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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-9642
7. Unit Agreement Name Chem State
8. Farm or Lease Name Chem State
9. Well No. 4
10. Field and Pool, or Wildcat Talk Wolfcamp
12. County Lea
19. Proposed Depth 10,000'
19A. Formation Wolfcamp
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) Later
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor Later
22. Approx. Date Work will start March 19, 1969

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 Phillips Petroleum Company	3. Address of Operator Room B-2, Phillips Bldg., Odessa, Texas 79760	4. Location of Well UNIT LETTER I LOCATED 660 FEET FROM THE east LINE AND 1940 FEET FROM THE south LINE OF SEC. 4 TWP. 15-S RGE. 32-E NMPM
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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'	500 ex Class H	Circ to surface
11"	8-5/8"	32#, 24#	4100'	425 ex Class H	2,500' approx.
7-7/8"	5-1/2"	17#, 20#	Total Depth	400 ex Trinity Inferno	7500'

Drill with native and 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 90 DAYS UNLESS
CORKING COMMENCED

June 17, 1969

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 3-14-69
(This space for State Use)

APPROVED BY John W. Runyan TITLE Engineer DATE MAR 10 1969
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.

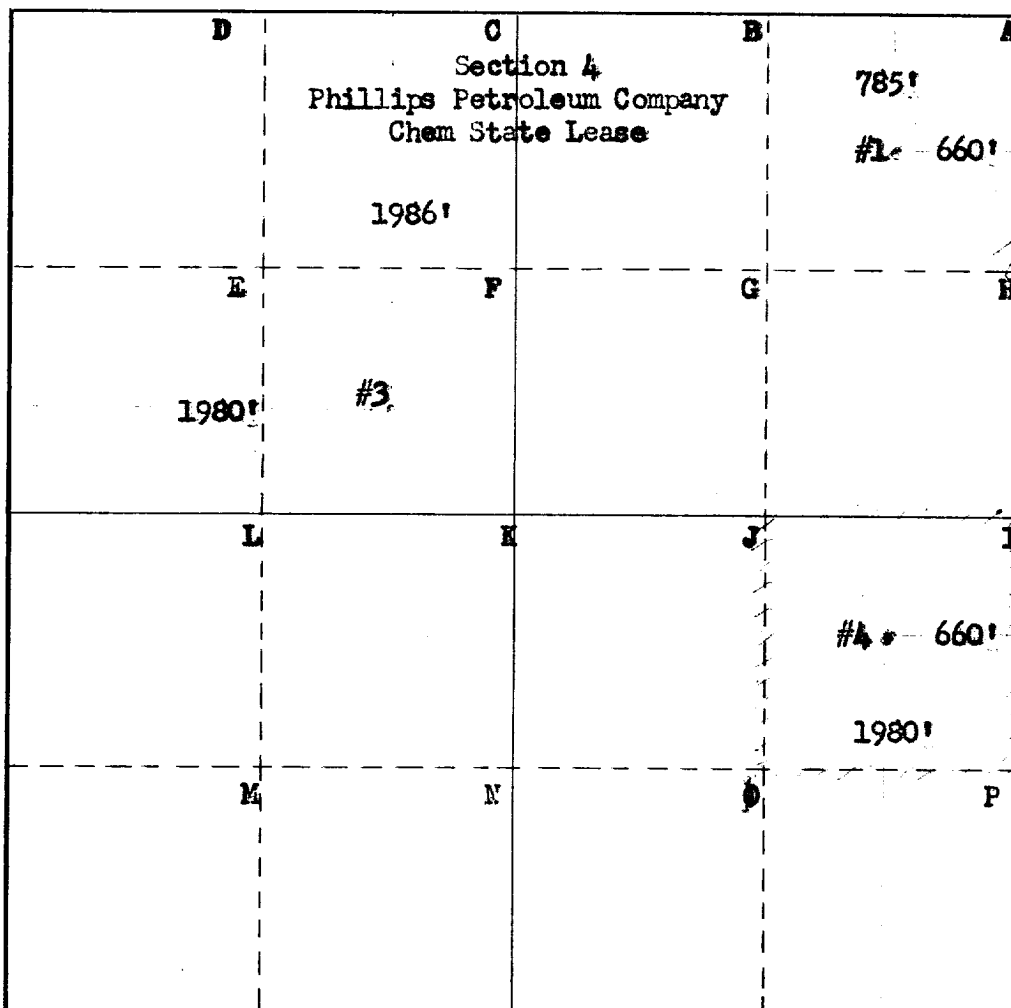
Operator Phillips Petroleum Company			Lease Chem State		Well No. 4
Unit Letter I	Section 4	Township 15-S	Range 32-E	County Lea	
Actual Footage Location of Well: 660 feet from the east line and 1980 feet from the south line					
Ground Level Elev. Later	Producing Formation Wolfcamp		Pool Tulk Wolfcamp	Dedicated Acreage: 40 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.



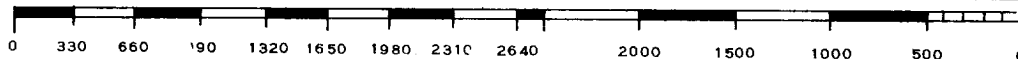
CERTIFICATION

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

Name W. J. Mueller
Position **Associate Reservoir Engineer**
Company **Phillips Petroleum Company**
Date **March 14, 1969**

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 **December 27, 1968**
Registered Professional Engineer and/or Land Surveyor Roger L. Leffler
Certificate No. **4357**



							FORMATION	DATUM	FORMATION	DATUM
CSG & SX - TUBING										
13 3/8" at 396' w/500 sx										
8 5/8" at 4096' w/425 sx										
5 1/2" at 10,018' w/400 sx										
LOGS EL GR RA IND HC A										

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PROP DEPTH 10,200' TYPE

F.R. 3-25-69; Opr's Elev. 4319' DF
Contractor - Cactus
4-8-69 Drlg. 2825' anhy
4-15-69 Drlg. 3935' anhy & gyp
4-22-69 Drlg. 5625' lm
4-29-69 Drlg. 7735' lm & sh
5-6-69 Drlg. 9650' lm & sh
5-12-69 TD 10,018'; PBD 9980'; Prep Perf
5-19-69 TD 10,018'; PBD 9980'; WO Potential
Perf 9742-46', 9760-74', 9790-94', 9799-9803',
9814-20' w/2 SPF
Swbd 32 BLW + 11 BO in 3 hrs 30 min (9742-9820')
Acid (9742-9820') 6000 gals
Flwd 550 BO + 117 B salt wtr in 24 hrs thru 1/2"
chk, COR 1770, Grav 40, TP 260#

LEA Tulk NM Sec 4, T15S, R32E
PHILLIPS PET. CO. 4 Chem-State Page #2

5-26-69 TD 10,018'; PBD 9980'; COMPLETE
LOG TOPS: Yates 2506', Queen 3282',
San Andres 4000', Glorieta 5550', Tubb
6895', Abo 7630', Wolfcamp 8876',
Pennsylvanian 9722'
5-29-69 COMPLETION REPORTED