

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT(Other instructions on  
reverse side)FORM APPROVED  
OMB NO. 1004-0136  
Expires February 28, 1995

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

99 NOV -3 AM 11:50

b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☒

2. NAME OF OPERATOR

Conoco Inc.

005073

a. ADDRESS AND TELEPHONE NO

10 Desta Dr. Ste 400E, Midland, Tx. 79705-4500

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

At surface

1300' FNL &amp; 2300' FEL

At proposed prod. zone

1300' FNL &amp; 2300' 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 WELL8. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

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

5881' GR

22. APPROX. DATE WORK WILL START\*

12/15/99

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

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	K-55, 13-3/8"	54.5#	350'	435 sxs, circ.
12-1/4"	L-80, 9-5/8"	47#	7200'	1665 sxs, circ.
8-1/2"	S-95, 7"	26#	13,500'	720 sxs, tol @ 6800'

It is proposed to drill a vertical wellbore according to the plan submitted in the following attachments. An NOS was filed 8/18/99.

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

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. Emergency Action Plan.
7. H2S Drilling Operations Plan.

This application includes Right of Way for the well pad.

An archeological survey has been completed recommending clearance (Report No. LAC 9961 and Report No. 99-SJC-080). An Environmental Assessment is being conducted by Ecosphere Environmental Services and will be provided to you upon completion.

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. Jo Ann Johnson SIGNED Sr. Property Analyst TITLE 11-1-99 DATE

(This space for Federal or State office use)

PERMIT NO

APPROVAL DATE

DEC 15 1999

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

TITLE

DATE

12/15/99

\*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 United States any false, fictitious or fraudulent statements or representations as to any matter within the jurisdiction.

ch 3 e

NMOC

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

99 NOV -3 AM 11:50 AMENDED REPORT

070 FARMINGTON, NM  
WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-30040	<sup>2</sup> Pool Code 96993	<sup>3</sup> Pool Name Wildcat WC 31N 11W 23G, Paradox
<sup>4</sup> Property Code 25174	<sup>5</sup> Property Name ARCH ROCK	<sup>6</sup> Well Number 1
<sup>7</sup> GRID No. 005073	<sup>8</sup> Operator Name CONOCO, INC.	<sup>9</sup> Elevation 5881'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County
G	23	31N	11W		1300	NORTH	2300	EAST	SAN JUAN

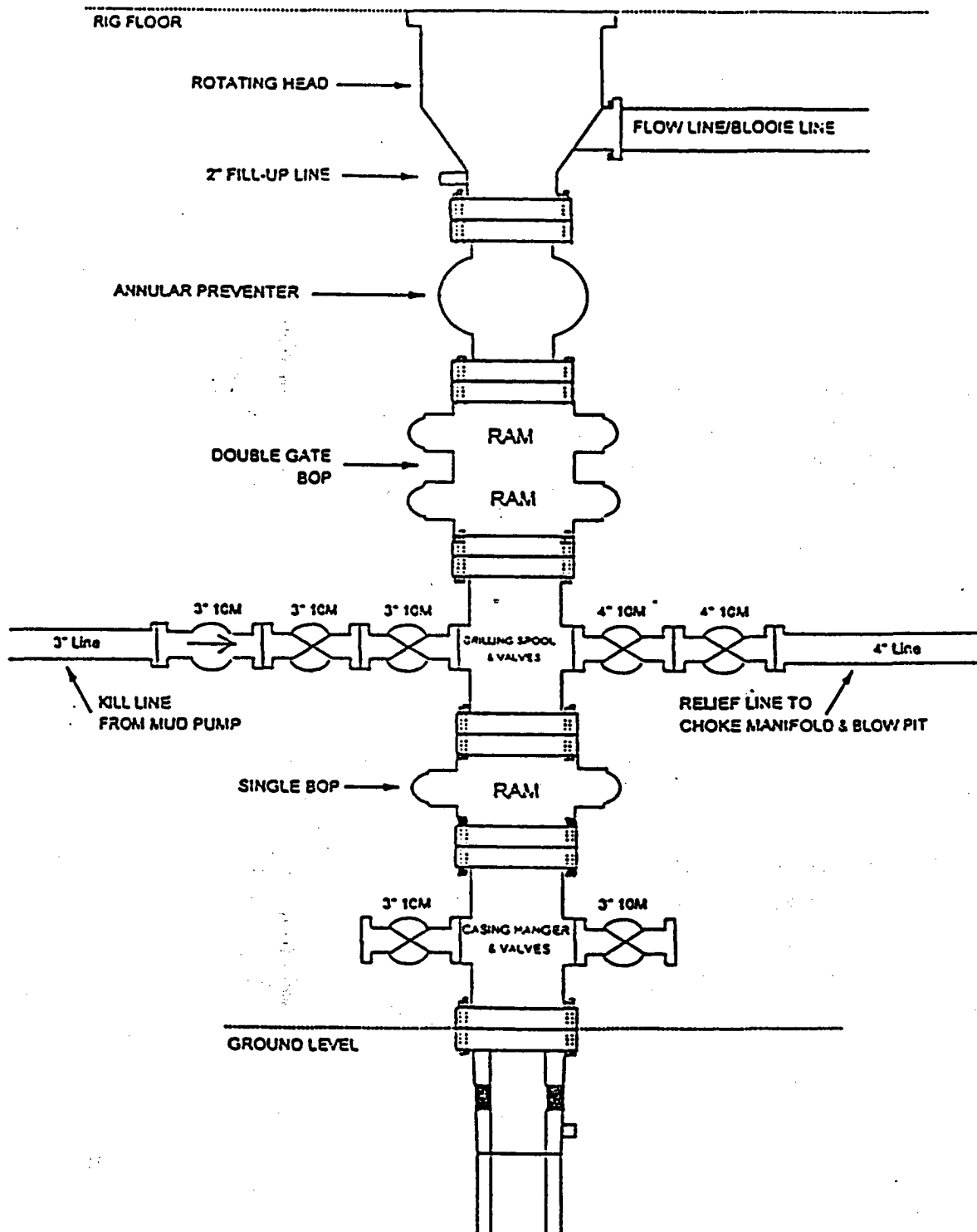
<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres 640		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.			

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

5242.38'	1300'	2300'	5355.24'	<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Mike L. Mankin Signature Mike L. Mankin Printed Name Right-of-Way Agent Title 10-11-99 Date
				<sup>18</sup> 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.  JUNE 24, 1999 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 Certificate No. 6857

# **DRILLING RIG BOP CONFIGURATION 10,000 psi SYSTEM**



BOP Installation from 13 3/8" casing point to TD. A 13 5/8" Bore (13 3/8" Nominal), 10,000 psi single gate BOP equipped with pipe rams will be installed on top of the casing hanger. A drilling spool will be installed on top of the single gate BOP. A 10,000 psi working pressure double gate BOP to be equipped with blind and pipe rams. A 5000 psi Annular preventer to be installed on top of the BOP. A rotating head to be installed on the top of the Annular preventer.

CONOCO, INC: ARCH ROCK #1

1300' FNL & 2300' FEL, SECTION 23, T31N, R11W, N.M.P.M.  
SAN JUAN COUNTY, NEW MEXICO