ENERGY RESOURCES, INC.

RELEASED

COMPANY: CLARK & HIRES
WELL: NO. 1 WP
FIELD: CLARK & HIRES FARM
COUNTY: JACKSON STATE: MISSOURI
LOCATION: DSC #2 2210 FSL & 1660 FEL 28 TWP 47N RGE 33W
PERMANENT DATUM: G.L.
LOG MEASURED FROM: G.L.
DRILLING MEASURED FROM: G.L.
ELEV.: K.B. G.L.

DATE: 11-29-80
RUN NO.: 1 NW
DEPTH-DRILLER: 669.5
DEPTH-LOGGER: 669.5
BTM. LOG INTERVAL: 669.5
TOP LOG INTERVAL: 0.0
CASING-DRILLER: 8 5/8" @ 22.0
CASING-LOGGER: 22.0
BIT SIZE: 7 7/8"
TYPE FLUID IN HOLE: WATER
DENSITY: NA
LEVEL: FULL
MAX. REC. TEMP.: 85°F
EQUIP. LOCATION: MORGAN
RECORDED BY: MORGAN
WITNESSED BY: MR. BRUCE CROMER

11-29-80
1 NW
GAMMA RAY
DETECTOR

11-29-80
1 NW
NEUTRON
DETECTOR

OTHER SERVICES: GCL

CASING RECORD

SIZE	WGT.	GRADE	FROM	TO
8 5/8"	24#		0	22
5 1/2"	14#		0	669.5

BOREHOLE RECORD

BIT NO.	SIZE	FROM	TO
1	7 7/8"	0	669.5

RECEIVED
SEP 28 1981
MISSOURI DIVISION OF ENERGY

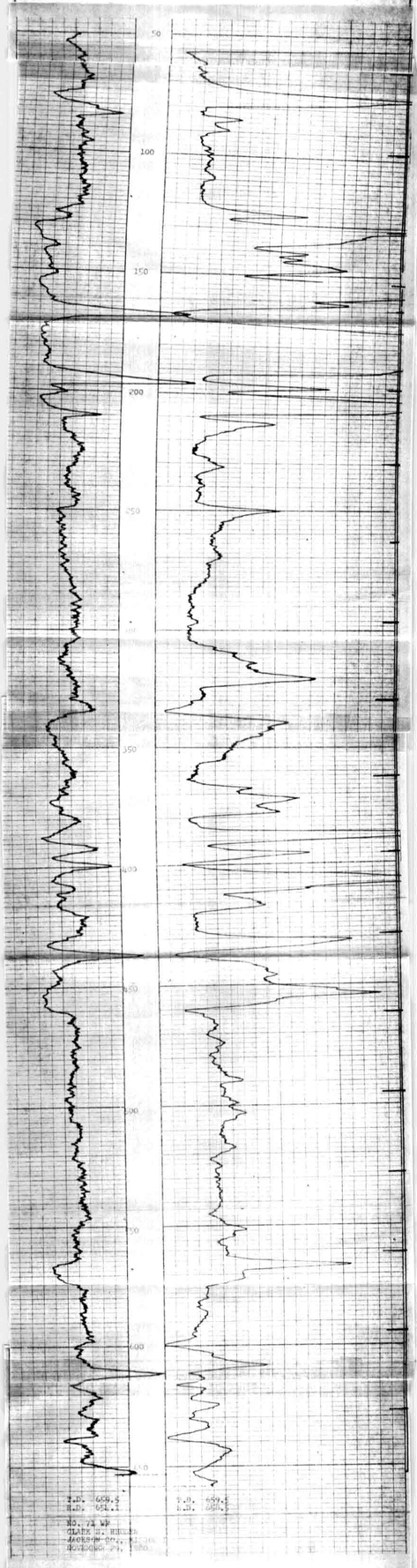
EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	1 NW	RUN NO.	1 NW
TOOL MODEL NO.	705	LOG TYPE	NRU/NRU
DIAMETER	1 11/16"	TOOL MODEL NO.	705
DETECTOR MODEL NO.	705-GR	DIAMETER	1 11/16"
TYPE	GR1GRDH	DETECTOR MODEL NO.	705 NE-3
LENGTH	1 3/8" & 18"	TYPE	NE
DISTANCE TO HI. SOURCE	42	LENGTH	1" x 6"
GENERAL		SOURCE MODEL NO.	71-1
HOIST TRUCK NO.	0020	SERIAL NO.	71-1-335 0
INSTRUMENT TRUCK NO.	0020	SPACING	13"
TOOL SERIAL NO.	0002	TYPE	AMBE-241
		STRENGTH	3 CI

LOGGING DATA

GENERAL				GAMMA RAY					NEUTRON		
RUN NO.	DEPTH FROM	DEPTH 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	T.D.	20	4.0	100/075	4 L	20	4.0	500/100	2 R	20

REFERENCE LITERATURE: 1, 7

REMARKS: DRILLING CONTRACTOR: McGUIRE DRILLING COMPANY

GAMMA RAY | DEPTH | NEUTRON | CASING COLLARS