ENERGY RESOURCES, INC.

COMPANY: W. P. Moore Inc.
WELL: No. 5
FIELD: HARRIS LEASE
COUNTY: CASS COUNTY, MISSOURI
LOCATION: 799 FNL 331 FWL NW NW
SEC. 6 TWP. 46 RGE. 32
PERMANENT datum: GL
LOG measured from: GL
Drilling measured from: GL
Elev.: K.B. N/A D.F. N/A G.L. N/A
API Serial No. 23-049-21
Date: 3-8-81
Run No. One
Type Log: GAMMA RAY NEUTRON
Depth-Driller: 631.5
Depth-Logger: 630.0
Bottom log interval: 630.3
Top log interval: SURFACE
Casing-Driller: 55.5
Casing-Logger: 55.5
Bit size: 5 7/8
Type fluid in hole: WATER
Dens.: NONE
Visc.: NONE
pH: NONE
Fluid level: FULL
Source of sample: BAILER
Rm @ meas. temp.: NONE
Rmf @ meas. temp.: NONE
Rmc @ meas. temp.: NONE
Source: Rmf NONE Rmc NONE
Rm @ BHT: NONE
Time since circ.: 24 HRS
Max. rec. temp. deg. F: 70
Equipment location: 703
Recorded by: R. WHITE
Witnessed by: MR. HARRIS

BORE-HOLE RECORD				CASING RECORD		
No.	Bit	From	To	No.	Size	Wgt.	From	To
1	5 7/8	0.0	631.5	1	2 3/8	4.6	0.0	630.3

RELEASED

JUN 03 1982

RECEIVED

Permit #28336

GEOLOGY

FLUID LEVEL TIME-READING AND LOG CONFORMS TO API RP 33

EQUIPMENT DATA

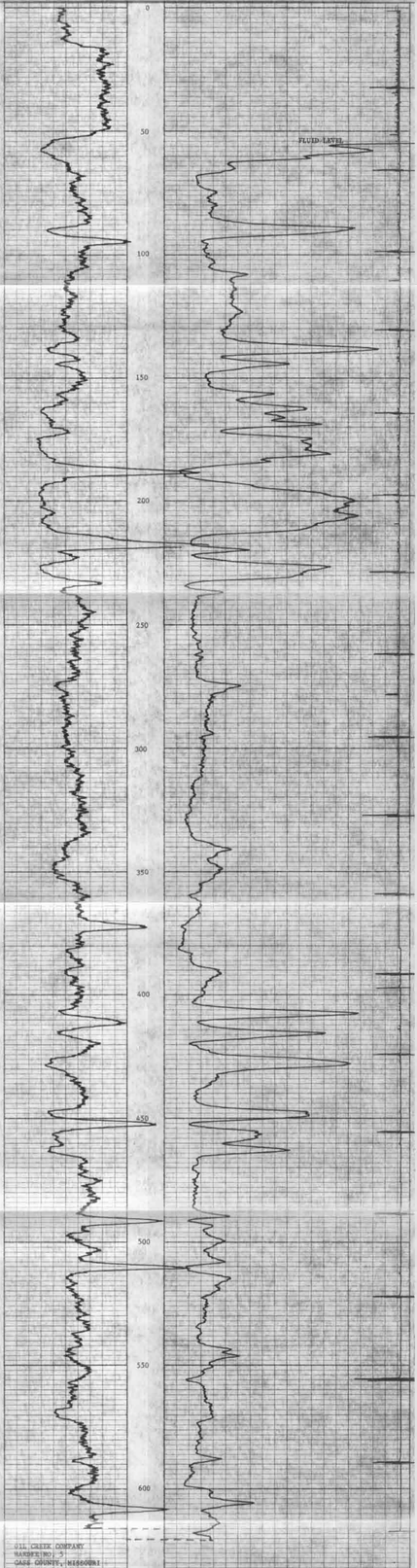
GAMMA RAY		NEUTRON	
RUN NO.	1 NW	RUN NO.	1 NW
TOOL MODEL NO.	703	LOG TYPE	NEU/NEU
DIAMETER	1 11/16"	TOOL MODEL NO.	703
DETECTOR MODEL NO.	703-GE	DIAMETER	1 11/16"
TYPE	GEIGER	DETECTOR MODEL NO.	703 NE-3
LENGTH	1 3/8x18"	TYPE	HE
DISTANCE TO M. SOURCE	4.5	LENGTH	1" x 6"
GENERAL		SOURCE MODEL NO.	71-1
HOIST TRUCK NO.	0020	SERIAL NO.	71-1-3668
INSTRUMENT TRUCK NO.	0020	SPACING	15"
TOOL SERIAL NO.	0002	TYPE	AMBT-261
		STRENGTH	5 CI

LOGGING DATA

GENERAL					GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED FT/MIN	T.C. SEC	SENS SETTINGS	CURV DIV. L OR R	API GR UNITS PER LOG DIV.	T.C. SEC	SENS SETTINGS	ZERO DIV. L OR R	API N UNITS PER LOG DIV.
1	0	7.5.	20	3.0	100/060	2-R	10	3.0	300/100	0	20

REFERENCE LITERATURE: 2 3/8" - NOT CEMENTED
SEATING NIPPLE: 536.0
REMARKS: DRILLING CONTRACTOR: B & B DRILLING

GAMMA RAY DEPTH NEUTRON CASING COLLARS



OIL CREEK COMPANY
HARRIS(NO) 5
CASS COUNTY, MISSOURI
DECEMBER 8, 1981