

DEC 23 1981

O. C. D.  
ARTESIA OFFICE

30-005-61326

Form C-101  
Revised 10-1-78

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

|                                                                                                                                                                                                                         |                                          |                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------------|
| 1a. Type of Work<br>DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>                                                                                        |                                          | 7. Unit Agreement Name                             |
| b. Type of Well<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. Term or Lease Name<br>BRITTON COM               |
| 2. Name of Operator<br>MESA PETROLEUM CO                                                                                                                                                                                |                                          | 9. Well No.<br>1                                   |
| 3. Address of Operator<br>1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701-4493                                                                                                                                                |                                          | 10. Field and Pool, or Wildcat<br>Undesignated ABO |
| 4. Location of Well<br>UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE<br>AND 1980 FEET FROM THE West LINE OF SEC. 6 TWP. 8S RGE. 26E                                                                               |                                          | 11. County<br>Chaves                               |
| 19. Proposed Depth<br>4350'                                                                                                                                                                                             |                                          | 19A. Formation<br>ABO                              |
| 20. Rotary or C.T.<br>ROTARY                                                                                                                                                                                            |                                          | 21. History of C.T.                                |
| 21. Elevations (show whether DE, RL, etc.)<br>3551.1' GR                                                                                                                                                                | 21A. Kind & Status Plug. Bond<br>BLANKET | 21B. Drilling Contractor<br>Desert Drilling        |
| 22. Approx. Date Work will start<br>February 16, 1982                                                                                                                                                                   |                                          |                                                    |

23.

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP         |
|--------------|----------------|-----------------|---------------|-----------------|------------------|
| 17 1/2"      | 13 3/8"        | 48#             | 900'          | 300/200/300     | SURFACE          |
| 11"          | 8 5/8"         | 24#             | 1600'         | 500/300         | ISOLATE WTR. O&G |
| 7 7/8"       | 4 1/2"         | 10.5#           | 4350'         | 500/500         | COVER ALL PAY    |

Propose to drill 17 1/2" hole to approximately 900', set 13 3/8" surface casing and cement to surface. Will reduce hole to 11" and drill to 1600' to set 8 5/8" casing. Will reduce hole to 7 7/8", nipple up RAM type BOP's, and drill to total depth. Drilling medium will be air, foam, or mud as required.

Gas Sales are dedicated.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 7-4-82  
UNLESS DRILLING UNDERWAY

XC: NMOC(6), TLS, CEN RCDS, ACCTG, ROSWELL, MEC, LAND, PARTNERS, FILE, REM

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 R. E. Moody Title REGULATORY COORDINATOR Date 12-22-81  
(This space for State Use)

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE JAN 4 1982  
CONDITIONS OF APPROVAL, IF ANY:

Notify N.M.O.C.C. in sufficient time to witness cementing the 13 3/8" casing

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form O-122  
Supersedes O-128  
Effective 12-65

All distances must be from the outer boundaries of the Section

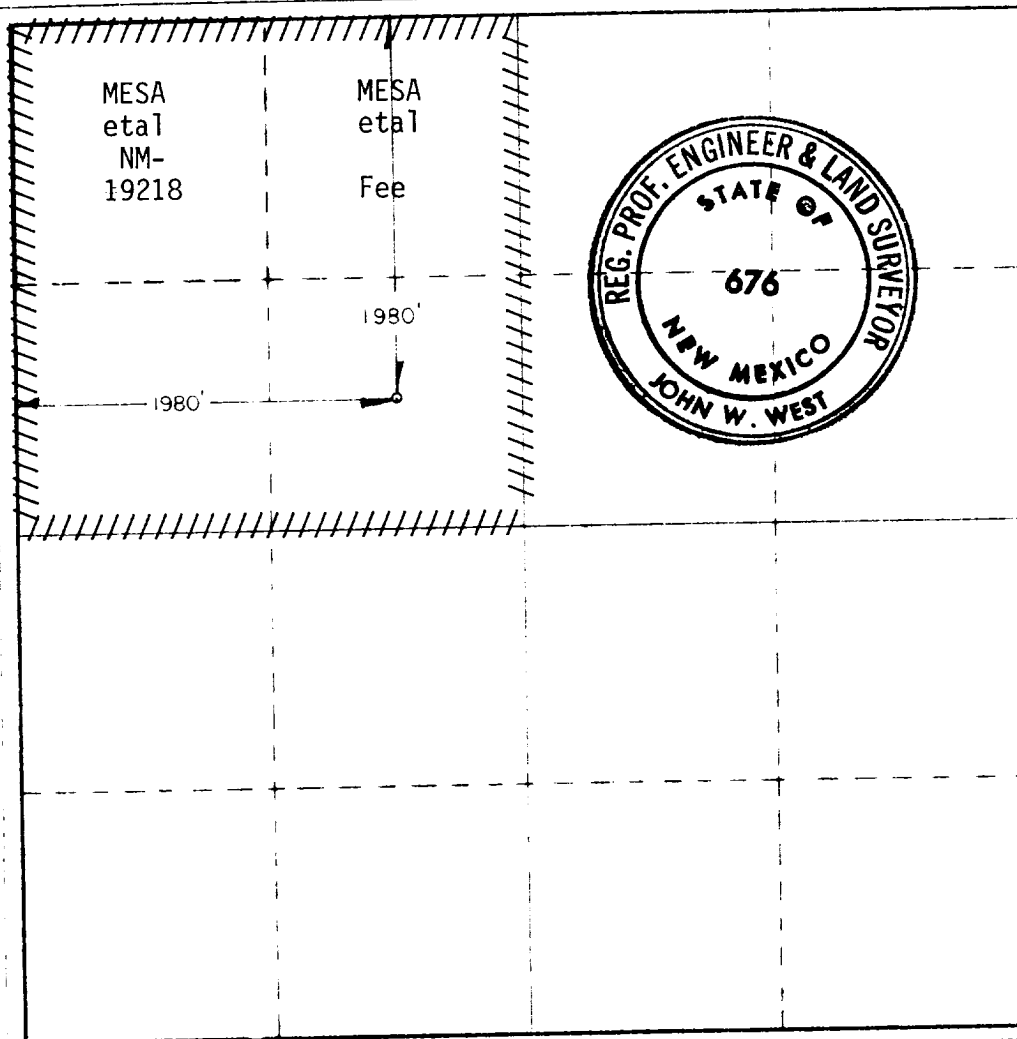
|                                                                                               |                            |                      |                       |                                  |               |
|-----------------------------------------------------------------------------------------------|----------------------------|----------------------|-----------------------|----------------------------------|---------------|
| MESA PETROLEUM COMPANY                                                                        |                            |                      | Lease<br>BRITTON COM. |                                  | Well No.<br>1 |
| Section Letter<br>F                                                                           | Section<br>6               | Township<br>8 South  | Range<br>26 East      | County<br>Chaves                 |               |
| Actual Footage Location of Well:<br>1980 feet from the North line and 1980 feet from the West |                            |                      |                       |                                  |               |
| Ground Level Elev.<br>3551.1                                                                  | Producing Formation<br>ABO | Pool<br>Undesignated |                       | Designated "A" Tract<br>NW/4 160 |               |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 in progress

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

*R. E. Mathis*

Name  
**R. E. Mathis**  
Position  
**Regulatory Coordinator**  
Company  
**Mesa Petroleum Co.**

Date  
**12-22-81**

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:  
**12/4/81**

Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No. **JOHN W. WEST 676**  
**PATRICK A. ROMERO 6463**  
**Ronald J. Eidson 3239**

130 660 90 1320 1650 1980 2310 2640 2000 1500 1000 500