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AMMENDED  
**RECEIVE**  
 NEW MEXICO OIL CONSERVATION COMMISSION  
 JUN 23 1978  
**O. C. C.**  
 ARTEBIA, OFFICE

Form C-101  
 Revised 1-1-65

|   |
|---|
| 5A. Indicate Type of Lease<br>STATE <input type="checkbox"/> FEE <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.<br>LG3219  |

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

|   |  |   |
|---|--|---|
| 1a. Type of Work<br>b. Type of Well<br>DRILL <input checked="" type="checkbox"/> Ammended      DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/><br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> |  | 7. Unit Agreement Name                                  |
| 2. Name of Operator<br>Southern Union Exploration Company   |  | 8. Farm or Lease Name<br>Susco State                    |
| 3. Address of Operator<br>1800 First International Building, Dallas, Texas 75270  |  | 9. Well No.<br>4  |
| 4. Location of Well<br>UNIT LETTER <u>0</u> LOCATED <u>1780</u> FEET FROM THE <u>east</u> LINE<br>AND <u>660</u> FEET FROM THE <u>south</u> LINE OF SEC. <u>19</u> TWP. <u>9-S</u> RGE. <u>33-E</u> NMPM  |  | 10. Field and Pool, or Wildcat<br>Flying "M" San Andres |
|   |  | 12. County<br>Lea                                       |
|   |  |   |
| 19. Proposed Depth<br>4500'   |  | 19A. Formation<br>San Andres                            |
| 20. Rotary or C.T.<br>Rotary  |  |   |
| 21. Elevations (Show whether DF, RT, etc.)<br>4367.8 GR   | 21A. Kind & Status Plug. Bond<br>Blanket | 21B. Drilling Contractor<br>Cactus Drilling Company     |
| 22. Approx. Date Work will start<br>June 22, 1978   |  |   |

### 23. PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP  |
|--------------|----------------|-----------------|---------------|-----------------|-----------|
| 12 1/4       | 8 5/8          | 24#             | 500'          | 300             | circulate |
| 7 7/8        | 4 1/2          | 9.5#            | 4500'         | 200             | 3400'     |

BOP equipment will be used in accordance with New Mexico state rules and will be adequate for the area.

SEE ATTACHED BOP SKETCH

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 J.W. Mulloy J.W. Mulloy Title Agent Date 6-21-78

(This space for State Use)

APPROVED BY John W. Runyan TITLE Geologist DATE JUN 26 1978

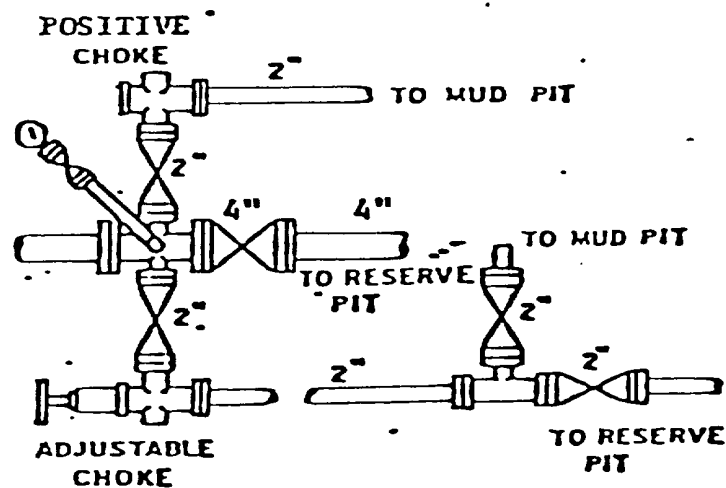
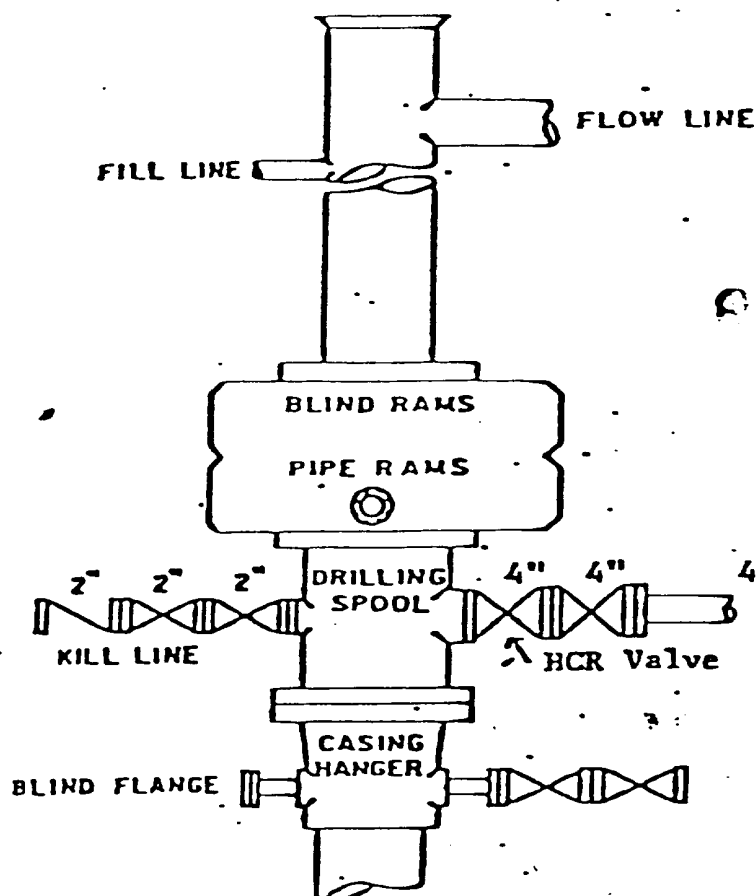
CONDITIONS OF APPROVAL, IF ANY:

1 - 7 station Koomey Accumulator

1 - Koomey Remote Stand

5000 WP Manifold

1 - 10<sup>0</sup> Shaeffer Double BOP 900 Series, 3000 WP



### BOP Sketch

Southern Union Exploration Co.

Susco State #4

1780' FEL, 660' FSL, Section 19,

T-9-S, R-33-E

Lea County, New Mexico

## AMENDED

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLATForm C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

|   |  |                            |                             |                                       |                      |
|---|--|----------------------------|-----------------------------|---------------------------------------|----------------------|
| Operator<br><b>SOUTHERN UNION EXPLORATION COMPANY</b> |  |                            | Lease<br><b>Susco-State</b> |                                       | Well No.<br><b>4</b> |
| Unit Letter<br><b>0</b>                               | Section<br><b>19</b>                     | Township<br><b>9 South</b> | Range<br><b>33 East</b>     | County<br><b>Lee</b>                  |                      |
| Actual Footage Location of Well:                      |  |                            |                             |                                       |                      |
| <b>1780</b>   |  | feet from the <b>east</b>  | line and <b>660</b>         | feet from the <b>south</b>            | line                 |
| Ground Level Elev.<br><b>4367.8</b>                   | Producing Formation<br><b>San Andres</b> |                            | Pool<br><b>Flying "M"</b>   | Dedicated Acreage:<br><b>80</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.

|   |   |
|---|---|
|   | <b>CERTIFICATION</b><br><br>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.   |
|   | Name<br><b>J. W. Mulloy</b>   |
|   | Position<br><b>Agent</b>  |
|   | Company<br><b>Southern Union Exploration Co.</b>  |
|   | Date<br><b>6-21-78</b>  |
|   | 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<br><b>June 14, 1978</b>                                   |   |
| Registered Professional Engineer and/or Land Surveyor<br><br>           |   |
| Certificate No. <b>John W. West 676</b><br><b>Ronald J. Eidson 3239</b> |   |