

OPEN. UGMD NO. 2213
PROPERTY NO. 3122
POOL CODE 96343
EFF. DATE 6/14/95
API NO 30-025-33486

ICATE* FORM APPROVED
NO. 1004-0136
Expires: February 28, 1995

**UNITED
DEPARTMENT
BUREAU OF LAND**

APPLICATION FOR PERMIT

1a. TYPE OF WORK

DRILL ☒

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER ☐

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Conoco, Inc.

(915) 686-6548

3. ADDRESS AND TELEPHONE NO.

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 1750' FNL & 2120' FWL

At proposed prod. zone 1750' FNL & 2120' 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 drig. 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 APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH
4650'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3540

22. APPROX. DATE WORK WILL START*
6/15/96

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	420'	350 circulated
7-7/8"	5-1/2"	15.5#	4650'	935 circulated

It is proposed to drill a vertical wellbore through the San Andres according to the plan submitted in the following attachments:

- Well Location and Acreage Dedication Plat (C-102)
- Proposed Well Plan Outline.
- Surface Use Plan
- EXHIBIT A: Vicinity and Lease Road Maps
- EXHIBIT B: 7.5" Quadrangle Topo Map.
- EXHIBIT C: Trailer-mounted rig layout
- BOP and Choke Manifold Specifications.
- H2S Drilling Operations Plan
- Letter verifying negotiations with surface land owner.
- An archeological survey has been ordered and will be filed as soon as completed.
- An archeological survey has been ordered and will be filed as soon as completed.

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

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. Brown TITLE Sr. Conservation Coordinator DATE 5/6/96

(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:

(ORIG. SGD.) RICHARD L. MANUS

Area Manager

APPROVED BY _____

TITLE _____

DATE 6-10-96

*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

1 API Number 30-025-150100		2 Pool Code 96343		3 Pool Name Warren San Andres		
4 Property Code 003122		5 Property Name WARREN UNIT			6 Well Number 133	
7 OGRD No. 005073		8 Operator Name CONOCO, INC.			9 Elevation 3540'	

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	28	20-S	38-E		1750	NORTH	2120	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

12 Dedicated Acres 40	13 Joint or Infill	14 Consolidation Code	15 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

	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <u>Jerry W. Hoover</u> Printed Name: <u>JERRY W. HOOVER</u> Title: <u>SR. CONSERVATION COORDINATOR</u> Date: <u>5/7/96</u>	
	18 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: <u>DECEMBER 8, 1995</u> Signature and Seal of Professional Land Surveyor: <u>Earl Foote</u> Certificate Number: <u>8278</u>	

PROPOSED WELL PLAN OUTLINE

WELL NAME
LOCATION

WARREN UNIT NO. 133
1750' FNL & 2120' FWL, SEC.28, 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 & SLOUGHING		12-1/4"					8.4	FRESH	
1		RUSTLER 1430'			7-7/8"	8-5/8" 24#, K-55, ST&C 350 sxs circ	420"					
2		BASE SALT 2546'										
		YATES 2688'							LESS THAN 8.3			
3		7-RIVERS 2941'										5
		QUEEN 3511'										
		PENROSE 3663'										8
		GRAYBURG 3850'										
4		SAN ANDRES 4119'										
		TD = 4650'		GR-CAL-DDL-MSFL from 2500' - TD GR-CAL-FDC-CNL-PE from 2500' - TD RFT's, Numar? bring GR-CAL to SURFACE ON ONE SUITE		5 1/2" 15.5#, K-55, LT&C 935 sxs, attempt to circulate	4650		BHP = 1400 psi			14
5												
6												
7												
8												

DATE 29 April, 1996

APPROVED Billy Goodwin
DRILLING ENGINEER

Well Name : Warren Unit #133

Location : 1750' FNL & 2120' FWL Sec 28, T-20S, R-38E, Lea County, New Mexico

Casing Program :

Surface 8 5/8" casing in 12 1/4" Hole at 420 ft.

Production 5 1/2" casing in 7 7/8" Hole at 4650 ft.

Cementing Program :

Surface

Lead 250 sacks Class C Mixed at 13.7 ppg
Additives 4% Gel + 2% A7P + 0.2% Sodium Metasilicate

Tail 100 sacks Class C Mixed at 14.8 ppg
Additives 2% A-7P

Production

Lead 455 sacks Class C Mixed at 12 ppg
Additives 16% Gel + 3% Salt + 0.3% CD-32 + 0.3% SMS

Tail 480 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

