600561

**ENERGY RESOURCES, INC.**

Paola, Kansas 66071
P. O. Box 467
913-294-5080
Lawrence, Kansas 66044
1203 Iowa
913-841-8888

**RELEASED**

FILING NO.

COMPANY MOSSBOUCHER PRODUCTION COMPANY
WELL CNP NO. 12
FIELD CENTRAL NON-FERROUS
COUNTY VERNON CO., MISSOURI

LOCATION: 1237.95 FEL
165.00 FNL

SEC 30 TWP 37N RGE 33W

OTHER SERVICES:

PERMANENT DATUM G.L. ELEV. 806.2
LOG MEASURED FROM G.L. FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM G.L.

ELEV.: K.B.
D.F.
G.L. 806.2

| | | |
|---|---|---|
| DATE | 7-25-80 | 7-25-80 |
| RUN NO. | 1 NW | 1 NW |
| TYPE LOG | GAMMA RAY | NEUTRON |
| DEPTH—DRILLER | | |
| DEPTH—LOGGER | 158.6 | 158.6 |
| BOTTOM LOGGED INTERVAL | 153.1 | 153.1 |
| TOP LOGGED INTERVAL | 0.0 | 4.5 |
| TYPE FLUID IN HOLE | WATER | WATER |
| SALINITY, PPM CL | | |
| DENSITY | | |
| LEVEL | 22.0 | 22.0 |
| MAX. REC. TEMP., DEG F. | | |
| OPERATING RIG TIME | | |
| RECORDED BY | E. PRATT | E. PRATT |
| WITNESSED BY | B. POSTON | B. POSTON |

BORE-HOLE RECORD

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

CASING RECORD

| SIZE | WGT. | FROM | TO |
|---|---|---|---|
| O/H | | 0 | T.D. |

RECEIVED
JAN 05 1981
MO. OIL & GAS COUNCIL

FOLD HERE

THIS HEADING AND LOG CONFORMS TO API RP 33

## EQUIPMENT DATA

| GAMMA RAY | | | NEUTRON | | |
|---|---|---|---|---|---|
| RUN NO. | 1 NW | | RUN NO. | 1 NW | |
| TOOL MODEL NO. | 705 | | LOG TYPE | NEU/NEU | |
| DIAMETER | 1 11/16" | | TOOL MODEL NO | 705 | |
| DETECTOR MODEL NO. | 705-GE | | DIAMETER | 1 11/16" | |
| TYPE | GEIGER | | DETECTOR MODEL NO. | 705 HE-3 | |
| LENGTH | 1 3/8" x 18" | | TYPE | HE | |
| DISTANCE TO N. SOURCE | 4.5 | | LENGTH | 1" x 6" | |
| | | | SOURCE MODEL NO | 71-1 | |
| GENERAL | | | SERIAL NO. | 71-1-335 G | |
| HOIST TRUCK NO. | 0020 | | SPACING | 13" | |
| INSTRUMENT TRUCK NO. | 0020 | | TYPE | AMBE-241 | |
| TOOL SERIAL NO. | 0002 | | STRENGTH | 3 CI | |

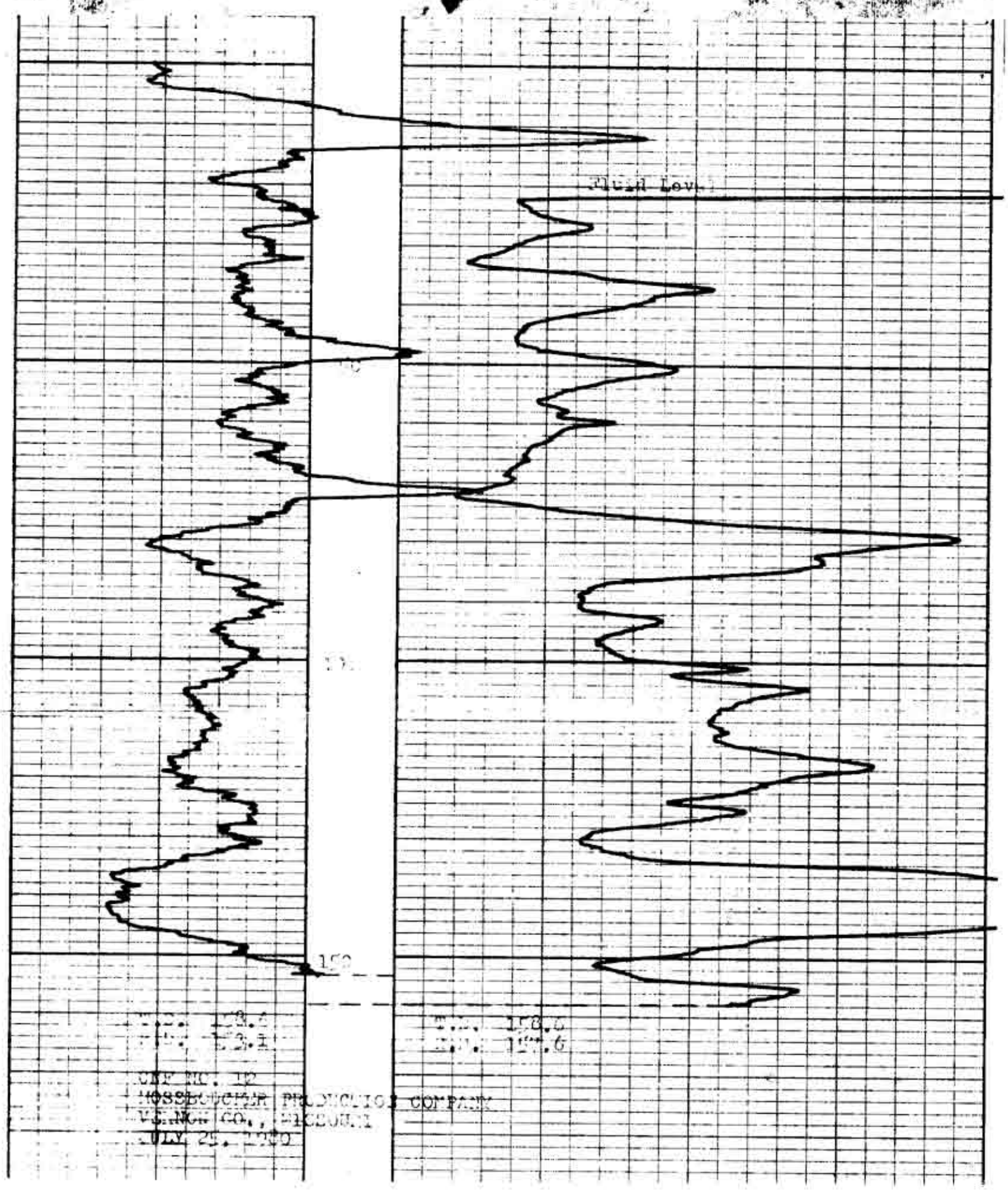
## LOGGING DATA

| GENERAL | | | | GAMMA RAY | | | | NEUTRON | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| RUN NO | DEPTHS FROM | DEPTHS TO | SPEED FT/MIN. | T.C. SEC. | SENS SETTINGS | ZERO DIV. L OR R | API G.R. UNITS PER LOG DIV. | T.C. SEC. | SENS. SETTINGS | ZERO DIV. L OR R | API N. UNITS PER LOG DIV. |
| 1 | 0 | T.D. | 20 | 4.0 | 100/090 | 1 L | 10 | 4.0 | 500/100 | 4 L | 20 |

REFERENCE LITERATURE: OPEN HOLE - NOT CEMENTED

REMARKS DRILLING CONTRACTOR: LAYNE-WESTERN COMPANY

NSCO 16240

GAMMA RAY DEPTH NEUTRON

CASING COLLARS