

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONTACT RECEIVING  
OFFICE FOR  
OF COPIES  
(Other instructions on  
reverse side)

BLM Roswell District  
Modified Form No.  
NMD60-3160-2

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Conoco, Inc.

3a. Acre Code & Phone No.  
(915) 686-6548

3. ADDRESS OF OPERATOR

10 Desta Dr. Ste 100W, Midland, TX 79705

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

810' FSL & 2105' FWL

At proposed prod. zone

810' FSL & 2105' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

10. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

13. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

6975'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DP, RT, GR, etc.)

3526'

22. APPROX. DATE WORK WILL START\*

2/15/95

23.

PROPOSED CASING AND CEMENTING PROGRAM

| HOLE SIZE | CASING SIZE | WEIGHT/FOOT | GRADE | THREAD TYPE | SETTING DEPTH | QUANTITY OF CEMENT |
|-----------|-------------|-------------|-------|-------------|---------------|--------------------|
| 12-1/4"   | 8-5/8"      | 24#         | K-55  | ST&C        | 1500'         | 920 sx/circ.       |
| 7-7/8"    | 5-1/2"      | 15.5#       | K-55  | LT&C        | 6975'         | 1940 sx/circ.      |

It is proposed to drill this well according to the drilling plan submitted in the following attachments:

1. Well Location and Acreage Dedication Plat (C-102)
2. Proposed Well Plan Outline
3. Surface Use Plan
4. EXHIBIT A.1 & A.2: Vicinity and Lease Road Maps
5. EXHIBIT B: 7.5" Quadrangle Topo Map
6. EXHIBIT C.1 - C.4: Road, electric line, and flowlines
7. EXHIBIT D: Trailer-mounted Rig Layout
8. BOP and Choke Manifold Specifications
10. H2S Drilling Operations Plan
11. Letter verifying negotiations with surface land owner

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*[Signature]*

TITLE

Sr. Conservation Coordinator

DATE

1/9/95

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*[Signature]*

TITLE

AREA MANAGER

DATE

2-9-95

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

\*See Instructions On Reverse Side

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-10  
Revised February 10, 1991  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                            |                                       |                    |                                   |
|----------------------------|---------------------------------------|--------------------|-----------------------------------|
| API Number<br>30-025-32854 |                                       | Pool Code<br>62965 | Pool Name<br>Warren Blinebry-Tubb |
| Property Code<br>3127      | Property Name<br>WARREN UNIT B-T 10'E |                    | Well Number<br>119                |
| GRID No.<br>005073         | Operator Name<br>CONOCO, INC.         |                    | Elevation<br>3526                 |

10 Surface Location

|                    |               |                  |               |         |               |                  |               |                |        |
|--------------------|---------------|------------------|---------------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot no.<br>N | Section<br>28 | Township<br>20-S | Range<br>38-E | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|                    |               |                  |               |         | 810           | SOUTH            | 2105          | WEST           | LEA    |

11 Bottom Hole Location If Different From Surface

|               |         |          |       |         |               |                  |               |                |        |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|               |         |          |       |         |               |                  |               |                |        |

|                       |                 |                    |           |
|-----------------------|-----------------|--------------------|-----------|
| Dedicated Acres<br>40 | Joint or Infill | Consolidation Code | Order No. |
|                       |                 |                    |           |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|    |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                        |
|----|--|--|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 16 |  |  |  |  | 17 OPERATOR CERTIFICATION<br>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.<br><br>Signature <u>Jerry W. Hoover</u><br>Printed Name <u>Jerry W. Hoover</u><br>Title <u>Conservation Coordinator</u><br>Date <u>1/9/95</u>                                                                                         |
|    |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                        |
|    |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                        |
|    |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                        |
|    |  |  |  |  | 18 SURVEYOR CERTIFICATION<br>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.<br><br>APRIL 12, 1994<br>Date of Survey<br>Signature and Seal of Professional Surveyer: <u>Earl Foote</u><br>Certificate Number <u>8278</u> |
|    |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                        |
|    |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                        |
|    |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                        |

2105'

810'

# PROPOSED WELL PLAN OUTLINE

WELL NAME **WARREN UNIT NO.119**

LOCATION **810' FSL & 2105' FWL SECT. 28 T-20S R-38E LEA CO.**

| TVD<br>IN<br>1000' | MD | FORMATION<br>TOPS &<br>TYPE | DRILLING<br>PROBLEMS                                                                                                                        | TYPE OF<br>FORMATION<br>EVALUATION                     | HOLE<br>SIZE | CASING<br>SIZE DEPTH                                          | FRAC<br>GRAD | FORMATION<br>PRESSURE<br>GRADIENT | MUD<br>WT TYPE      | DAYS |
|--------------------|----|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|--------------|---------------------------------------------------------------|--------------|-----------------------------------|---------------------|------|
| 0                  |    |                             | POSSIBLE HOLE<br>ENLARGEMENT &<br>SLOUGHING                                                                                                 |                                                        | 12-1/4"      |                                                               |              |                                   | 8.4 FRESH           |      |
| 1                  |    | RUSTLER 1430'               |                                                                                                                                             |                                                        | 7-7/8"       | 1500'<br>8-5/8" 24#, K-55, ST&C<br>920 mm, circ               |              |                                   | 10 BRINE            | 3    |
| 2                  |    | BASE SALT 2525'             |                                                                                                                                             | 2500' - TD                                             |              |                                                               |              |                                   |                     |      |
| 3                  |    | YATES 2730'                 |                                                                                                                                             |                                                        |              |                                                               |              |                                   |                     |      |
|                    |    | 7-RIVERS 2985'              |                                                                                                                                             |                                                        |              |                                                               |              |                                   |                     | 5    |
|                    |    | GRAYBURG 3575'              |                                                                                                                                             |                                                        |              |                                                               |              |                                   |                     |      |
| 4                  |    | SAN ANDRES 4040'            |                                                                                                                                             | H2S MONITORS AT 4000'                                  |              |                                                               |              | LESS THAN 8.3                     |                     |      |
| 5                  |    | GLORIETTA 5355'             | POSSIBLE LOST<br>CIRCULATION OR<br>SEEPAGE. W.U.35<br>HAD STUCK PIPE DUE<br>TO DIFFERENTIAL<br>STICKING WHILE<br>DRILLING THRU<br>GLORIETTA |                                                        |              |                                                               |              |                                   |                     | 8    |
| 6                  |    | BLINEBRY 5805'              | POSSIBLE SEEPAGE FROM<br>BLINEBRY - TD                                                                                                      |                                                        |              |                                                               |              |                                   | 9.2 BRINE<br>STARCH | 10   |
|                    |    | TUBB 6315'                  |                                                                                                                                             | GR-CAL-DDL-MSFL FROM<br>2500' - TD                     |              |                                                               |              |                                   |                     |      |
|                    |    | DRINKARD 6605'              |                                                                                                                                             | GR-CAL-FDC-CNL-PE<br>FROM 2500' - TD                   |              |                                                               |              |                                   |                     |      |
| 7                  |    | TD 6975'                    |                                                                                                                                             | D1-Electric<br>BRING GR-CAL TO SURFACE<br>ON ONE SUITE |              | 6975'<br>5 1/2" 15.5#, K-55, LT&C<br>1940 mm, attempt to circ |              | LESS THAN 8.3                     |                     | 17   |
| 8                  |    |                             |                                                                                                                                             |                                                        |              |                                                               |              |                                   |                     |      |

DATE 5 January, 1995

APPROVED

DRILLING ENGINEER

DIVISION DRILLING SUPERVISOR

WELL NAME: Warren Unit No. 119

C E M E N T I N G      P R O G R A M

SURFACE CASING STRING

|           |                                                 |     |       |          |          |             |     |
|-----------|-------------------------------------------------|-----|-------|----------|----------|-------------|-----|
| LEAD      | <u>650</u>                                      | sxs | Class | <u>C</u> | Mixed at | <u>13.7</u> | ppg |
| Additives | <u>4 % Gel + 2 % CaCl<sub>2</sub> + .2% SMS</u> |     |       |          |          |             |     |
| TAIL      | <u>270</u>                                      | sxs | Class | <u>C</u> | Mixed at | <u>14.8</u> | ppg |
| Additives | <u>2 % CaCl</u>                                 |     |       |          |          |             |     |

PRODUCTION CASING STRING

1st STAGE

|           |                                    |     |       |          |          |             |     |
|-----------|------------------------------------|-----|-------|----------|----------|-------------|-----|
| LEAD      | <u>100</u>                         | sxs | Class | <u>C</u> | Mixed at | <u>12.8</u> | ppg |
| Additives | <u>65:35:6 BJ Lite, .2 % SMS</u>   |     |       |          |          |             |     |
| TAIL      | <u>400</u>                         | sxs | Class | <u>C</u> | Mixed at | <u>14.8</u> | ppg |
| Additives | <u>1 % BAIO, .2 % SMS, 1 % A-7</u> |     |       |          |          |             |     |

2nd STAGE

|           |                                    |     |       |          |          |             |     |
|-----------|------------------------------------|-----|-------|----------|----------|-------------|-----|
| LEAD      | <u>690</u>                         | sxs | Class | <u>C</u> | Mixed at | <u>12.8</u> | ppg |
| Additives | <u>65:35:6 BJ Lite, .2 % SMS</u>   |     |       |          |          |             |     |
| TAIL      | <u>750</u>                         | sxs | Class | <u>C</u> | Mixed at | <u>14.8</u> | ppg |
| Additives | <u>1 % BAIO, .2 % SMS, 1 % A-7</u> |     |       |          |          |             |     |

ANTICIPATED BOTTOM HOLE PRESSURE:    2000 psi

RECEIVED

W. J. HUBBS  
OFFICE

# BOP SPECIFICATIONS

