

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

1080' FNL x 1505' FEL
At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR VILLAGE TO PROPOSED WELL
54 miles northeast of Bloomfield

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any) 1080'

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
2500' N.W.

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6778

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	32.3#, H40	300'	354 c.f. Class B
7-7/8"	5-1/2"	15.5#, K55	8699'	2956 c.f. Class B

Amoco proposes to drill the above well to further develop the BasinDK/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.

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.

24. SIGNED BDS Shaw TITLE Adm. Supervisor DATE 4/24/85

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

NOV 27 1985

OIL CON. DIV.
DIST. 3

APPROVED
AS AMENDED

NOV 25 1985

(SGD.) MAT MILLENBACH
M. MILLENBACH
AREA MANAGER

*See Instructions On Reverse Side

NMOCC

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

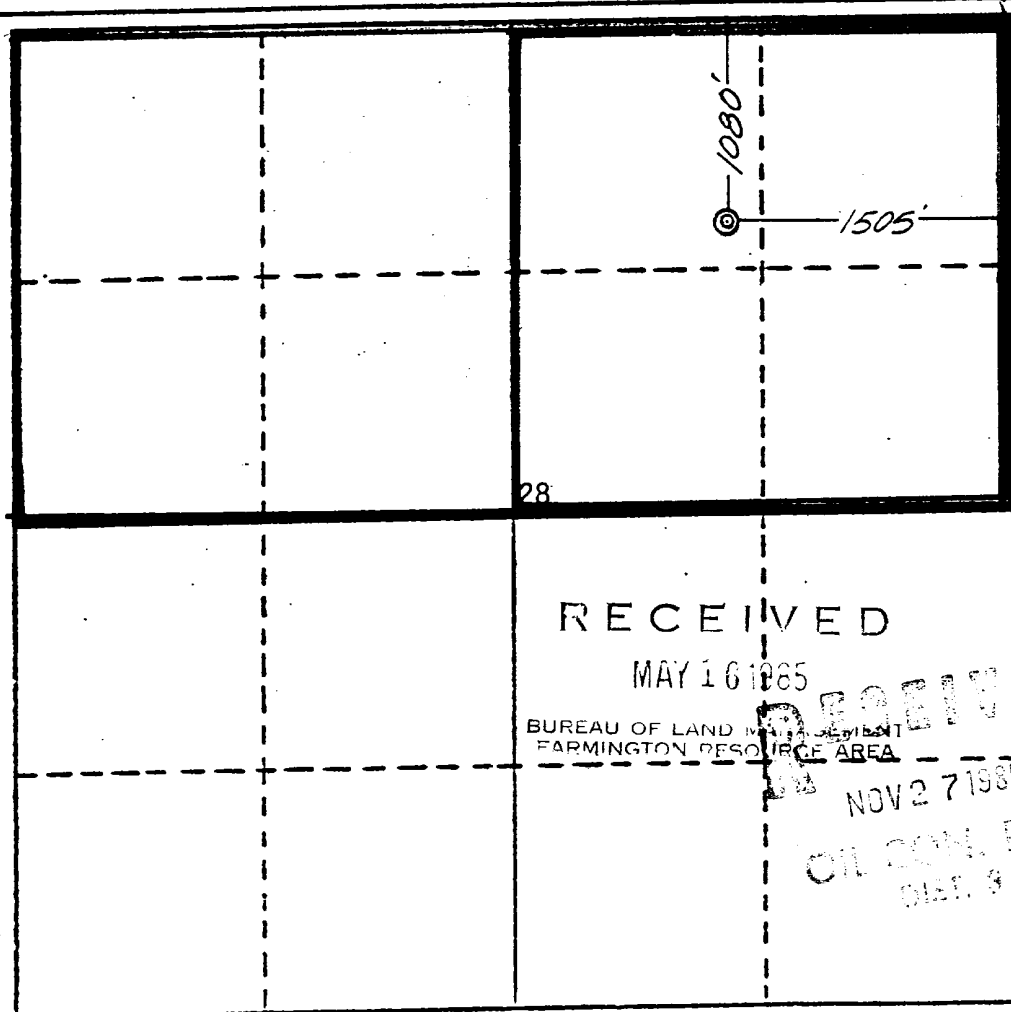
Operator AMOCO PRODUCTION COMPANY		Lease ROSA UNIT		Well No. 123	
Unit Letter B	Section 28	Township 31 NORTH	Range 5 WEST	County RIO ARRIBA	
Actual Footage Location of Wells 1080 feet from the NORTH line and 1505 feet from the EAST line					
Ground Level Elev. 6778	Producing Formation Dakota/Gallup	Pool Laguna Seca ET Basin Dakota/Under Gallup		Dedicated Acres 320/160 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 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 Division.



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
4/24/85

I hereby certify that the well location shown on this plat was plotted in the field noted above and that I made the same or under my supervision, and that the same is true and correct to the best of my knowledge and belief.



Date Surveyed
March 7, 1985
Registered Professional Engineer
and/or Land Surveyor
Gary D. Vann
Gary D. Vann
Certificate No.
7016

Exhibit B

AMOCO PRODUCTION COMPANY
ROSA UNIT No. 123
1080' F/NL 1505' F/EL
Sec. 28, T31N, R5W, NMPM
Rio Arriba County, New Mexico

