GA 2432 Summit #21682

**TOP WIRELINE SERVICES, Inc.**

P.O. Box 550 · Chanute, Kansas 66720

FILING NO.

COMPANY CARMEL ENERGY, INC.

WELL NO. TO-20

FIELD LINNEMAN

COUNTY VERNON COUNTY, MISSOURI

LOCATION: 2336' FWL 1611' FSL

SEC 34 TWP 36N RGE 33W

OTHER SERVICES: MO. OIL & GAS COUNCIL

PERMANENT DATUM: G.L. ELEV. 769.8'

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

DRILLING MEASURED FROM G.L.

ELEV.: K.B. D.F. G.L. 769.8'

| | |
|---|---|
| DATE | 10-31-84 |
| RUN NO. | 1 NM |
| TYPE LOG | TEMP SURVEY |
| DEPTH—DRILLER | |
| DEPTH—LOGGER | 161.0' |
| BOTTOM LOGGED INTERVAL | |
| TOP LOGGED INTERVAL | 4.0' |
| TYPE FLUID IN HOLE | WATER |
| DENSITY | |
| LEVEL | FULL |
| OPERATING RIG TIME | |
| RECORDED BY | BRUBAKER, T. |
| WITNESSED BY | |

BORE-HOLE RECORD

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

CASING RECORD

| SIZE | WGT. | FROM | TO |
|---|---|---|---|
| 2" | | 0 | T.D. |

FOLD HERE

| | | | |
|---|---|---|---|
| HOIST TRUCK NO. | 81 | | |
| INSTRUMENT TRUCK NO. | | | |
| TOOL SERIAL NO. | GO TOOL | | |

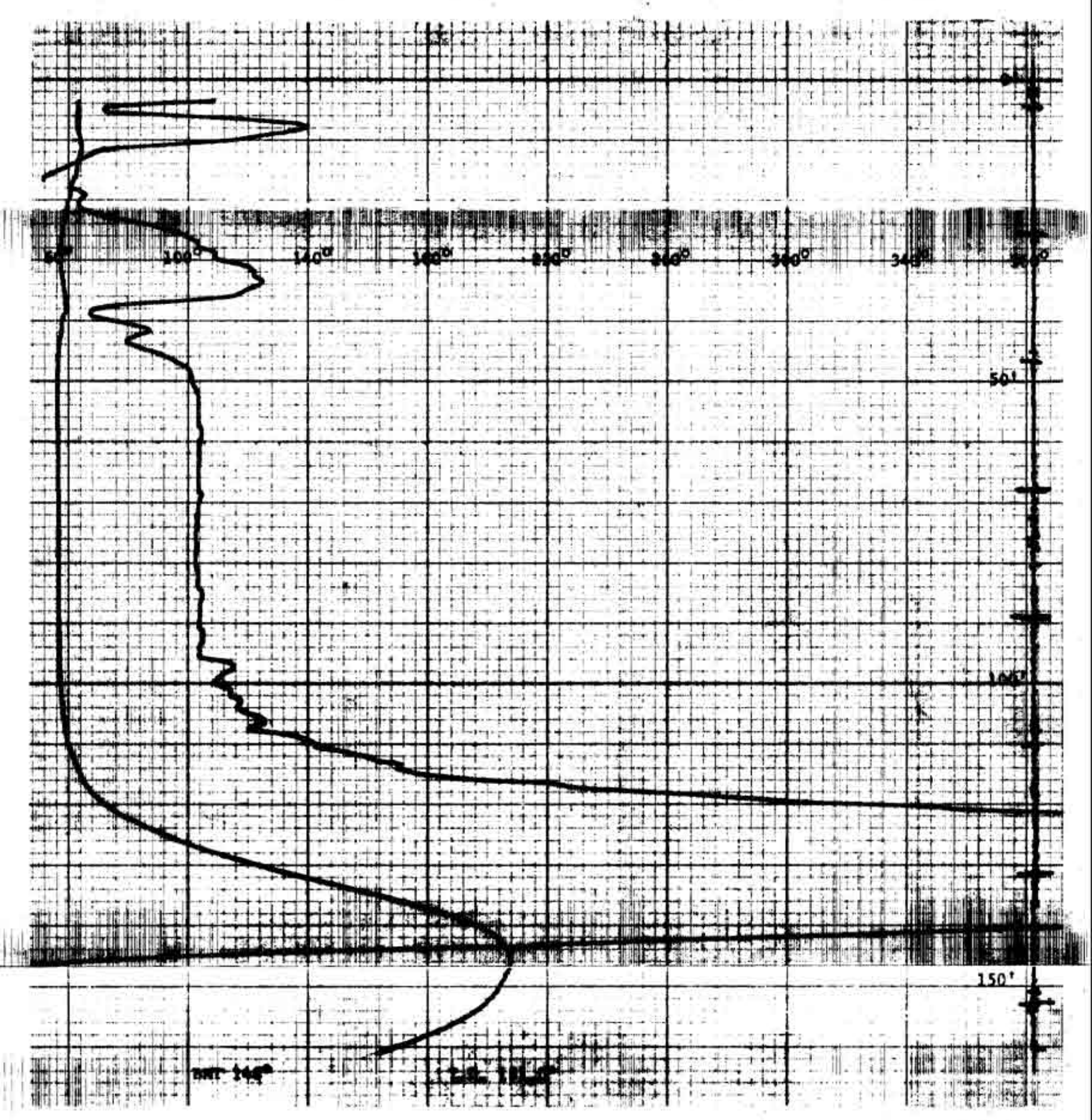
REFERENCE LITERATURE:

REMARKS BOTTOM HOLE TEMPERATURE - 148°

DRILLING CONTRACTOR:

GEOLOGIST:

GRADIENT TEMPERATURE — INCREASE → — DIFFERENTIAL TEMPERATURE — DEPTHS




NO. TO-20

CARMEL ENERGY, INC.

VERNON COUNTY, MISSOURI

OCTOBER 31, 1984

10-31-84 Temp Survey

34-36N-33W