

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		6. LEASE DESIGNATION AND SERIAL NO. LC 031695B	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Conoco, Inc.		7. UNIT AGREEMENT NAME	
(915) 686-6548		8. FARM OR LEASE NAME, WELL NO. Warren Unit No. 128	
3. ADDRESS AND TELEPHONE NO. 10 Desta Dr. Ste 100W, Midland, TX 79705		9. API WELL NO. 30-025-	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 915' FSL & 890' FEL		10. FIELD AND POOL, OR WILDCAT Wildcat Yates/7Rvrs/Qn	
At proposed prod. zone 915' FSL & 890' FEL		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 28, T-20S, R-38E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		12. COUNTY OR PARISH Lea	
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		13. STATE NM	
16. NO. OF ACRES IN LEASE		17. NO. OF ACRES ASSIGNED TO THIS WELL 160	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS Rotary	
19. PROPOSED DEPTH 3850'		22. APPROX. DATE WORK WILL START* 6/1/96	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3532'		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#	3850'	950 circulated

It is proposed to drill a vertical wellbore as a wildcat test of intervals in the Yates, 7 Rivers, and Queen formations. It will be drilled & equipped according to the following:

- 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
- HQS Drilling Operations Plan
- Letter verifying negotiations with surface land owner.
- An Archeological survey has been ordered and will be filed as soon as it is completed.

OPER. OGRID NO. 5012
PROPERTY NO. 3122
POOL CODE
EFF. DATE 6/14/96
API NO. 30-025-33073

Subject to
General Requirements and
Special Regulations
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 James M. Brown TITLE Sr. Conservation Coordinator DATE 4/11/96
(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 /s/ TIMOTHY J. BURKE TITLE Acting Area Manager DATE 6-5-96

*See Instructions On Reverse Side

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-10
Revised February 21, 199
Instructions on bac.
Submit to Appropriate District Office
State Lease - 4 Copie
Fee Lease - 3 Copie

☐ AMENDED REPOR

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025- 53483	¹ Pool Code	¹ Pool Name Wildcat Yates/7 Rivers/ Queen
¹ Property Code 003122	¹ Property Name WARREN UNIT	¹ Well Number 128
¹ OGRID No. 005073	¹ Operator Name CONOCO, INC.	¹ Elevation 3532'

¹⁰ Surface Location

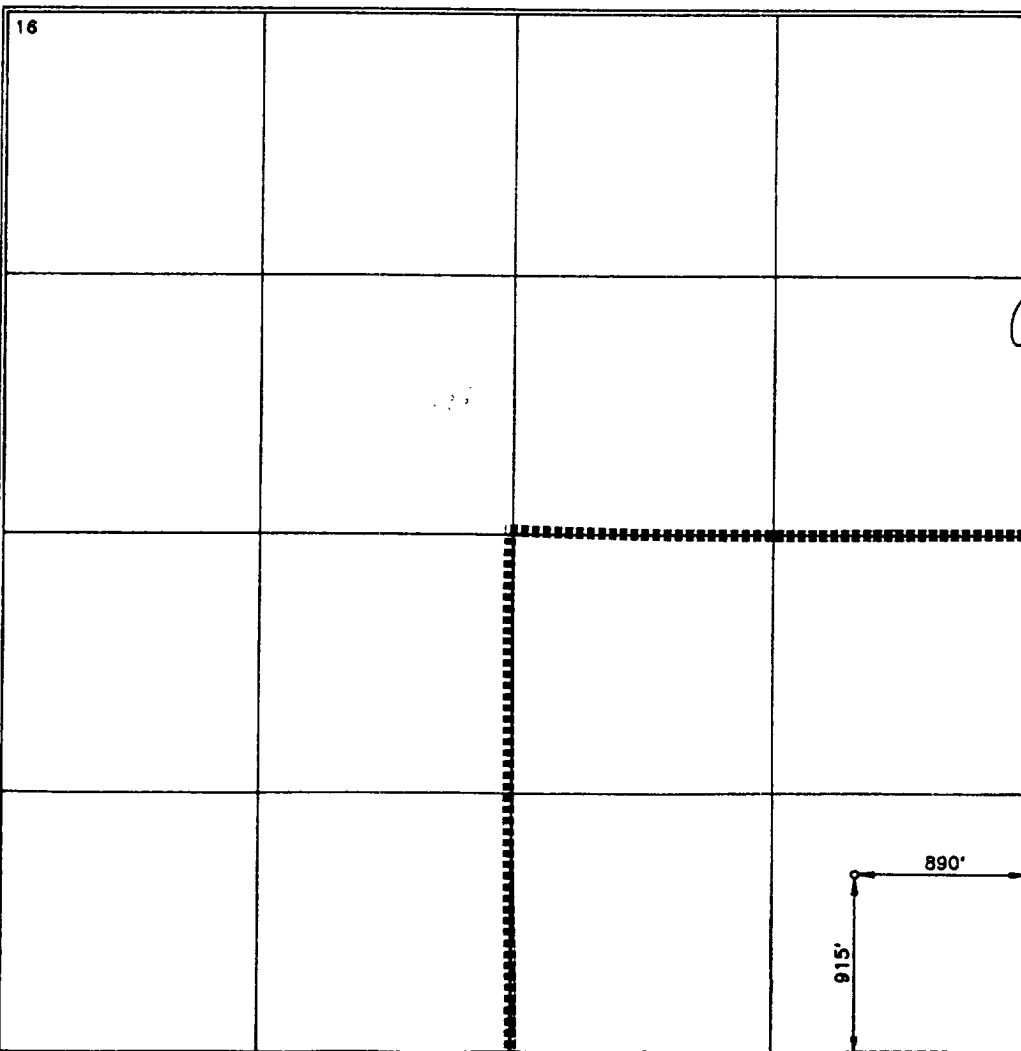
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	28	20-S	38-E		915	SOUTH	890	EAST	LEA

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

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

Jerry W. Hoover
Signature
JERRY W. HOOVER

Printed Name
SR. CONSERVATION COORDINATOR

Title
3/22/96

Date

¹⁸ SURVEYOR CERTIFICATION

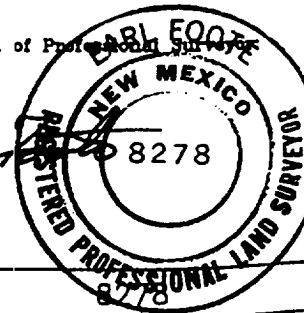
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to best of my belief.

DECEMBER 8, 1995

Date of Survey

Signature and Seal of Professional Surveyor

Earl E. Foose
8278
Certificate Number
8778



PROPOSED WELL PLAN OUTLINE

WELL NAME
LOCATION

WARREN UNIT NO. 128
915' FSL & 840' 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				10	BRINE STARCH	3
2		BASE SALT 2546'							LESS THAN 8.3			
3		YATES 2693'										
4		7-RIVERS 2943'										5
5		QUEEN 3519'										
6		PENROSE 3663'										
7		GRAYBURG 3834'										
8		TD 3850'		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 830 sxs, attempt to circulate	3850		BHP = 1200 psi			8

DATE

18 March, 1996

APPROVED

Billy Goodwin

DRILLING ENGINEER

Well Name : Warren Unit #128

Location : 915' FSL & 840' 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 3850 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 500 sacks Class C Mixed at 12 ppg
 Additives 16% Gel + 3% Salt + 0.3% CD-32 + 0.3% SMS

Tail 450 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

