G11724

**MIDWEST SURVEYS**
LOGGING • PERFORATING • CONSULTING SERVICES
Phone, Kansas 66017
Box 168
913/756-2128

RECEIVED
DEC 04 1991
MO Oil & Gas Council

FILING NO.

COMPANY DEAN SHIDELER
WELL NO. 9-A
FIELD SHIDELER FARMS
COUNTY CASS STATE MISSOURI

PERMIT#20538

LOCATION: 2460.0 FSL - 2250.0 FEL
NE1/4 - NW1/2
SEC 8 TWP 43N RGE 33W

OTHER SERVICES: CCL PERFORATE

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

PERMANENT DATUM G.L. ELEV. NA
LOG MEASURED FROM G.L. FT ABOVE PERM. DATUM
DRILLING MEASURED FROM G.L.

| | | |
|---|---|---|
| DATE | 11-5-91 | 11-5-91 |
| RUN NO. | 1 NW | 1 NW |
| TYPE LOG | GAMMA RAY | NEUTRON |
| DEPTH—DRILLER | NA | NA |
| DEPTH—LOGGER | 279.0 | 279.0 |
| BOTTOM LOGGED INTERVAL | 270.0 | 278.0 |
| TOP LOGGED INTERVAL | 10.0 | 18.0 |
| TYPE FLUID IN HOLE | WATER | WATER |
| SALINITY, PPM CL | NA | NA |
| DENSITY | NA | NA |
| LEVEL | FULL | FULL |
| MAX. REC. TEMP. DEG F. | NA | NA |
| OPERATING RIG TIME | NA | NA |
| RECORDED BY | S. WINDISCH | S. WINDISCH |
| WITNESSED BY | D. SHIDELER | D. SHIDELER |

BORE-HOLE RECORD

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

CASING RECORD

| SIZE | WGT | FROM | TO |
|---|---|---|---|
| 2 7/8 | | 0.0 | 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 | SCINT. | | DETECTOR MODEL NO. | E-1031 | |
| LENGTH | 1" X 4" | | TYPE | HE-3 | |
| DISTANCE TO N. SOURCE | 8.0 | | LENGTH | 1" X 6" | |
| | | | SOURCE MODEL NO. | 71-1 | |
| GENERAL | | | SERIAL NO. | 71-1-355B | |
| HOIST TRUCK NO. | NA | | SPACING | 13" | |
| INSTRUMENT TRUCK NO. | 102 | | TYPE | Am241Be | |
| TOOL SERIAL NO. | MS-0001 | | STRENGTH | 3 CI | |

## LOGGING DATA

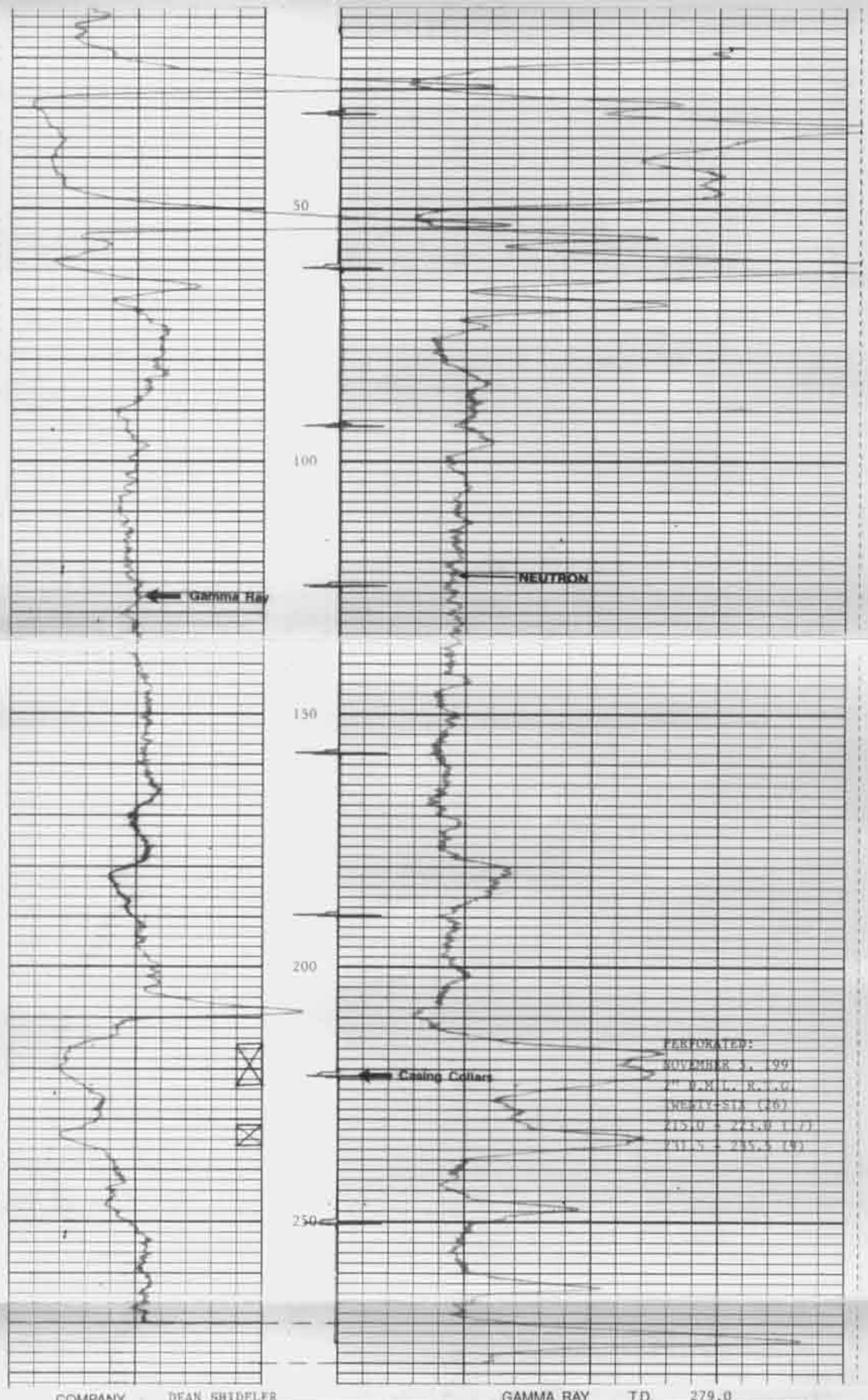
| GENERAL | | | | GAMMA RAY | | | | NEUTRON | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| RUN NO. | DEPTHS FROM | DEPTHS TO | SPEED FT/MIN | T.C. SEC. | SENS. SETTINGS | ZERO DIV. L OR R | API G.R. UNITS PER LOG DIV. | T.C. SEC. | SENS. SETTINGS | ZERO DIV. L OR R | API N. UNITS PER LOG DIV. |
| 1 | 10.0 | 278.0 | 20 | 4.0 | 1.85/100 | OL | 10 | 4.0 | 1.35/100 | OL | 20 |

REFERENCE LITERATURE 2 7/8" CEMENTED

REMARKS D.C. COMPANY TOOLS

NSCO 16140

GAMMA RAY DEPTH NEUTRON
CASING
COLLARS




| | | | | |
|---|---|---|---|---|
| COMPANY | DEAN SHIDELER | GAMMA RAY | T.D. | 279.0 |
| WELL | NO. 9-A | GAMMA RAY | R.D. | 270.0 |
| LEASE | SHIDELER FARMS | NEUTRON | T.D. | 279.0 |
| COUNTY | CASS, MISSOURI | NEUTRON | R.D. | 278.0 |
| DATE | NOVEMBER 5, 1991 | CASING SET @ | | T.D. - 2 7/8" |