

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

NOV 28 1983

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE OIL CON. DIV. ☒

DIST. 3

2. NAME OF OPERATOR

Amoco Production Company

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

1160' FNL x 920' FWL  
At proposed prod. zone Same

OCT 5 1983

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

3 miles north of Flora Vista, N.M.

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

920'

16. NO. OF ACRES IN LEASE

2522.59

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.

3026'

19. PROPOSED DEPTH

6900'

20. ROTARY OR CABLE TOOLS

Rotary

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

5939' GL

DRILLING OPERATIONS ARE SUBJECT TO THE ATTACHED

22. APPROX. DATE WORK WILL START\*

As soon as permitted

23. PROPOSED CASING AND CEMENTING PROGRAM

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

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/2"	8 5/8"	32# K55	375'
7 7/8"	5 1/2"	10.5# K55	6900'

400 cu ft Class B with 2% CaCl<sub>2</sub>  
Stage 1) 650 cu ft Class B  
50:50 POZ, 2# medium tuf plug per  
1 sx, .8% FLA. Tail in with  
118 cu ft Class B neat.  
Stage 2) 1250 cu ft Class B  
65:35 POZ, 2# medium tuf plug per  
1 sx, .8% FLA. Tail in with  
118 cu ft Class B neat.

Amoco proposes to drill the above well to further develop the Flora Vista Gallup/ Basin Dakota reservoirs. 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 non-dispersed mud system. Completion design will be based on open hole logs. Copies 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 location will be cleaned and the reserve pit filled and leveled.

Gas produced from this well is not dedicated.

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 prevention program, if any.

SIGNED *RD Lawton* TITLE District Administrative SUPERVISOR DATE 10-4-83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED  
AS AMENDED

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

NOV 28 1983

M. MILLENBACH  
AREA MANAGER

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-78

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

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

Operator: <b>AMOCO PRODUCTION COMPANY</b>		Lease <b>L. C. KELLY</b>		Well No. <b>4E</b>	
Unit Letter <b>D</b>	Section <b>3</b>	Township <b>30N</b>	Range <b>12W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1160</b> feet from the <b>North</b> line and <b>920</b> feet from the <b>West</b> line					
Ground Level Elev: <b>5939</b>	Producing Formation <b>Dakota/Gallup</b>	Pool <b>Basin Dakota/Flora Vista Gallup</b>		Dedicated Acreage: <b>157.63</b> <b>3002/3207160</b> 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 \_\_\_\_\_

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;">RECEIVED</p> <p style="text-align: center;">OCT 5 1983</p> <p style="text-align: center;">BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA</p>
	<p style="text-align: center;">3</p> <p style="text-align: center;">RECEIVED</p> <p style="text-align: center;">NOV 28 1983</p> <p style="text-align: center;">OIL DIV.</p> <p style="text-align: center;">3</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.

*Darrell D. Lawson*

Name

Darrell D. Lawson

Position

District Admin. Super.

Company

Amoco Production Co.

Date

10-4-83

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

September 2, 1983

Registered Professional Engineer  
and Land Surveyor.

*Fred B. Kerr Jr.*  
Fred B. Kerr Jr.

Certificate No. 3950