

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

30-045-24842

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL OIL WELL [ ] GAS WELL [X] OTHER [ ] SINGLE ZONE [X] 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 1710' FNL x 1660' FEL At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\* 3.2 miles southwest of Aztec, New Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1660'

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2750'

21. ELEVATIONS (Show whether DP, RT, GR, etc.) 5837' GL

5. LEASE DESIGNATION AND SERIAL NO. SF 078144
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Pan Am Federal Gas Com "B"
9. WELL NO. IE
10. FIELD AND POOL, OR WILDCAT Basin Dakota
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/4NE/4 Section 31, T30N, R11W
12. COUNTY OR PARISH San Juan
13. STATE New Mexico

16. NO. OF ACRES IN LEASE 480

19. PROPOSED DEPTH 6741'

22. APPROX. DATE WORK WILL START\* as soon as permitted

23. PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Includes rows for 12 1/4" and 7 7/8" hole sizes.

This application to drill an Infill Basin Dakota well is pursuant to Order No. R-1670-V approved by the NMOCC on May 22, 1979. This well will qualify under Section 103 of the Natural Gas Policy Act under Order No. R-1670-V.

300 sx Class "B" x 2% CaCl2, circ. 1st Stage 350 sx Class "B" 50:50 Poz 2nd Stage 1100 sx x 6% Gel; 2# med tuf plug/sx, .8% FLA Tail in x 100 sx Class B Neat. DV tool 4826'

This well is dedicated to El Paso Natural Gas Contract No. 56742.



24. SIGNED W.L. Peterson District Engineer DATE 1/7/81 \* (This space for Federal or State office use)

APPROVED AS AMENDED APPROVAL DATE APPROVED BY JAMES F. SIMS DISTRICT ENGINEER

Handwritten notes: 1100 560, ch 300

OIL CONSERVATION DIVISION

P. O. BOX 2088

Form C-107  
Revised 10-1-78

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

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

Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>PAN AM-FEDERAL GAS COM "B"</b>		Well No. <b>1E</b>
Unit Letter <b>G</b>	Section <b>31</b>	Township <b>30N</b>	Range <b>11W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1710</b> feet from the <b>North</b> line and <b>1660</b> feet from the <b>East</b> line					
Ground Level Elev. <b>5837</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</b>	Dedicated Acreage: <b>308.5</b> 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?

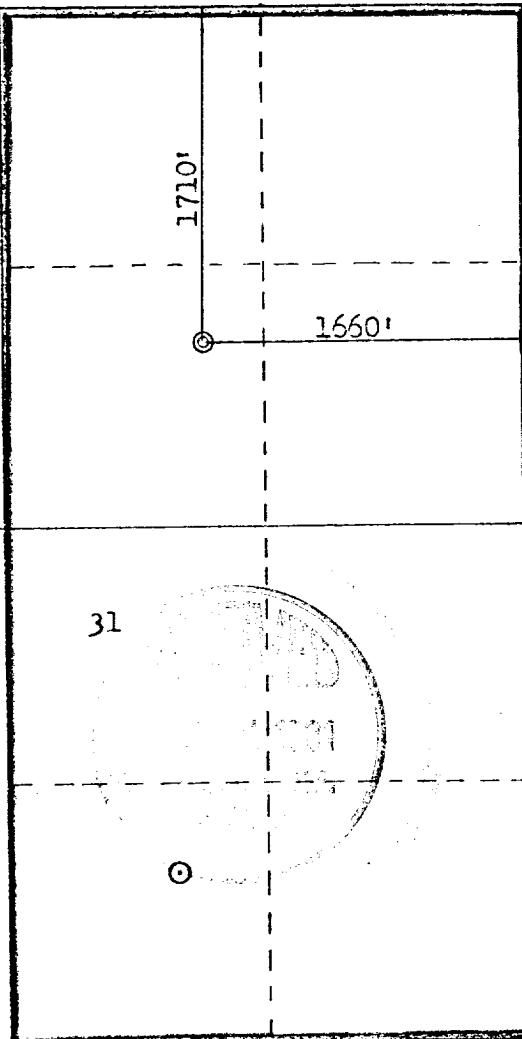
Yes  No If answer is "yes," type of consolidation Communitization

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.

Non-Standard Gas Proration  
Unit approved by order No.  
NWU 3-560 dated June 16, 1975

Amoco W. I.  
50%  
Sec.



Scale: 1"=1000'

CERTIFICATION

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

*Wayne Peterson*  
Name

W. L. Peterson

Position

District Engineer

Company

Amoco Production Company

Date

November 25, 1980

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

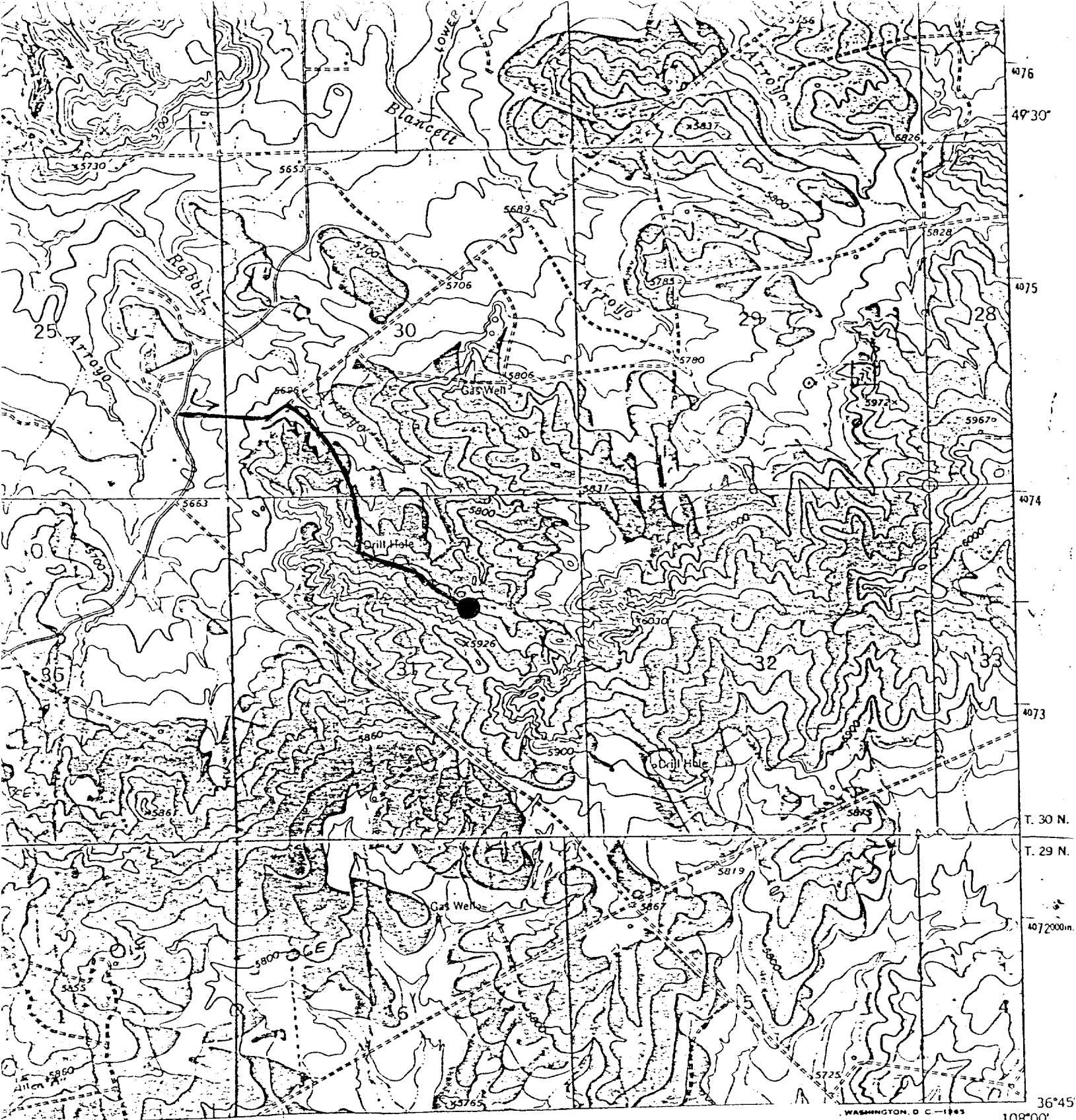
November 11, 1980

Registered Professional Engineer and Land Surveyor

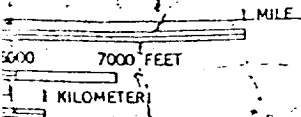
*Fred B. Kerr Jr.*  
Fred B. Kerr Jr.

Certificate No. 3950

KERR 19



Vicinity Map for  
 AMOCO PRODUCTION CO. #1E PAN AM-FEDERAL GAS COM "B"  
 1710'FNL 1660'FEL Sec. 31-T30N-R11W  
 SAN JUAN COUNTY, NEW MEXICO



QUADRANGLE LOCATION

- CLASSIFICATION
- Light-duty \_\_\_\_\_
  - Medium-duty \_\_\_\_\_
  - Unimproved dirt - - - - -
  - U.S. Route
  - State Route

FLORA VISTA, N. MEX.  
 N3645 - W10800/7 5