602609 Permit # 20191

**RELEASED**

**ENERGY RESOURCES, INC.**

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AUG 01 1985
MO. OIL & GAS COUNCIL

RUN NO.

COMPANY CLAYTON BROWN
WELL NO. 1 K
FIELD HIDDEN PARK
COUNTY JACKSON - MISSOURI
LOCATION 1282' FSL and 1815' FEL
OTHER SERVICES:
SEC. 20 TWP. 47N RGE. 33W

PERMANENT DATUM G.L. ELEV. ELEV.: K.B.
LOG MEASURED FROM K.B. FT. ABOVE PERM. DATUM D.F.
DRILLING MEASURED FROM K.B. G.L.

| | | |
|---|---|---|
| DATE | 10-1-80 | 10-1-80 |
| RUN NO. | ONE | TWO |
| TYPE LOG | GAMMA RAY | NEUTRON |
| DEPTH-DRILLER | 601.5 | 601.5 |
| DEPTH-LOGGER | 600+ | 600.6 |
| BOTTOM LOGGED INTERVAL | 600+ | 599.2 |
| TOP LOGGED INTERVAL | 50.0 | 50.0 |
| TYPE FLUID IN HOLE | WATER | WATER |
| SALINITY, PPM Cl | | |
| DENSITY | | |
| LEVEL | FULL | FULL |
| MAX. REC. TEMP. DEG. F | | |
| OPERATING RIG TIME | | |
| RECORDED BY | PRATT | PRATT |
| WITNESSED BY | | |

BORE-HOLE RECORD

| RUN NO. | BIT | FROM | TO |
|---|---|---|---|
| | | | |

CASING RECORD

| SIZE | WGT. | FROM | TO |
|---|---|---|---|
| | | | |

EQUIPMENT DATA

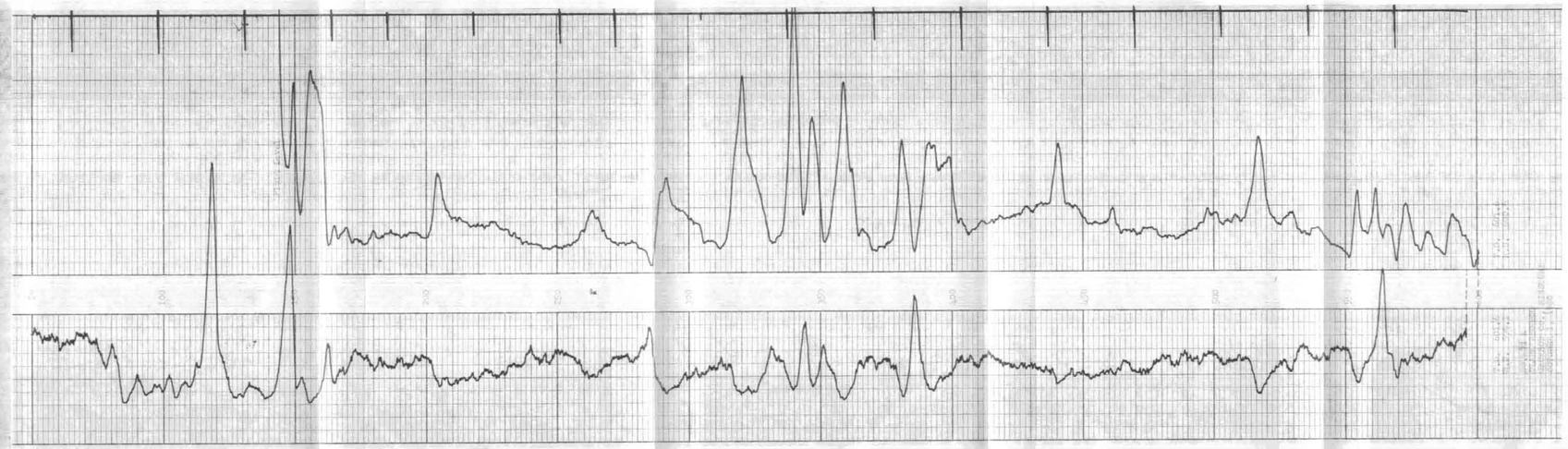
| GAMMA RAY | | NEUTRON | |
|---|---|---|---|
| RUN NO. | 1 | RUN NO. | 1 |
| TOOL MODEL NO. | 700-GR | TOOL MODEL NO. | 700-NT |
| TOOL SERIAL NO. | 700-GR-1 | TOOL SERIAL NO. | 700-NT-1 |
| DETECTOR MODEL NO. | 44-GR-1 | DETECTOR MODEL NO. | 44-NT-1 |
| TYPE | GM | TYPE | BF3 |
| LENGTH | 1.5' | LENGTH | 1.5' |
| DISTANCE TO SOURCE | 1.5' | DISTANCE TO SOURCE | 1.5' |
| | | SOURCE MODEL NO. | 100-NS |
| | | TYPE | PU-Be |
| | | STRENGTH | 2 Curies |
| GENERAL | | GENERAL | |
| HOIST TRUCK NO. | 1000 | HOIST TRUCK NO. | 1000 |
| INSTRUMENT TRUCK NO. | 4000 | INSTRUMENT TRUCK NO. | 4000 |
| TOOL GENERAL NO. | 4000 | TOOL GENERAL NO. | 4000 |

LOGGING DATA

| GAMMA RAY | | NEUTRON | |
|---|---|---|---|
| FIRST RUN | 1-1-80 | FIRST RUN | 1-1-80 |
| SERIAL NO. | 1-10/0126 | SERIAL NO. | 1-10/0126 |
| T.C. SETTING | 10 | T.C. SETTING | 10 |
| API G.R. UNITS PER DIV. | 10 | API N. UNITS PER DIV. | 20 |
| LIFTED FROM | 0 | LIFTED FROM | 0 |
| TO | 600 | TO | 600 |

REFERENCE LITERATURE:

REMARKS:

GAMMA RAY DEPTH NEUTRON

CASING COLLARS