ENERGY RESOURCES INC.

COMPANY: TOWN OIL COMPANY
WELL: NO. P-16
FIELD: BARNAS LEASE
COUNTY: JACKSON, MISSOURI
STATE: MO. OIL & GAS COUNCIL

RECEIVED
MAY 26 1983

DATE: 5-18-83
RUN NO.: 1
DEPTH DRILLER: 721.5
DEPTH LOGGER: 721.5
BTM. LOG INTERVAL: 721.5
TOP LOG INTERVAL: 0.0
CASING DRILLER: 6.0
CASING LOGGER: 0.0
BIT SIZE: 5 7/8
TYPE FLUID IN HOLE: NONE
DENSITY: N.A.
VISCOSITY: N.A.
PH: N.A.
FLUID LEVEL: N.A.
SOURCE OF SAMPLE: N.A.
RM @ MEAS. TEMP.: N.A.
RMF @ MEAS. TEMP.: N.A.
RMC @ MEAS. TEMP.: N.A.
SOURCE: RMF: N.A. RMC: N.A.
RM @ BHT: N.A.
TIME CIRCULATION STOPPED: 4:30
TIME LOGGER ON BOTTOM: 5:00
MAX. REC. TEMP.: 32 M
EQUIPMENT NO.: 0020
LOCATION: Independence
RECORDED BY: Pettegrew
WITNESSED BY: N.A.

	GAMMA RAY	NEUTRON
RUN NO.	1	1
TOOL MODEL NO.	203	203
DIAMETER	1 11/16"	1 11/16"
DETECTOR MODEL NO.	705-CE	705 HR-3
TYPE	GEIGER	HE
LENGTH	1 3/4x18"	1" x 6"
DISTANCE TO N. SOURCE	4.5	71-1
SOURCE MODEL NO.		71-1-3356
SERIAL NO.		13"
SPACING		AMBK-251
TYPE		3 CT
STRENGTH		

GENERAL	
HOIST TRUCK NO.	0020
INSTRUMENT TRUCK NO.	0020
TOOL SERIAL NO.	0002

LOGGING DATA

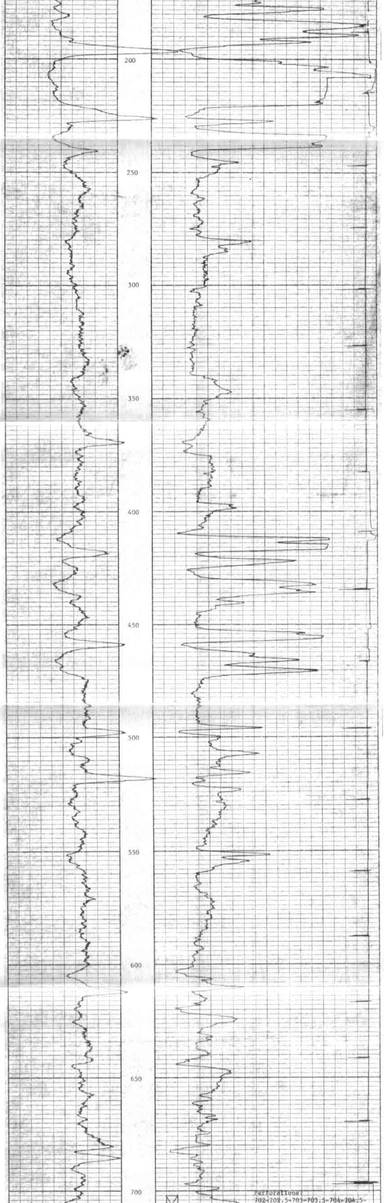
GAMMA RAY RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED FT/MIN	T.C. SEC	SENS SETTINGS	ZERO DIV.+DEV	API G.R. UNITS PER DIV.DEV	NEUTRON T.C. SEC	SENS SETTINGS	ZERO DIV.+DEV	API N. UNITS PER DIV.
1	0.0	T.D.	20	4.0	100/120	2-R	10	1.0	500/110	2-L	20

REFERENCE OPERATING: 2 1/2" - CEMENTED

REMARKS: DRILLING CONTRACTOR: TOWN OIL

GAMMA RAY DEPTH NEUTRON

CASING



PERFORATIONS:
702-703.5-703-703.5-704-704.5-
705-705.5-706-706.5-706-707.5-
708-708.5-709-709.5-710-710.
715-715.5-716-716.5-717-717.5-
718-718.

T.D. 721.0
B.D. 721.5

T.D. 721.0
B.D. 720.0

TOWN OIL COMPANY
BARNAS NO. P-16
JACKSON COUNTY, MISSOURI
MAY 18, 1983