GC1460

Permits # 20025

ENERGY RESOURCES, INC.

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FILING NO.

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

WELL CH-9H

FIELD HESS

COUNTY BATES, MISSOURI

MO OIL & GAS COUNCIL

LOCATION NW-SW 2395 FSL & 2011 FWL 24-013-20025

SEC. 4 TWP 38N RGE 33W

RECEIVED

NOV 16 1981

RELEASED

PERMANENT DATUM GL ELEV. N/A

LOG MEASURED FROM GL FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM GL

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

DATE	11-11-81	11-11-81
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH-DRILLER		
DEPTH-LOGGER	447.3	447.3
BOTTOM LOGGED INTERVAL	442.8	446.3
TOP LOGGED INTERVAL	0.0	0.0
TYPE FLUID IN HOLE	WATER	WATER
SALINITY PPM CL		
DENSITY		
LEVEL	99.0	99.0
MAX. REC. TEMP. DEG F		
OPERATING RIG TIME		
RECORDED BY	NEWMAN	NEWMAN
WITNESSED BY		

BOREHOLE RECORD

RUN NO.	BIT	FROM	TO
1			

CASING RECORD

SIZE	WGT.	FROM	TO
OPEN HOLE		0.0	T.D.

FOLD HERE

THIS READING AND LOG CONFORMS TO API RP 33

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

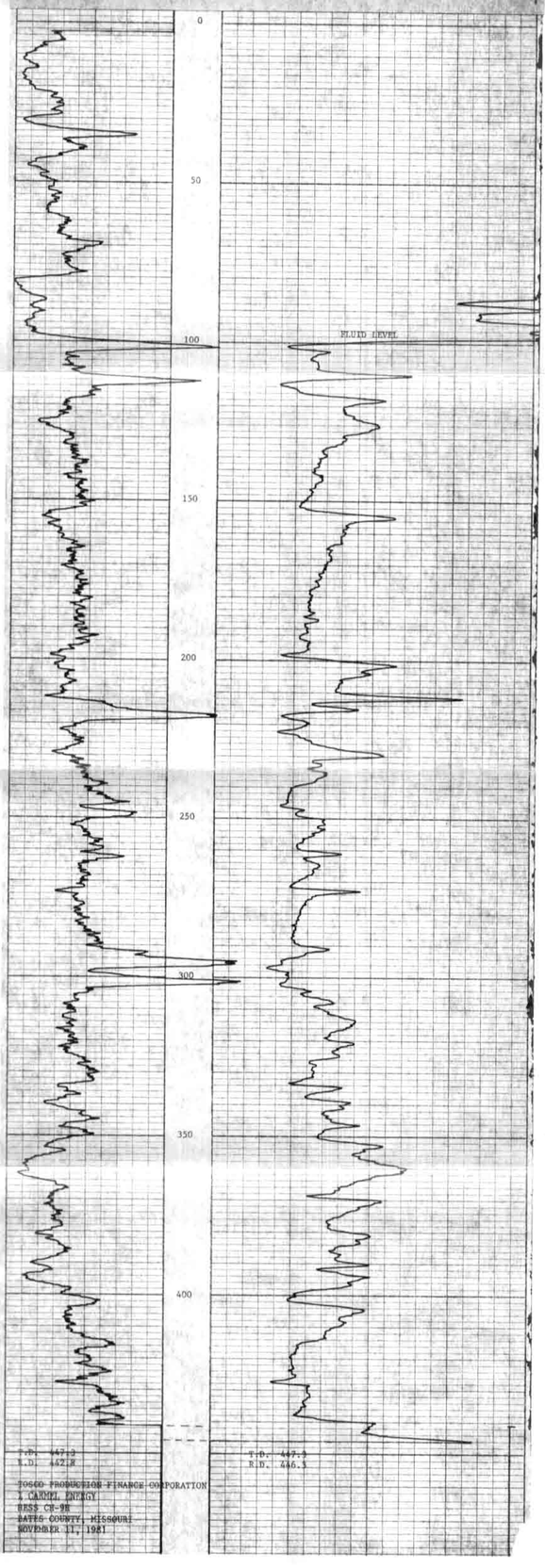
GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED FT/MIN	T.C. SEC.	SENS. SETTINGS	ZERO DIV. L OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS. SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0.0	T.D.	20	4.0	95/100	2-L	10	4.0	100/500	3-R	20

REFERENCE LITERATURE: OPEN HOLE - NOT CEMENTED

REMARKS: DRILLING CONTRACTOR: TEST DRILLING

GAMMA RAY DEPTH NEUTRON

CASING COLLARS



TOSCO PRODUCTION FINANCE CORPORATION
% CARMEL ENERGY
HESS CH-9H
BATES COUNTY, MISSOURI
NOVEMBER 11, 1981