ENERGY RESOURCES INC.

RUN NO

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

WELL CH-18D

FIELD PETRO LEWIS

COUNTY BARTON, MISSOURI

MO. OIL & GAS COUNCIL

OCT 26 1991

24-011
21102

LOCATION 47.11' FSL & 255.68' FEL SE-SE

SEC 13 TWP 34N RGE 30W

RELEASED

PERMANENT DATUM GL ELEV. N/A 931

LOG MEASURED FROM GL FT ABOVE PERM DATUM

DRILLING MEASURED FROM GL

OTHER SERVICES

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

DATE	10-21-81	10-21-81
RUN NO	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH DRILLER		
DEPTH LOGGER	79.0	79.0
BOTTOM LOGGED INTERVAL	74.5	78.0
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			OPEN HOLE

CASING RECORD

SIZE	WGT.	FROM	TO
		0.0	79.0

BOLD HERE

THIS HEAD NO AND FOR CONFORMS TO API RP 33

EQUIPMENT DATA

GAMMA RAY		
RUN NO	1 NW	
TOOL MODEL NO.	705	
DIAMETER	1 11/16"	
DETECTOR MODEL NO.	705-GE	
TYPE	GEIGER	
LENGTH	1 3/8x18"	
DISTANCE TO N. SOURCE	4.5	

GENERAL		
HOIST TRUCK NO.	0036	
INSTRUMENT TRUCK NO.	0036	
TOOL SERIAL NO.	0002	

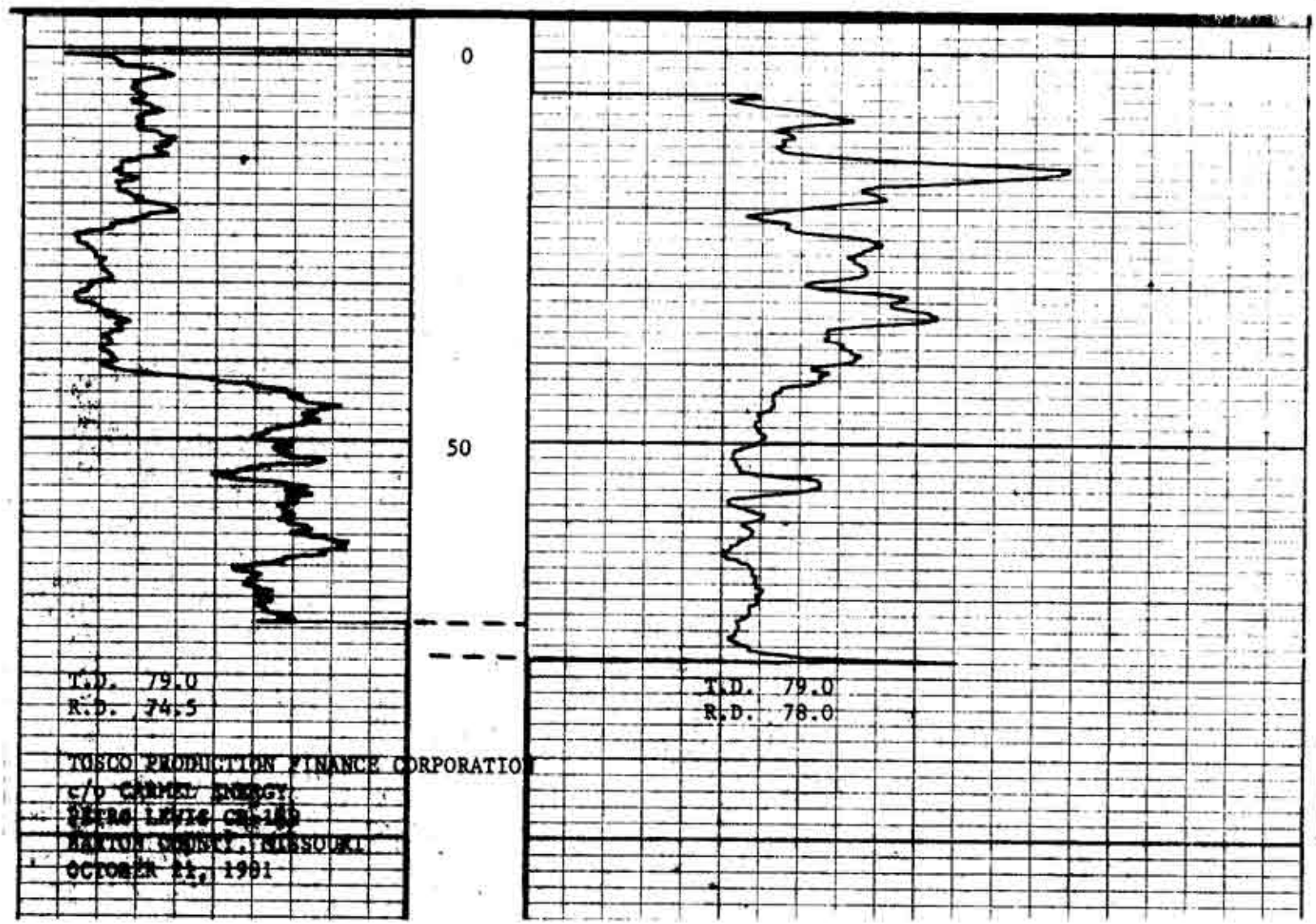
NEUTRON		
RUN NO.	1 NW	
LOG TYPE	NEU/NEU	
TOOL MODEL NO.	705	
DIAMETER	1 11/16"	
DETECTOR MODEL NO.	705 HE-3	
TYPE	HE	
LENGTH	1" x 6"	
SOURCE MODEL NO.	71-1	
SERIAL NO.	71-1-335G	
SPACING	13"	
TYPE	AMBE-241	
STRENGTH	3 CI	

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	79.0	20	4.0	95/100	2-R	10	4.0	100/500	3-L	20

REFERENCE LITERATURE: OPEN HOLE - NOT CEMENTED

REMARKS DRILLING CONTRACTOR: TEST DRILLING

GAMMA RAY DEPTH NEUTRON

CASING COLLARS