G02422 Permit #21649

**TOP WIRELINE SERVICES, inc.**

P.O. Box 336 - Chanute, Kansas 66720

RECEIVED

NOV 0 , 1984

MO. OIL & GAS COUNCIL

FILING NO.

COMPANY CARMEL ENERGY, INC.

WELL NO. TO-2

FIELD LINNEMAN

COUNTY VERNON COUNTY, MISSOURI

LOCATION: 2211' FWL 1016' FSL

SEC 34 TWP 36N RGE 33W

OTHER SERVICES:

PERMANENT DATUM: G.L. ELEV. 765.3'

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

DRILLING MEASURED FROM G.L.

ELEV.: K.B. D.F. G.L. 765.3'

| | |
|---|---|
| DATE | 10-31-84 |
| RUN NO. | 1 NW |
| TYPE LOG | TEMP SURVEY |
| DEPTH—DRILLER | 155.0' |
| DEPTH—LOGGER | |
| BOTTOM LOGGED INTERVAL | |
| TOP LOGGED INTERVAL | 6.0' |
| 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

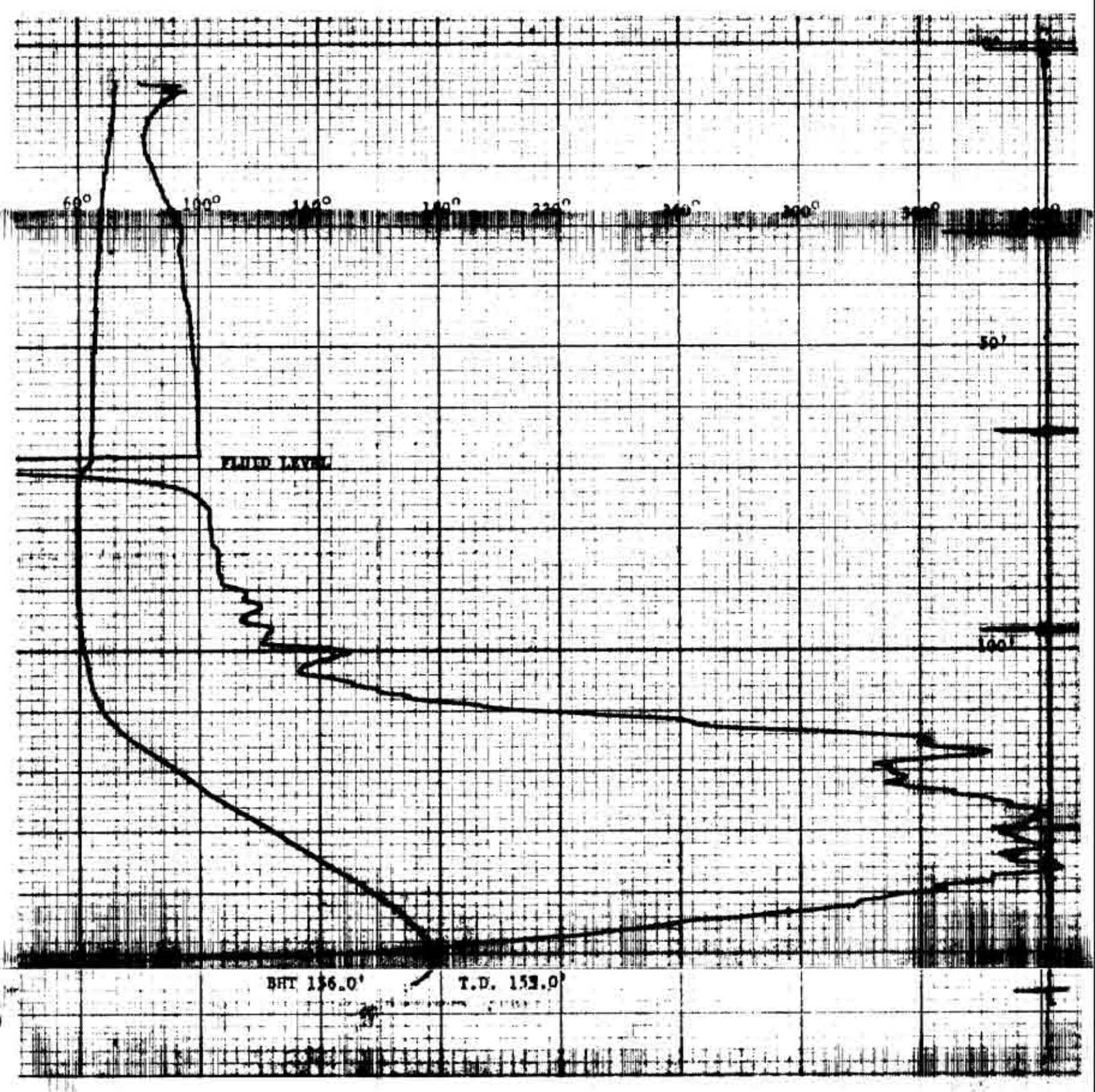
REMARKS BOTTOM HOLE TEMPERATURE - 156°

DRILLING CONTRACTOR:

GEOLOGIST:

**GRADIENT TEMPERATURE** **DIFFERENTIAL TEMPERATURE** DEPTHS

INCREASE →




NO. TO-2

CARMEL ENERGY, INC.

VERNON COUNTY, MISSOURI

OCTOBER 31,1984

10-31-84 Temp Survey

34-36N-33W