ENERGY RESOURCES, INC.

COMPANY: W.F. MOORE, INC.
WELL: NO. 2
FIELD: EVERHARD
COUNTY: SACRAMENTO, MISSOURI
LOCATION: 1/2 MILE SOUTH OF HWY. 50 ON HWY. 65
PERMANENT DATUM: GL
ELEV.: K.B. 0 FT. ABOVE PERM. DATUM
LOG MEASURED FROM: KB
DRILLING MEASURED FROM: KB
DATE: 4-14-82
RUN NO.: ONE
TYPE LOG: GAMMA RAY - NEUTRON
DEPTH-DRILLER: 717.0
DEPTH-LOGGER: 716.5
BTM. LOG INTERVAL: 716.0
TOP LOG INTERVAL: 0.0
CASING-DRILLER: 8 5/8 @ 0.0
CASING-LOGGER: 0.0
BIT SIZE: 7 7/8
TYPE FLUID IN HOLE: WATER
DENSITY: N/A
VISCOSITY: N/A
PH: N/A
FLUID LEVEL: N/A
SOURCE OF SAMPLE: CCL
RM @ MEASURED TEMP.: N/A
RMF @ MEASURED TEMP.: N/A
RMC @ MEASURED TEMP.: N/A
RM @ BHT: N/A
TIME CIRCULATION STOPPED: N/A
TIME LOGGER ON BOTTOM: N/A
MAXIMUM RECORDED TEMP.: N/A
EQUIPMENT NO.: 1-GR-82 / 1-NW
LOCATION: MAGNAGAS
WITNESS: MCD. GEL & GAS COUNCIL
RUN NO.: 1
DATE: 4-14-82
LOGGING DIRECTION: DOWN
LOGGING SPEED: 20 FT/MIN
TIME CONSTANT: 4.0 SEC
SENSITIVITY: 100/120
ZERO POSITION: 2-L
CALIBRATION: 10
TOP LOG INTERVAL: 0.0
BOTTOM LOG INTERVAL: 716.0
CASING-DRILLER: 8 5/8 @ 0.0
CASING-LOGGER: 0.0
BIT SIZE: 7 7/8
TYPE FLUID IN HOLE: WATER
DENSITY: 8.4
VISCOSITY: 26.0
PH: 25.0
FLUID LOSS: MAGNAGAS
SOURCE OF SAMPLE: MCD. GEL & GAS COUNCIL
RM @ MEASURED TEMP.: 0.6
RMF @ MEASURED TEMP.: T.R.
RMC @ MEASURED TEMP.: T.R.
RM @ BHT: T.R.
TIME CIRCULATION STOPPED: 1 HR.
TIME LOGGER ON BOTTOM: 1 HR.
MAXIMUM RECORDED TEMP.: 70°F

RELEASED
MAR 2 1 1983
RECEIVED

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	1 NW	RUN NO.	1 NW
TOOL MODEL NO.	705	LOG TYPE	NORM/NORM
DIAMETER	1 11/16"	TOOL MODEL NO.	705
DETECTOR MODEL NO.	705-CE	DIAMETER	1 11/16"
TYPE	GEIGER	DETECTOR MODEL NO.	705 NE-3
LENGTH	1 3/8x18"	TYPE	BF3
DISTANCE TO M. SOURCE	4.5	LENGTH	1" x 6"
		SOURCE MODEL NO.	71-1
GENERAL		SERIAL NO.	71-1-3356
MODEL TRUCK NO.	0020	SHIELDING	3.5"
INSTRUMENT TRUCK NO.	0020	TYPE	AMBE-241
TOOL SERIAL NO.	0000	STRENGTH	2 CI

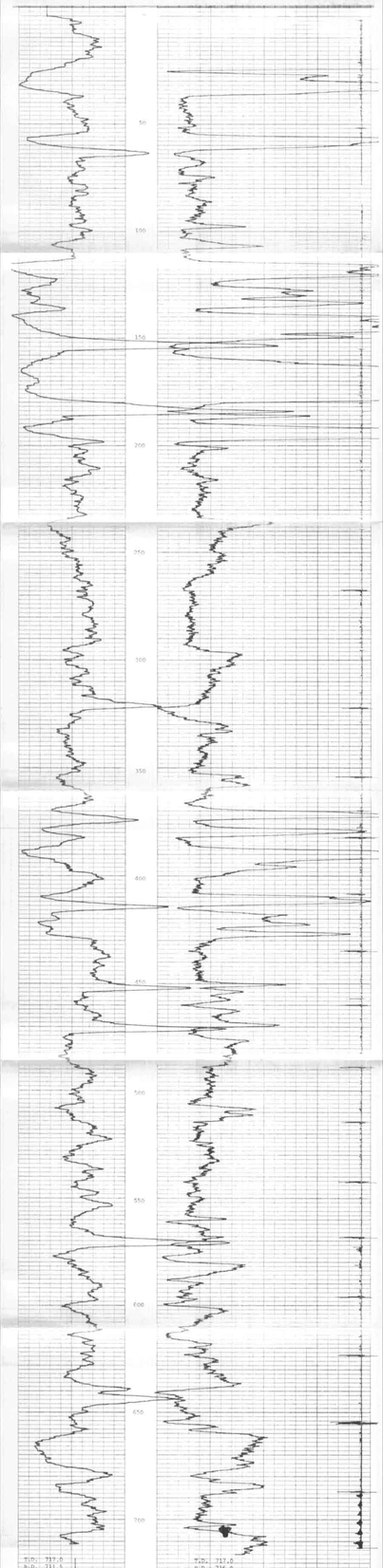
LOGGING DATA

GENERAL						GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED FT/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. LOG R	API GR UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV. LOG R	API NL UNITS PER LOG DIV.
1	0.0	T.D.	20	4.0	100/120	2-L	10	1.0	500/110	6-L	20

REFERENCE LITERATURE: 2 1/2" - NOT CEMENTED

REMARKS: DRILLING CONTRACTOR: LAYNE WESTERN CO.

GAMMA RAY DEPTH NEUTRON CASING COLLARS



W.F. MOORE, INC.
GEORGE NO. 2
SEPTEMBER 4, 1982