G00434

Permit # 20542

# ENERGY RESOURCES, INC.

Power Producers of America
P.O. Box 447
Columbia, Missouri 65205
Commercial Lease Operations
Oil Producers
(314) 442-8168

| | |
|---|---|
| COMPANY | CARNEG ENERGY INC. |
| WELL | NO. 1 |
| FIELD | D. KOOPMAN LEASE |
| COUNTY | VERNON - MISSOURI |
| LOCATION | SEC. 23 TWP. 35N RGE. 33W |
| | 1155'S OF N.L. 1750'E FROM W.L. |
| OTHER SERVICES | RUN. 1 DT. 8-21-80 DT. 8-21-80 |

| | RUN 1 | RUN 2 |
|---|---|---|
| DATE | 8-21-80 | 8-21-80 |
| BOR. NO. | 1 ON | 1 ON |
| TYPE FLUID | DAMPW MAY | MISCELLAN |
| CASING - SIZE | 11/4.0 | 11/4.0 |
| WEIGHT/FOOT | 1.33/4.0 | 1.33/4.0 |
| BOTTOM LOGGED INTERVAL | 1.33/4.0 | 1.33/4.0 |
| TOP LOGGED INTERVAL | 0.0 | 0.0 |
| TIME FLUID IN HOLE | WEEK | WEEK |
| BOREHOLE FLUID | | |
| DENSITY | POOR | POOR |
| LEVEL | | |
| MAX. REC. TEMP. - DEG. F | | |
| OPERATING RIG TIME | | |
| RECORDED BY | E. YOUNG | E. YOUNG |
| WITNESSED BY | K. WOODS | K. WOODS |

BORE-HOLE RECORD

| BIT | FROM | TO |
|---|---|---|
| | | |

CASING RECORD

| SIZE | WGT. | FROM | TO |
|---|---|---|---|
| 4 1/2 | | 0 | 2.0 |

MAX. REC. TEMP. OCT 03 1980

MIN. HOL. OIL & GAS CONTROL

EQUIPMENT DATA

| GAMMA RAY | | | NEUTRON | | |
|---|---|---|---|---|---|
| RUN NO. | 1 ON | | RUN NO. | 1 ON | |
| TOOL MODEL NO. | 705 | | TOOL TYPE | 100/100 | |
| DIAMETER | 1 11/16" | | TOOL MODEL NO. | 705 | |
| DETECTOR MODEL NO. | 705-03 | | DIAMETER | 1 11/16" | |
| TYPE | GM TUBE | | DETECTOR MODEL NO. | 705 HS-3 | |
| LENGTH | 11 3/8" x 10" | | TYPE | BF | |
| DISTANCE TO N. SOURCE | 4.5 | | LENGTH | 1" x 6" | |
| | | | SOURCE MODEL NO. | 71-2 | |
| GENERAL | | | SERIAL NO. | 32-1-33 0 | |
| HOIST TRUCK NO. | 6020 | | SPACING | 13" | |
| INSTRUMENT TRUCK NO. | 6020 | | TYPE | AMBE-241 | |
| TOOL SERIAL NO. | 6002 | | STRENGTH | 0.00 | |

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 | 100/080 | 2 L | 10 | 4.0 | 500/100 | 12 L | 20 |

REFERENCE (OPERATING) OPEN HOLE

REMARKS DRILLED CONNECTION: LAYNE-WESTERN COMPANY

GAMMA RAY DEPTH NEUTRON

CASING COLLARS




WELL 1
CARNEG ENERGY INC.
VERNON CO., MISSOURI
AUGUST 21, 1980