601462

Permit #20023

ENERGY RESOURCES, INC.

Pecha, Kansas 66071
410 N. Street
913 294 5250

Lawrence, Kansas 66044
1203 Inlet
913 841 8836

FIELD NO.

COMPANY: TOSCO PROD. FINANCE CORP. c/o CARMEL ENERGY

WELL: SEARS CH-8H

FIELD: SEARS

COUNTY: BATES, MISSOURI

LOCATION: SE-NE 1401 FNL & 1311 FEL

24-013-20032

SEC. 9 TWP. 38N RGE. 33W

OTHER SERVICES: 2-CL

PERMANENT DATUM: GL ELEV. N/A 898 ELEV. K.B. N/A

LOG MEASURED FROM: GL FT. ABOVE PERM. DATUM D.F. N/A

DRILLING MEASURED FROM: GL G.L. N/A

DATE	11-4-81	11-4-81	
RUN NO.	1 NW	1 NW	
TYPE LOG	GAMMA RAY	NEUTRON	
DEPTH—DRILLER	436.8	436.8	
DEPTH—LOGGED	435.3	435.8	
BOTTOM LOGGED INTERVAL	0.0	0.0	
TOP LOGGED INTERVAL	WATER	WATER	
TYPE FLUID IN HOLE			
SALINITY PPM CL			
DENSITY	114.0	114.0	
LEVEL			
MAX. REC. TEMP., DEG. F.			
OPERATING RIG TIME			
RECORDED BY	NEWMAN	NEWMAN	
WITNESSED BY			

RECEIVED
NOV 09 1981
MO. OIL & GAS COUNCIL

RELEASED

BOREHOLE RECORD				CASING RECORD			
RUN NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
1				OPEN HOLE		0.0	T.D.

FOLD HERE

THIS HEADING AND LOG CONFORMS TO API 33

EQUIPMENT DATA

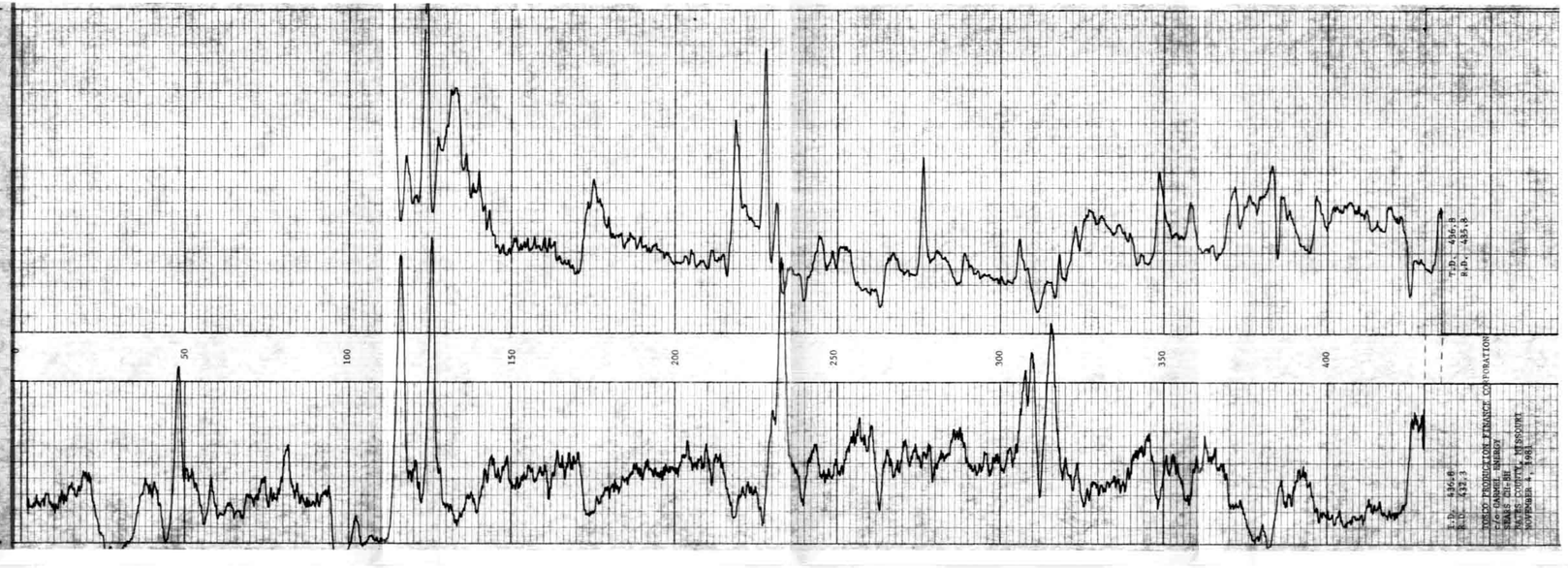
GAMMA RAY		NEUTRON	
RUN NO.	1 NW	RUN NO.	1 NW
TOOL MODEL NO.	705	LOG TYPE	NEU/GRU
DETECTOR MODEL NO.	7-1/16"	TOOL MODEL NO.	705 1/16"
DETECTOR MODEL NO.	705-GR	DETECTOR MODEL NO.	705 HE-3
TYPE	GEIGER	TYPE	HE
LENGTH	1 3/8x18"	LENGTH	1" x 6"
DISTANCE TO SL SOURCE	4.5	SOURCE MODEL NO.	7-1-335G
OTHER		SOURCE STRENGTH	13"
		SPACING	AMBE-241
		TYPE	3 CL
		STRENGTH	
HOIST TRUCK NO.	0036		
INSTRUMENT TRUCK NO.	0036		
TOOL SERIAL NO.	0002		

LOGGING DATA

GENERAL				GAMMA RAY					NEUTRON		
RUN NO.	OPERATED FROM	TO	OPER. TIME, HRS.	T.C. SEC.	AMPL. SETTINGS	AVG. C.R. DIV.	AVG. C.R. PER LOG DIV.	T.C. SEC.	AMPL. SETTINGS	AVG. C.R. DIV.	AVG. C.R. PER LOG DIV.
1	0.0	436.8	20	4.0	95/100	2-L	10	4.0	500/100	3-R	20

REFERENCE LITERATURE: OPEN HOLE - NOT CEMENTED

REMARKS: DRILLING CONTRACTOR: TOST DRILLING

GAMMA RAY NEUTRON

CASING COLLARS