

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

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

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

JUL 15 1993

API NO. (assigned by OCD on New Wells)

30-015-27558

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Barbados State

8. Well No.

1

9. Pool name or Wildcat

Happy Valley (Delaware)

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 ☐

2. Name of Operator

Collins & Ware, Inc. ✓

3. Address of Operator

303 W. Wall, Ste. 2200, Midland, TX 79701

4. Well Location

Unit Letter I : 1980 Feet From The FSL Line and 660 Feet From The FEL Line

Section 32

Township 22S

Range 26E

NMPM

Eddy

County

10. Proposed Depth

5050'

11. Formation

Delaware

12. Rotary or C.T.

Rotary

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

3334 GR

14. Kind & Status Plug Bond

Blanket

15. Drilling Contractor

-NA-

16. Approx. Date Work will start

Upon Approval

17.

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT         | EST. TOP |
|--------------|----------------|-----------------|---------------|-------------------------|----------|
| 17.5         | 13 3/8         | 48-61           | 350           | 400 "C"                 | Surf.    |
| 11           | 8 5/8          | 24              | 1650          | 425 PO <sub>2</sub> mix | Surf.    |
| 7.875        | 5 1/2          | 15.5            | 5050          | 400 Life                | Surf.    |

Fresh water sands will be protected by setting 13 3/8" csg. at 350' and circulating cement back to surface. First intermediate 8 5/8" csg. will be set at 1650' and cement circulated back to surface. The 5 1/2" production string will be set at 5050' and cement circulated back to surface.

IO-1  
7-23-93  
NL 4 API

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

Max Guerrey

TITLE

Regulatory Manager

DATE

7-14-93

TYPE OR PRINT NAME

TELEPHONE NO.

(This space for State Use)

APPROVED BY

TITLE

GEOLOGIST

DATE

7-16-93

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 1-16-94  
UNLESS DRILLING UNDERWAY