

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0136  
Expires February 28, 1995

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.

3. ADDRESS AND TELEPHONE NO.

10 Desta Drive, Suite 649W, Midland, TX 79705-9156/965515

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

At surface

1090' FNL & 905' FWL

At proposed prod. Zone

1090' FNL & 905' 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)

6. NO. OF ACRES IN LEASE

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

9. PROPOSED DEPTH

7812' -

10. NO. OF ACRES ASSIGNED  
TO THIS WELL

W/320

20. ROTARY OR CABLE TOOLS

Rotary

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

6789' -

22. APPROX. DATE WORK WILL START\*

02/25/01

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/2"	J-55; 9-5/8"	36#	285'	141 sxs, circ. -
8-3/4"	J-55; 7"	20#	3802'	605 sxs, circ. -
6-1/4"	J-55; 4 1/2"	10.5#	7812' -	324 sxs, TOC @ 3702' -

It is proposed to drill a vertical wellbore in the Blanco Mesaverde and Basin Dakota Pools. DHC application will be filed with the BLM and NMOCD.. An NOS was filed 01/19/01. 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.
6. Production Facility Layout.

This application includes ROW's for the well pad, cathodic protection and pipeline.

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 [Signature] TITLE Analyst

DATE 01/25/01

(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/ Jim Lovato

TITLE

DATE

2/13/01

\*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.



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**

Governor

**Jennifer A. Salisbury**

Cabinet Secretary

**Lori Wrotenbery**

Director

**Oil Conservation Division**

## SAN JUAN BASIN OCD CASING CEMENTING PROCEDURE

1. Cement must be circulated around surface pipe. If cement cannot be circulated, the top of the cement column shall be determined by temperature survey or other method approved by the Aztec OCD Office.
2. All subsequent casing strings shall be cemented a minimum of 100' into the next shallower string. If cement is not circulated on any string, the cement top shall be determined by temperature survey, CBL, or other method approved by the Aztec OCD Office.
3. Minimum surface pipe requirements:

<u>Well Depth</u>	<u>Surface Pipe</u>
0-3000	120'
3001-5000	200'
5001-8000	320'
8001 +	consult with District Office

Wells drilled in valley fill areas must have surface pipe set at least 50' below the fill.

Minimum requirements may be modified as necessary to comply with Rule 106 and Rule 107. Special pool rules may apply.

Proposed casing plans may be modified by the Aztec district Office to address special conditions.

No C-104 will be approved for a well until all pressure tests and cement tops are reported in compliance with Rule 1103B.(2)

## DRILL CUTTINGS SAMPLES

A representative of the US Geological Survey has informed the Aztec OCD Office that they have enough samples from the Fruitland formation to establish a basin-wide map for vitrinite reflectance. However, they do not have enough from the Menefee Coal interval of the Mesaverde formation.

As a condition of approval to drill, you are required to submit four 4" X 6" sample bags of drill cuttings from the Menefee Coal interval if it is penetrated and drilling conditions permit. If a geologist is used, a copy of that recording from 50' above to 50' below the coal intervals will be submitted. The following information will be included: Operator Name, Well Name and Number, Footage Location, Section, Township and Range, Date Taken, Name & Address of your Company Recipient of the Analysis Copy.

Submit samples, information and geologist to the following address:

Mr. Vito Nuccio  
US Geological Survey  
PO Box 25046 MS 939 DFC  
Lakewood CO 80225

These samples will be analyzed for vitrinite reflectance values and added to a data base available from the USGS in periodic reports.

This information will be used to evaluate coals and coal gas potentials in the San Juan Basin.

## THE FLARING OF OIL & GAS DURING WELL CLEANUP AND BEFORE PRODUCTION

Recent field inspections by the Aztec OCD Office reveal that many new wells are being flared directly to pits, resulting in the loss of a substantial amount of oil and, sometimes, spraying out of the pit onto the ground and vegetation.

To prevent waste and protect the environment, all flowback of new wells capable of producing liquid hydrocarbons will be restricted to the use of separation equipment and the flowback of oil to storage tanks where reasonably possible. After initial flowback has been achieved and the well has cleaned up sufficiently, the use of separators and tanks will be required.

On the initial flowback, swirls, diverters or other acceptable devices will be required on all blowdown lines to assure that oil does not splash out of the pit.

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, 1992  
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	*Pool Code	*Pool Name
	72319 / 71599	BLANCO MESAVERDE / BASIN DAKOTA
*Property Code	*Property Name	*Well Number
016608	SAN JUAN 28-7 UNIT	184M
*OGRID No.	*Operator Name	*Elevation
005073	CONOCO, INC.	6789'

<sup>10</sup> Surface Location

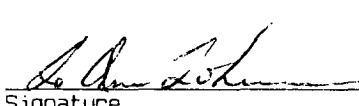
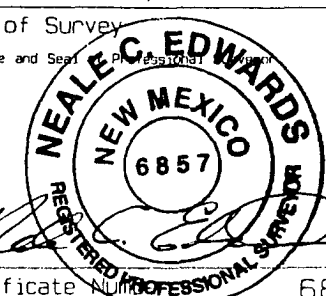
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	9	27N	7W		1090	NORTH	905	WEST	RIO ARriba

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
320 Acres (W/2)			

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

<sup>16</sup>	5292.54'	<sup>17</sup> OPERATOR CERTIFICATION
1090'		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
905'		
		Signature
		JoAnn Johnson
		Printed Name
		Sr. Property Analyst
		Title
		12-15-04
		Date
5481.96'	SF-078570	<sup>18</sup> SURVEYOR CERTIFICATION
	9	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.
		NOVEMBER 8, 2000
		Date of Survey
		Signature and Seal
		
		Certificate Number
		6857
	5320.26'	