

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

## a. ADDRESS AND TELEPHONE NO

10 Desta Dr. Ste 430E, Midland, Tx. 79705-4500

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

At surface

1475' FSL &amp; 1820' FEL

At proposed prod. zone

1475' FSL &amp; 1820' FEL

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

## 5. LEASE DESIGNATION AND SERIAL NO

SF 079035 A

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## 7. UNIT AGREEMENT NAME

Scott Federal

3244

## 8. FARM OR LEASE NAME WELL NO

6M

## 9. API WELL NO

30-039-25827

## 10. FIELD AND POOL, OR WILDCAT

Blanco MV/Basin Dakota 71599

11. SEC. T., R., M., OR BLK.  
AND SURVEY OR AREA

J Sec. 17, T26N, R6W

## 12. COUNTY OR PARISH

Rio Arriba

## 13. STATE

NM

## 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

5/320 5/320

## 8. DISTANCE FROM PROPOSED LOCATION\*

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

## 19. PROPOSED DEPTH

7637'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

6724' GR

## 22. APPROX. DATE WORK WILL START\*

3/25/98

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	K-55, 8-5/8"	24#	300' 320	130 sxs, circ.
7-7/8"	K-55 4-1/2"	10.5#	7637'	1,585 sxs, circ.

It is proposed to drill a vertical wellbore to the Blanco Mesaverde and Basin Dakota Pools. An NOS was filed 10/30/97. 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, cathodic protection and pipeline.

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

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

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 Jo Ann Johnson TITLE Property Analyst DATE 2-24-98

(This space for Federal or State office use)

PERMIT NO

APPROVAL DATE

APR 15 1998

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/ Duane W. Spencer

TITLE

DATE

APR 15 1998

\*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.

NMCCD

District I  
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised February 21, 1994

District II  
PO Boxer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

PO Box 2088  
Santa Fe, NM 87504-2088

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-039-25827</b>		Pool Code <b>72319/71599</b>	Pool Name <b>Blanco Mesaverde/Basin Dakota</b>
Property Code <b>003244</b>	Property Name <b>SCOTT FEDERAL</b>		Well Number <b>6M</b>
GRID No. <b>005073</b>	Operator Name <b>CONOCO, INC.</b>		Elevation <b>6724'</b>

10 Surface Location

UL or lot no. <b>J</b>	Section <b>17</b>	Township <b>26N</b>	Range <b>6W</b>	Lot Idn	Feet from the <b>1475</b>	North/South line <b>South</b>	Feet from the <b>1820</b>	East/West line <b>East</b>	County <b>RIO ARriba</b>
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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
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12 Dedicated Acres <b>320 320</b>	13 Joint or Infill <b>Y</b>	14 Consolidation Code <b>C</b>	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

<div>15</div> <div>5314.32'</div> <div>RECEIVED APR 17 1998 OIL CON. DIV. DIST. 3</div> <div>532.58'</div> <div>541.34'</div> <div>1820'</div> <div>1475'</div> <div>5292.54'</div>	<div>17 OPERATOR CERTIFICATION</div> <div>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</div> <div><i>Jo Ann Johnson</i> Signature</div> <div>Jo Ann Johnson Printed Name</div> <div>Property Analyst Title</div> <div>2-24-98 Date</div>
	<div>18 SURVEYOR CERTIFICATION</div> <div>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.</div> <div>NOVEMBER 10, 1997 Date of Survey</div> <div><i>Neale C. Edwards</i> Signature and Seal</div> <div>NEALE C. EDWARDS NEW MEXICO 6857 REGISTERED PROFESSIONAL SURVEYOR</div> <div>58362 Certificate Number</div>

## PROPOSED WELL PLAN OUTLINE

EST. GL = 6724  
EST. KB = 6737

WELL NAME: **Scott Federal No. 6M**LOCATION: **SEC 17, T-26N, R-6W, RIO ARriba CO., NM**

TVD IN	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING SIZE DEPTH	FRAC GRAD. psi/ft	FORMATION PRESSURE PSI	MUD WT TYPE	DAYS
1000	MD								
0				11"	8-5/8" 24# K-55 ST&C @ 300' CIRC CMT		NORMAL	8.4 - 8.8# SPUD MUD	1
				7-7/8"				8.4 - 9.0# GEL/POLYMER MAINTAIN MW AS LOW AS POSSIBLE	
1									
2									
	OJAM @ 2327' KRLD @ 2488'	POSSIBLE WATERFLOW					432 PSI	CONTROL FLUID LOSS PRIOR TO OJAM	
	FRLD @ 2633'	POSSIBLE GAS FLOW					360 PSI		
3	PCCF @ 3005' LEWS @ 3114'	POSSIBLE LOST RETURNS POSSIBLE DIFFERENTIAL STICKING							
4	CHRA @ 3866'						400 PSI		
	CLFH/MV @ 4653' MENF @ 4676'				DV TOOL SET @ 4400' (CONTINGENT ON LOST CIRCULATION) CMT TO SURFACE	0.5	457 PSI		
5	PTLK @ 5240' MNCS @ 5591'	POSSIBLE SEVERE LOST RETURNS							
6	GLLP @ 8342'				DV TOOL SET @ 8200' (50' to 150' ABOVE GLLP) CMT TO DV TOOL @ 4400'				
7	GRHN @ 7183' GRRS DKOT @ 7241' PAGU @ 7384'	POSSIBLE WATERFLOW POSSIBLE OVERPRESSURE IN DEEP DAKOTA	CASED HOLE LOGS	7-7/8"	4-1/2" 10.5# K-55 LTC @ 7637' CMT TO DV TOOL AT TOP OF GLLP	0.5	715 PSI	ADD 2% KCl @ GRRS DKOT AIR/AIR MIST/GAS	15
8	T.D. @ 7637'						BHP - 2500 PSI BHT = 175 deg F		
	NOTE: PERMIT TO 7937'								

DATE: 02/23/98 APPROVALS:

PREPAR: Ricky Joyce/Ted Kelly  
DRILLING ENGINEER

RES. ENGINEER

PROD. ENGINEER

GEOLOGIST

DRILLING MGR.

01:26 PM

CONOCO, INC. SCOTT FEDERAL #6M

1475' FSL 1820' FEL SEC 17, T26N, R6W  
RIO ARriba COUNTY, NEW MEXICO

