

30-125-27173

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 11-65

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|                     |                                              |                                   |                                    |
|---------------------|----------------------------------------------|-----------------------------------|------------------------------------|
| a. Type of Work     | DRILL <input type="checkbox"/>               | DEEPEN <input type="checkbox"/>   | PLUG BACK <input type="checkbox"/> |
| b. Type of Well     | CIL WELL <input checked="" type="checkbox"/> | GAS WELL <input type="checkbox"/> | OTHER <input type="checkbox"/>     |
| c. Name of Operator | Gifford, Mitchell & Wisenbaker               |                                   |                                    |

|                        |
|------------------------|
| 7. Unit Agreement Name |
| Undesignated           |
| 8. Name of Lease Name  |
| Buffalo Hump           |

|                        |                                    |
|------------------------|------------------------------------|
| d. Address of Operator | 1280 MNB TWR. Midland, Texas 79701 |
|------------------------|------------------------------------|

|                               |
|-------------------------------|
| 9. Well No.                   |
| 4                             |
| 10. Field and Pool, or Fillet |
| Comanche Stateline            |

|                                                             |                                                     |
|-------------------------------------------------------------|-----------------------------------------------------|
| e. Location of Well                                         | UNIT LETTER F LOCATED 2180 FEET FROM THE North LINE |
| 1980 FEET FROM THE West LINE OF SEC. 27 TWP. 26-S RGE. 36-E |                                                     |

|            |
|------------|
| 11. County |
| Lea        |

|                    |
|--------------------|
| 12. Proposed Depth |
| 4000'              |

|               |
|---------------|
| 13. Formation |
| Tansil-Yates  |

|                    |
|--------------------|
| 14. History or CIP |
| Rotary             |

|                                  |
|----------------------------------|
| 15. Approx. Date Work will start |
| 1/10/81                          |

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              | 1400          | 750             | Surface  |
| 7 7/8"       | 5 1/2"         | 14              | 3750          | 450             | 1000'    |

The Blowout Preventer Program will consist of one 10" 3000 psi WP double BOP (1 pipe ram, 1 blind ram). The BOP will be installed when 8 5/8" casing is set and cemented.

APPROVAL VALID  
FOR 30 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 3/5/81

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION 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.

|                    |                    |         |
|--------------------|--------------------|---------|
| Signature          | Title              | Date    |
| <i>L. B. Swift</i> | Production Manager | 12/5/80 |

(This space for State Use)

|                    |       |      |
|--------------------|-------|------|
| APPROVED BY        | TITLE | DATE |
| <i>[Signature]</i> |       |      |

REVISIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WE LOCATION AND ACREAGE DEDICATI PLAT

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

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

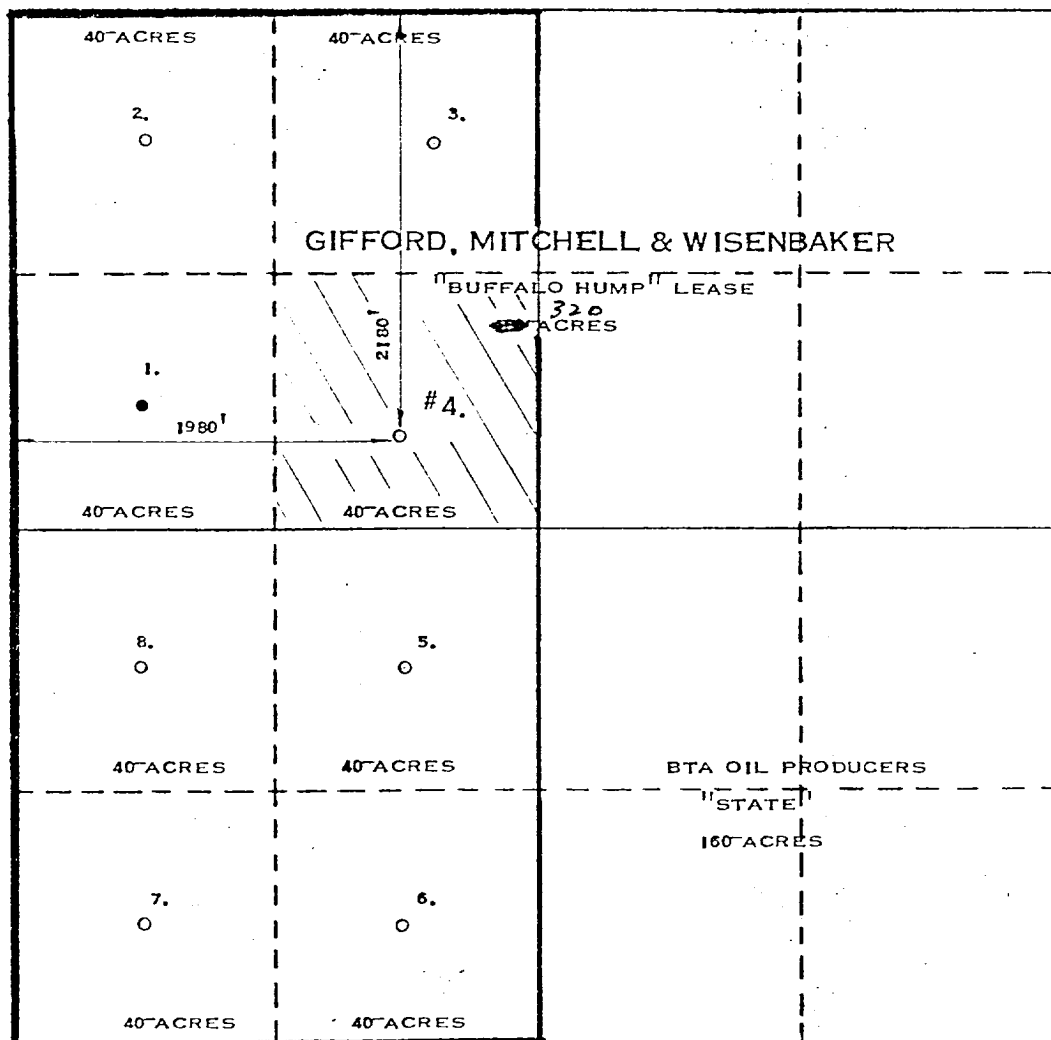
|                                                                                                                                |                                            |                          |                                    |                                       |                      |
|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------|------------------------------------|---------------------------------------|----------------------|
| Operator<br><b>GIFFORD, MITCHELL &amp; WISENBAKER</b>                                                                          |                                            |                          | Lease<br><b>BUFFALO HUMP</b>       |                                       | Well No.<br><b>4</b> |
| Unit Letter<br><b>"F"</b>                                                                                                      | Section<br><b>-27</b>                      | Township<br><b>-26-S</b> | Range<br><b>-36-E</b>              | County<br><b>LEA</b>                  |                      |
| Actual Footage Location of Well:<br><b>2180</b> feet from the <b>NORTH</b> line and <b>1980</b> feet from the <b>WEST</b> line |                                            |                          |                                    |                                       |                      |
| Ground Level Elev.<br><b>2894</b>                                                                                              | Producing Formation<br><b>TANSIL YATES</b> |                          | Pool<br><b>COMANCHE STATE LINE</b> | Dedicated Acreage:<br><b>40</b> Acres |                      |

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 \_\_\_\_\_

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.

*L. B. Stitt*

Name

*L. B. Stitt*

Position

*Production Manager*

Company

*Gifford, Mitchell & Wisenbaker*

Date

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

**SEPTEMBER 30, 1980**

Registered Professional Engineer and/or Land Surveyor

*Max A. Schumann Jr.*

**MAX A. SCHUMANN JR.**

Certificate No.

**1510**

