

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 1850' x FNL x 790' FEL  
At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
11 miles northwest of Gobernador N M

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 790'

16. NO. OF ACRES IN LEASE 2561.86

17. NO. OF ACRES ASSIGNED TO THIS WELL 320/40/60

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 275'

19. PROPOSED DEPTH 8525'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6649' GR

22. APPROX. DATE WORK WILL START\* As soon as permitted - This action is subject to administrative appeal pursuant to 30 CFR 290.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14-3/4"	11-3/4"	42#, H-40	400'	350 ft. of Class B Neat
7-7/8"	4-1/2"	11.6#, N-80	8525'	1st. Stage: 930 ft. of Class B 50:50 poz x 6% gel x 0.8% FLA. Tail-in w/118 ft. Class B Neat.
				2nd. Stage: 1750 ft. of Class B 65:35 poz w 6% gel x 0.8% FLA. Tail-in x 118 ft. Class B Neat. The DV tool will be set at 5450'.

RECEIVED  
JUL 18 1984  
OIL CON. DIV.  
DIST. 3

Amoco proposes to drill the above well to further develop the Basin Dakota/Undes. Gallup reservoir. The well will 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.

24. Original Signed By  
SIGNED D.D. Lawson TITLE Dist. Adm. Supervisor

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
DATE 6/26/84  
AS AMENDED  
JUL 17 1984  
(SGD.) MATHEW A. MILLER  
DATE  
AREA MANAGER  
FARMINGTON RESOURCE AREA

NMOCC  
\*See Instructions On Reverse Side

## OIL CONSERVATION DIVISION

P. O. BOX 2088

Form C-107  
Revised 10-1-71

STATE OF NEW MEXICO

SANTA FE, NEW MEXICO 87501

ENERGY AND MINERALS DEPARTMENT

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

Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>ROSA UNIT</b>		Well No. <b>118</b>
Unit Letter <b>H</b>	Section <b>35</b>	Township <b>32N</b>	Range <b>6W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>1850</b> feet from the <b>North</b> line and <b>790</b> feet from the <b>East</b> line					
Ground Level Elev: <b>6649</b>	Producing Formation <b>Gallup &amp; Dakota</b>		Pool <b>Basin Dakota/Undes. Gallup</b>		Dedicated Acreage: <b>320/48 160</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 Unitized

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.

<b>RECEIVED</b> JUL 18 1984 OIL CON. DIV. DIST. 3		1850'	
		790'	
Sec.		35	
<b>RECEIVED</b> JUN 28 1984 BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA		35	
		35	

## CERTIFICATION

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

Original Signed By  
**D.D. Lawson**

Name  
**D. D. Lawson**  
Position  
**Dist. Adm. Supervisor**  
Company  
**Amoco Production Company**

Date  
**June 20, 1984**

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 6, 1983**

Registered Professional Engineer and Land Surveyor

**Fred B. Kerr Jr.**

Certificate No. **3950**

Scale: 1"=1000'

