

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

30-039-23515

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 87410

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

At surface

840' FSL X 860' FWL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE OF LAND MANAGEMENT

68 miles northeast of Aztec, NM

FARMINGTON RESOURCE AREA

15. DISTANCE FROM PROPOSED\*

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

840'

16. NO. OF ACRES IN LEASE

2560

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320/160

18. DISTANCE FROM PROPOSED LOCATION\*

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

150' N

19. PROPOSED DEPTH

8625'

20. ROTARY OR CABLE TOOLS

Rotary

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

6780' GR

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS"  
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	QUANTITY OF CEMENT
14-3/4"	13-3/8"	48#	400'	472 cu. ft. Class B w/ 2% CaCl <sub>2</sub>
7-7/8"	4-1/2"	11.6#	8625'	1179 cu. ft. Class B w/ 50:50 poz 6% gel, 0.2% FLA, 1179 cu. ft. Class B w/ 65:35 poz, 6% gel 0.2% FLA, and 236 cu. ft. Class B Neat.

Amoco proposes to drill the above well to further develop the Basin Dakota/Undes. Gallup reservoir. The well will be drilled to the surface casing point using native mud. The well will then be drilled to TD with a low solids nondispersed mud system. 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 blowout preventer design. Upon completion the well site will be cleaned and the reserve pit filled and leveled. The gas from this well is undedicated at this time.

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.

Original Signed By  
B. D. Shaw

SIGNED

TITLE Adm. Supervisor

(This space for Federal or other use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

AUG 02 1984

OIL CON. DIV.  
DIST. 3

TITLE

APPROVED

DATE 7-11-84

AS AMENDED

JUL 31 1984

(SBD.) MAT MILLENBACH

DATE

AREA MANAGER  
FARMINGTON RESOURCE AREA

NMOCC  
\*See Instructions On Reverse Side

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-107  
Revised 10-1-78

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

Operator Amoco Production Company			Lease Rosa Unit		Well No. 112
Unit Letter M	Section 27	Township 31N	Range 5W	County Rio Arriba	
Actual Footage Location of Well: 840 feet from the South line and 860 feet from the West line					
Ground Level Elev: 6780	Producing Formation Dakota & Gallup		Pool Basin Dakota/Undes Gallup		Dedicated Acreage: 320/160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 Unitization

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.

		<p style="text-align: center;"><b>RECEIVED</b> AUG 02 1984 OIL CON. DIV. DIST. 3</p>
		<p style="text-align: center;">27</p> <p style="text-align: center;"><b>RECEIVED</b> JUL 18 1984 BUREAU OF LAND MANAGEMENT</p>

Scale: 1"=1000'

## CERTIFICATION

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

Name

B. D. Shaw

Position

Adm. Supervisor

Company

Amoco Production Co.

Date

7-2-84

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

February 6, 1984

Registered Professional Engineer  
and Land Surveyor

Fred B. Kerr Jr.

Certificate No.

3950

Vicinity Map for Rosa Unit #112  
Amoco Production Company #244  
840 FSL 860 FWL Sec 27-31N-5W  
Rio Arriba County New Mexico