N.M. OIL COP'A. COMMISSION

Form 3160-3 P.O. BOX 196 (July 1999) P.O. BOX 196 (July 1999) P.O. BOX 196 (Commonly 9-331C) HOBBS NEW MEXICO STATES

RECULINED (Other inscructions on reverse side)

OFFICE OF NAMES 30-025- 32494

MH Rosvell District Modified Form No. NMD60-3160-2

	DEP	ARIMENT OF	THE INTERIC)R		5 18488 50000			
BUREAU OF LAND MANAGEMENT						LC 03169	NATION AND SERIAL NO.		
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK						6. IF INDIAN, ALLOTTER OR TRIBE NAME			
1a. TTPE OF WORK						-			
b. TTPE OF WELL	DRILL 🗵	D	EEPEN 🗆	PLUG BA	ok □	7. UNIT AGES			
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Conoco, Inc				(915) 686-	6548	9. WELL NO.			
3. ADDRESS OF OPERA						112			
		W, Midland, T)		Page Lagrange & S		- }	POOL OR WILDCAT		
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At proposed prod.	****			1 1 6		AND SURVEY	F OR AREA		
		nebry-Tubb/Dri		Init 6	1	Sec. 28, T-20S, R-38E			
14. DIRTANCE IN MIL	SA AND DIRECT	TON FROM NEAREST TO	FN OR POST OFFICE®				PARISH 13. STATE		
10. DISTANCE FROM P			18. No. 00	ACRES IN LEAGE	17. NO.	OF ACRES ASSISTED	NM		
LOCATION TO NEA PROPERTY OR LEA (Also to Bearest	BB LIFE, FT.	16			70 1	HIS WELL	40		
13. DISTANCE PROM I	BOLOSES FOCY	TION*	19. PROPOS	IED DEPTH	20. ROT	ART OR CABLE TOO	1.6		
OR APPLIED FOR, OR	THIS LEADS, F	l.	69	775 ′	<u> </u>	Rotary			
21. SLEVATIONS (Show	whether DF. I	II. GR. etc.)	Lea County Con	rolled Water Re	ein	22. APPROX. D	ATE WOLE WILL START"		
3540.41			Lea County Con	TOTAL WATER DE	18111	5/1	/94		
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12-1/4" 8-3/4"	9-5/8"	36#	K-55		ST&C		700 sx/circ		
- A-3/4	7"	23#	K-55	LT&C		69751	1220 sx/cir		
plan submi 1. Well L 2. Attach 3. Propose 4. Surfac 5. EXHIBI 6. EXHIBI 7. EXHIBI 10. EXHIBI 11. BOP Sp 12. H2S Dr N ARRYS SPACE PERSE POPULATION. If proposes is reventer program. If	tted in to cation a ment to Fed Well P P USE Pla F A: New F B.1: W S B.3: T C.1-C.7 D: Rigerification of the drill or declary.	Mexico road mease road & we ell Location M7.5" Quandragi Flowline an Layout Plan ons erations Plan PROGRAM: If program pea directionally, give	ittachments: lication Plat lap ll location m lap e Topo Area M d powerline p	(C-102) paps lap lats	warmt pred	FEB S	M. Color productive septia. Give blowout		
(This space for F	ederal or State	office une)							
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Form C-102 Revised 1-1-89

OIL CONSERVATION DIVISION

<u>DISTRICT I</u> P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

WELL LOCATION AND ACREAGE DEDICATION PLAT

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 67410 All Distances must be from the outer boundaries of the section

Operator	CONOCO	INC.	Lease	WARREN UN	ΙΤ	Well No. 112	
Unit Letter	Section	Township	Range	WWW.Eit Oil		County	
G	28	20 SOUTH		38 EAST	NMPM	LEA	
Actual Footage Loc	ation of Well:	·				<u> </u>	
	1 11 0 III CILC	RTH line and	1980		eet from	the EAST line	
Ground Level Elev			Pool	Qual T	- / /	Dedicated Acreage:	
3540.4'	Blinebry			Blinebry-T		40 Acres	
 Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? 							
Yes	∐ No	If answer is "yes" type					
If answer is "no this form necess		nd tract descriptions which	have actually	been consolidated. ((Use reve	rse side of	
No allowable w	rill be assigned to	the well unit all interest rd unit, eliminating such i				itization, unitization, forced-pooling.	
					T	OPERATOR CERTIFICATION	
						I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.	
			-1930'-			Signature Chan Moore Fristed Name Verry W. Hoover	
	+ 	3541.9', 3540.9'	3536.5			Position Sr. Conservation Coordinates Company Conoco Inc. Date 2/22/94 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 supervison, and that the same is true and correct to the best of my knowledge and belief.	
	+			 		JUNE 29, 1993 Signature & Seal of Professional Surveyor	
						Certificity No. John W WEST. 3739 GARY L. ONALD EIDSON 3239 GARY L. ONALD TOURS 7917	
0 330 660	990 1320 1650	1980 2310 2640 2	000 1500	1000 500	0	Partinhal 5.90 S	

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ATTACHMENT TO FORM 3160-3 APPLICATION FOR PERMIT TO DRILL

Conoco Inc.

Warren Unit No. 112 Sec. 28, T-20S, R-38E Lea County, New Mexico

- 1. The estimated tops of important geologic markers are shown on the attached Proposed Well Plan Outline.
- 2. The estimated depths at which anticipated water, oil, gas or other mineral-bearing formations to be encountered are shown on the attached Proposed Well Plan Outline.
- 3. A drawing of Blowout Preventer Specifications is attached. Pipe rams and blinds will be checked to the working pressure of the stack or 70% of the minimum internal yield strength of the casing whichever is less. BOP will be checked when casing string is set.
- 4. The proposed casing program is as follows:

0-1500': 9-5/8" 36# K-55 0-6975': 7" 23 K-55

5. The proposed mud program is as follows:

0-1200': 8.4# Fresh

1500'-5600': 10.0# Saturated Brine 5600'-6975': 9.2# Brine w/starch

- 6. The logging suite will include the following open-hole logs:
 - 1) GR-CAL-DLL-MSFL-CNL-LDT from TD-2500' and 2) CBIL from TD-2500'. A temperature survey will be run to determine the top of cement on each casing string where cement is not circulated.
- 7. Special Drilling Problems:
 - a) Lost circulation 4000'-5000'.
 - b) Possible differential sticking 5000'-5500'.
- 8. The anticipated starting date is 5-1-94 with a duration of approximately 17 days.

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PROPOSED WELL P. IN OUTLINE

WELLNAME WARREN UNIT NO.112

1930'FNL 1980'FEL SECT. 28 T-20S R-38E LEA CO.

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APPROVED	
DRILLING ENGINEER	DIVISION DRILLING SUPERVISOR



APR 2 0 1994

SURFACE USE PLAN Conoco Inc.

Warren Unit No. 112

The following is required information concerning the possible effect which the drilling of this well may have on the environment, existing road sites, and surrounding acreage. A copy will be posted on the derrick floor so all contractors and sub-contractors will be aware of all items of this plan.

1. Existing Roads

- A. The proposed well site is 1930' FNL & 1980' FEL, Sec. 28, T-20S, R-38E, Lea County, New Mexico.
- B. Exhibit "A" is a portion of a New Mexico road map and Exhibit "B.2" a lease road map showing existing roads. Directions to the location are as follows:

From Hobbs go south on Hwy. 18 to mile marker 39. Turn west and go 2-1/2 miles, then turn north for 1/4 mile to location.

C. No improvement or maintenance is anticipated for the existing roads.

2. Planned Access Roads

- A. No new access road will be required.
- B. No turnout will be required.
- C. No culverts will be required.
- D. No gates, cattleguards, or fences will be required.

3. <u>Location of Existing Wells</u>

See Exhibit "B.2"

4. Topographic Map and Well Location

A 7.5" quandrangle topo map of the area is included as Exhibit "B.3".

5. <u>Location of Proposed Facilities if Well is Productive</u>

Blinebry-Tubb production will be moved by flowline to Warren Unit Blinebry-Tubb Battery No. 3 and Drinkard production to Warren Drinkard Battery No. 5 for facility treatment, storage and sales.

6. Water Supply

Fresh water will be secured from the City of Eunice and brine from McCaslands water station in Eunice. All water will be trucked from Eunice, north on highway 18. The route will go north on highway 18 to mile marker 39 and then followed the above described route to location.

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7. Source of Construction Materials

Caliche will come from the pit located in the NW NE Sec. 15, T-20S, R-38E.

8. Methods of Handling Waste Disposal

Waste Disposal: Well cuttings will be disposed in reserve pit. Barrel trash containers to be in accessible locations within drill site area during drilling and completion procedures. All detrimental waste will be hauled away. See Exhibit "D" for location of pits. If well is productive, maintenance waste will be placed in special trash cans and hauled away periodically. Any produced water will be collected in tanks until hauled to an approved disposal system, or separate disposal applications will be submitted to survey for appropriate approval.

9. Ancillary Facilities

See Exhibits "C.1-C.7" for flowlines, and powerline plats.

10. Wellsite Layout

See Exhibit "D". The V-door faces east. The reserve pit will be lined with plastic and the pad and pits are staked.

11. Plans for Restoration of Surface

Pits will be backfilled and leveled to original condition when they are dry. Commencement of rehabilitation operations will immediately follow removal of drilling and completion equipment from location and rehabilitation of the surface is planned to be completed within 45 days from commencement.

12. Surface Ownership

Federal.

13. Other Information

An archaeological survey will be done on Federal Land crossed by the flowlines and powerline in Sec. 28.

14. Operator's Representative and Certification

The person who can be contacted concerning compliance of this Surface Use Plan is:

Jerry W. Hoover 10 Desta Drive West Midland, Texas 79705 (915) 686-6548

APR 20 1994

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drilling site; that I am familiar with the conditions which currently exist; that the statements made in this plan, are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Conoco Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Gary L. Smith, Drilling Manager

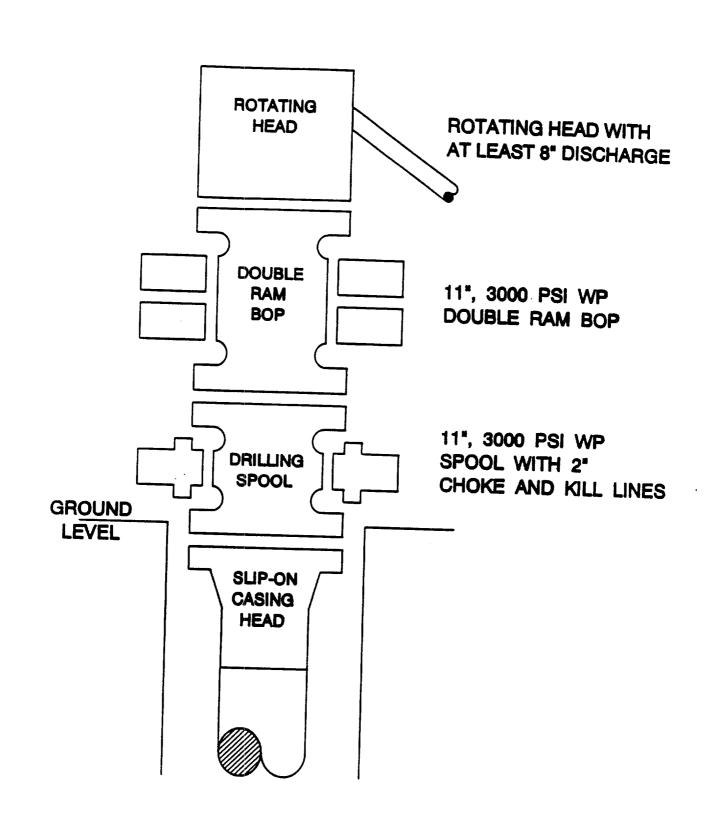
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Date

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