CC0120

Patrick #2851

ENERGY RESOURCES, INC.

Energy Resources, Inc.
P.O. Box 1214
Lawrence, Kansas 66044
913 841-2600

Customer Energy Resources, Inc.
Company
Well McDonald #1
County Jackson, Missouri
Location Sec. 22 Twp. 47 Rge. 33
Permanent datum G.L.
Log measured from K.B.
Drilling measured from K.B.
Date 4-8-81
Run No. One
Depth-driller 634.0
Depth-logger 633.0
Bottom logged interval 633.0
Top logged interval 0
Type fluid in hole WATER
Salinity, PPM Cl
Density
Max. rec. temp. deg. F
Operating rig time
Recorded by D. Ferguson
Witnessed by Mr. Hobbs

Equipment Data
Gamma Ray: Run No. 1 NW; Tool model no. 705; Diameter 1 11/16"; Detector model no. 705-GE; Type GEIGER; Length 1 3/8x18"; Distance to m. source 4.5
Neutron: Run No. 1 NW; Log type NEU/NEU; Tool model no. 705; Diameter 1 11/16"; Detector model no. 705 HE-3; Type HE; Length 1" x 6"; Source model no. 71-1; Serial no. 71-1-3350; Spacing 13"; Type AmBe-241; Strength 3 CI
General: Hoist truck no. 0036; Instrument truck no. 0036; Tool serial no. 0002

Logging Data

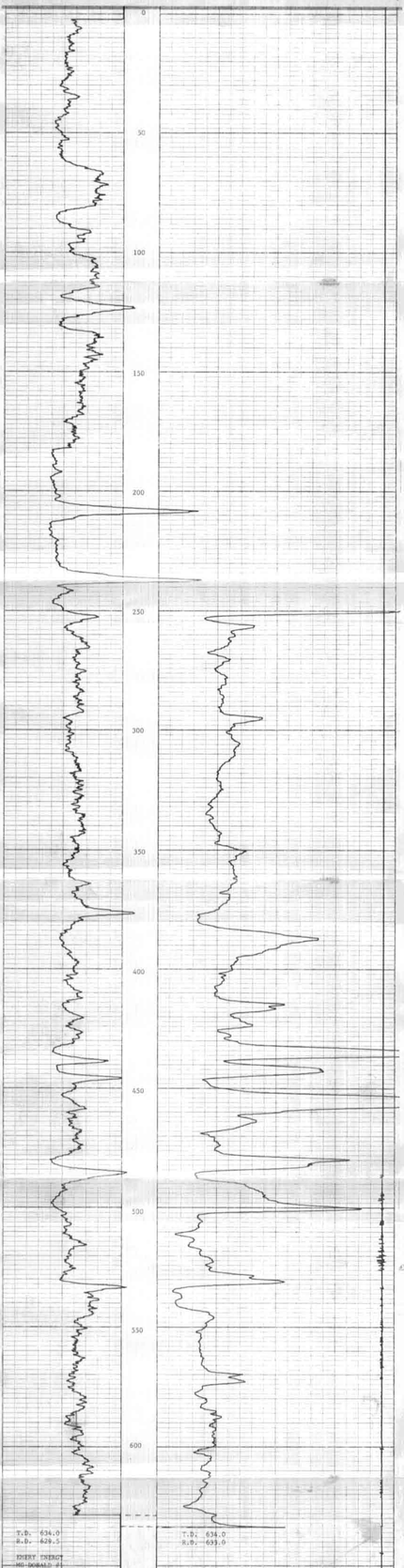
Gamma Ray Run No.	Depths From	To	Speed FT/MIN	Sens. Settings	T.C. SEC.	Zero Div.	API G.R. Units Per Log Div.	Neutron T.C. SEC.	Sens. Settings	Zero Div.	API N. Units Per Log Div.
1	0	T.D.	20	100/95	2.0	2-8	10	2.0	500/100	3-1	20

Reference literature:

Remarks: DRILLING CONTRACTOR: H & H DRILLING

GAMMA RAY DEPTH NEUTRON

CASING COLLARS



T.D. 634.0
B.D. 629.5

T.D. 634.0
B.D. 633.0

ENERY ENERGY
MC-DONALD #1
JACKSON COUNTY, MISSOURI
AUGUST 2, 1981