

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' FNL x 1720' FEL

At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
15 miles northwest of Gobernador, N M

10. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any) 1720'

16. NO. OF ACRES IN LEASE
2518.04

17. NO. OF ACRES ASSIGNED
TO THIS WELL
E 320/4 160

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 4000' SE

19. PROPOSED DEPTH
8170'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6275' GR

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

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
14-3/4"	11-3/4"	42#, H-40	400'
7-7/8"	4-1/2"	11.6#, N-80	115'

QUANTITY OF CEMENT
350 ft. Class B Neat
1st. Stage: 930 ft³ Class B
50:50 poz x 6% gel x 0.8% FLA.
Tail-in w/118 ft³ of Class B Neat
2nd Stage: 1625 ft³ of Class B
65:35 poz x 6% gel x 0.8% FLA.
Tail-in w/118 ft³ Class B Neat.
The DV tool will be set at 5100'

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DIST. 3

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.

24. Original Signed By
D.D. LAMON
SIGNED _____ TITLE Dist. Adm. Supervisor

(This space for Federal or State office use)

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 United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

5. LEASE DESIGNATION AND SERIAL NO.
SF-78767

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Rosa Unit

8. FARM OR LEASE NAME

9. WELL NO.

108

10. FIELD AND POOL, OR WILDCAT

Basin Dakota/Undes. Gallup

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

NE Sec. 7, T31N, R5W

12. COUNTY OR PARISH 13. STATE

Rio Arriba

N M

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

Operator AMOCO PRODUCTION COMPANY			Lease ROSA UNIT		Well No. 108
Unit Letter G	Section 7	Township 31N	Range 5W	County Rio Arriba	
Actual Footage Location of Well: 1850 feet from the North line and 1720 feet from the East line					
Ground Level Elev: 6275	Producing Formation Dakota & Gallup		Pool W.C. Basin Dakota/Undes, Gallup		Dedicated Acreage 320/48/60 Acres

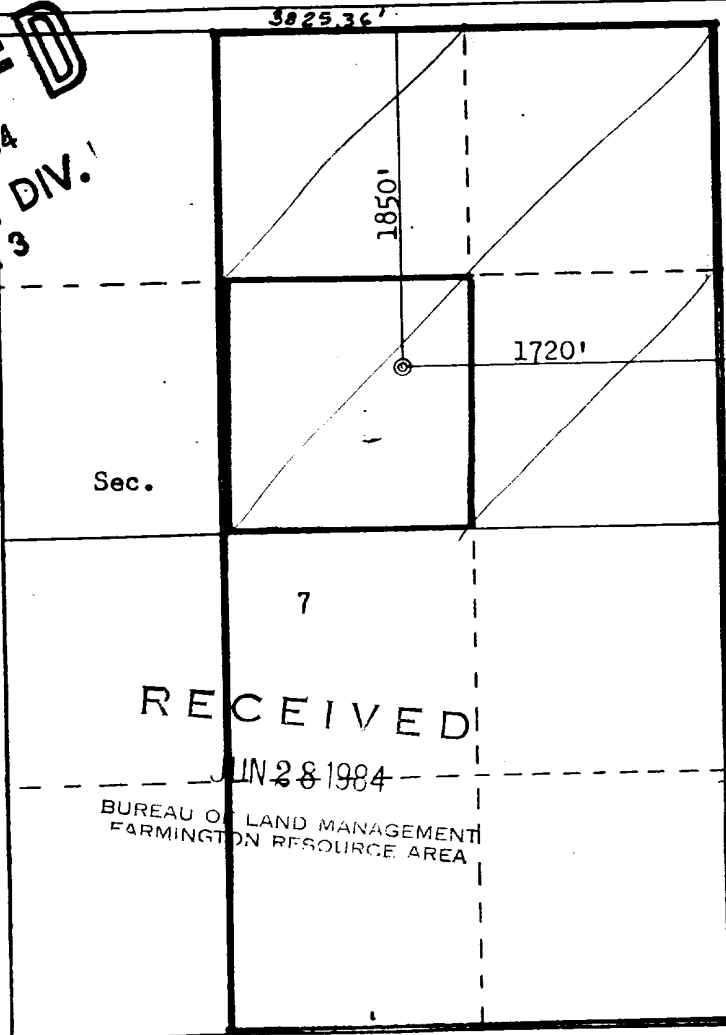
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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.

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JUN 28 1984

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

Scale: 1"=1000'

CERTIFICATION

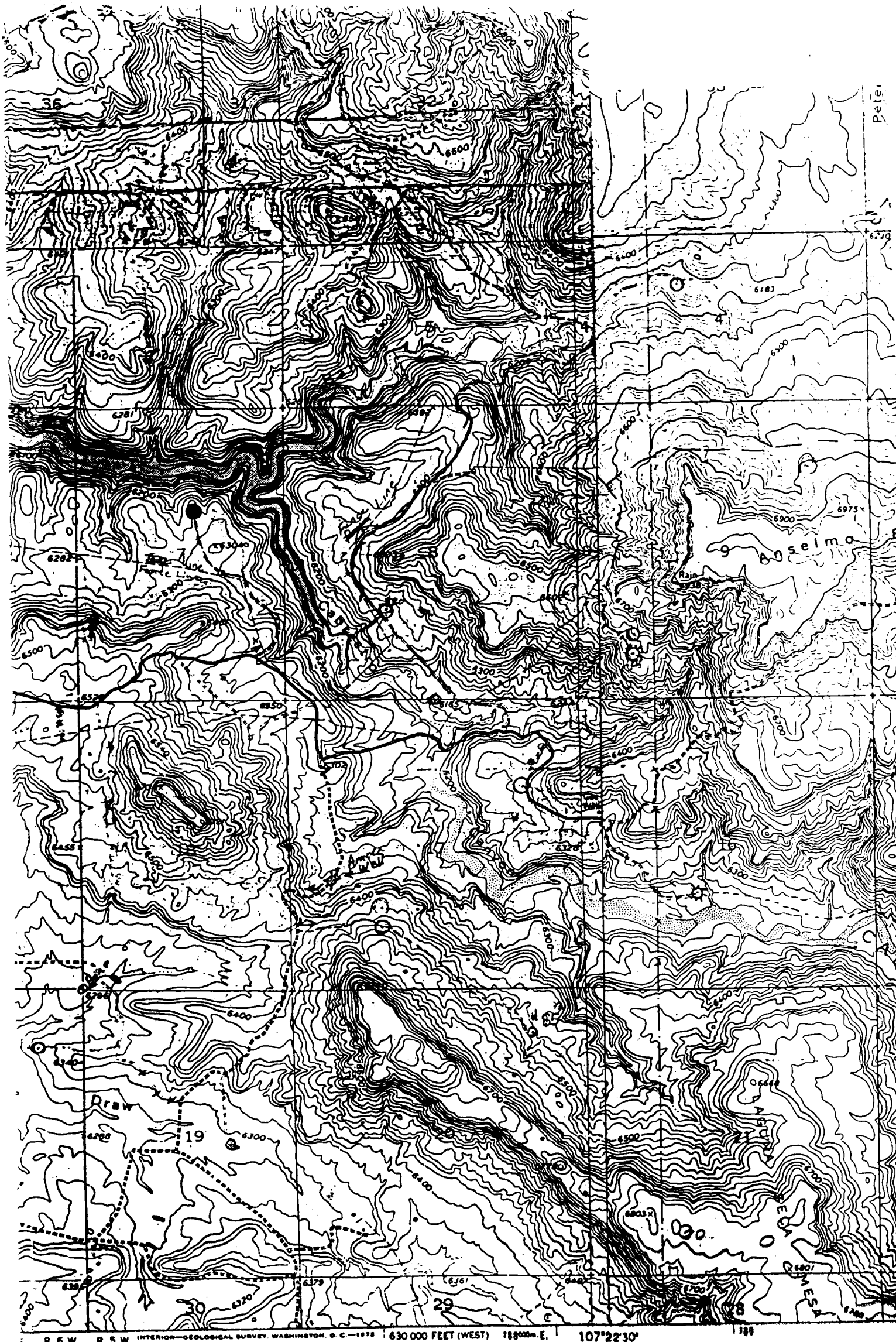
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Original Signed By
D.D. Lawson

Name
D. D. Lawson
Position
Dist. Adm. Supervisor
Company
Amoco Production Company
Date
June 21, 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
March 22, 1981
Registered Professional Engineer
and Land Surveyor
Fred B. Kerr Jr.
Certificate No. **3950**



Vicinity Map for
 AMOCO PRODUCTION COMPANY #108 ROSA UNIT
 1850' FNL 1720' FEL Sec. 7-T31N-R5W
 RIO ARriba COUNTY, NEW MEXICO

edited, and published by the Geol
 USGS and USC&GS

by photogrammetric methods from aerial
 taken 1958 and 1962. Field checked 196

conic projection. 1927 North American datum
 10,000-foot grid based on New Mexico coordinate syst