ENERGY RESOURCES INC.
P.O. Box 2
Grand Island, Nebraska 68802

MAR 23 1982
Oil & Gas Section

COMPANY: ENERGY RESOURCES
WELL: B-3
FIELD: ADAIR
COUNTY: CASS, MISSOURI
LOCATION: 350' FSL & 1695' FEL
SEC. 6 TWP. 46 RGE. 33
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.: 15-
OTHER SERVICES: CCL

RUN NO. 1 2
DATE 3-10-81 3-11-81
TD DRILLER 635.0 635.0
TD LOGGER 635.5 634.0
BTM. LOG INTERVAL 630.0 630.0
TOP LOG INTERVAL 0.0 0.0
CASING - DRILLER 8 5/8 @ 20.0
CASING - LOGGER 20.0
BIT SIZE 7 7/8 7 7/8
TYPE FLUID WATER WATER
DENSITY 8.3 8.3
VISCOSITY 40 40
PH/FLUID LOSS 10.0 10.0
SOURCE OF SAMPLE CIRCULATION CIRCULATION
RM @ MEAS. TEMP. .75 @ 70 .75 @ 70
RMF @ MEAS. TEMP. .75 @ 70 .75 @ 70
RMC @ MEAS. TEMP. .75 @ 70 .75 @ 70
SOURCE RMF / RMC MEASURED MEASURED
RM @ BHT .75 @ 70 .75 @ 70
TIME CIRC. 1 HR. 1 HR.
TIME SINCE CIRC. 1 HR. 1 HR.
TIME LOGGER ON BOTTOM 11:45-81 11:45-81
MAX. REC. TEMP. °F 70 70
EQUIPMENT NO. 1 3N 1 3N
LOCATION 705 705
RECORDED BY HOWARD HOWARD
WITNESSED BY

BORE-HOLE RECORD

BIT NO.	SIZE	FROM	TO
1	7 7/8	0.0	635.0

CASING RECORD

NO.	SIZE	WGT.	FROM	TO
1	8 5/8		0.0	20.0

FORM 1189

DRILL HEADING AND LOG CONFORMS TO API RP 33

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	1 3N	RUN NO.	1 3N
TOOL MODEL NO.	705	LOG TYPE	NEU/NEU
DIAMETER	1 11/16"	TOOL MODEL NO.	705
DETECTOR MODEL NO.	705-DR	DIAMETER	1 11/16"
TYPE	GEIGER	DETECTOR MODEL NO.	705 TD-3
LENGTH	1 3/8x18"	TYPE	BF
DISTANCE TO N. SOURCE	4.2	LENGTH	1" x 4"
		SOURCE MODEL NO.	71-1
		SERIAL NO.	71-1-9356
		SPACING	15"
		TYPE	AMER-241
		STRENGTH	9 CI

GENERAL	
HOIST TRUCK NO.	0036
INSTRUMENT TRUCK NO.	0036
TOOL SERIAL NO.	0002

LOGGING DATA

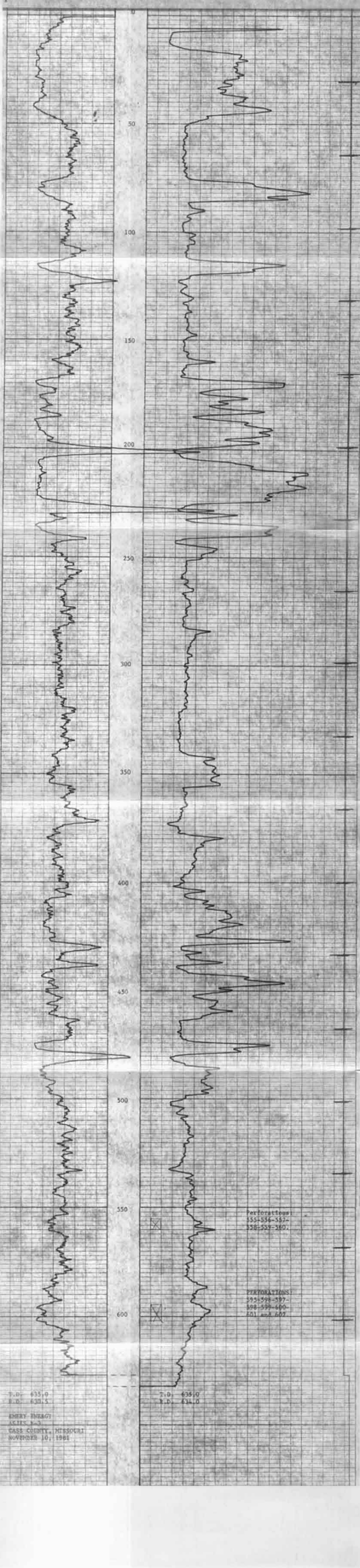
GENERAL					GAMMA RAY					NEUTRON			
RUN NO.	FROM	TO	SPEED FT/MIN	T.C. SEC.	MNS. SETTINGS	ZERO DIV. I OR B.	API G.R. UNITS PER LOG DIV.	T.C. SEC.	MNS. SETTINGS	ZERO DIV. I OR B.	API N. UNITS PER LOG DIV.
1	0.0	T.D.	20	4.0	95/100	2-R	10	4.0	100/500	3-L	20

REFERENCE LITERATURE: 2" - CENTERED

REMARKS: DRILLING CONTRACTOR: H & H DRILLING

GAMMA RAY DEPTH NEUTRON

CASING COLLARS



ENERY RESEC?
ADAIR #3
CASS COUNTY, MISSOURI
BORDEN 10, 1981

Permit #20343

CCC-109