

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Conoco Inc. 5073

3. ADDRESS AND TELEPHONE NO

10 Desta Dr. Ste 100W, Midland, Tx. 79705-4500 (915) 686-6548

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *)

At surface

798 FSL & 712 FEL

At proposed prod. zone

798 FSL & 712 FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

5. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if Any)

16 NO OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

8. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

7946'

20. ROTARY OR CABLE TOOLS

Rotary

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

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

6548' GR

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

22. APPROX. DATE WORK WILL START*

4/1/97

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	K-55 9-5/8"	#36	250'	215 sxs, circ.
8-3/4"	K-55 7"	#23	3421'	420 sxs, circ.
6-1/4"	K-55 4-1/2"	#11.6	2800-- 7946'	600 sxs, toc @ 2400'

It is proposed to drill a vertical wellbore to be downhole commingled in the Blanco Mesaverde and Basin Dakota Pools following the acquisition of sufficient production test data for allocation purposes. A downhole commingling application has been filed with the BLM and OCD. An NOS was filed 12/21/94. The well will be drilled and equipped according to the following additional attachments:

1. Well Location & Acreage Dedication Plat (C-102).
2. Proposed Well Plan Outline.
3. Cementing Plan.
4. Blowout Preventer Hookup..
5. Surface Use Plan with Production Facility layout.
6. Pipeline Tie Specifications.

This application includes ROW's for the well pad, access road, and pipeline.

RECEIVED
APR - 9 1997

OIL CON. DIV.
DIST. 3

APR 10 1997
10:21:48

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.

SIGNED Jerry W. Hoover TITLE Sr. Conservation Coordinator DATE 3/5/97

(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

AS/ Duane W. Spencer

TITLE

DATE

APR 07 1997

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.

NMOCD

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 APT Number <u>30-039-25662</u>	² Pool Code 72319 / 71599	³ Pool Name Blanco Mesa Verde / Basin Dakota
⁴ Property Code 016608	⁵ Property Name San Juan 28 - 7 <u>712</u>	⁶ Well Number #157M
⁷ OGRID No. 005073	⁸ Operator Name Conoco, Inc	⁹ Elevation 6548

¹⁰ Surface Location

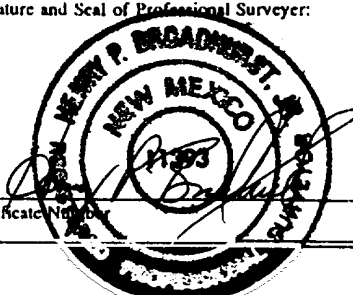
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	11	27	7		798	South	712	East	RA

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 <u>6/2 320</u>	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

16	5324'	<div>157</div> <div>RECEIVED</div> <div>APR - 9 1997</div> <div>OIL CON. DIV.</div> <div>DIST. 3</div>	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief <u>Jerry W. Hoover</u> Signature <u>Jerry W. Hoover</u> Printed Name <u>Sr. Conservation Coord.</u> Title <u>9/12/95</u> Date
5218'	Sec. 11		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. <u>3/25/95</u> Date of Survey Signature and Seal of Professional Surveyer:  Certificate No. <u>11393</u>
5296'	712'		1277'

1324'

PROPOSED WELL PLAN OUTLINE

EST. GL = +6548'

EST. KB = +6561'

WELL NAME: **SJ 28-7 UNIT No. 157M**

LOCATION: **SEC 11, UNIT P, T-27N, R-7W, RIO ARRIBA CO., NM**

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 TYPE	DAYS
0					12-1/4"	9-5/8" 36# K-55 ST&C @ 250'		NORMAL	8.4 - 8.8# SPUD MUD	1
					8-3/4"	CIRC CMT		8.4 - 9.4#	8.4 - 9.4# GEL/WATER	
1										
2		OJAM @ 2354' KRLD @ 2462'	POSSIBLE WATER FLOW							
		FRLD @ 2737'	POSSIBLE GAS FLOW POSSIBLE LOST RETURNS							
3		PCCF @ 3121' LEWS @ 3275'			8-3/4"	7" 23# K-55 LTC @ 3421'(special drift)		8.4 - 9.4#		5
				MUDLOG F/INT. CSG. PT.	6-1/4"	CIRC CMT			AIR/AIR MIST	
4		CHRA @ 4067'								
		CLFH/MV @ 4796' MENF @ 4877'	PROBABLE LOST RETURNS IF FLUID IN HOLE							
5		PTLK @ 5345'								
		MNCS @ 5743'								
6		GLLP @ 6554'								
7		GRHN @ 7308' GRRS DKOT @ 7371' TWLS @ 7411' PAGU @ 7538'	POSSIBLE WATERFLOW POSSIBLE OVERPRESSURE IN DEEP DAKOTA	CASED HOLE LOGS	6-1/4"	4-1/2" 11.6# LTC K55 and 10.5# STC K55 @ 7946' TOC 2400'		BHP = 2500 psi BHT = 175 deg F	AIR/AIR MIST	10
8		T.D. @ 7946'								

DATE

24 February, 1997

APPROVED

Roger Williamson
DRILLING ENGINEER

10:49:01 AM

25-Feb-97

