

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised 1-1-89

## OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

### APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☐

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☒

b. Type of Well:

OIL  
WELL ☒

GAS  
WELL ☐

OTHER ☐

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

7. Lease Name or Unit Agreement Name

Santa Fe No. 1

2. Name of Operator

M & G Oil, Inc.

8. Well No.

1

3. Address of Operator

P.O. Box 957 Crossroads, New Mexico 88114

9. Pool name or Wildcat

Crossroads Devonian East

4. Well Location

Unit Letter

C

: 660

Feet From The

North

Line and

1943

Feet From The

West

Line

Section

30

Township

9-S

Range

37-E

NMPM

Lea

County

10. Proposed Depth

12,188

11. Formation

Devonian

12. Rotary or C.T.

Well Serv. Unit

13. Elevations (Show whether DF, RT, GR, etc.)

4020' DF

14. Kind & Status Plug. Bond

Statewide

15. Drilling Contractor -

Lucky Well Service

16. Approx. Date Work will start

On approval

17.

### PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP         |
|--------------|----------------|-----------------|---------------|-----------------|------------------|
| 17 1/2"      | 13 3/8"        | 54.5#           | 403'          | 400             | Circ. to surface |
| 12 1/4"      | 8 5/8"         | 36#             | 4351'         | 2900            | 1320'            |
| 8 3/4"       | 5 1/2"         | 17# & 20#       | 12188'        | 1000            | 9050'            |

1. Set CIBP at 12,167' in 5 1/2" casing above old perforations 12,169'-12,179'.
2. Perforate 5 1/2" casing 12,159'-12,164' with 2 JSPF.
3. Acidize if necessary.
4. Swab and test.
5. Put on production.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

*W.M. Groesbeck*

TITLE

President

DATE 1-7-92

TYPE OR PRINT NAME

W.M. Groesbeck

TELEPHONE NO. 675-2478

(This space for State Use)

Paul Kautz  
Geologist

TITLE

DATE

JAN 09 '92

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

JAN 09 1992

OOD HOBBS OFFICE