

Form 3160-3
(December 1990)SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)Form approved
Budget Bureau No. 1604-0136
Expires: December 31, 1991UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1. TYPE OF WORK DRILL ☒ DEEPEN ☐		2. LEASE OR OTHER NO. SF-078773	
3. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ STEEPER ☐ MULTIPLE ZONE ☒		4. IF LESSEE, OTHER OR OTHER NAME ROSA UNIT 008480	
5. NAME OF OPERATOR NORTHWEST PIPELINE CORPORATION OGRID 16189		5. TURN ON LEASING WELL NO. #77A	
6. ADDRESS AND TELEPHONE NO. c/o Walsh Engr. & Prod. Corp. 7415 E. Main Farmington, New Mexico 87402 505 327-4892		7. ADDRESS NAME BASIN DAKOTA 71599 BLANCO MESA VERDE #2319	
8. LOCATION OF WELL (show location clearly and in accordance with any State requirements) 1550' FSL & 895' FSL At proposed prod. zone Same		8. COUNTY OF FARMING Rio Arriba N.M.	
9. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 25 miles Northeast of Blanco, N.M.		9. APPROVAL 30-039-25515	
10. DISTANCE FROM PROPOSED LOCATION TO NEAREST TOWN OR POST OFFICE (Also to nearest city, town, or village, if any) 895'	11. NO. OF ACRES IN LEASE 1920	12. NO. OF ACRES ASSIGNED TO THIS WELL 320 MVS/320 DK	
13. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETION, OR ABANDONED WELL ON THIS LEASE, FT. 3500'	14. PROPOSED DEPTH 8050'	15. TYPE OF CABLE TOOL Rotary	
16. ELEVATION (Show whether DT, RT, OR, or M) 6503' GR		16. APPROX. DATE WORK WILL START May 15, 1995	
17. This section is subject to technical and procedural review pursuant to 43 CFR 161.5 and appeal pursuant to 43 CFR 161.6			
18. SIZE OF HOLES 13-3/4" 10-3/4" H-40 32.75 3795' 1363 cuft 65/35 Poz-242 cuft w/20 CaCl2 9-7/8" 7-5/8" K-55 26.4 8050' 439 cuft 50/50 Poz & 144 cuft with additives 6-3/4" 5-1/2" N-80 17.00			

NORTHWEST PIPELINE proposes to drill a vertical well to develop the Mesa Verde and Dakota formations at the above described site in accordance with the attached drilling and surface use programs.

This location has been archaeologically surveyed by CRMC. Copies of the report will be submitted directly to your office.

This APD also is serving as an application to obtain BLM road and pipeline right-of-way. The right-of-way will be a new road approximately 1000' which crosses in NE/SE and SE/NE of Section 33, T31N, R5W where it connects to Forest Road #309. Forest Road #309 continues NW for 3-1/2 miles where joins the main Rosa Road. The Rosa Road continues SW for 13 miles where it joins with the Sims Mesa Highway. A survey plat of the access road and pipeline are attached.

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 prevention program, if any.

SIGNATURE <i>Paul C. Thompson</i>	TITLE Paul C. Thompson, Agent	DATE 3/15/95
(This space for Federal or State office use)		
PERMIT NO. APPROVAL DATE MAY 3 1995	APPROVED AS AMENDED MAY 24, 1995 DISTRICT MANAGER	
APPROVED BY OIL CON. DIV. Dkt. 3		

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form approved.
Budget Bureau No. 1004-0136
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APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐
DRILL ☒ DEEPEN ☐
SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Amoco Production Company

Attention: Julie L L Acevedo

3. ADDRESS AND TELEPHONE NO.

P.O. Box 800, Denver, Colorado 80201

(303) 830-6003

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

At surface 1840FSL 18400FWL

At proposed prod. zone

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

38 Miles from Aztec, N.M.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)

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

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

6287'GL

16. NO. OF ACRES IN LEASE

1041.23

19. PROPOSED DEPTH

6127'TD

17. NO. OF ACRES ASSIGNED TO THIS WELL

320 S/2

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

03-01-94

23. This action is subject to technical review and approval by the Bureau of Land Management. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

PROPOSED DEPTH	DISC. IT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6.25"	2 7/8 "	6.4#	250' 100sx CI B Cmt Circ. to surface
			1198 cu.ft. CI B Circ. to surface

Notice of Staking Submitted: Canyon 19E on 12/19/94

Lease Description: T25N-R11W

Section 2: Lots 2, 3, 4, SW/4 NE/4, S/2 NW/4, S/2
Section 11: E/2, NW/4
containing 1041.23 acres, more or less.

RECEIVED
FEB - 6 1995
OIL CON. DIV.
DIST. 3

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24.

SIGNED

Julie L Acevedo

TITLE Sr. Staff Assistant

DATE

12-19-1994

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED
AS AMENDED

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

NMOCD

DATE

FEB 12 1995

DISTRICT MANAGER

*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,