2D597

# CORNISH

WIRELINE SERVICES, INC.
P.O. DRAWER H
CHANUTE, KANSAS
PHONE 431-1306

## RADIOACTIVITY LOG

FILING NO.

COMPANY PENSE BROTHERS DRILLING COMPANY, INC.
WELL MARKHAM NO. 1-G
FIELD
COUNTY CASS STATE MISSOURI

LOCATION: 1075' FSL 810' FEL SE/4 SE/4
SEC. 5 TWP. 43N RGE. 33W

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.

OTHER SERVICES:

| | | |
|---|---|---|
| DATE | 10-16-96 | 10-17-96 |
| RUN NO. | 1 NW | 1 NW |
| TYPE LOG | GAMMA RAY | NEUTRON |
| DEPTH—DRILLER | | PERFORATE |
| DEPTH—LOGGER | 456.4' | |
| BOTTOM LOGGED INTERVAL | 450.6' | 456.4' |
| TOP LOGGED INTERVAL | 50.0' | 455.4' |
| TYPE FLUID IN HOLE | WATER | 34.0' |
| SALINITY, P.P.M. | | WATER |
| DENSITY | 8.8 lb/gal | |
| LEVEL | FULL | FULL |
| MAX. REC. TEMP. DEG. F. | | |
| EQUIPMENT NO. | CORNISH - J. | CORNISH - J. |
| RECORDED BY | BLANCHETT - B. | BLANCHETT - B. |
| WITNESSED BY | Mr. Gas BLANCHETT | |

DEC 03 1996

| BORE-HOLE RECORD | | | | CASING RECORD | | | |
|---|---|---|---|---|---|---|---|
| RUN NO. | BIT | FROM | TO | SIZE | WGT. | FROM | TO |
| 2 | 9-5/8" | 54' | 54' | 7" | | 0 | 54' |
| 2 | 7-7/8" | 0 | T.D. | 4-1/2" | | 0 | 463' |

FOLD HERE

THIS HEADING AND LOG CONFORMS TO API RP 33

### EQUIPMENT DATA

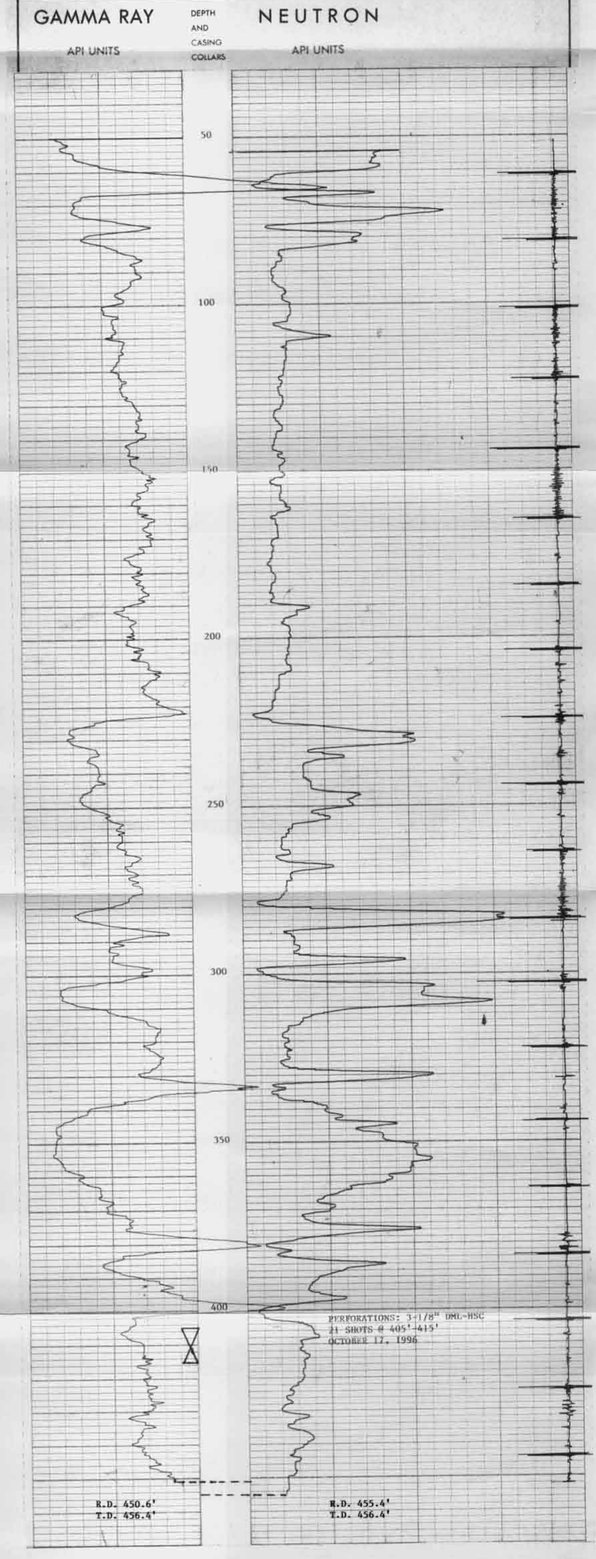
| GAMMA RAY | | | NEUTRON | | |
|---|---|---|---|---|---|
| RUN NO. | 1 NW | | RUN NO. | 1 NW | |
| TOOL MODEL NO. | 9705 | | LOG TYPE | NEU/NEU | |
| DIAMETER | 1-11/16" | | TOOL MODEL NO. | 9205 | |
| DETECTOR MODEL NO. | 95SC | | DIAMETER | 1-11/16" | |
| TYPE | SCINT. | | DETECTOR MODEL NO. | 95HE | |
| LENGTH | 1"X4" | | TYPE | He-3 | |
| DISTANCE TO N. SOURCE | 8.5' | | LENGTH | 1"x6" | |
| GENERAL | | | SOURCE MODEL NO. | ac | |
| HOIST TRUCK NO. | 105 | | SERIAL NO. | mrc415 | |
| INSTRUMENT TRUCK NO. | 105 | | SPACING | 13" | |
| TOOL SERIAL NO. | 1C | | TYPE | Am/Be | |
| | | | 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 | 455.4' | 50' | 25 | 2.5 | 10-.0 | 21 | 20 | 2.0 | 0-.35 | 41 | |

REFERENCE LITERATURE:

REMARKS




MARKHAM NO. 1-G

PENSE BROTHERS DRILLING CO., INC.

CASS COUNTY, MISSOURI

OCTOBER 16, 1996

GAMMA RAY/NEUTRON/PERFORATE

S/43N/33W