

N.M. OIL OPER. OGRID NO. 5073

BOX PROPERTY NO. 3122

UNITED N

DEPARTMENT OF POOL CODE 63080

BUREAU OF LAND EFF. DATE 9/14/95

N.M. Roswell District
Modified Form No.
NMD60-3160-2

APPLICATION FOR PERMIT TO DRILL NO. 3D-025-33047

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. Area 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

2160' FSL & 660' FWL

At proposed prod. zone

2160' FSL & 660' FWL

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

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLYING FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

6925'

20. ROTARY OR CABLE TOOLS

Rotary

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

3537'

22. APPROX. DATE WORK WILL START*

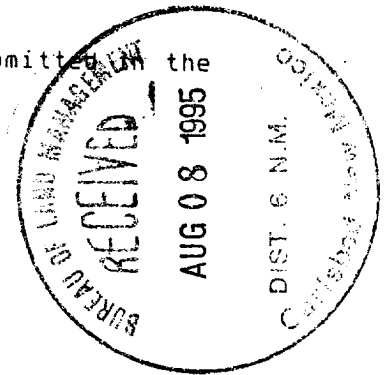
9/11/95

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' | 900 sx/circ. |
| 7-7/8" | 5-1/2" | 15.5# | K-55 | LT&C | 6925' | 1380 sx/circ. |

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

1. Well Location and Acreage Dedication Plat (C-102)
2. Proposed Well Plan Outline
3. Cementing Program
4. Surface Use Plan
5. EXHIBIT A: Vicinity and Lease Road Maps
6. EXHIBIT B: 7.5" Quadrangle Topo Map
7. EXHIBIT C.1 - C.2: Pipeline and Electric line plats
8. EXHIBIT D: Trailer-mounted Rig Layout
9. BOP and Choke Manifold Specifications
10. H2S Drilling Operations Plan
11. Letter verifying negotiations with surface land owner
12. Archeological survey has been ordered & will be filed as soon as completed.



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

8/7/95

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

[Signature]

TITLE

Area Manager

DATE

SEP 07 1995

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

*See Instructions On Reverse Side

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OFFICE

Form C-10
Revised February 21, 196
Instructions on bac
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | |
|---|--------------------------------|---------------------|-------------------------------|---------------------|
| 'API Number 30-025- 33097 | | 'Pool Code 63080 | 'Pool Name Warren Drinkard | |
| 'Property Code 3122 003127 | 'Property Name WARREN UNIT | | | 'Well Number 122 |
| 'OGRID No. 005073 | 'Operator Name CONOCO, INC. | | | 'Elevation 3537' |

¹⁰Surface Location

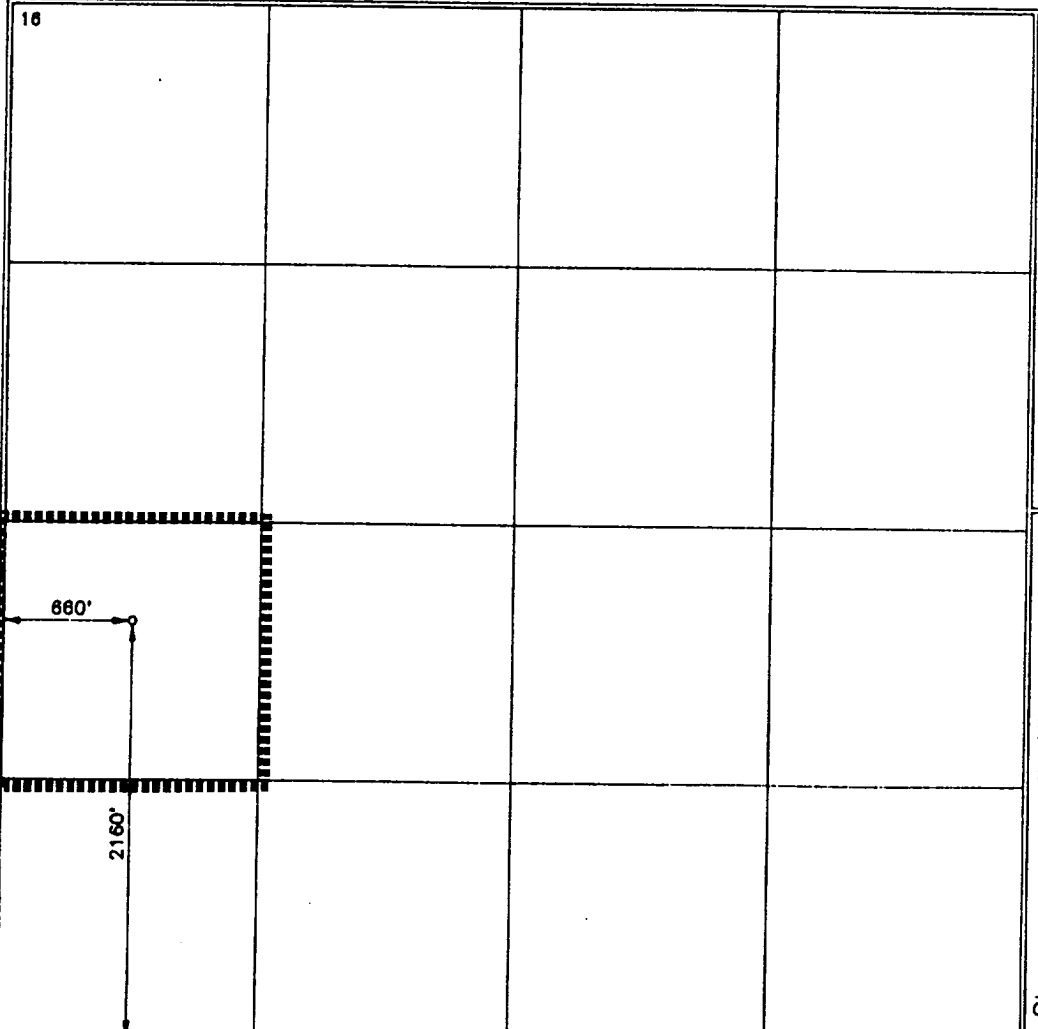
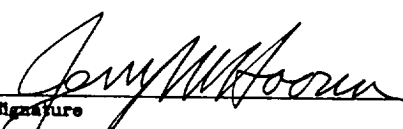


| | | | | | | | | | |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| L | 27 | 20-S | 38-E | | 2160 | SOUTH | 660 | 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 | "Joint or Infill | "Consolidation Code | "Order No. |
| 40 | | | |

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

| | | |
|---|--|--|
| <div>16</div>  | <div>17 OPERATOR CERTIFICATION</div> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <div><div></div><div>SIGNATURE</div></div> <div>JERRY W. HOOVER</div> <div>Printed Name</div> <div>SR. CONSERVATION COORDINATOR</div> <div>Title</div> <div>8/7/95</div> <div>Date</div> | |
| | <div>18 SURVEYOR CERTIFICATION</div> <p>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 best of my belief.</p> <div>APRIL 12 1995</div> <div>Date of Survey</div> <div><div></div><div>SIGNATURE AND SEAL</div></div> <div></div> <div>Certificate Number</div> <div>8278</div> | |

we amended location

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PROPOSED WELL PLAN OUTLINE

WELL NAME **WARREN UNIT NO. 122**

LOCATION **2160' FSL & 660' FWL SECT. 27 T-20S R-38E LEA CO.**

| TVD IN 1000' | MD | FORMATION TOPS & TYPE | DRILLING PROBLEMS | TYPE OF FORMATION EVALUATION | HOLE SIZE | CASING SIZE DEPTH | FRAC GRAD | FORMATION PRESSURE GRADIENT | WT | MUD TYPE | DAYS |
|--------------------|----|--|--|--|--------------|--|--------------|-----------------------------------|------|-----------------|------|
| 0 | | | POSSIBLE HOLE ENLARGEMENT & SLOUGHING | | 12-1/4" | | | | 8.4 | FRESH | |
| 1 | | RUSTLER 1430' | | | 7-7/8" | 8-5/8" 1500' 24#, K-55, ST&C 920 sz, c/s cmt | | | 10 | BRINE | 3 |
| 2 | | BASE SALT 2525' YATES 2718' | | 2-man mudloggers 2500' - TD | | | | | | | |
| 3 | | 7-RIVERS 2976' QUEEN 3534' PENROSE 3690' GRAYBURG 3864' | | | | | | | | | 5 |
| 4 | | SAN ANDRES 4030' | | H2S MONITORS AT 4000' | | | | LESS THAN 8.3 | | | |
| 5 | | GLORIETTA 5370' | POSSIBLE LOST CIRCULATION OR SEEPAGE W.U.35 HAD STUCK PIPE DUE TO DIFFERENTIAL STICKING WHILE DRILLING THRU GLORIETTA | | | | | | | | 8 |
| 6 | | BLINEBRY 5754' | POSSIBLE SEEPAGE FROM BLINEBRY - TD | | | | | | 10.1 | BRINE STARCH | 10 |
| 7 | | TUBB 6347' DRINKARD 6608' ABO 6888' TD 6925' | | GR-CAL-DDL-MSFL FROM 2500' - TD GR-CAL-FDC-CNL-PE FROM 2500' - TD Di-Electric BRING GR-CAL TO SURFACE ON ONE SUITE | | 5-1/2" 6925' 15.5#, K-55, LT&C 1380 sz, c/s cmt (Cover Blinebry w/Tail) | | LESS THAN 8.3 BHP = 2100 psi | | | 17 |
| 8 | | | | | | | | | | | |

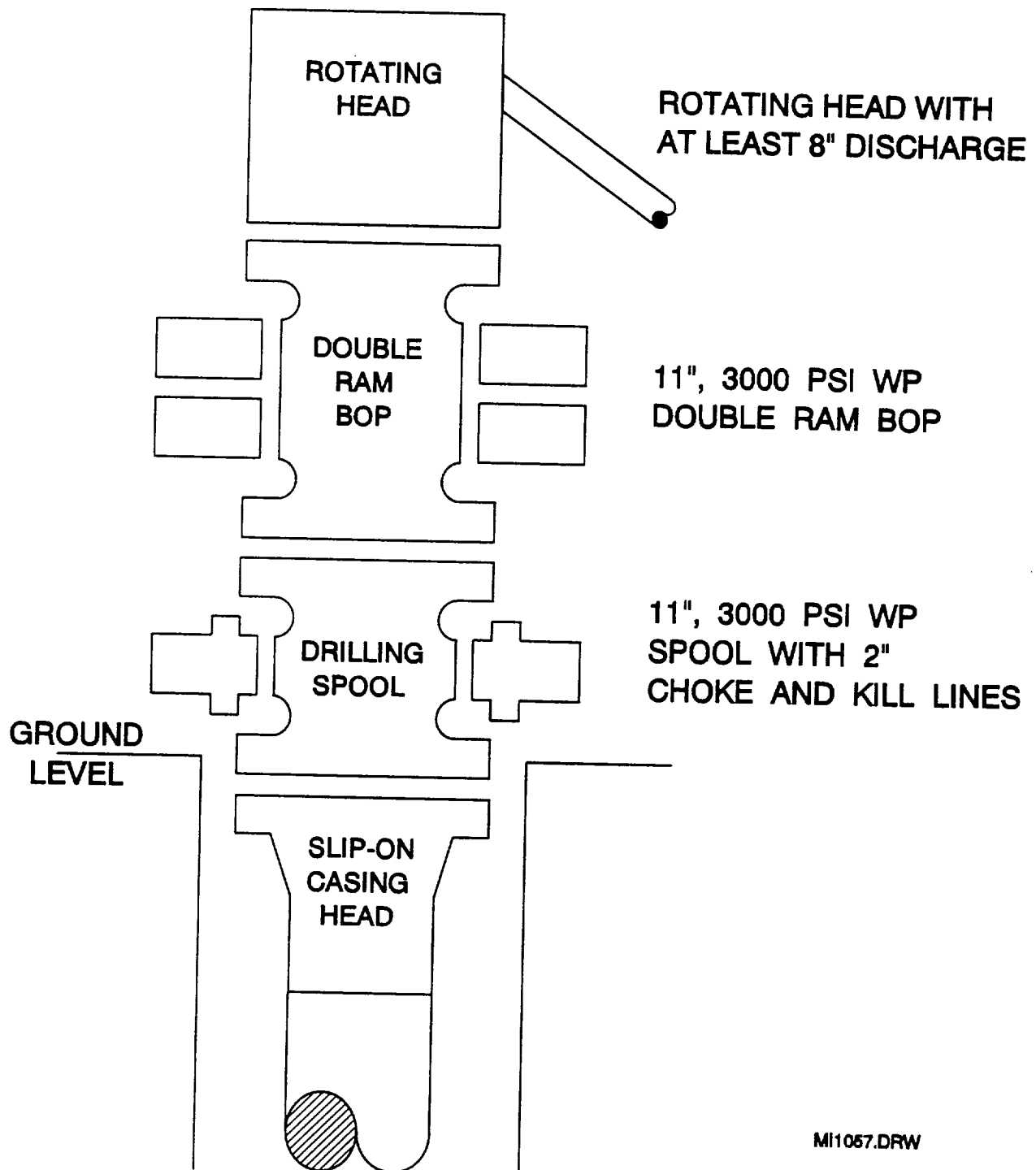
DATE July 12, 1995

APPROVED BILLY GOODWIN
DRILLING ENGINEER

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BOP SPECIFICATIONS



MI1057.DRW

12/15/85

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