

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Amoco Production Company

## 3. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, NM 87401

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

At surface

800' FNL x 1050' FWL

At proposed prod. zone Same

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

Approximately 5.3 miles north of Blanco, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

800'

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

3292'

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

6300' GL

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

## 23.

PROPOSED CASING AND CEMENTING PROGRAM

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

As soon as permitted.

This action is subject to administrative  
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	9-5/8"	32.3# H-40	300'
8-3/4"	7"	20# K-55	3250'
6-1/4"	4-1/2" Liner	10.5# K-55	7530'-3000'

350 cu. ft. Class B w/2% CaCl<sub>2</sub> - Circ  
560 cu. ft. Class B 50:50 POZ, w/6% ge  
and .8% FLA. Tail in w/118 cu. ft.  
Class B neat - circ. Cement 4-1/2"  
liner w/495 cu. ft. Class B 50:50  
POZ, 6% gel, and 0.8% FLA. Tail-in  
w/120 cu. ft. Class B Neat - Circ.

Amoco proposes to drill the above well to further develop the Basin Dakota reservoir. The well will be drilled to the surface casing point using native mud. The well will then be drilled to the intermediate casing point with a low solids non-dispersed mud system. The intermediate shoe will be drilled out with gas to TD. Completion design will be based on open hole logs. Copy of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed; see attached drawing for blow-out preventer design.

Gas produced from this well is dedicated to El Paso Natural Gas under Contract No. 56742.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 D.H. ShowalterTITLE District EngineerDATE 2/3/83

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

NWU 3-325

APPROVED  
AS AMENDED

DATE

APR 28 1983

JAMES F. SIMS  
DISTRICT ENGINEER

Acting Area Manager

NMOC

RECEIVED  
MAY 2 - 1983  
OIL CON. DIV.  
DIST. 3

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

Operator <b>AMOCO PRODUCTION COMPANY</b>		Lease <b>W. H. RIDDLE</b>		Well No. <b>3E</b>
Unit Letter <b>D</b>	Section <b>24</b>	Township <b>30N</b>	Range <b>10W</b>	County <b>San Juan</b>
Actual Footage Location of Well:				
800 feet from the North line and 1050 feet from the West line				
Ground Level Elev: <b>6300</b>	Producing Formation <b>Dakota</b>	Pool <b>Basin Dakota</b>	Dedicated Acreage: <b>320 W 315.36 Acres</b>	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

800'	1050'	<div data-bbox="643 1055 980 1242" data-label="Text"> <p><b>RECEIVED</b> MAR 14 1983 U.S. GEOLOGICAL SURVEY SANTA FE, N. M.</p> </div>
		<div data-bbox="656 1464 1026 1736" data-label="Text"> <p><b>RECEIVED</b> MAY 2 - 1983 OIL CON. DIV. DIST. 3</p> </div>

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name  
**D. H. SHOEMAKER**

Position  
**DISTRICT ENGINEER**

Company  
**AMOCO PRODUCTION COMPANY**

Date  
**JANUARY 11, 1983**

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 knowledge and belief.

Date Surveyed  
**December 20, 1982**

Registered Professional Engineer and Land Surveyor  
**Fred B. Kerry Jr.**

Certificate No. **4222**