

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Company

3. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, NM 87401

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

At surface
940' FSL X 960' FEL

At proposed prod. zone

same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST TO PROPOSED WELL

4 miles northwest of Gobernador

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

2507.3

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

7392'

19. PROPOSED DEPTH

9050'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

5/320/160

20. ROTARY OR CABLE TOOLS

Rotary

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

7212' 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 section 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# H40	400'
7-7/8"	4-1/2"	11.6# N80	9050'

450 ft³ Class "B" w/2% CaCl₂
1st stage - 900 ft³ Class "B" 50/50
poz cmt x tail in w/118 ft³ Class
"B" Neat cement. Stage 2 - 2800
ft³ Class "B" 65:35 poz cmt x tail
in w/118 ft³ Class "B" Neat cmt
DV tool at approx. 5800'.

Amoco proposes to drill the above well to further develop the Basin Dakota and Undesignated Gallup 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 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 not dedicated 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

B. D. Shaw

SIGNED

TITLE Administrative Supervisor

(This space for Federal or State official)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

ch 2

RECEIVED
OCT 05 1984
OIL CON. DIV.
DIST. 3

APPROVED
AS AMENDED
OCT 03 1984
DATE
Is/ J. Stan McKee
AREA MANAGER
FARMINGTON RESOURCE AREA

NMOC

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

Operator AMOCO PRODUCTION COMPANY			Lease ROSA UNIT		Well No. 105
Unit Letter P	Section 22	Township 31N	Range 4W	County Rio Arriba	
Actual Footage Location of Well: 940 feet from the South line and 960 feet from the East line					
Ground Level Elev. 7212	Producing Formation Dakota/Gallup		Pool Basin Dakota/Undes. Gallup		Dedicated Acreage: 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 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.

	<p>Sec.</p>	<p>RECEIVED JUN 18 1984 BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA</p>
	<p>22</p>	<p>960'</p> <p>940'</p>
<p>RECEIVED OCT 05 1984 OIL CON. DIV DIST. 3</p>		

Scale: 1"=1000'

<p>CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p>	
Name	B. D. Shaw
Position	Administrative Supervisor
Company	Amoco Production Company
Date	6/13/84
<p>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.</p>	
Date Surveyed	June 6, 1984
Registered Professional Engineer and Land Surveyor	<p>Fred B. Kerr Jr.</p>
Certificate No.	3750

