

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

990' FNL x 1660' FWL

At proposed prod. zone  
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OF PROPOSED LOCATION

20 miles NE of Counselors NM

10. DISTANCE FROM PROPOSED\*

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

990'

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

500 SO.

16. NO. OF ACRES IN LEASE

2560

19. PROPOSED DEPTH

8361'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

7371' GR

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract 148

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Contract 148

9. WELL NO.

37

10. FIELD AND POOL, OR WILDCAT

West Lindrath Gallup Dakota

11. SEC., T., R., M., OR BLE.  
AND SURVEY, OR AREA

NE/NW Sec 13, T25N, R5W

RECEIVED

MAY 28 1985

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

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

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#, J55	300'	354 cf Class B
7-7/8"	5-1/2"	15.5#, K55	8361'	2170 cf Class B

Amoco proposes to drill the above well to further develop the W. Lindrath Gallup/DK 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 dedicated to Northwest Pipeline.

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

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.

SIGNED BDS Shaw TITLE Adm. Supervisor DATE 5-21-85

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE JUL 24 1985

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
AS AMENDED

/s/ J. Stan McKee  
M. MILLENBACH  
AREA MANAGER

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

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

Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>JICARILLA CONTRACT 148</b>		Well No. <b>37</b>
Unit Letter <b>C</b>	Section <b>13</b>	Township <b>25N</b>	Range <b>5W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>990</b> feet from the <b>North</b> line and <b>1660</b> feet from the <b>West</b> line					
Ground Level Elev. <b>7371</b>	Producing Formation <b>Gallup-Dakota</b>		Pool <b>West Lindrith Gallup/DK</b>		Dedicated Acreage: <b>160</b> 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.

1660'

990'

13

Sec.

RECEIVED  
MAY 23 1985  
BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

RECEIVED  
JUL 26 1985  
OIL CON. DIV.  
DIST. 3

## CERTIFICATION

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

*B. D. Shaw*

Name

B. D. Shaw

Position

Adm. Supervisor

Company

Amoco Production Co.

Date

5-21-85

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

Jan 25 1985

Registered Professional Engineer

and Land Surveyor

FRED B. KERR JR.

Certificate No.

1050 F. KERR, JR.

