ENERGY RESOURCES, INC.

Fairfax Kansas City
410 N. Silver
913 294 5994

Lawrence Kansas City
103 Inverness
913 841 2686

FILING NO.

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

WELL CH-5S

FIELD Eastburn

COUNTY VERNON, MISSOURI

RECEIVED OCT 26 1981

MO. OIL & GAS COUNCIL

LOCATION: SW-SE 139' FSL & 2584' FEL

SEC 4 TWP 34N RGE 31W

OTHER SERVICES

PERMANENT DATUM GL ELEV N/A

LOG MEASURED FROM GL 911 FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM GL

ELEV K.B. N/A D.F. N/A G.L. N/A 911

24-213-21106

RELEASED

DATE	10-15-81	10-15-81
RUN NO	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER	98.0	98.0
DEPTH—LOGGER	97.0	97.0
BOTTOM LOGGED INTERVAL	92.5	96.0
TOP LOGGED INTERVAL	0.0	0.0
TYPE FLUID IN HOLE	WATER	WATER
SALINITY, PPM CL		
DENSITY		
LEVEL	FULL	FULL
MAX. REC. TEMP., DEG F		
OPERATING RIG TIME		
RECORDED BY	NEWMAN	NEWMAN
WITNESSED BY		

BORE-HOLE RECORD

RUN NO	BIT	FROM	TO
1			

CASING RECORD

SIZE	WGT.	FROM	TO
OPEN HOLE		0.0	98.0

FOLD HERE

EQUIPMENT DATA

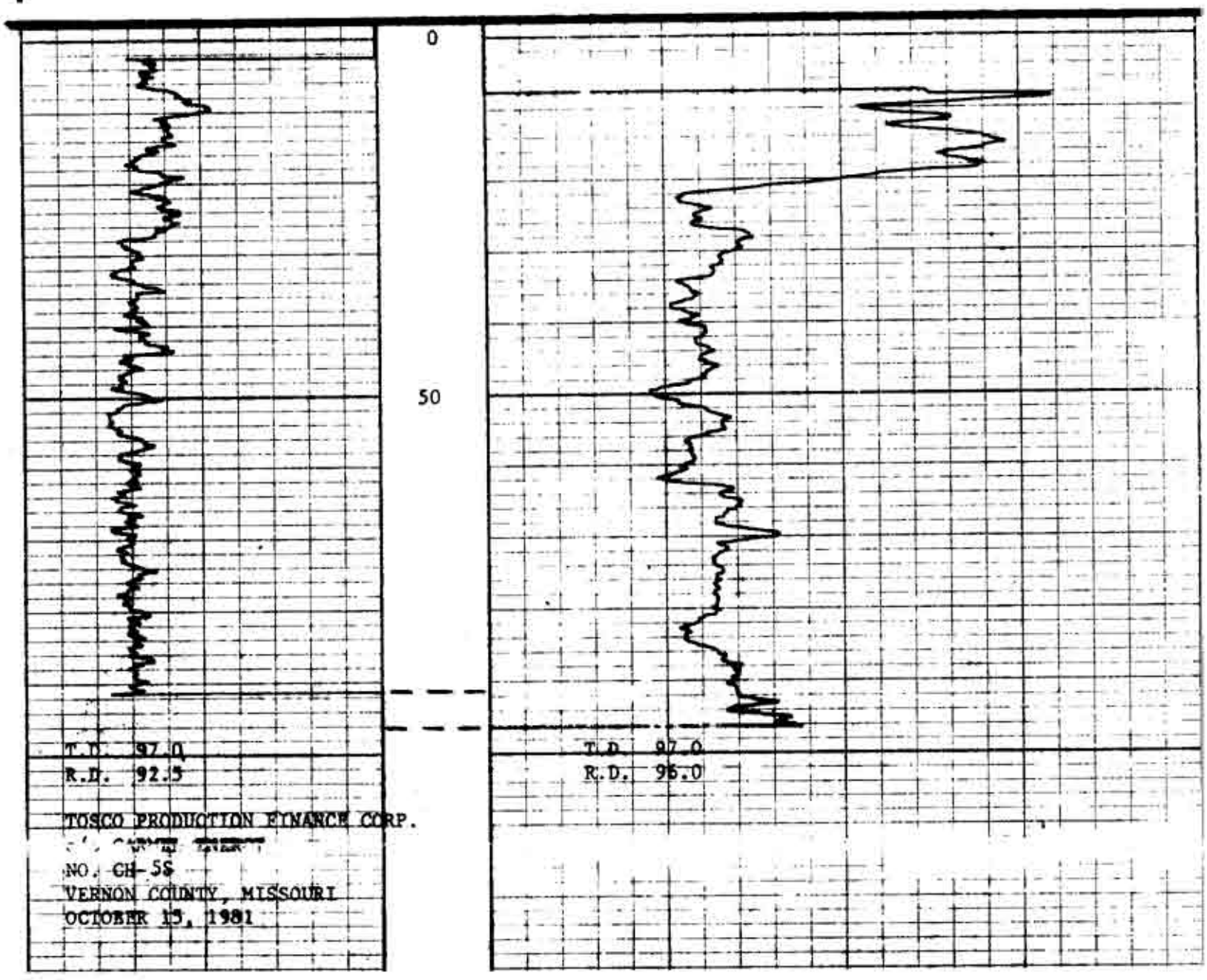
GAMMA RAY			NEUTRON		
RUN NO.	1 NW		RUN NO.	1 NW	
TOOL MODEL NO.	705		LOG TYPE	NEU/NEU	
DIAMETER	1 11/16"		TOOL MODEL NO.	705	
DETECTOR MODEL NO.	705-GE		DIAMETER	1 11/16"	
TYPE	GEIGER		DETECTOR MODEL NO.	705 HE-3	
LENGTH	1 3/8x18"		TYPE	HE	
DISTANCE TO N. SOURCE	4.5		LENGTH	1" x 6"	
			SOURCE MODEL NO.	71-1	
GENERAL			SERIAL NO.	71-1-335G	
HOIST TRUCK NO.	0036		SPACING	13"	
INSTRUMENT TRUCK NO.	0036		TYPE	AMBE-241	
TOOL SERIAL NO.	0002		STRENGTH	3 CI	

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	98.0	20	4.0	95/100	2-R	10	4.0	100/500	3-L	20

REFERENCE LITERATURE: OPEN HOLE - NOT CEMENTED

REMARKS

GAMMA RAY DEPTH NEUTRON

CASING COLLARS