

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 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 1730' FNL X 1075' FEL

At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
6 miles southeast of Bloomfield, NM

16. NO. OF ACRES IN LEASE
640.0000

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 300' E

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5986' GR

23. DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
PROPOSED CASING AND CEMENTING PROGRAM
"GENERAL REQUIREMENTS"

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH |
|--------------|----------------|-----------------|---------------|
| 12-1/4" | 8-5/8" | 24#, K-55 | 300' |
| 6-1/4" | 4-1/2" | 10.5#, K-55 | 3290' |

5. LEASE DESIGNATION AND SERIAL NO.

SF-077383

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Kutz Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Otero Chacra

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

NE Sec. 22, T28N, R10W

12. COUNTY OR PARISH 13. STATE

San Juan NM

17. NO. OF ACRES ASSIGNED
TO THIS WELL
160

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*

As soon as permitted

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

360 cu. ft. Class B w/ 2% CaCO₃
462 cu. ft. Class B 50:50 poz
containing 6% gel and 2 lb
med tuf plug/SX w/ 118 cu. ft.
Class B Neat tail.

Amoco proposes to drill the above well to further develop the Otero Chacra 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
SIGNED B. D. Shaw TITLE Adm. Supervisor

(This space for Federal or State Agency Use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
AUG 03 1984
OIL CON. DIV.
DIST. 3

NMOCC

*See Instructions On Reverse Side

| |
|--|
| APPROVED |
| AS AMENDED AUG 02 1984 |
| DATE 7/21/84 Stan McKee |
| AREA MANAGER FARMINGTON RESOURCE AREA |

OIL CONSERVATION DIVISION

P. O. BOX 2048
SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78

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

| | | | | | |
|--|--------------------------------------|-----------------------------|------------------------------|--|----------------------|
| Operator AMOCO PRODUCTION COMPANY | | | Lease KUTZ-FEDERAL | | Well No. 1 |
| Unit Letter H | Section 22 | Township 28N | Range 10W | County San Juan | |
| Actual Footage Location of Well: 1730 feet from the North line and 1075 feet from the East line | | | | | |
| Ground Level Elev: 5986 | Producing Formation Chacra | Pool Otero Chacra | | Dedicated Acreage: 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 _____

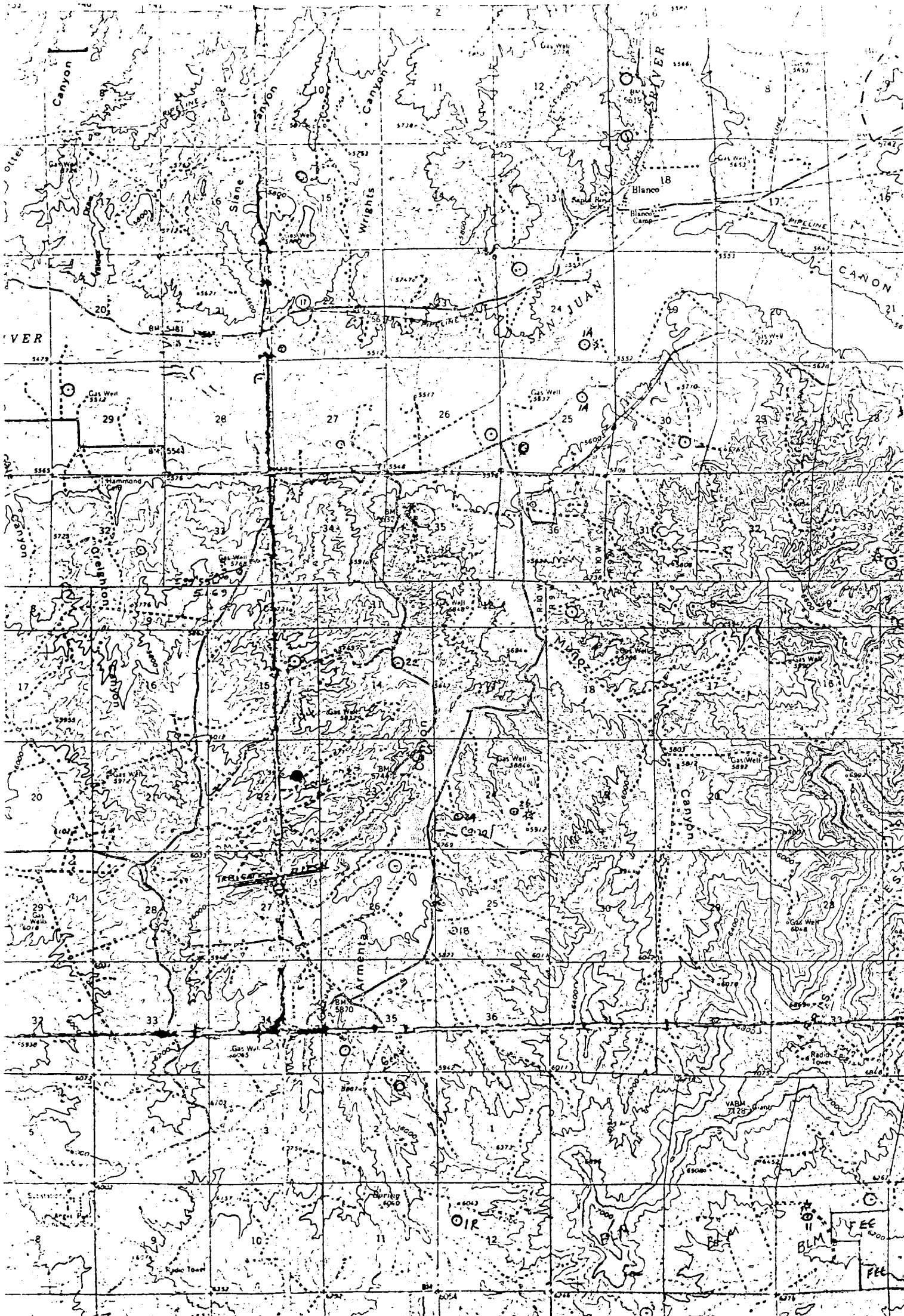
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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>1730'</p> <p>1075'</p> | |
| | | <p>Sec.</p> | |
| <p>RECEIVED AUG 03 1984 OIL CON. DIV. DIST. 3</p> | | <p>RECEIVED JUL 10 1984 BUREAU OF LAND MANAGEMENT WASHINGTON, D.C. 20250</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> <p>Original Signed By D.D. Lawson</p> | |
| Name | D. D. Lawson |
| Position | Dist. Adm. Supervisor |
| Company | Amoco Production Company |
| Date | 6-28-84 |
| <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 | April 1, 1984 |
| Registered Professional Engineer and Land Surveyor | Fred B. Kerr Jr. |
| Certificate No. | 3950 |



Vicinity Map for
AMOCO PRODUCTION COMPANY #1 KUTZ-FEDERAL
1730'FNL 1075'FEL Sec. 22-T28N-R10W
SAN JUAN COUNTY, NEW MEXICO

Angels
Peak

Jacques
Peak