601115

# CORNISH

OIL WELL SERVICES

Box 260 Chanute, Kansas

Phone HE 1-9308

## RADIOACTIVITY LOG

FILING NO

COMPANY CARMEL ENERGY, INC.

WELL CEI NO. 3

FIELD

COUNTY VERNON STATE MISSOURI

LOCATION 1350' FWL 1825' FNL

SEC. 33 TWP. 35N RGE. 33W

PERMANENT DATUM G.L. ELEV. 785'

LOG MEASURED FROM G.L. FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM G.L.

ELEV. K.B. D.F. G.L. 785'

OTHER SERVICES

RECEIVED JUL 12 1978 MO. OIL & GAS COUNCIL

| | | |
|---|---|---|
| DATE | 5-2-78 | 5-2-78 |
| RUN NO. | 1 NW | 1 NW |
| TYPE LOG | GAMMA RAY | NEUTRON |
| DEPTH—DRILLER | 144.8' | 144.8' |
| DEPTH—LOGGER | 139.9' | 143.8' |
| BOTTOM LOGGED INTERVAL | | |
| TOP LOGGED INTERVAL | 2' | 10' |
| TYPE FLUID IN HOLE | NATIVE DRLG. MUD | |
| SALINITY, PPM CL. | | |
| DENSITY | | |
| LEVEL | FULL | FULL |
| MAX. REC. TEMP., DEG. F. | | |
| OPERATING RIG TIME | | |
| RECORDED BY | CORNISH J. | CORNISH J. |
| WITNESSED BY | SPERRY | SPERRY |

BORE-HOLE RECORD

| RUN NO. | BIT | FROM | TO |
|---|---|---|---|
| 1 | 7 7/8" | 0 | T.D. |

CASING RECORD

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

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. | 9205 | LOG TYPE | NEU/NEU |
| DIAMETER | 1-11/16" | TOOL MODEL NO. | 9205 |
| DETECTOR MODEL NO. | 95SC | DIAMETER | 1-11/16" |
| TYPE | SCINT. | DETECTOR MODEL NO. | 95HE |
| LENGTH | 1"x4" | TYPE | $He_3$ |
| DISTANCE TO N. SOURCE | 8.5' | LENGTH | 1"x6" |
| | | SOURCE MODEL NO. | AC |
| GENERAL | | SERIAL NO. | MRC415 |
| HOIST TRUCK NO. | 3246 | SPACING | 13" |
| INSTRUMENT TRUCK NO. | 3246 | TYPE | Am/Be |
| TOOL SERIAL NO. | 02 | STRENGTH | $6.7x10^6$ |

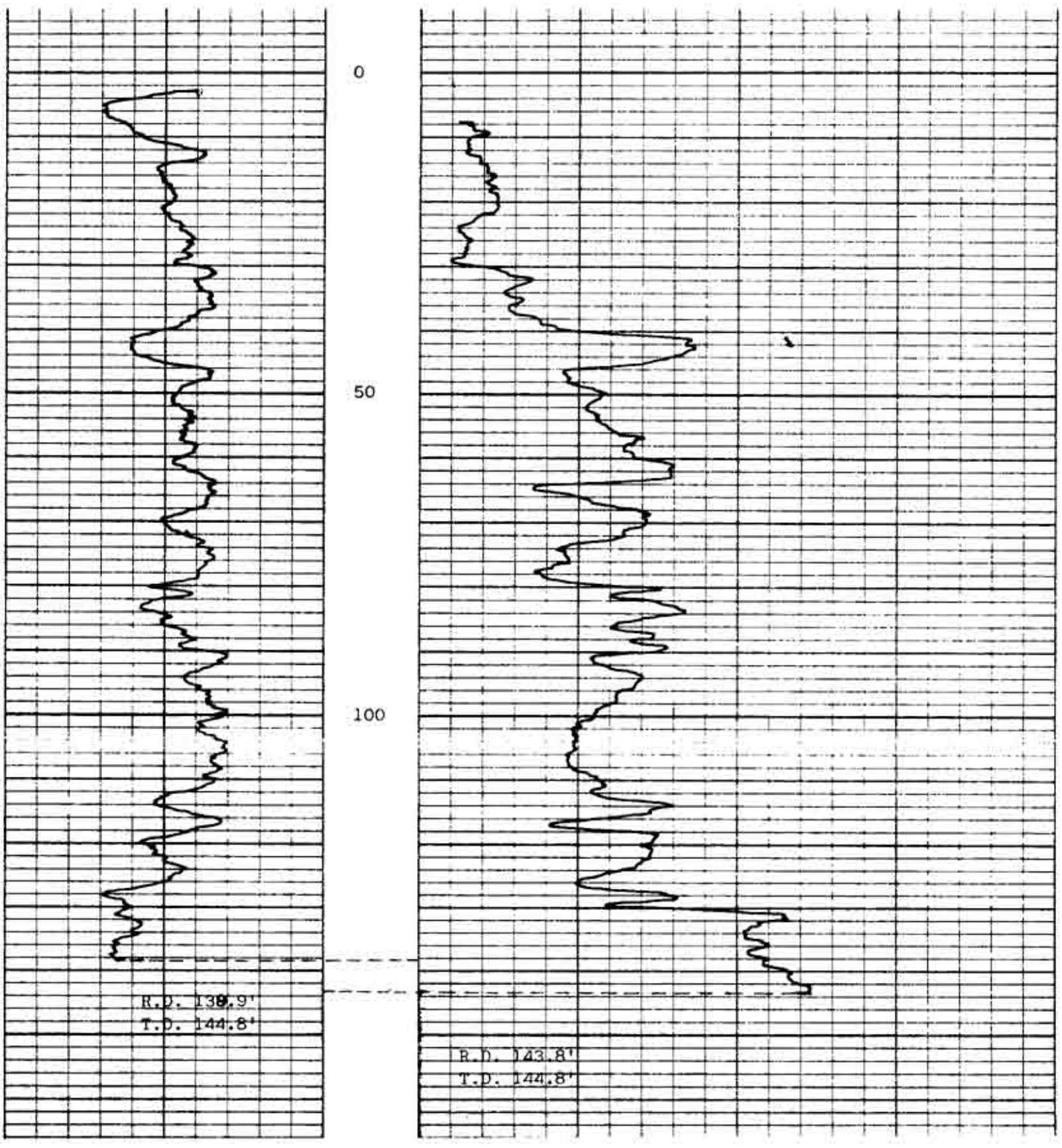
### LOGGING DATA

| 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 | 143.8' | 2' | 25 | 25 | 10-.0 | 2L | 20 | 2.0 | 0-.35 | 4L | |

REFERENCE LITERATURE

REMARKS DRILLING CONTRACTOR: Jerry L. Phillips

GAMMA RAY — API UNITS | DEPTH AND CASING COLLARS | NEUTRON — API UNITS




CEI NO. 3

CARMEL ENERGY, INC.

VERNON COUNTY, MISSOURI

MAY 2, 1978