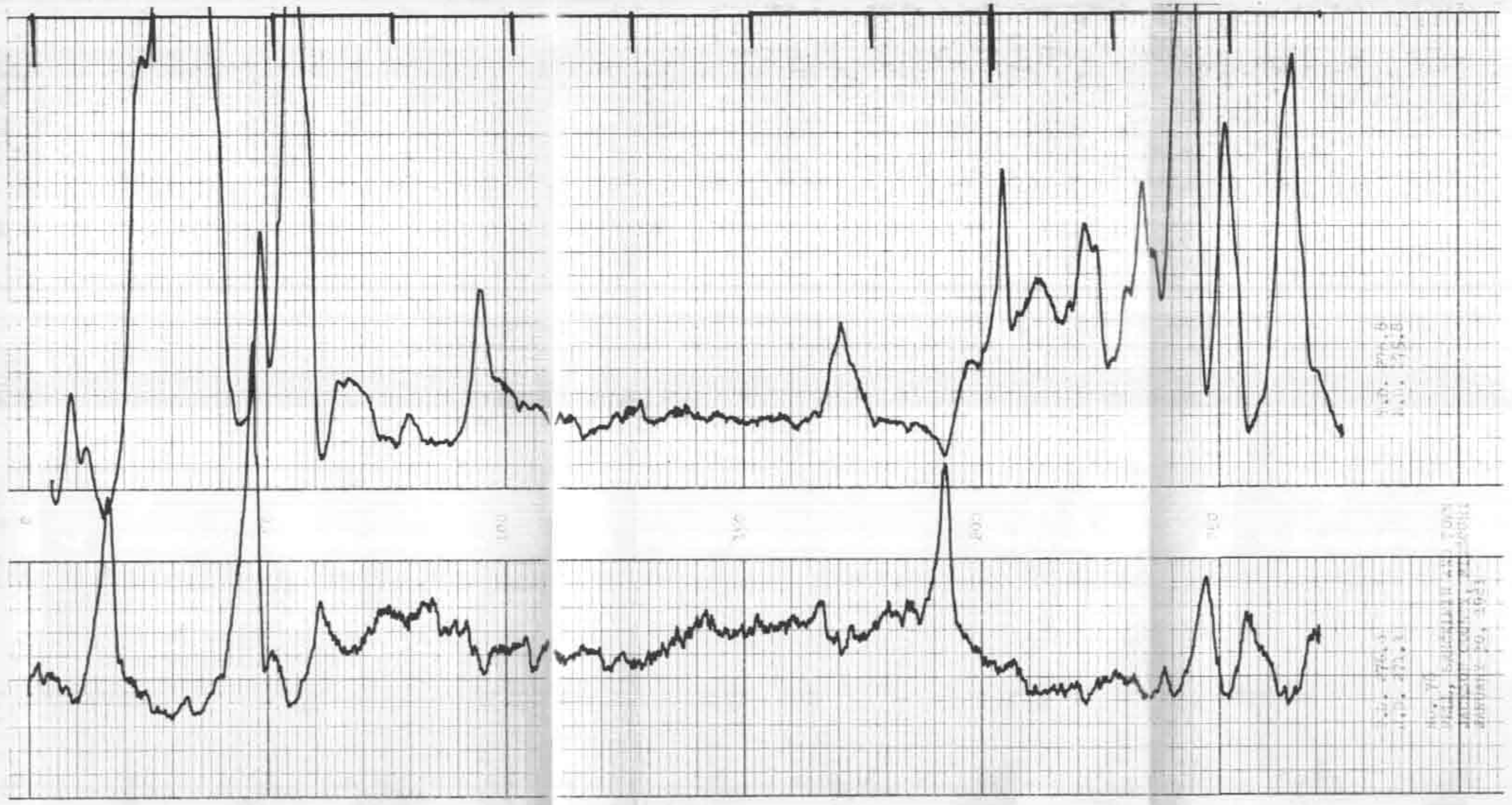
	GENERAL	
HOIST TRUCK NO	0020	
INSTRUMENT TRUCK NO	0020	
TOOL SERIAL NO	0002	

LOGGING DATA

RUN NO	DEPTHS FROM	DEPTHS TO	SPEED FT/MIN	T.C. SEC	SENS. SETTINGS	ZERO DIV.	API G.R. UNITS PER LOG DIV	T.C. SEC	SENS. SETTINGS	ZERO DIV.	API N. UNITS PER LOG DIV
1	0	T.D.	20	4.0	100/075	1 R	10	4.0	500/100	4 L	20

REFERENCE LITERATURE 2" - CEMENTED

REMARKS DRILLING CONTRACTOR: TOWN OIL COMPANY

GAMMA RAY DEPTH NEUTRON

CASING COLLARS