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# NEW MEXICO OIL CONSERVATION COMMISSION

30-125-26787

Form C-101  
Revised 14-85

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

## 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"/>				Undesignated	
c. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>				8. Farm or Lease Name	
2. Name of Operator				Buffalo Hump	
3. Address of Operator				9. Well No.	
1280 Midland National Bank Tower Midland, Texas 79701				2	
4. Location of Well				10. Field and Pool, or Wildcat	
UNIT LETTER D LOCATED 660 FEET FROM THE North LINE				Comanche Stateline	
AND 660 FEET FROM THE West LINE OF SEC. 27 TWP. 26-S R. 36-E N.M.P.M.				12. County	
				Lea	
11. Proposed Depth		19A. Formation		25. Rotary or C.T.	
4000'		Tansil-Yates		Rotary	
1. Elevations (show whether DT, KI, etc.)		21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
2906 GL		Blanket		10/5/80	
21B. Drilling Contractor		22. Approx. Date Work will start			
Price Drilling Co.					

## 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	1000	surface
7 7/8"	5 1/2"	14	3750	550	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.

THIS PERMIT IS VALID  
FOR THE DEEPENING OF THIS  
WELL COMMENCED,

EXPIRES 11/15/80

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. B. Staff Title Production Engineer Date 8/13/80

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR OF MINING DATE AUG 15 1980

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
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.

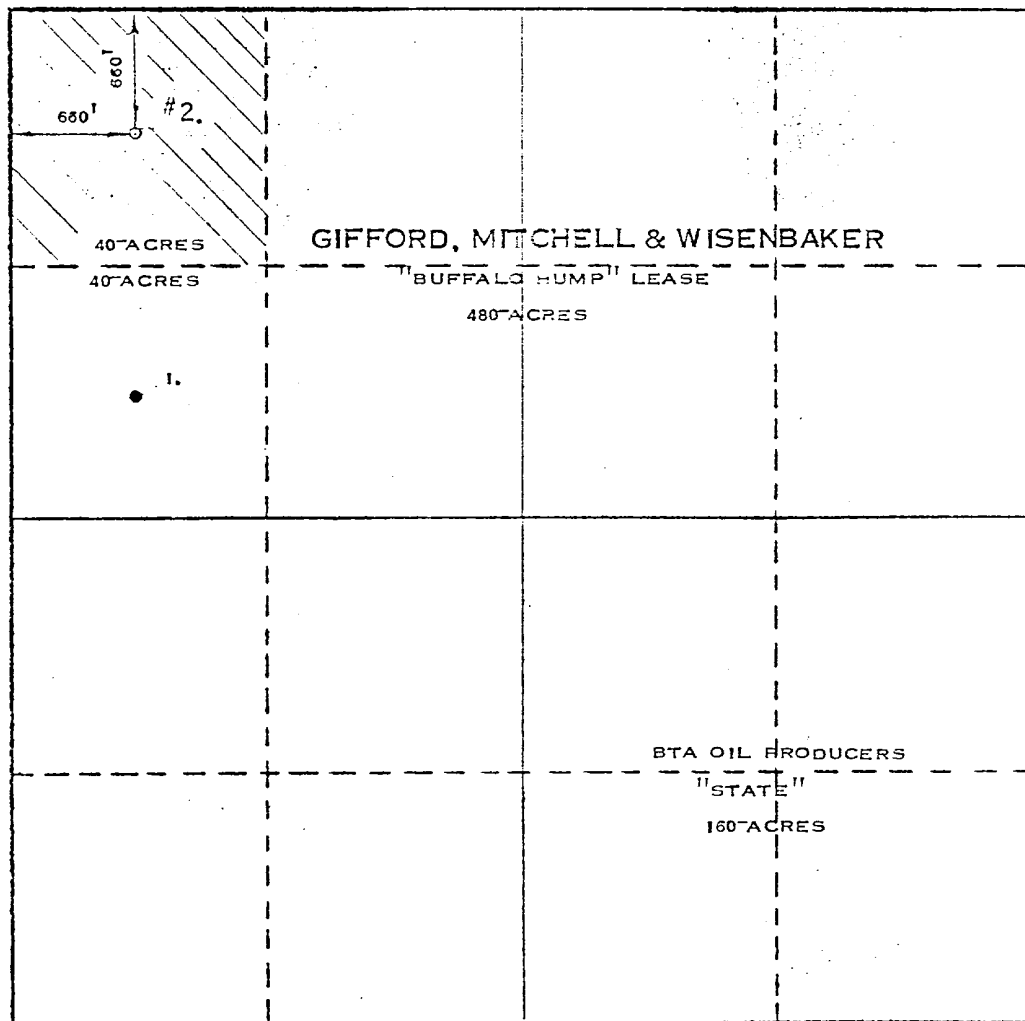
Operator <b>GIFFORD, MITCHELL &amp; WISENBAKER</b>			Lease <b>BUFFALO HUMP</b>		Well No. <b>2</b>
Unit Letter <b>"D"</b>	Section <b>27</b>	Township <b>-26-S</b>	Range <b>-36-E</b>	County <b>LEA</b>	
Actual Footage Location of Well: <b>660</b> feet from the <b>NORTH</b> line and <b>660</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>2906</b>	Producing Formation <b>TANSIL YATES</b>		Pool <b>COMANCHE STATE LINE</b>	Dedicated Acreage: <b>40</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.

*I. B. Stitt*

Name

I. B. Stitt

Position

Production Engineer

Company

Gifford, Mitchell & Wisenbaker

Date

8/13/80

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

AUGUST 12, 1980

Registered Professional Engineer and/or Land Surveyor

MAX A. SCHUMANN JR.

Certificate No.

1510