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NDO Oil & Gas Coun

MIDWEST SURVEYS
Wireline Logging
Cass County, Missouri

PLANG NO.

COMPANY D.C. Explorations, Inc.
WELL AD-29
FIELD Belton Unit
COUNTY Cass STATE Missouri

PERMIT # 20674

LOCATION: SEC 9 TWP 46N RGE 33W
1980 FSL - 660 FEL

ZONE SERVICE: CCL Perforator

PERMANENT DATUM: G.L.
LOG MEASURED FROM: G.L.
DRILLING MEASURED FROM: G.L.

ELEV. G.L. 966 ft. ABOVE PERM. DATUM
K.B. NA
D.F. NA
G.L. NA

RUN NO. 1
DATE 3-13-2000
DEPTH-DRILLER 1-1,384
DEPTH-LOGGER 1-1,384
BTM. LOG INTERVAL 1-1,380
TOP LOGGED INTERVAL 1-1,380
TYPE FLUID Water
LEVEL Full
MAX. REC. TEMP. DEG. F NA
EQUIP. NO. 3-1
LOCATION Cass, Mo.
RECORDED BY D. Evans
WITNESSED BY D. Evans

BORE HOLE RECORD

| BIT NO. | FROM | TO |
|---|---|---|
| 1 | 0' | 1,384' |

CASING RECORD

| SIZE | WGT. | TO |
|---|---|---|
| 4 1/2" | 9.5# | T.D. |

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. | 102 | LOG TYPE | NEU/NEU |
| DIAMETER | 1 11/16" | TOOL MODEL NO. | 102 |
| DETECTOR MODEL NO. | E-1057 | DIAMETER | 1 11/16" |
| TYPE | SC107, | DETECTOR MODEL NO. | E-1031 |
| LENGTH | 1" x 4" | TYPE | HE-3 |
| DISTANCE TO N. SOURCE | 8.0 | LENGTH | 1" x 4" |
| | | SOURCE MODEL NO. | 71-1 |
| GENERAL | | SERIAL NO. | 71-1-355B |
| NOISE TRUCK NO. | NA | SPACING | 13" |
| INSTRUMENT TRUCK NO. | 102 | TYPE | AM241BE |
| TOOL SERIAL NO. | MO-0001 | STRENGTH | 3 CI |

## LOGGING DATA

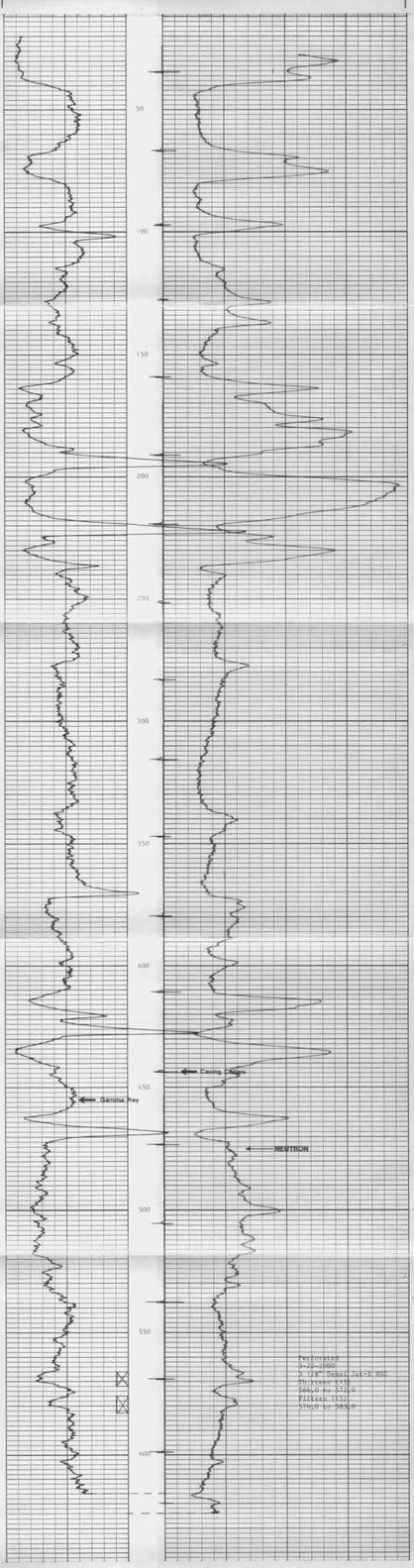
| GENERAL | | | | GAMMA RAY | | | | | NEUTRON | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RUN NO. | DEPTHS FROM | DEPTHS TO | SPEED FT. MIN. | T.C. SEC. | SENS. SETTINGS | ZERO DIV. OR # | API G.R. UNITS PER LOG DIV. | T.C. SEC. | SENS. SETTINGS | ZERO DIV. OR # | API N. UNITS PER LOG DIV. |
| 1 | 20.0 | 624.0 | 20 | 4.0 | 1.85/100 | OL | 10 | 4.0 | 1.35/100 | OL | 20 |

REFERENCE LITERATURE 4 1/2" Cemented

REMARKS D.C. Hughes Drilling Company

BACK SHARE

GAMMA RAY DEPTH NEUTRON
CASING
COLLARS




| | | | |
|---|---|---|---|
| COMPANY | D.C. Exploration, Inc. | GAMMA RAY T.D. | 625.0 |
| WELL | AD-29 | GAMMA RAY R.D. | 616.0 |
| LEASE | Belton Unit | NEUTRON T.D. | 625.0 |
| COUNTY | Cass, Missouri | NEUTRON R.D. | 626.0 |
| DATE | 3-13-2000 | CASING SET @ | 4 1/2" - T.D. |