G00051

Permit # 20088

**ENERGY RESOURCES, INC.**

Paola, Kansas 66071
P. O. Box 487
913 294-5500

Lawrence, Kansas 66044
1001 Lowe
913 843-1000

FILING NO:

COMPANY: TOWN OIL COMPANY

WELL: NO. 2

FIELD: DUNCAN

COUNTY: CASS CO., MISSOURI

LOCATION: SW4

SEC. 33 TWP. 46N RGE. 33W

OTHER SERVICES: CCL

PERMANENT DATUM: G.L. ELEV.

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

DRILLING MEASURED FROM: G.L.

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

| | | |
|---|---|---|
| DATE | 9-24-80 | 9-24-80 |
| RUN NO. | 1 NW | 1 NW |
| TYPE LOG | GAMMA RAY | NEUTRON |
| DEPTH-DRILLER | 425.0 | 425.0 |
| DEPTH-LOGGER | 250.0 | 250.0 |
| BOTTOM LOGGED INTERVAL | 245.3 | 245.3 |
| TOP LOGGED INTERVAL | 10.0 | 10.0 |
| TYPE FLUID IN HOLE | WATER | WATER |
| SALINITY, PPM Cl | | |
| DENSITY | | |
| LEVEL | FULL | FULL |
| MAX. REC. TEMP. DEG F | | |
| OPERATING RIG TIME | | |
| RECORDED BY | PRATT | PRATT |
| WITNESSED BY | TOWN | TOWN |

| RUN NO. | BORE HOLE RECORD BIT | FROM | TO | CASING RECORD SIZE | WGT. | FROM | TO |
|---|---|---|---|---|---|---|---|
| | 9 7/8" | 0.0 | 20.0 | 2" | | 0 | 20.0 |
| | 5 5/8" | 20.0 | 425.0 | | | | |

OCT 24 1980

MO. OIL & GAS COUNCIL

EQUIPMENT DATA

| | GAMMA RAY | NEUTRON |
|---|---|---|
| RUN NO. | 1 NW | 1 NW |
| LOG TYPE | GR | NEUTRON |
| TOOL MODEL NO. | 705 | 705 |
| DIAMETER | 2 1/16" | 2 1/16" |
| DETECTOR MODEL NO. | 705-GR | 705-NE-3 |
| TYPE | GM | GM |
| LENGTH | 3 3/8" | 3 3/8" |
| DISTANCE TO BH SURFACE | 3.5 | 3.5 |
| CONSOLE MODEL NO. | | 73-3-135 Q |
| SERIAL NO. | | 2 |
| TYPE | | ANTON-201 |
| STRENGTH | | 3 CT |

GENERAL

| | |
|---|---|
| MODEL TRUCK NO. | 0080 |
| INSTRUMENT TRUCK NO. | 0070 |
| LOGS SERIAL NO. | 0002 |

LOGGING DATA

ORIGINAL

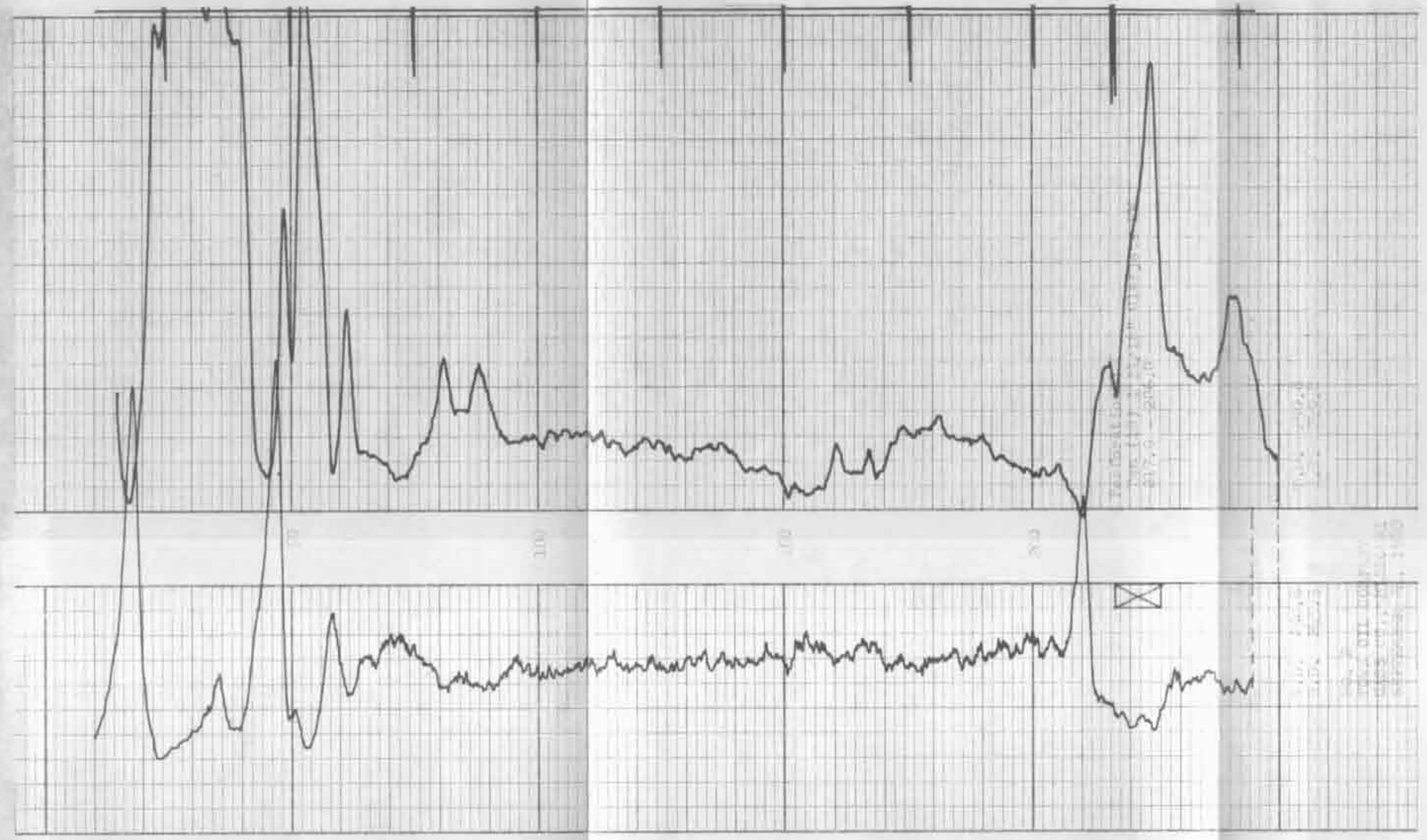
| RUN NO. | DEPTHS FROM | TO | SPEED FT./MIN. | T.C. SEC. | VOLT SENS.-MV. | GAMMA RAY ZERO DIV./DIV. R | API IN UNITS PER LOG DIV. | T.C. SEC. | SENS. DEFLNS. | NEUTRON ZERO DIV./DIV. R | API IN UNITS PER LOG DIV. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 7.3 | 20 | 2.0 | 200/200 | 2.0 | 10 | 1.0 | 500/100 | 0.0 | 20 |

REMARKS: UNLIMITED COMPANY TOOLS

REPEATER

CASING COLLARS

NEUTRON

GAMMA RAY

DEPTH