

N.M. OIL COMS. COMMISSION
P.O. BOX 980
HOBBS, N.M. 88240
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN TRIPLICATE*
(Other 11. sections on
reverse side)FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. LC 031695B	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Conoco, Inc.		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. 10 Desta Dr. Ste 100W, Midland, TX 79705		8. FARM OR LEASE NAME, WELL NO. Warren Unit No. 131	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2100' FSL & 990' FEL At proposed prod. zone 2100' FSL & 990' FEL		9. API WELL NO. 30-025-33473	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Warren San Andres	
13. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 28, T-20S, R-38E	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		12. COUNTY OR PARISH Lea	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3535'		13. STATE NM	
16. NO. OF ACRES IN LEASE		17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
19. PROPOSED DEPTH 4650'		20. ROTARY OR CABLE TOOLS Rotary	
22. APPROX. DATE WORK WILL START* 6/15/96		23. 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: Power line plat
- EXHIBIT D: Trailer-mounted rig payout
- BOP and Choke Manifold Specifications
- H2S Drilling Operations Plan
- Letter verifying negotiations with surface land owner.
- An archeologic survey has been ordered and will be filed as soon as completed.

OPER. OGRID NO. 5073PROPERTY NO. 3122POOL CODE 96343EFF. DATE 6-11-96API NO. 30-025-33473

Attached to
this application are
the following documents and
agreements:
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

TITLE

Sr. Conservation Coordinator

DATE

4/29/96

(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:

APPROVED BY

(ORIG. SGD.) RICHARD L. MANIS

TITLE

DATE

*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., Artec, 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- 33473		'Pool Code 96343		'Pool Name Warren San Andres	
'Property Code 003122		'Property Name WARREN UNIT			'Well Number 131
'OGRID No. 005073		'Operator Name CONOCO, INC.			'Elevation 3535'

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
1	28	20-S	38-E		2100	SOUTH	990	EAST	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 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 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> JERRY W. HOOVER Printed Name SR. CONSERVATION COORDINATOR Title 4/26/96 Date
					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. DECEMBER 8, 1995 Date of Survey Signature and Seal of Professional Surveyor Certificate Number 8278

PROPOSED WELL PLAN OUTLINE

WELL NAME
LOCATION

WARREN UNIT NO. 131
2100' FSL & 990' FEL, 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"		420"			8.4	FRESH	
1		RUSTLER 1430'			7-7/8"	8-5/8" 24#, K-55, ST&C 350 sxs circ						
2		BASE SALT 2546' YATES 2704'								10	BRINE STARCH	3
3		7-RIVERS 2960' QUEEN 3519' PENROSE 3663' GRAYBURG 3853'							LESS THAN 8.3			5
4		SAN ANDRES 4062' 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			8
5												14
6												
7												
8												

DATE 23 April, 1996

APPROVED Billy Goodwin
DRILLING ENGINEER

Well Name : Warren Unit #131

Location : 2100' FSL & 990' FEL 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

