

OPER. OGRID NO. 5023  
PROPERTY NO. 3127  
DEPARTMENT 62965  
BUREAU 4/10/97  
APPROVAL DATE 4/10/97  
API NO. 32-D25-33917

ICATE\*  
(Instructions on  
the side)

FORM APPROVED  
OMB NO. 1004-0136  
Expires February 28, 1995

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER ☐

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Conoco Inc.

a. ADDRESS AND TELEPHONE NO

10 Desta Dr. Ste 100W, Midland, Tx. 79705-4500 (915) 686-6548

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

At surface

1310 FNL & 10 FWL

At proposed prod. zone

1310 FNL & 10 FWL Unit D

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

5. LEASE DESIGNATION AND SERIAL NO

LC 0634580

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

7 UNIT AGREEMENT NAME

8. FARM OR LEASE NAME WELL NO

Warren Unit B1-T<sub>2</sub> WF

9. API WELL NO

213

10. FIELD AND POOL, OR WILDCAT

Warren Blinebry-Tubb

11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 34, T-20S, R-38E

12 COUNTY OR PARISH

Lea

13. STATE

NM

5. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if Any)

16 NO OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

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

19. PROPOSED DEPTH

6750'

20. ROTARY OR CABLE TOOLS

Rotary

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

3518' GR

22. APPROX. DATE WORK WILL START\*

5/1/97

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	K-55 8-5/8"	#24	1500'	705 sxs, circ.
7-7/8"	K-55 5-1/2"	#15.5	6750'	1250 sxs, circ.

It is proposed to drill a vertical wellbore as an infill Blinebry-Tubb producer according to the plan submitted in the follow attachments:

**LEA COUNTY CONTROLLED WATER BASIN**

1. Well Location and Acreage Dedication Plat (C-102)
2. Proposed Well Plan Outline
3. Surface Use Plan
4. EXHIBIT A: Vicinity and Lease Road Map
5. EXHIBIT B: 7.5 " Quadrangle Topo Map.
6. EXHIBITS C.1 - C.5: Road, pipeline, & electric line plat
7. EXHIBIT D: Trailer-mounted rig layout
8. BOP & Choke Manifold Specifications
9. H2S Drilling Operations Plan.
10. Surface Owner Settlement Letter

An archeological survey will be submitted as soon as completed.

Even though this is normally an unorthodox location, as an infill location in a secondary recovery project it will automatically be approved as orthodox according to recently revised NMOCD Rule 104.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen 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 Jerry W. Hoover TITLE Sr. Conservation Coordinator DATE 3/6/97

(This space for Federal or State office use)

PERMIT NO

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY SPRIGGS, TONYA L. FERGUSON TITLE ADM, MINERALS DATE 4-7-97

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



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-102  
Revised February 21, 1994  
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 30-025-33917		*Pool Code 62965	*Pool Name Warren Blinebry-Tubb
*Property Code 003127	*Property Name WARREN UNIT BI-TU WF		*Well Number 213
*OGRID No. 005073	*Operator Name CONOCO INC.		*Elevation 3518'

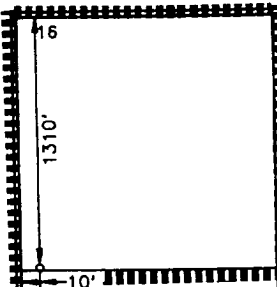
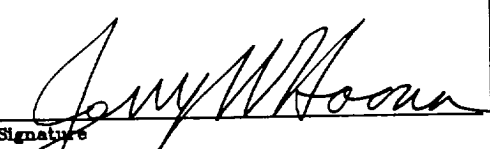
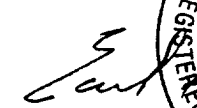
<sup>10</sup> Surface Location

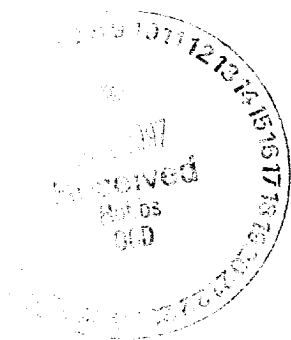
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	34	20-S	38-E		1310	NORTH	10	WEST	LEA

<sup>11</sup> 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 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

				<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature:  Printed Name: JERRY W. HOOVER Title: SR. CONSERVATION COORDINATOR Date: 3/6/97	
				<sup>18</sup> SURVEYOR CERTIFICATION 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.  Date of Survey: JANUARY 22, 1997 Signature and Seal of Professional Surveyor:  Certificate Number: 8278	



# PROPOSED WELL PLAN OUTLINE

WELL NAME  
LOCATION

**WARREN UNIT B-T NO. 213**  
**1310' FNL & 10' FWL, SEC. 34, 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	MUD WT	MUD TYPE	DAY
0			POSSIBLE HOLE ENLARGEMENT AND SLOUGHING		12-1/4"				NORMAL	8.4 - 9.5	FRESH	
1		RUSTLER 1430'	WASHOUTS IN SALT SECTION F/1400' - 2700'		7-7/8"	8-5/8" 24#, K-55, ST&C 705 sx, circ cmt	1500'			10	BRINE	3
2				MUDLOGGERS ON @ 2600'								
3		YATES 2720' SEVEN RIVERS 2975'										
4		QUEEN 3537' PENROSE 3680'		H2S MONITOR ON @ 3500'								
5		GRAYBURG 3860' SAN ANDRES 4080'	POSSIBLE LOSSES AND SEEPAGE TO TOTAL DEPTH						LESS THAN 8.3			6
6		GLORIETA 5345'	CASES OF DIFFERENT STICKING THROUGH GLORIETA									
7		BLINEBRY MKR. 5812' TUBB 6299' DRINKARD 6671' TD @ 6750'		GR-CAL-DLL-MLL and FDC-CNL-PE-Spect GR 2700'-TD. Pull GR-CAL-CNL to surface. Only run SG across Blinebry-Tubb		5-1/2" 15.5#, K-55, LT&C 1250 sx, circ cmt	6750'		LESS THAN 8.3 BHP = 2650 psi	10	STARCH- GEL@TD	15
8												

DATE

11 NOV 1996

APPROVED

Roger Williamson  
DRILLING ENGINEER

Joe Miller  
RESERVOIR ENGINEER



**Well Name** : Warren Unit #213

**Location** : 1310' FNL & 10' FWL Sec 34, T-20S, R-38E, Lea County, New Mexico

**Casing Program** :

**Surface** 8 5/8" casing in 12 1/4" Hole at 1500 ft.

**Production** 5 1/2" casing in 7 7/8" Hole at 6750 ft.

**Cementing Program** :

**Surface**

**Lead** 505 sacks Class C Mixed at 12.7 ppg  
**Additives** 35:65:6 (Poz:Cem:Gel) + 2% CACL2  
+ 0.25 pps Cello-Flake

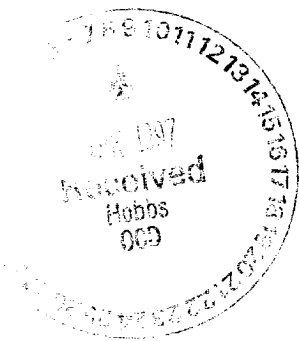
**Tail** 200 sacks Class C Mixed at 14.8 ppg  
**Additives** 2% A-7P

**Production**

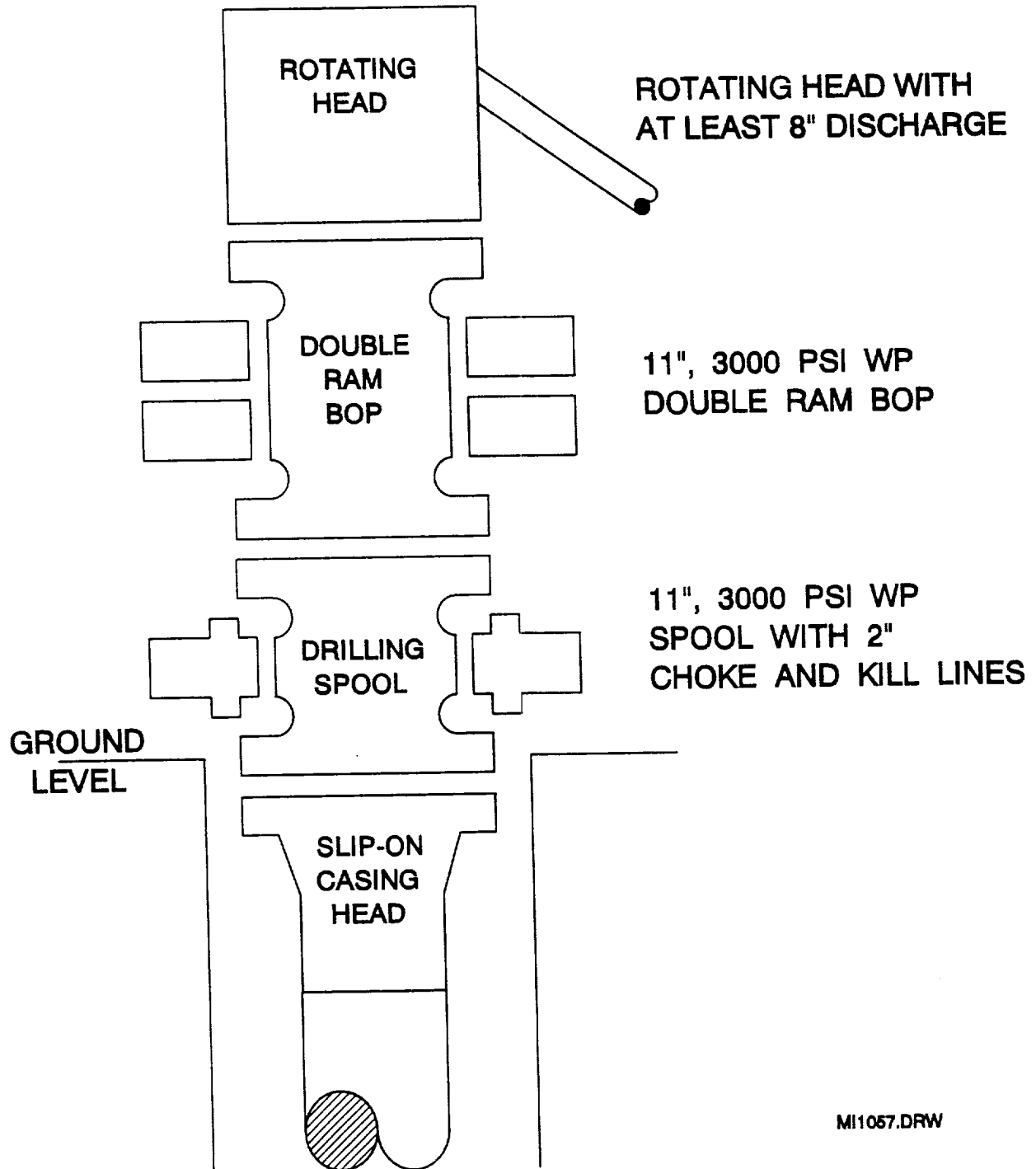
**Lead** 585 sacks Class C Mixed at 12 ppg  
**Additives** 16% Gel + 2% Salt + 0.3% CD-32 + 0.3% SMS

**Tail** 665 sacks Class C Mixed at 14.8 ppg  
**Additives** 1.1% FL-62 + 2% BA-90 + 3% Salt + 0.3% CD-32  
+ 0.2% SMS

**Free Water** 0 % **Fluid Loss** 80 cc/30 min.



# BOP SPECIFICATIONS





LB/SC/L