GC0163

Permit #20252

ENERGY RESOURCES, INC.

Permit No.

Company: CLARK S. BROOKER

Well: 69-F-1

Field: BRYANTWOOD

County: JACKSON, MISSOURI

Location: SE/4 SE/4 SW/4 SW/4

Sec. 28 Twn. 47 Rge. 33

Permanent datum: GL

Elevation: 1 above perm. datum

Log measured from: GL

Drilling measured from: GL

Date: 4-6-81

Run No.: 1

Depth-driller: 698.0

Depth-logger: 698.0

Bottom logged interval: 698.0

Top logged interval: 0.0

Casing-driller: 8 5/8 @ 0.0

Casing-logger: 0.0

Bit size: 7 7/8

Type fluid in hole: AIR

Dens.: -

Visc.: -

pH: -

Fluid level: FULL

Max. rec. temp.: 90°F

Est. cement top: SURFACE

Equipment: NONE

Witnessed by: MR. TOM GREG

Recorded by: R. WEAVER

Rig: 3

Bond log run: YES

Casing collar log run: YES

Cement bond log run: YES

Variable density: YES

Gamma ray log run: YES

Neutron log run: YES

Caliper log run: YES

Other services: CCL

Date: 4-6-81

Time: 9:00 A.M.

Rig up: 9:30 A.M.

Rig down: 10:00 A.M.

Logging time: 3 HRS.

Equipment rating: GOOD

Operating procedure: GOOD

Remarks: NONE

Casing record: 8 5/8 @ 0.0

Tubing: NONE

Perforations: NONE

Bridge plug: NONE

Cement plug: NONE

Fold here

This heading and log formats to API RP 33

Received JUN 26 1981 MO. GEO. & WATER SURVEY

RELEASED

EQUIPMENT DATA

Gamma ray		Neutron	
Run no.	1 NW	Run no.	1 NW
Tools model no.	705	Log type	SBU/SBU
Diameter	1 11/16"	Tools model no.	705
Detector model no.	705-GR	Diameter	1 11/16"
Type	GEIGER	Detector model no.	705 NE-1
Length	1 3/4"	Type	NF
Distance to n. source	4.5	Length	1 3/4"
General		Source model no.	71-1
Hoist truck no.	0020	Serial no.	71-1-1150
Instrument truck no.	0020	Machno.	13"
Tool serial no.	0002	Type	AMTE-241
		Strength	3 CI

LOGGING DATA

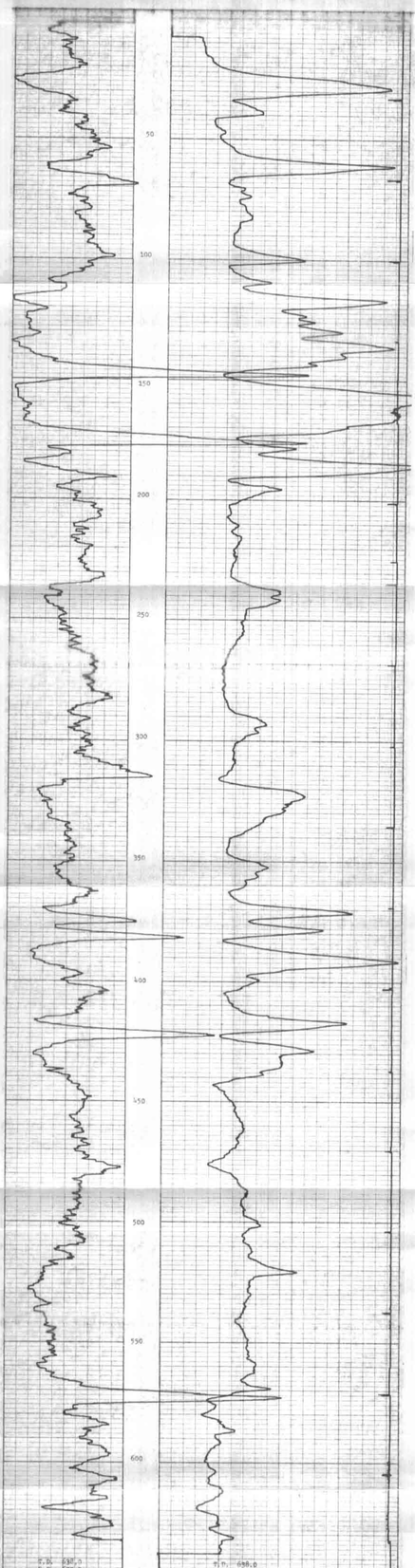
General Runs	Depths From	Depths To	Speed Ft/min.	T.C. Sec.	Sens. Settings	Gamma ray Zero Div. 1 On 8	Gamma ray API G.R. Units Per Log Div.	T.C. Sec.	Neutron Sens. Settings	Neutron Zero Div. 1 On 8	Neutron API N. Units Per Log Div.
1	0	T.D.	20	4	100/95	0-8	10	4	500/100	3-L	20

Reference literature:

Remarks:

GAMMA RAY DEPTH NEUTRON

CASING COLLARS



T.D. 698.0
B.D. 697.0

R.K. 698.5
R.K. 693.5

Clark Brooker
No. 69-F-1
Jackson County, Missouri
April 6, 1981