

31-025-25968

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## NEW MEXICO OIL CONSERVATION COMMISSION

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.	
LG 3219	

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

1a. Type of Work			7. Unit Agreement Name		
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> 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"/>			8. Farm or Lease Name Susco State		
2. Name of Operator Southern Union Exploration Company			9. Well No. 4		
3. Address of Operator 1800 First International Building - Dallas, Texas 75270			10. Field and Pool, or Wildcat Flying "M" San Andres		
4. Location of Well UNIT LETTER 0 LOCATED 1780' FEET FROM THE East LINE AND 460' FEET FROM THE South LINE OF SEC. 19 TWP. 9-S RGE. 33-E NMPM			12. County Lea		
19. Proposed Depth 4500'			19A. Formation San Andres		20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 4367.8 GR	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Unknown	22. Approx. Date Work will start June 20, 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	Circulated
7 7/8	4 1/2"	9.5#	4500'	200	3,400'

Blowout equipment will be used in accordance with New Mexico State Rules and will be adequate for the area.

SEE ATTACHED BOP SKETCH.

APPROVED BY  
FOR 30 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES

Sept 6, 1975

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 John W. Mulligan Title Agent Date 5-31-78  
(This space for State Use)

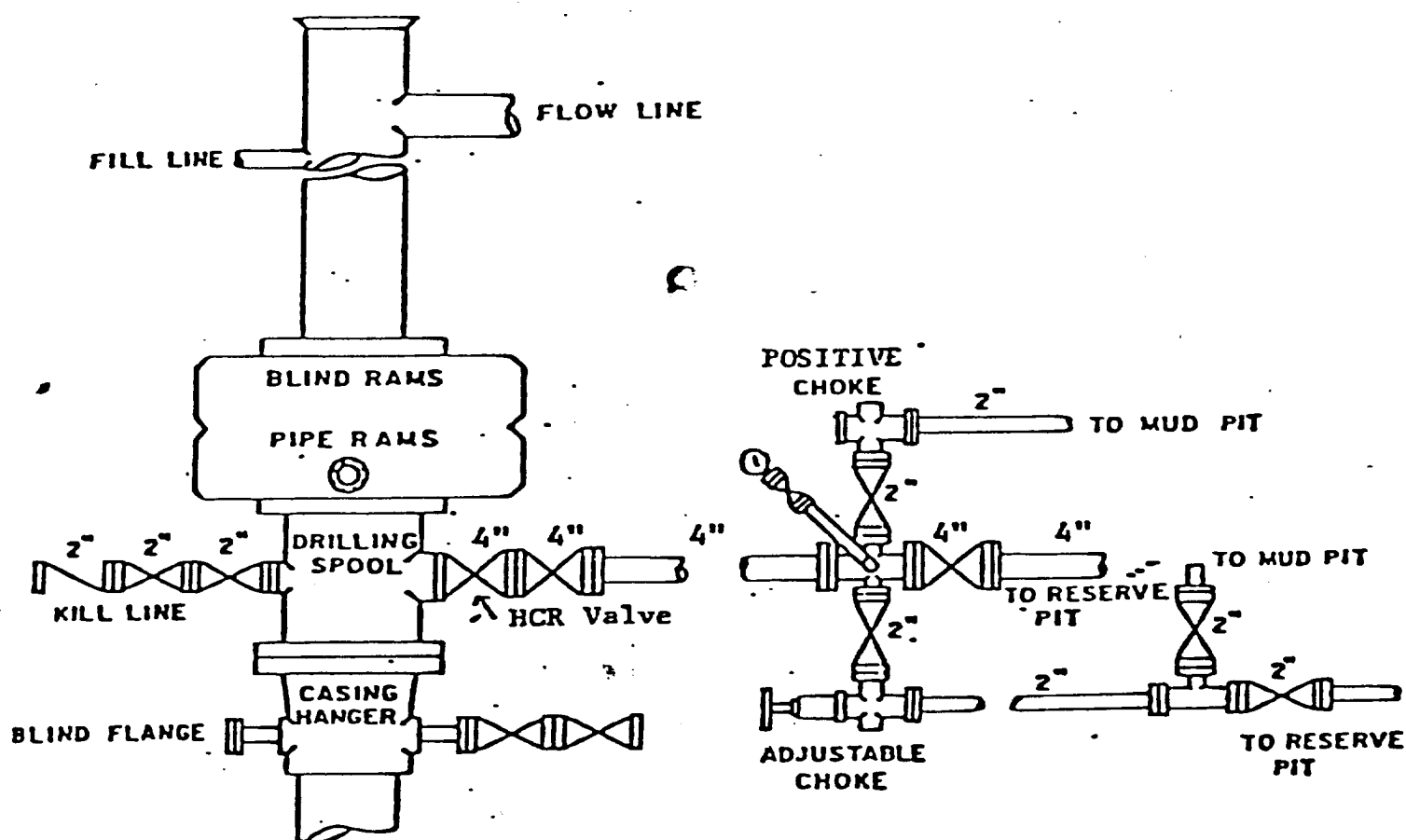
APPROVED BY John W. Mulligan TITLE Geologist DATE JUN 08 1978  
CONDITIONS OF APPROVAL, IF ANY:

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, 460' FSL, Section 19,  
T-9-S, R-33-E  
Lea County, New Mexico

**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

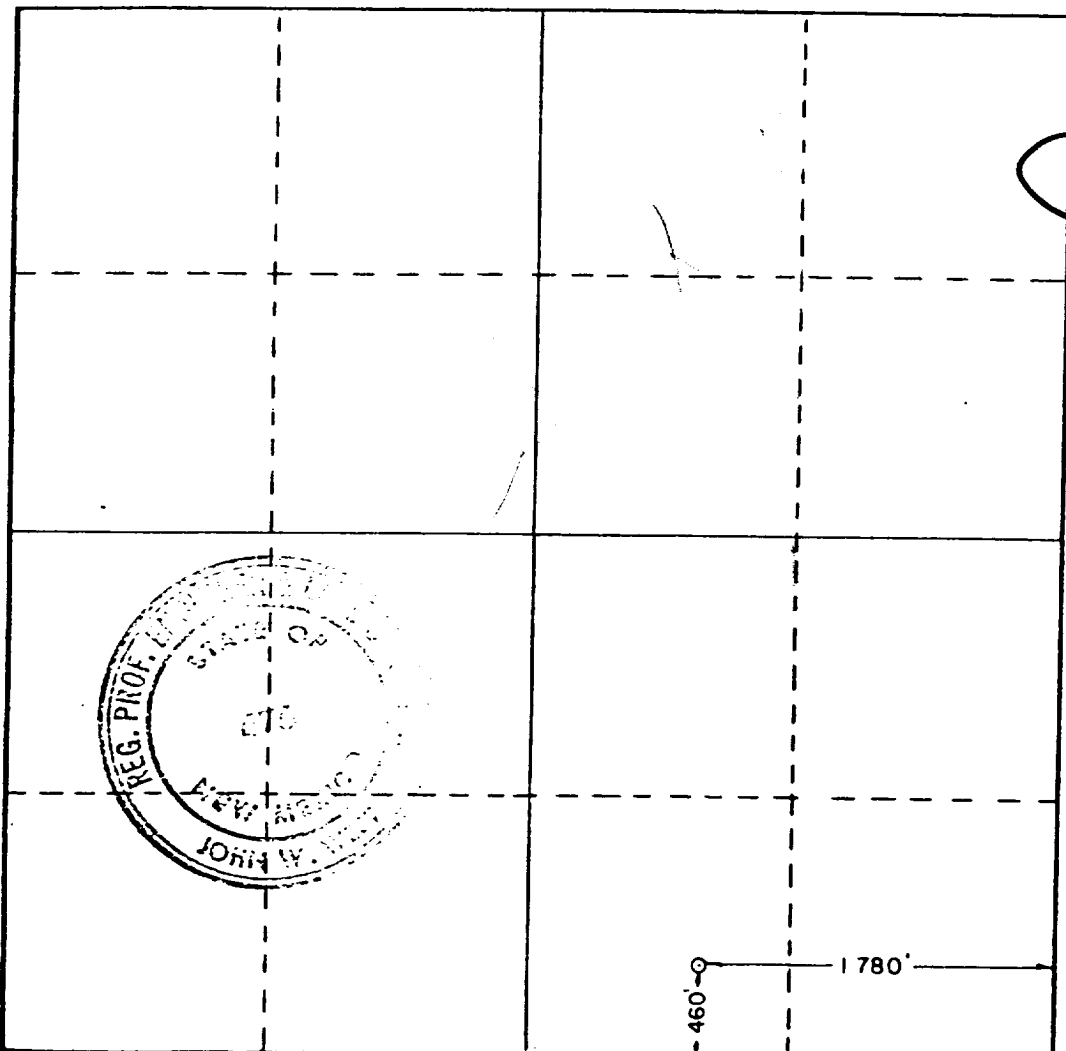
Operator <b>Southern Union Exploration Co.</b>			Lease <b>Susco State</b>		Well No. <b>4</b>
Unit Letter <b>O</b>	Section <b>19</b>	Township <b>9 South</b>	Range <b>33 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>460</b> feet from the <b>South</b> line and <b>1780</b> feet from the <b>East</b> line					
Ground Level Elev. <b>4367.8</b>	Producing Formation <b>San Andres</b>		Pool <b>Flying "M"</b>		Dedicated Acreage: <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.



**CERTIFICATION**

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

*John W. Mulloy*  
Name  
**John W. Mulloy**

Position

**Agent**

Company

**Southern Union Exploration Co**

Date

**5-31-78**

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

**4/22/78**

Registered Professional Engineer  
and/or Land Surveyor

*John W. West*  
Certificate No. **John W. West**

**676**

**Ronald J. Eldon 3239**

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JUN 27 1978

THE CONSTITUTION COMM.  
HOOVER, H. M.

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