

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-24888

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, N.M. 87401

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

At surface

1555' FSL x 790' FEL

At proposed prod. zone

Same

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

1/8 miles North of Farmington, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

790'

16. NO. OF ACRES IN-LEASE

637.12

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

27'

19. PROPOSED DEPTH

2050'

17. NO. OF ACRES ASSIGNED TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

5704' GL

22. APPROX. DATE WORK WILL START*

as soon as permitted

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|---|
| 12 1/4" | 8 5/8(New)" | 24# | 300' | 300 sx class B neat x 2% CaCl ₂ circ |
| 6 1/2" | 4 1/2(New)" | 10.5# | 2050' | 490sx class B neat x 50/50 POZ, 6% gel, 2# medium tuf plug per sx and .8% fluid loss additive - circ. |

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
STATE REQUIREMENTS

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

Amoco proposes to drill the above well to further develop the Fulcher Kutz Pictured Cliffs. 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 location will be cleaned and the reserve pit filled and leveled. Gas produced from this well is not dedicated to a gas sales contract.

Fee surface: need Rehab Plan

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

W. L. Peterson

TITLE District Engineer

DATE

1/22/81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

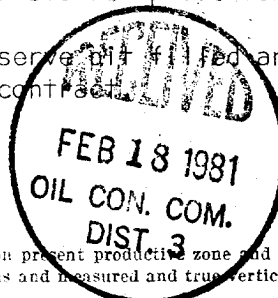
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

By Bruce Wamsley

ch 3~



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

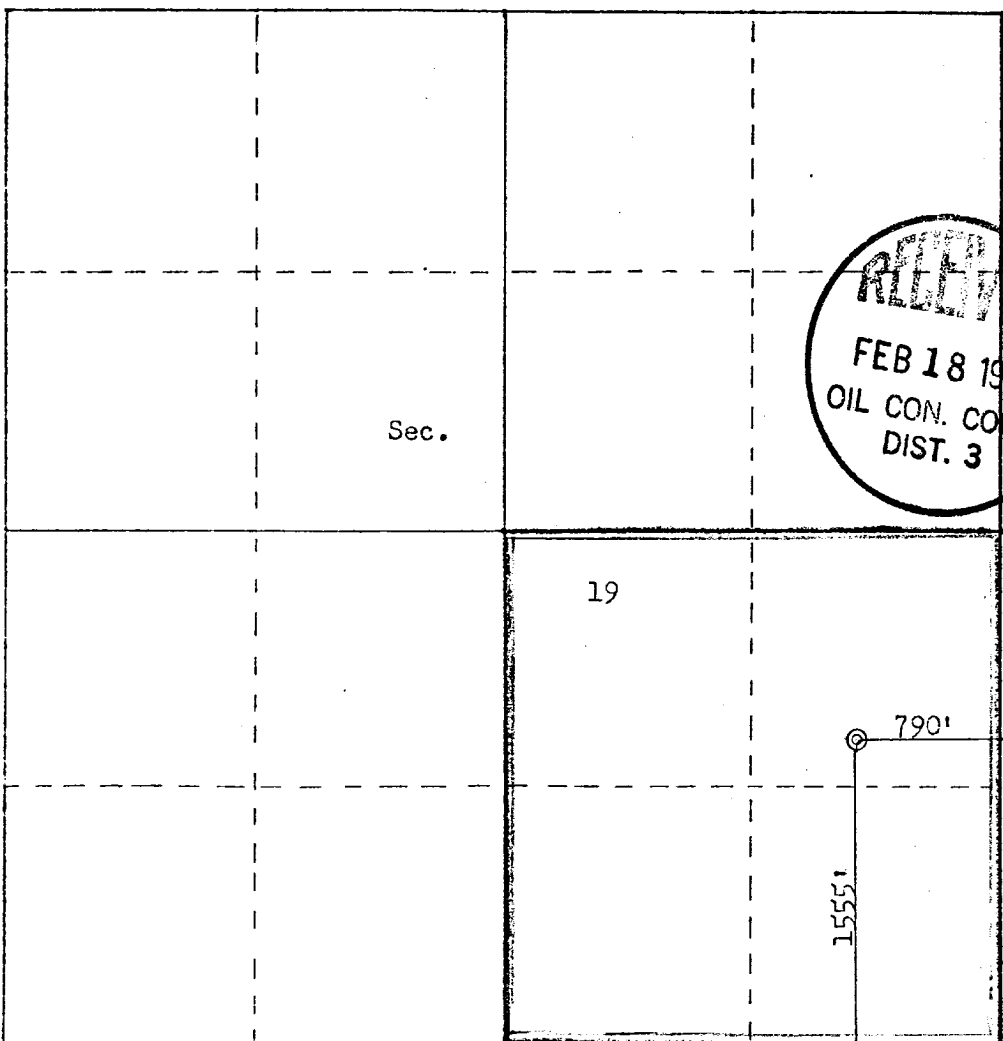
| | | | | | |
|---|---|------------------------|---|---------------------------|--|
| Operator AMOCO PRODUCTION COMPANY | | | Lease PAN AM-FEDERAL "C" | | Well No. 3 |
| Unit Letter I | Section 19 | Township 30N | Range 12W | County San Juan | |
| Actual Footage Location of Well: 1555 feet from the South line and 790 feet from the East line | | | | | |
| Ground Level Elev: 5704 | Producing Formation Pictured Cliffs | | Pool Fulcher Kutz Pictured Cliffs | | 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.) _____

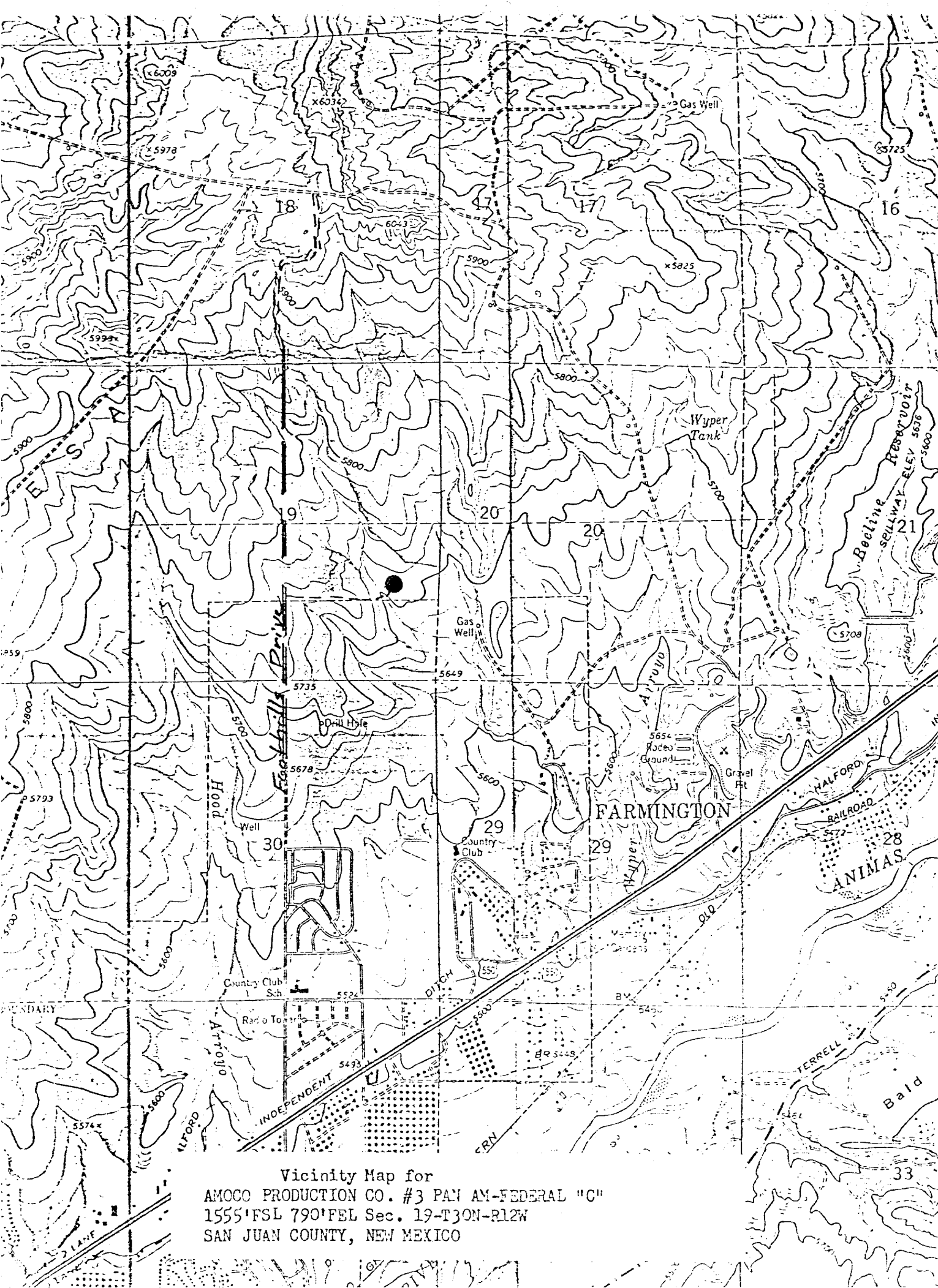
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



Scale: 1"=1000'

| | |
|---|---------------------------------|
| CERTIFICATION | |
| I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. | |
| Name | W. L. Peterson |
| Position | District Engineer |
| Company | Amoco Production Company |
| Date | 1/19/81 |
| 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 | January 8, 1981 |
| Registered Professional Engineer and Land Surveyor | |
| Fred B. Kerr Jr. | |
| Certificate No. | 3950 |





Vicinity Map for
AMOCO PRODUCTION CO. #3 PAN AM-FEDERAL "C"
1555'FSL 790'FEL Sec. 19-T30N-R12W
SAN JUAN COUNTY, NEW MEXICO

