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# NEW MEXICO CONSERVATION COMMISSION

OCT 13 1977

O. C. C.  
ARTESIA, OFFICE

30-015-22317

Form C-101  
Revised 1-1-65

|   |                              |
|---|------------------------------|
| 5A. Indicate Type of Lease                |                              |
| STATE <input checked="" type="checkbox"/> | FEE <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.              |                              |
| 647                                       |                              |

## 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>State BV                           |                                    |
| 2. Name of Operator<br>Atlantic Richfield Company   |  | 9. Well No.<br>1  |                                    |
| 3. Address of Operator<br>P. O. Box 1710, Hobbs, New Mexico 88240   |  | 10. Field and Pool, or Wildcat<br>Empire Morrow South (Gas) |                                    |
| 4. Location of Well<br>UNIT LETTER J LOCATED 1800 FEET FROM THE South LINE<br>AND 1980 FEET FROM THE East LINE OF SEC. 25 TWP. 17S RGE. 28E NMPM  |  | 12. County<br>Eddy  |                                    |
| 21. Elevations (Show whether DF, RT, etc.)<br>3688.5' GR  |  | 19. Proposed Depth<br>10,900'                               | 19A. Formation<br>Morrow South Gas |
| 21A. Kind & Status Plug. Bond<br>GCA #8   | 21B. Drilling Contractor<br>Not selected | 20. Rotary or C.T.<br>Rotary                                |                                    |
| 22. Approx. Date Work will start<br>10/25/77  |  |   |                                    |

23.

## PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE             | SIZE OF CASING  | WEIGHT PER FOOT             | SETTING DEPTH | SACKS OF CEMENT | EST. TOP      |
|--------------------------|-----------------|-----------------------------|---------------|-----------------|---------------|
| 20"                      | 20" OD          | 94#                         | 30'           | Redi-mix        | Surf          |
| 12-1/4"                  | 10-3/4" OD      | 40.5# K-55                  | 900'          | 410             | Circ to surf  |
| <del>8-3/4"</del> 9 1/2" | 7-5/8" OD       | 26.4 & 29.7#<br>K-55 & C-75 | 6800'         | 1075            | Circ to surf  |
| 6-3/4" to 9300'          | 4 1/2" OD liner | 11.6#                       | 6600-10,900'  | 575             | 6500' fr surf |
| 6-1/2" to 10,900'        |                 | k-55 & N-80                 |               |                 |               |

Blowout Preventer Program attached.

*Gas is not dedicated*

APPROVED FOR DRILLING  
FOR OIL & GAS  
DRILLING COMMENCED,

EXPIRES 1-17-78

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 Dist. Drlg. Supt. Date 10/12/77  
(This space for State Use)

APPROVED BY W. A. Gressitt TITLE SUPERVISOR, DISTRICT II DATE OCT 17 1977

CONDITIONS OF APPROVAL, IF ANY:

**N MEXICO OIL CONSERVATION COMMISS**  
**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

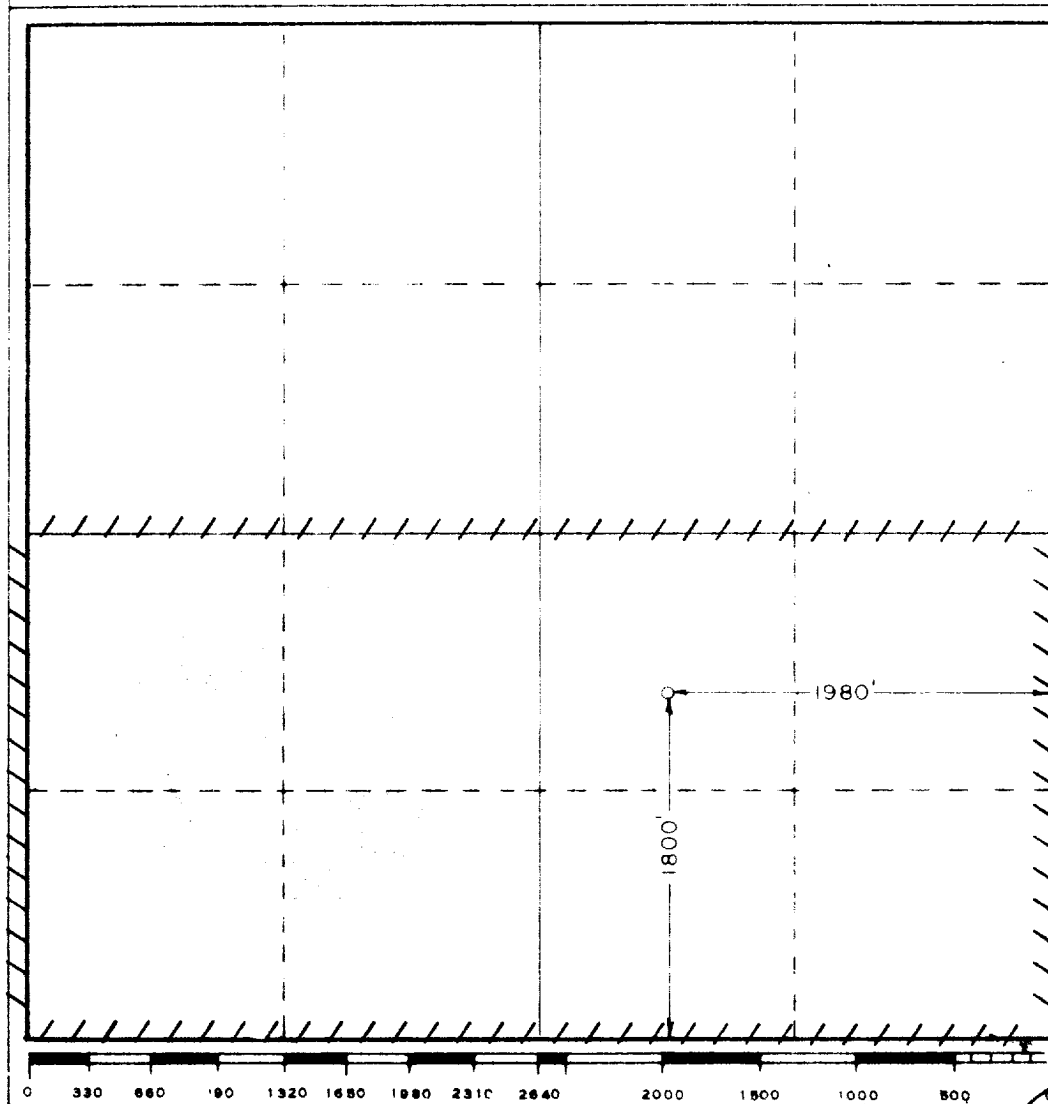
|  |  |                             |                                    |                       |  |
|--|--|-----------------------------|------------------------------------|-----------------------|--|
| Operator<br><b>Atlantic Richfield Co.</b>  |  |                             | Lease<br><b>State BV</b>           |                       | Well No.<br><b>1</b>                   |
| Init Letter<br><b>J</b>  | Section<br><b>25</b>                           | Township<br><b>17 South</b> | Range<br><b>28 East</b>            | County<br><b>Eddy</b> |  |
| Actual Footage Location of Well:<br><b>1800</b> feet from the <b>South</b> line and <b>1980</b> feet from the <b>East</b> line |  |                             |                                    |                       |  |
| Ground Level Elev.<br><b>3683.5</b>  | Producing Formation<br><b>Morrow South Gas</b> |                             | Pool<br><b>S Empire Morrow Gas</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 \_\_\_\_\_  
 Position \_\_\_\_\_  
**Dist. Drlg. Supt.**  
 Company  
**Atlantic Richfield Company**  
 Date  
**10/12/77**

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  
**10-6-77**  
 Registered Professional Engineer and/or Land Surveyor  
 \_\_\_\_\_  
 Certificate No.  
**676**