GOOD

Permit # 20148

ENERGY RESOURCES, INC.

Phone (316) 663-5551
Greenwich Building, Suite 400
Wichita, Kansas 67202
Telephone 316-263-5785

COMPANY: ROCKER INVESTMENT COMPANY

WELL: NO. 53K

FIELD: INGODER LEASE

COUNTY: LEAVENWORTH STATE: KANSAS

LOCATION: 1980' FSL 1980' FEL 33 TWP 4 S RGE 19 W

[redacted]

COMB SERVICES

PERMANENT DATUM: GL	ELEV.		
LOG MEASURED FROM: GL	4 FT. ABOVE PERM. DATUM		
DRILLING MEASURED FROM: GL	ELEV.: K.B. 0		
DATE	11-14-90		
RUN NO.	ONE		
TYPE LOG	GAMMA RAY		
DEPTH-DRILLER	637.0		
DEPTH-LOGGER	636.9		
BTM. LOG INTERVAL	636.9		
TOP LOG INTERVAL	SURFACE		
CASING - TYPE	8 5/8"		
CASING - WGT.	23#		
CASING - DEPTH	21.5'		
TYPE FLUID IN HOLE	AIR		
DENSITY			
VISCOSITY			
PH			
FLUID LOSS			
SOURCE OF SAMPLE			
RM @ MEAS. TEMP.			
RMF @ MEAS. TEMP.			
RMC @ MEAS. TEMP.			
SOURCE: RMF	RMC		
RM @ BHT			
TIME CIRC. (HRS)			
MAX. REC. TEMP.			
EQUIP. LOCATION			
RECORDED BY	B. FRANZ		
WITNESSED BY			

RUN NO.	BIT NO.	FROM	TO	HOLE SIZE	CASING SIZE	WGT.	FROM	TO

DATE	TIME	DESCRIPTION
NOV 11 1990		
NOV 14 1990		

POSI-HERE

THIS HEADING AND LOG CONFORMS TO API RP 33

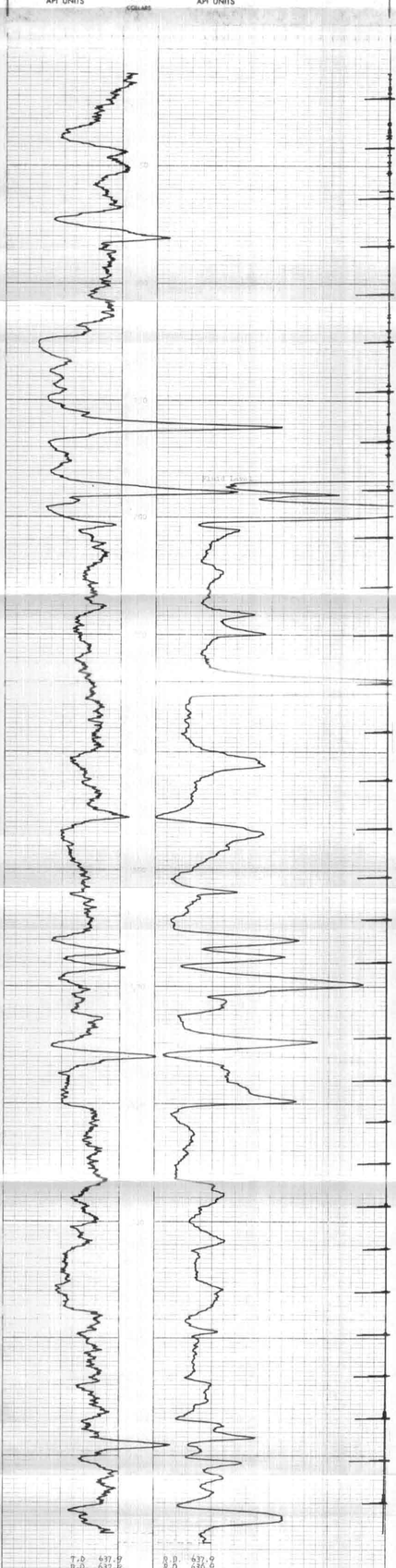
EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	ONE	RUN NO.	ONE
TOOL MODEL NO.	70C	TOOL MODEL NO.	70C
DIAMETER	1 13/16"	DIAMETER	1 13/16"
DETECTOR MODEL NO.	70C-RG	DETECTOR MODEL NO.	70C-NP-5
TYPE	NaI(Tl)	TYPE	HP
LENGTH	1 3/8" x 1"H	LENGTH	1" x 6"
DISTANCE TO N. SOURCE	1.5	SOURCE MODEL NO.	71-2
GENERAL		SERIAL NO.	71-1-335 B
MONITOR TRUCK NO.	7030	SPACING	1.5"
INSTRUMENT TRUCK NO.	0310	TYPE	AmBe-241
TOOL SERIAL NO.	0002	STRENGTH	3 Ci

LOGGING DATA

GENERAL					GAMMA RAY			NEUTRON			
RUN NO.	DEPTH FROM	DEPTH TO	SPEED FT./MIN.	T.C. SEC.	SENS. SETTINGS	ZERO DIV. L OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS. SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0	636.	20	1.0	130/100	2.8	10	4.0	30/100	6.6	10

REFERENCE LITERATURE: 1" = 30' COMPUTER

REMARKS: DRILLING CONTRACTOR: MOGANS DRILLING COMPANY

GAMMA RAY API UNITS | DEPTH AND CASING COLLARS | NEUTRON API UNITS