GC0911

Permit #20210

ENERGY RESOURCES, INC.

Formerly Tucker Oil Company
Formerly Kansas Natural Gas Company
Formerly Kansas Power and Light Company
P.O. Box 1332
Independence, Kansas 67301
(316) 331-8000

Form No.

COMPANY: ~~Tucker Oil Company~~ ENERGY RESOURCES
WELL: A1-12
FIELD: ASTES
COUNTY: CASS, MISSOURI
STATE: MO. OIL & GAS COUNCIL

RECEIVED
APR 12 1982

LOCATION: 1365' FSL & 110' FEE
Elev.: Perm. KB 35 Elev.: Log Measured From KB
Date: 9-28-81 Run No.: 1 Depth Driller: 601 Depth Logger: 600 Depth Scale Set: 0-100 Type Fluid in Hole: WATER

TOOLS USED: CCL

Bit:	S.A.	
Csg. Size:	N/A	
Csg. Depth:	N/A	

Max. Rec. Temp.		
Equipment Location		
Recorded By		
Witnessed By		

RUN NO.	BIT SIZE	CASING SIZE	WGT.	TOP	BOTTOM
1	6"	4 1/2"	9.5	0.0	T.D.

BOREHOLE RECORD

RUN NO.	BIT SIZE	FROM	TO

FOLD HERE

THIS HEADING AND LOG CONFORMS TO API RP 33

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	1 NM	RUN NO.	1 NM
TOOL MODEL NO.	705	LOG TYPE	NEU/NEU
DIAMETER	1 11/16"	TOOL MODEL NO.	705
DETECTOR MODEL NO.	705-GR	DIAMETER	1 11/16"
TYPE	GEIGER	DETECTOR MODEL NO.	705 HE-3
LENGTH	1 3/8x18"	TYPE	HE
DISTANCE TO H. SOURCE	4.5	LENGTH	1" x 6"
		SOURCE MODEL NO.	71-1
		SERIAL NO.	71-1-335G
		SPACING	13"
		TYPE	AMBE-241
		STRENGTH	3 CI

GENERAL

NOISE TRUCK NO.	0036
INSTRUMENT TRUCK NO.	0036
TOOL SERIAL NO.	0002

LOGGING DATA

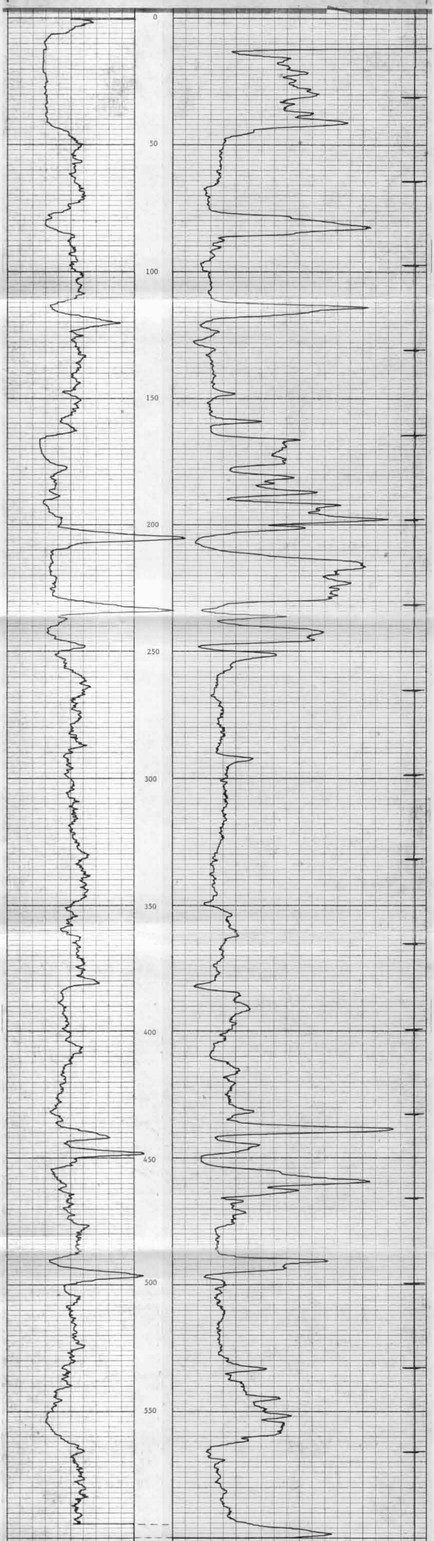
GENERAL					GAMMA RAY				NEUTRON		
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED FT/MIN	T.C. SEC	SENS SETTINGS	ZERO DIV. L OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC	SENS. SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0.0	T.D.	20	4.0	95/100	2-R	10	4.0	100/500	3-L	20

REFERENCE LITERATURE: 2" - CEMENTED

REMARKS: DRILLING CONTRACTOR: W & W DRILLING

GAMMA RAY DEPTH NEUTRON

CASING COLLARS



T.D. 601.0
R.D. 598.5

T.D. 601.0
R.D. 600.0

ENERGY ENERGY
ASTES A-20
CASS COUNTY, MISSOURI
SEPTEMBER 28, 1981