

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPER. OGRID NO. 5075

PROPERTY NO. 31

POOL CODE 96343

EFF. DATE 6/14/96

API NO. 30-025-3348

LOCATION 10 MEXICO-88740
FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

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

2180' FSL & 2200' FWL

At proposed prod. zone 2180' FSL & 2200' 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 drg. 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.)

3530'

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:

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 Maps
5. EXHIBIT B: 7.5" Quadrangle Topo Map.
6. EXHIBITS C.1 & C.2: Road and powerline right-of-ways.
7. EXHIBIT D: Trailer-mounted rig layout
8. BOP and Choke Manifold Specifications
9. H2S Drilling Operations Plan
10. Letter verifying negotiations with surface land owner.
11. An archeological survey has been ordered and will be filed as soon as completed.

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
STIPULATIONS

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 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:

APPROVED BY

JERRY M. HOOPER

TITLE

Sr. Conservation Coordinator

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., 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 30-025-74454		*Pool Code 96343	*Pool Name Warren San Andres
*Property Code 003122	*Property Name WARREN UNIT		*Well Number 132
*OGED No. 005073	*Operator Name CONOCO, INC.		*Elevation 3530'

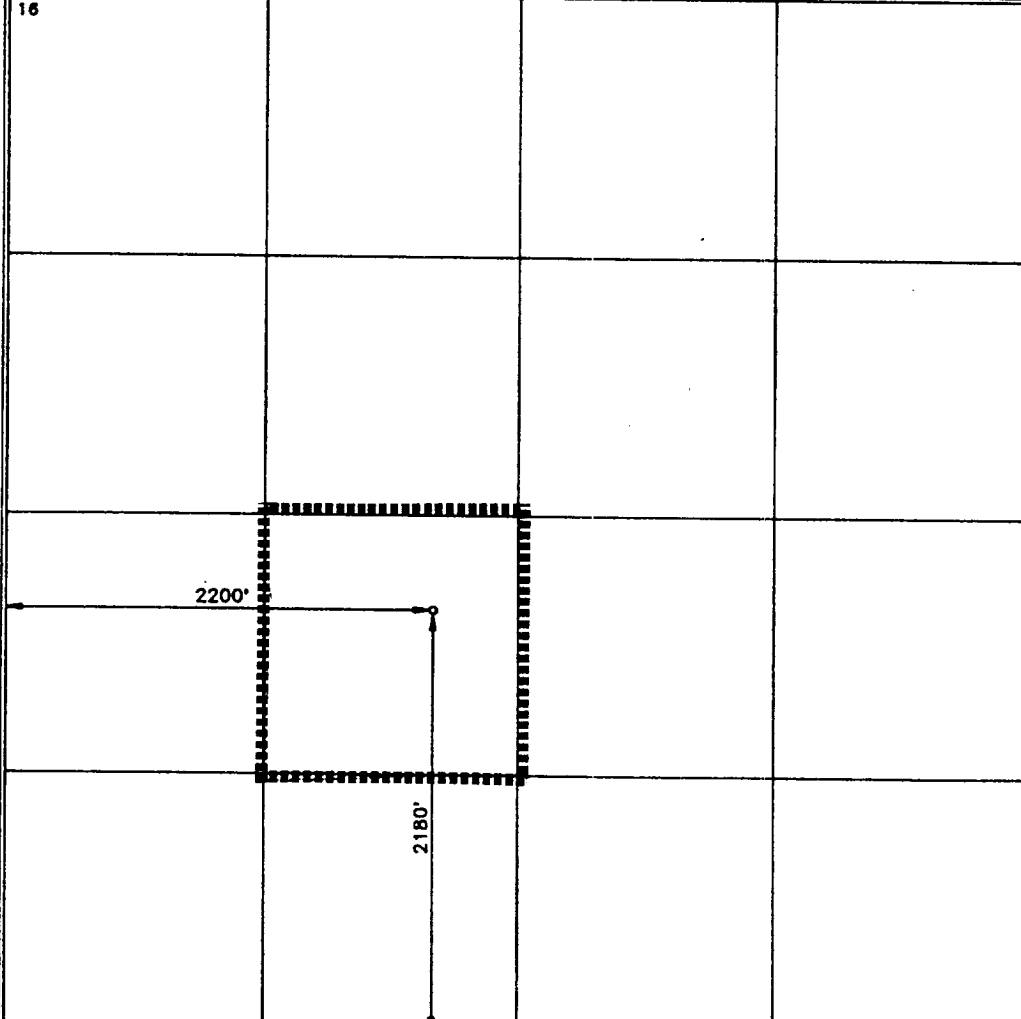
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	28	20-S	38-E		2180	SOUTH	2200	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 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

<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> <p><i>Jerry W. Hoover</i> Signature JERRY W. HOOVER Printed Name SR. CONSERVATION COORDINATOR Title 5/7/96 Date</p>	
	<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> <p>DECEMBER 8, 1995 Date of Survey Signature and Seal of Professional Surveyor: <i>Earl Foote</i> Certificate Number 8278</p> <div>EARL FOOTE NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR 8278</div>	

PROPOSED WELL PLAN OUTLINE

WELL NAME

WARREN UNIT NO. 132

LOCATION

2180' FSL & 2200' 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 2686'							LESS THAN 8.3			
3		7-RIVERS 2949'										5
		QUEEN 3513'										
		PENROSE 3663'										8
		GRAYBURG 3852'										
4		SAN ANDRES 4112'										
		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 #132

Location : 2180' FSL & 2200' 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

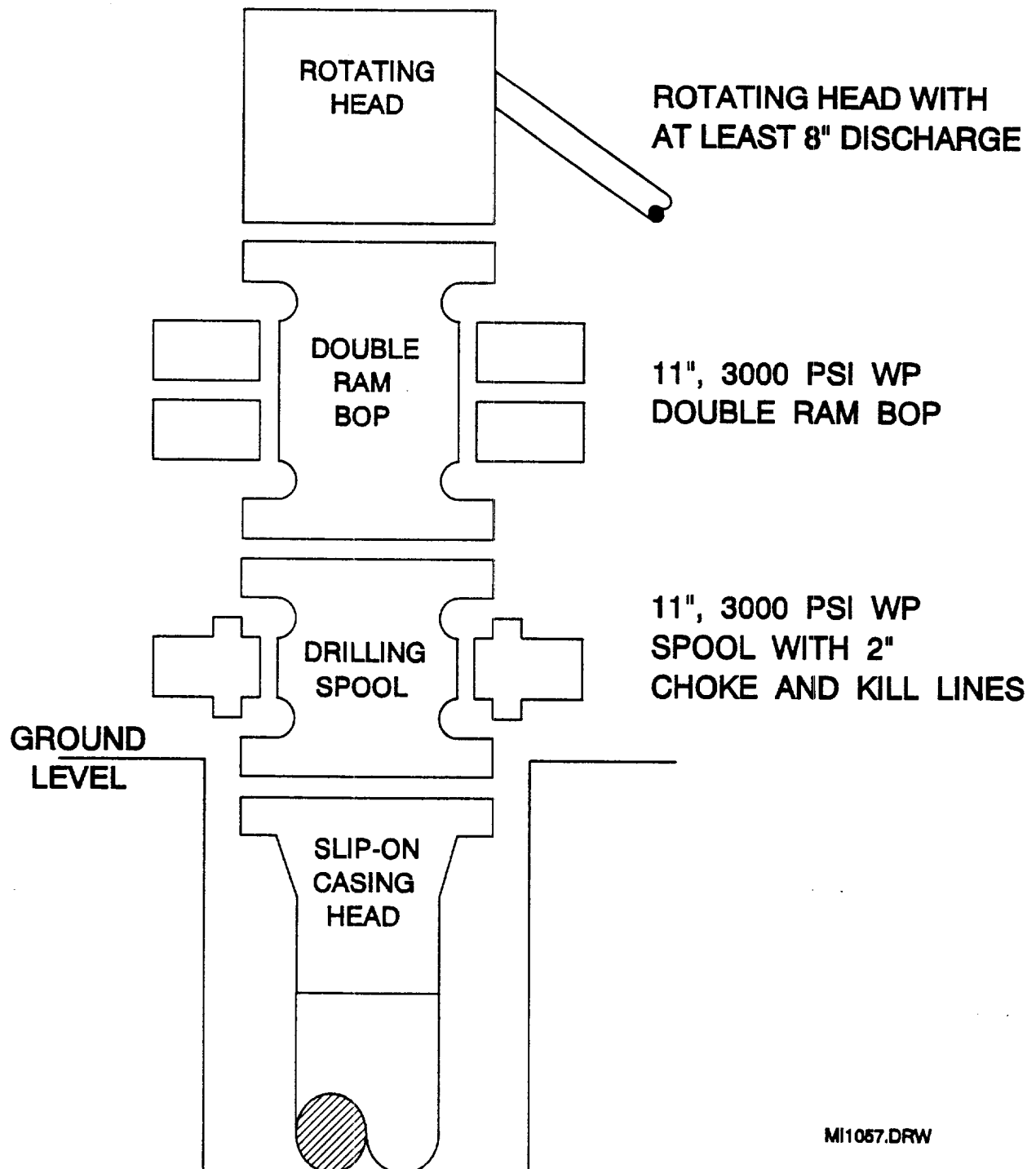
Production

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



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State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
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Form C-10.

Revised February 21, 1994

instructions on back

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Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-33485		2 Pool Code 96812		3 Pool Name Warren Seven Rivers Gas (96812)	
4 Property Code 003122		5 Property Name Warren Unit			6 Well Number #132
7 OGRID No. 005073		8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			9 Elevation 3524

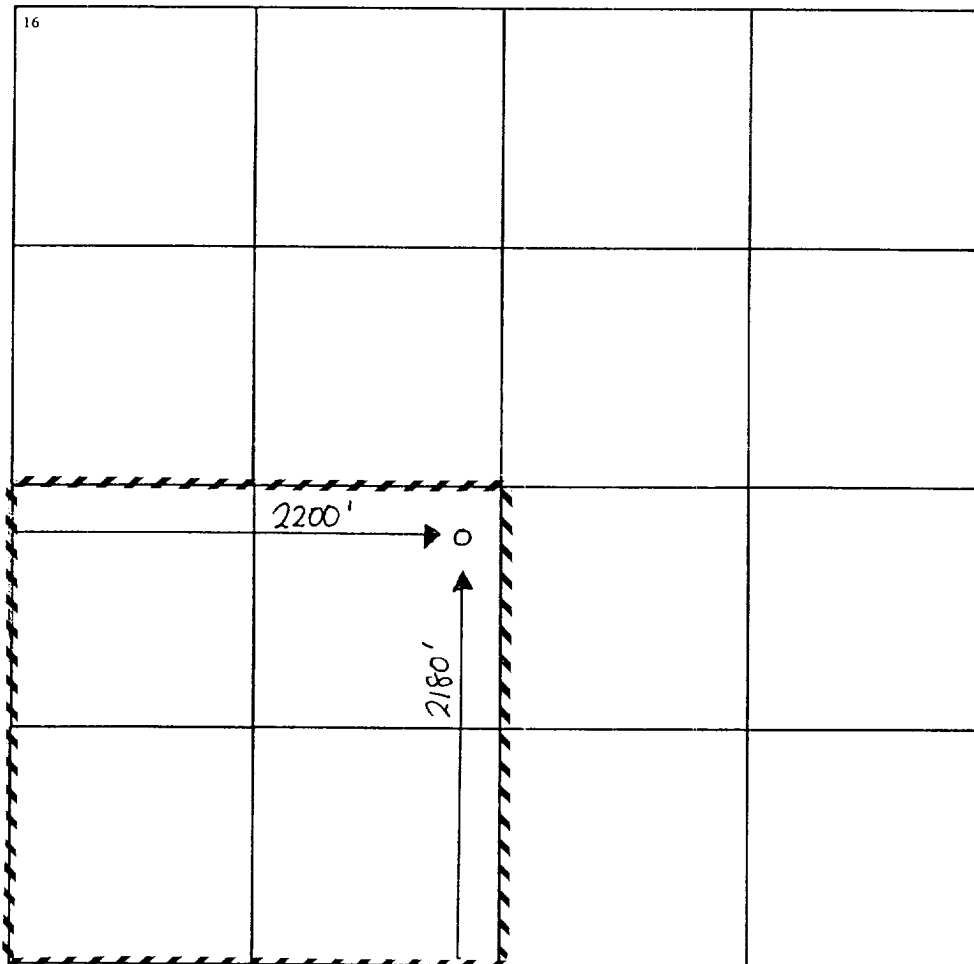
10 Surface Location

UL or lot no. K	Section 28	Township 20S	Range 38E	Lot Idn	Feet from the 2180	North/South line South	Feet from the 2200	East/West line West	County Lea
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11 Bottom Hole Location If Different From Surface

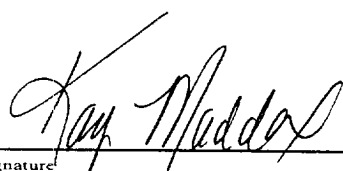
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 160		13 Joint or Infill		14 Consolidation Code		15 Order No. NSL-4582			

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	Kay Maddox
Printed Name	Regulatory Agent
Title	April 6, 2001
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 the best of my belief.

Date of Survey	
Signature and Seal of Professional Surveyor:	
Certificate Number	