

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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 Co.

3. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, N. M. 87401

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

At surface

1030' FSL X 1470' FWL

At proposed prod. zone

Same

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

21 mile NE of Counselors N. M.

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1030'

16. NO. OF ACRES IN LEASE

2557.20

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

500' N

19. PROPOSED DEPTH

7650'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

319.35

W 320/160

20. ROTARY OR CABLE TOOLS

Rotary

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

6651' GR

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS FOR  
PROPOSED CASING AND CEMENTING PROGRAM"

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

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#, J-55	300'	354 c.f. Class B 2% CaCl2
7-7/8"	4-1/2"	10.5#, K-55	7650'	400 c.f. Class B 65:35:6
			DV tool @ 4700'	2 ppsk Tuffplug, 10.9 gal/sk

(See attached supplemental information to  
form 3160-3.)

1.98 c.f./sk, 12 ppg. Top @  
4700'. Tail in with 500 c.f.  
Class B, 10% salt, .6% FLA,  
13.93 ppg, 1.21 c.f./sk 5.24  
gal/sk, t90 @ 7200'  
2nd Stage: 600 c.f. Class B  
65:35:6 2 ppsk Tuff plug.  
10.9 gal/sk, 1.98 c.f./sk  
12 ppg top @ surface.

The gas from this well is dedicated  
to Northwest Pipeline Corporation.

RECEIVED

OCT 31 1985

OIL CON. DIV.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, indicate 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

BLS Shaw

TITLE

Adm. Supervisor

DATE

8-22-85

(This space for Federal or State office use)

APPROVED  
AS AMENDED

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

NMOCC

\*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

5. LEASE DESIGNATION AND SERIAL NO.  
Jiacrilla Contract 146

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Contract 146

9. WELL NO.

21R

10. FIELD AND POOL, OR WILDCAT

Basin Dakota/Otero Chaco

11. SEC., T., R., M., OR BLK.

AND SURVEY OR AREA

SE/SW Sec. 3, T25N, R5W

12. COUNTY OR PARISH

13. STATE

Rio Arriba NM

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

319.35

W 320/160

20. ROTARY OR CABLE TOOLS

Rotary

QUANTITY OF CEMENT

354 c.f. Class B 2% CaCl2

400 c.f. Class B 65:35:6

2 ppsk Tuffplug, 10.9 gal/sk

1.98 c.f./sk, 12 ppg. Top @

4700'. Tail in with 500 c.f.

Class B, 10% salt, .6% FLA,

13.93 ppg, 1.21 c.f./sk 5.24

gal/sk, t90 @ 7200'

2nd Stage: 600 c.f. Class B

65:35:6 2 ppsk Tuff plug.

10.9 gal/sk, 1.98 c.f./sk

12 ppg top @ surface.

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-108  
Effective 1-1-65

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

Operator AMOCO PRODUCTION COMPANY			Lease JICARILLA CONTRACT 146		Well No. 21R
Section Letter N	Section 3	Township 25N	Range 5W	County Rio Arriba	
Actual Footage Location of Well:					
1030 feet from the South		line and 1470 feet from the West		line	
Sound Level Elev: 6651	Producing Formation Dakota / Chacra		Pool Basin Dakota/Otero Chacra	Dedicated Acreage: 319.35 320.160 Acres	

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.

Sec.	RECEIVED AUG 28 1985 BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA
	3 RECEIVED OCT 31 1985 OIL CON. DIV. DIST. 3

1470'

1030'

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	8-22-85
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	August 1, 1985
Registered Professional Engineer and Land Surveyor	Fred B. Kerr Jr.
Certificate No.	2000

JICARILLA

INDIAN

Vicinity Map for  
AMOCO PRODUCTION CO. #21R JICARILLA CONTRACT 146  
1030' FSL 1470' FWL Sec. 3-T25N-R5W  
RIO ARriba COUNTY, NEW MEXICO