601465 20024

ENERGY RESOURCES, INC.

Paola, Kansas 66071
410 N. Silver
913-294-5050

Lawrence, Kansas 66044
1209 Rowe
913-841-6686

FILING NO.

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

WELL: CH-10H

FIELD: BESHORE

COUNTY: BATES, MISSOURI

20024

LOCATION: 1511' FSL & 35' FEL SE-SE

SEC. 3 TWP. 38N RGE. 33W

OTHER SERVICES: DIL

PERMANENT DATUM: GL ELEV. N/A
LOG MEASURED FROM: GL FT. ABOVE PERM. DATUM ELEV. K.B. N/A
DRILLING MEASURED FROM: GL D.F. N/A
G.L. N/A

DATE	11-4-81	11-4-81
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER		
DEPTH—LOGGER	447.0	447.0
BOTTOM LOGGED INTERVAL	442.5	446.0
TOP LOGGED INTERVAL	0.0	0.0
TYPE FLUID IN HOLE	WATER	WATER
SALINITY, PPM CL		
DENSITY		
LEVEL	94.0	94.0
MAX. REC. TEMP. DEG F.		
OPERATING RIG TIME		
RECORDED BY	NEWMAN	NEWMAN
WITNESSED BY		

RECEIVED
NOV 09 1981
OIL & GAS COUNCIL
Confidential

RELEASED

BORE-HOLE RECORD				CASING RECORD			
NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
1				OPEN HOLE		0.0	T.D.

COLD WEATHER

THIS HEADING AND TOC CONTINUES TO SH #2

EQUIPMENT DATA

	GAMMA RAY	NEUTRON
RUN NO.	1 NW	1 NW
TOOL MODEL NO.	705	NHU/NEU
DIAMETER	1 11/16"	705
DETECTOR MODEL NO.	705-GR	1 11/16"
DIAMETER	1 11/16"	705 HE-3
LENGTH	6' 7.868"	1"
DISTANCE TO N. SOURCE	4.5	1" x 6"
SOURCE MODEL NO.		71-1
SERIAL NO.		71-1-3356
SPACING		13"
TYPE		NHW-241
STRENGTH		3 Ci

OTHERS: 0036, 0038, 0002

MOTOR TRUCK NO.
DRIVER NO. & NO.
TOOL SERIAL NO.

LOGGING DATA

GENERAL					GAMMA RAY					NEUTRON			
RUN NO.	DATE	LOGGING FROM	TO	SPEED FT/MIN	T.C. SEC.	SENS. LEVEL	ZERO DIV. C.W.R.	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS. LEVEL	ZERO DIV. C.W.R.	API N. UNITS PER LOG DIV.
1		0.0	447.0	20	4.0	95/100	2.2	10	4.0	500/100	3.2	20

REFERENCE LITHOLOGY: OPEN HOLE — NOT CEMENTED

REMARKS: DRILLING CONTRACTOR: TEST DRILLING

COLD WEATHER

GAMMA RAY DEPTH NEUTRON

CASING COLLARS

T.D. 442.5
R.D. 442.5
TOSCO PRODUCTION FINANCE CORP.
c/o CARMEL ENERGY
BESHORE Unit H
BATES COUNTY, MISSOURI
NOVEMBER 4, 1981