

30-045-20821  
Form C-101  
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

|                        |   |
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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|   |                               |   |                                  |
|---|-------------------------------|---|----------------------------------|
| 1a. Type of Work  |                               | 7. Unit Agreement Name                              |                                  |
| b. Type of Well<br>DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/><br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> |                               | 8. Farm or Lease Name<br>Culpepper Martin           |                                  |
| 2. Name of Operator<br>Aztec Oil & Gas Company  |                               | 9. Well No.<br>#4-A                                 |                                  |
| 3. Address of Operator<br>P. O. Drawer 570, Farmington, New Mexico 87401  |                               | 10. Field and Pool, or Wildcat<br>Blanco Mesa Verde |                                  |
| 4. Location of Well<br>UNIT LETTER <u>E</u> LOCATED <u>1470</u> FEET FROM THE <u>North</u> LINE<br>AND <u>820</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>28</u> TWP. <u>32N</u> RGE. <u>12W</u> NMPM   |                               | 12. County<br>San Juan                              |                                  |
| 19. Proposed Depth<br>5066'   |                               | 19A. Formation<br>Mesa Verde                        | 20. Rotary or C.T.<br>Rotary     |
| 21. Elevations (Show whether DF, RT, etc.)<br>5971'   | 21A. Kind & Status Plug. Bond | 21B. Drilling Contractor                            | 22. Approx. Date Work will start |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP        |
|--------------|----------------|-----------------|---------------|-----------------|-----------------|
| 13-3/4"      | 9-5/8"         | 36#             | 200'          | 190 sxs         | Surface         |
| 8-3/4"       | 7"             | 23#             | 2772'         | 170 sxs         | Cover Ojo Alamo |
| 6-1/4"       | 4-1/2"         | 10.50#          | 2622'-5066'   | 235 sxs         | Top of liner    |
|              | 2-3/8"         | 4.7#            | 5020'         |                 |                 |

Surface formation is Nacimiento.  
 Top of Ojo Alamo sand is at 1192'.  
 Top of Pictured Cliffs sand is at 2472'.  
 A fresh water mud system will be used for drilling to intermediate casing point.  
 An air system will be used for drilling to total depth.  
 It is anticipated that IES and Density logs well be run at total depth.  
 No abnormal pressures or poisonous gases are anticipated in this well.  
 It is expected that this well will be drilled before June, 1977. This depends on time required for approvals, rig availability and the weather.

*GAS IS DEDICATED*

*4-14-77*

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.  
 Signed [Signature] Title District Production Manager Date January 12, 1977

(This space for State Use)

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DIST. NO. 5 DATE JAN 14 1977  
 CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

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

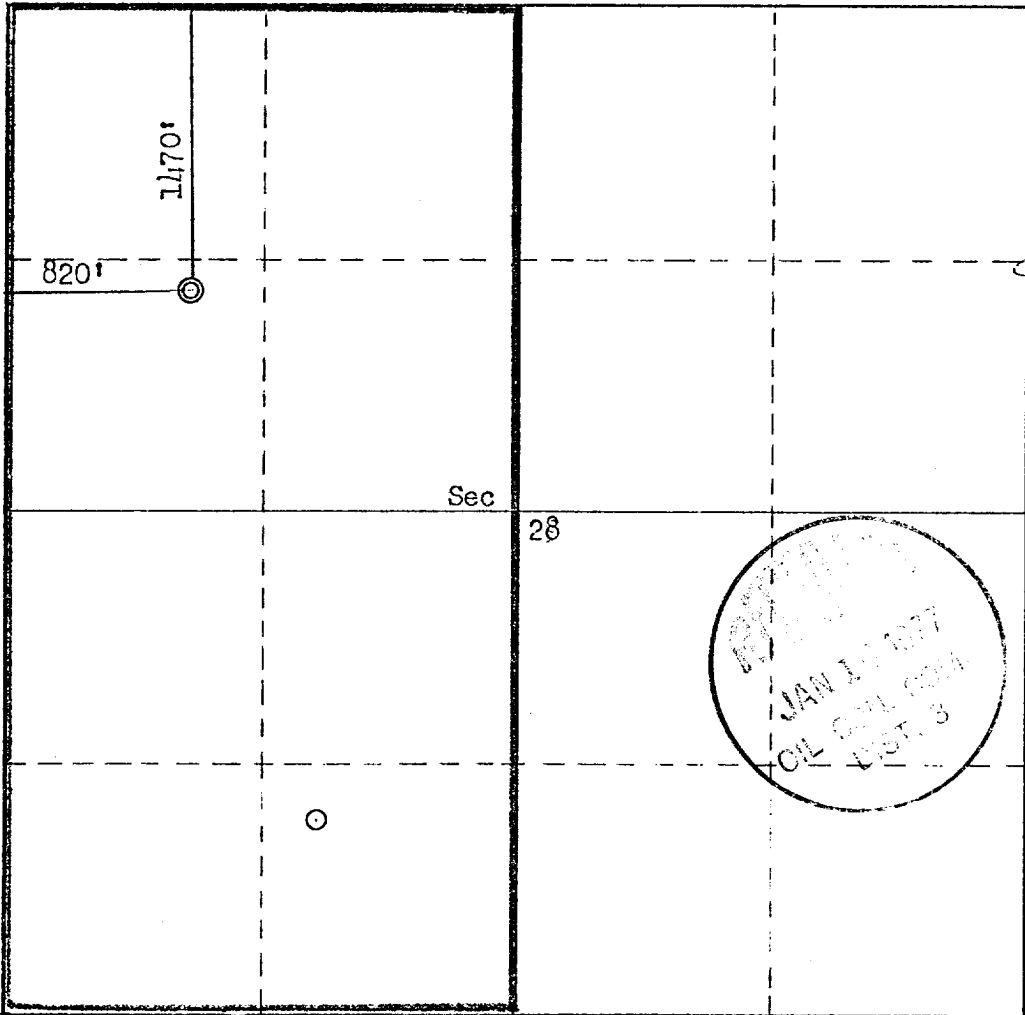
|   |                      |  |                                  |                     |                           |                       |  |  |
|---|----------------------|--|----------------------------------|---------------------|---------------------------|-----------------------|--|--|
| Operator<br><b>Aztec Oil &amp; Gas Company</b>  |                      |  | Lease<br><b>Culpepper-Martin</b> |                     |                           | Well No.<br><b>4A</b> |  |  |
| Unit Letter<br><b>E</b>   | Section<br><b>28</b> | Township<br><b>32N</b>                   |                                  | Range<br><b>12W</b> | County<br><b>San Juan</b> |                       |  |  |
| Actual Footage Location of Well:<br><b>1470</b> feet from the <b>North</b> line and <b>820</b> feet from the <b>West</b> line |                      |  |                                  |                     |                           |                       |  |  |
| Ground Level Elev.<br><b>5971</b>   |                      | Producing Formation<br><b>Mesa Verde</b> |                                  |                     | Pool<br><b>Blanco</b>     |                       | Dedicated Acreage:<br><b>320</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 \_\_\_\_\_

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.



CERTIFICATION

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

Name: *[Signature]*  
 Position: **District Production Manager**  
 Company: **Aztec Oil & Gas Company**  
 Date: **January 12, 1977**

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: **December 18, 1976**

Registered Professional Engineer and/or Land Surveyor:  
*[Signature]*  
**Fred B. Keer, Jr.**

Certificate No. **3950**

