6C45C

Permit #20254

ENERGY RESOURCES, INC.

Paola, Kansas 66071
913-294-2096
Lawrenceville, Illinois 62439
1-618 943-5000
812-841-8888

RECEIVED
NOV 02 1981

RELEASED

FILING NO.

COMPANY: CLARK E. BRYDEN

WELL: 69-32

FIELD: ENGLEWOOD

COUNTY: JACKSON, MISSOURI

LOCATION: SW-NW-SE
1855' FSL & 2372.66' FEL

OTHER SERVICES: CCL

SEC. 28 TWP. 47 RGE. 33

PERMANENT DATUM: GL — ELEV.: — ELEV.: K.B. N/A
LOG MEASURED FROM: GL — FT. ABOVE PERM. DATUM — D.F. N/A
DRILLING MEASURED FROM: GL — G.L. N/A

DATE	4-13-81	4-13-81	
RUN NO.	1 RU	1 RU	
TYPE LOG	GAMMA RAY	NEUTRON	
DEPTH—DRILLER			
DEPTH—LOGGER	635.0	635.0	
BOTTOM LOGGED INTERVAL	630.5	634.0	
TOP LOGGED INTERVAL	0.0	0.0	
TYPE FLUID IN HOLE	WATER	WATER	
SALINITY, PPM Cl			
DENSITY			
LEVEL	FULL	FULL	
MAX. REC. TEMP. DEG F			
OPERATING RIG TIME			
RECORDED BY	NEWMAN	NEWMAN	
WITNESSED BY			

BORE-HOLE RECORD				CASING RECORD			
RUN NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
1				4"		0	T.D.

THIS HEADING AND LOG CONFORMS TO API RP 33

EQUIPMENT DATA

GAMMA RAY

BOW SPRING NO.	705
DIAMETER	1-3/8"
DETECTOR NO.	3-1-1
TYPE	3RC25
LENGTH	7'6.19"
DISTANCE TO SOURCE	6.9'

SOURCE

SOURCE TRUCK NO.	0000
DISTRIBUTOR TRUCK NO.	0000
TOOL SERIAL NO.	0000

NEUTRON

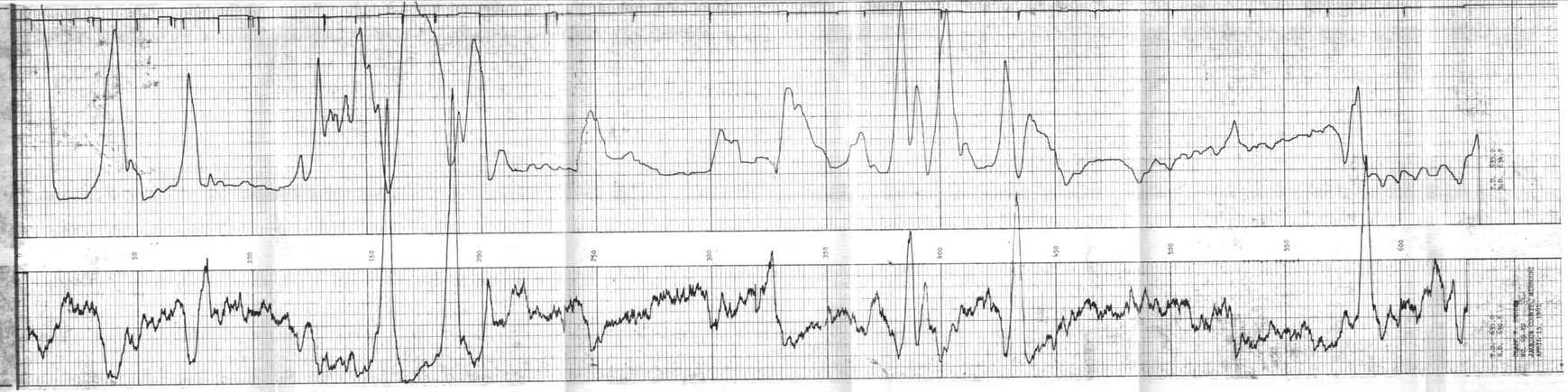
BOW SPRING NO.	705
TOOL TYPE	1-3/8"
TOOL MODEL NO.	705-EE-1
DIAMETER	1-3/8"
DETECTOR MODEL NO.	1-EC
TYPE	1-3-1359
LENGTH	7'6"
SOURCE MODEL NO.	1-3-1359
SOURCE STRENGTH	1.5
SOURCE	A-WOT-241
DISTANCE	1.5'
TYPE	1-3-1359

LOGGING DATA

	GAMMA RAY	NEUTRON
RUN NO.	1	1
SPEED FT/MIN.	20	20
T.C. SECS.	2	2
SERIAL NO.	1307/23	0-5
MR OR R UNITS		12
SERIAL NO.		
T.C. SECS.		1
SERIAL NO.		5202/1303
MR OR R UNITS		3-C
MR OR R SHEET NO.		20

REMARKS: DRILLING COMPLETED 4-13-81

WITNESSED BY: MR. HEITZMAN

GAMMA RAY NEUTRON CASING COLLARS

DEPTH