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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. <b>B-9642</b>
7. Unit Agreement Name -
8. Farm or Lease Name <b>Chem-State</b>
9. Well No. <b>3</b>
10. Field and Pool, or Wildcat <b>Tulsa (Wolfcamp)</b>
12. County <b>Lea</b>
19. Proposed Depth <b>10,000'</b>
19A. Formation <b>Wolfcamp</b>
20. Rotary or C.T. <b>Rotary</b>
21. Elevations (Show whether DF, RT, etc.) <b>later</b>
21A. Kind & Status Plug. Bond <b>Blanket</b>
21B. Drilling Contractor <b>later</b>
22. Approx. Date Work will start <b>9-17-68</b>

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

1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	2. Name of Operator <b>Phillips Petroleum Company</b>	3. Address of Operator <b>Room B-2, Phillips Building, Odessa, Texas 79760</b>	4. Location of Well UNIT LETTER <b>F</b> LOCATED <b>1986</b> FEET FROM THE <b>North</b> LINE AND <b>1980</b> FEET FROM THE <b>West</b> LINE OF SEC. <b>4</b> TWP. <b>15S</b> RGE. <b>32E</b> NMPM
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	400'	450 sx Class H	cir. to surf
11"	8-5/8"	32 & 24#	4100'	650 sx LW & Class H	2000' (base of salt)
7-7/8"	5-1/2"	17 & 20#	total depth	Amount required	Sufficient to cir. back into Abo.

Drill with native mud with control properties as required.

Series 900 hydraulically operated BOP equipment with fluid rams and pipe rams to be used in drilling well.

APPROVAL VALID  
FOR 72 DAYS FROM DATE  
OF ISSUANCE

13 3/8

12-13-68

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 W. J. Mueller Title Associate Reservoir Engineer Date 9-11-68

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE SEP 13 1968

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.

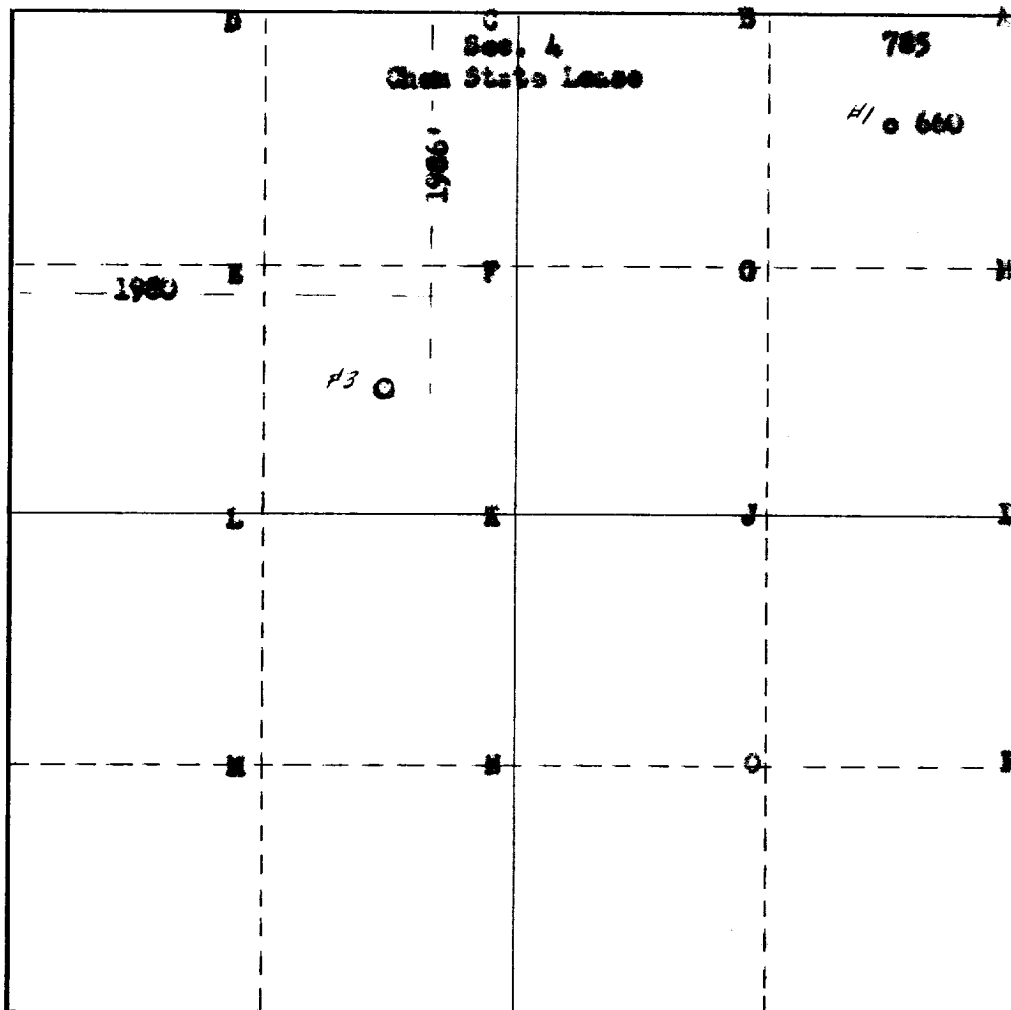
Operator <b>Phillips Petroleum Company</b>			Lease <b>Chen State</b>		Well No. <b>3</b>
Unit Letter <b>F</b>	Section <b>4</b>	Township <b>1-15-S</b>	Range <b>2-32-E</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>1986</b> feet from the <b>North</b> line and <b>1980</b> feet from the <b>West</b> line					
Ground Level Elev. <b>Later</b>	Producing Formation <b>Wolfcamp</b>		Pool <b>Wolfcamp</b>		Dedicated Acreage: <b>40</b> Acres

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.

*[Signature]*  
Name **W. J. Mueller**

Position **Associate Reservoir Engineer**

Company **Phillips Petroleum Company**

Date **9-11-68**

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.

**9-11-68**

Date Surveyed **Roger L. Lefler**

Registered Professional Engineer and/or Land Surveyor

*[Signature]*  
Certificate # **4397**

COUNTY LEA FIELD Tulk STATE NM 30-025-22747  
 OPR PHILLIPS PET. CO. MAP  
 3 Chem-Strate  
 Sec 4, T-15-S, R-32-E  
 1986' FNL, 1980' FWL of Sec.  
 Spd 9-25-68  
 Cmp 11-24-68 CLASS

CSG & SX - TUBING	FORMATION	DATUM	FORMATION	DATUM
13 3/8" at 385' w/475 sx				
8 5/8" at 4090' w/400 sx				
5 1/2" at 10,012' w/400 sx				
LOGS EL GR RA IND HC A				
	TD 10,012'; PBD 9975'			

IP (Enough "C") Perf 9744-9802' P 90 BOPD + 220 BW. Pot based  
 on 24 hr test, GOR 680, Grav 44.1

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CONT. Cactus PROP DEPTH 10,000' TYPE  
 DATE

F.R. 9-19-68; Opr's Elev. 4319' KB  
 PD 10,000' (Wolfcamp)  
 Contractor - Cactus  
 10-1-68 Drlg. 3580' anhy & salt  
 10-8-68 Drlg. 5020'  
 10-15-68 Drlg. 6850' 1m  
 10-22-68 Drlg. 8875' 1m  
 10-29-68 Drlg. 9950'  
 11-5-68 TD 10,012'; FBD 9975'; Prep perf  
 11-12-68 TD 10,012'; PBD 9975'; Prep run tracer  
 Perf 9744-50', 9766-69', 9776-82', 9786-98',  
 9800-02' w/2 SPF  
 Swbd 10 BO + 90 B salt wtr in 10 hrs (9744-9802')  
 11-19-68 TD 10,012'; PBD 9975'; Prep RU Pmp  
 Acid (9744-9802') 1000 gals (15%)  
 Swbd 18 BO + 14 BAW + 76 B salt wtr in 10 hrs  
 (9744-9802')

LEA Tulk NM  
PHILLIPS PET. CO. #3 Chem-State

Sec 4-15S-32E  
Page 2

11-19-68 Continued  
[REDACTED] Acid (9744-9802') 4000 gals (28%)  
Swbd & flwd 40 BO + 26 BAW + 94 B salt wtr in  
10 hrs (9744-9802')

11-26-68 TD 10,012'; PBD 9975'; TO Pmp  
Ppū 70 BO + 200 B salt wtr in 24 hrs, GOR 681

12-2-68 TD 10,012'; PBD 9975'; COMPLETE  
LOG TOPS: Anhydrite 1470', Yates 2487', Queen  
3273', San Andres 3995', Glorieta 5535', Tubb  
6887', Abo 7625', Wolfcamp 8895', Bough "C"  
9700'

12-5-68 COMPLETION REPORTED