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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

|   |                              |
|---|------------------------------|
| 5a. Indicate Type of Lease                |                              |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.              |                              |
| <b>K6019</b>                              |                              |

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

|   |  |   |
|---|--|---|
| 1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <b>Salt Water Disposal</b>   |  | 7. Unit Agreement Name                                  |
| 2. Name of Operator<br><b>Phillips Petroleum Company</b>  |  | 8. Farm or Lease Name<br><b>Chem "D" State</b>          |
| 3. Address of Operator<br><b>Room B-2, Phillips Bldg., Odessa, Texas 79760</b>  |  | 9. Well No.<br><b>1</b>                                 |
| 4. Location of Well<br>UNIT LETTER <b>L</b> <b>1980</b> FEET FROM THE <b>south</b> LINE AND <b>660</b> FEET FROM<br>THE <b>West</b> LINE, SECTION <b>2</b> TOWNSHIP <b>15-S</b> RANGE <b>32-E</b> NMPM. |  | 10. Field and Pool, or Wildcat<br><b>Tulka Wolfcamp</b> |
| 15. Elevation (Show whether DF, RT, GR, etc.)<br><b>4290.20' Gr.</b>  |  | 12. County<br><b>Lea</b>                                |

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

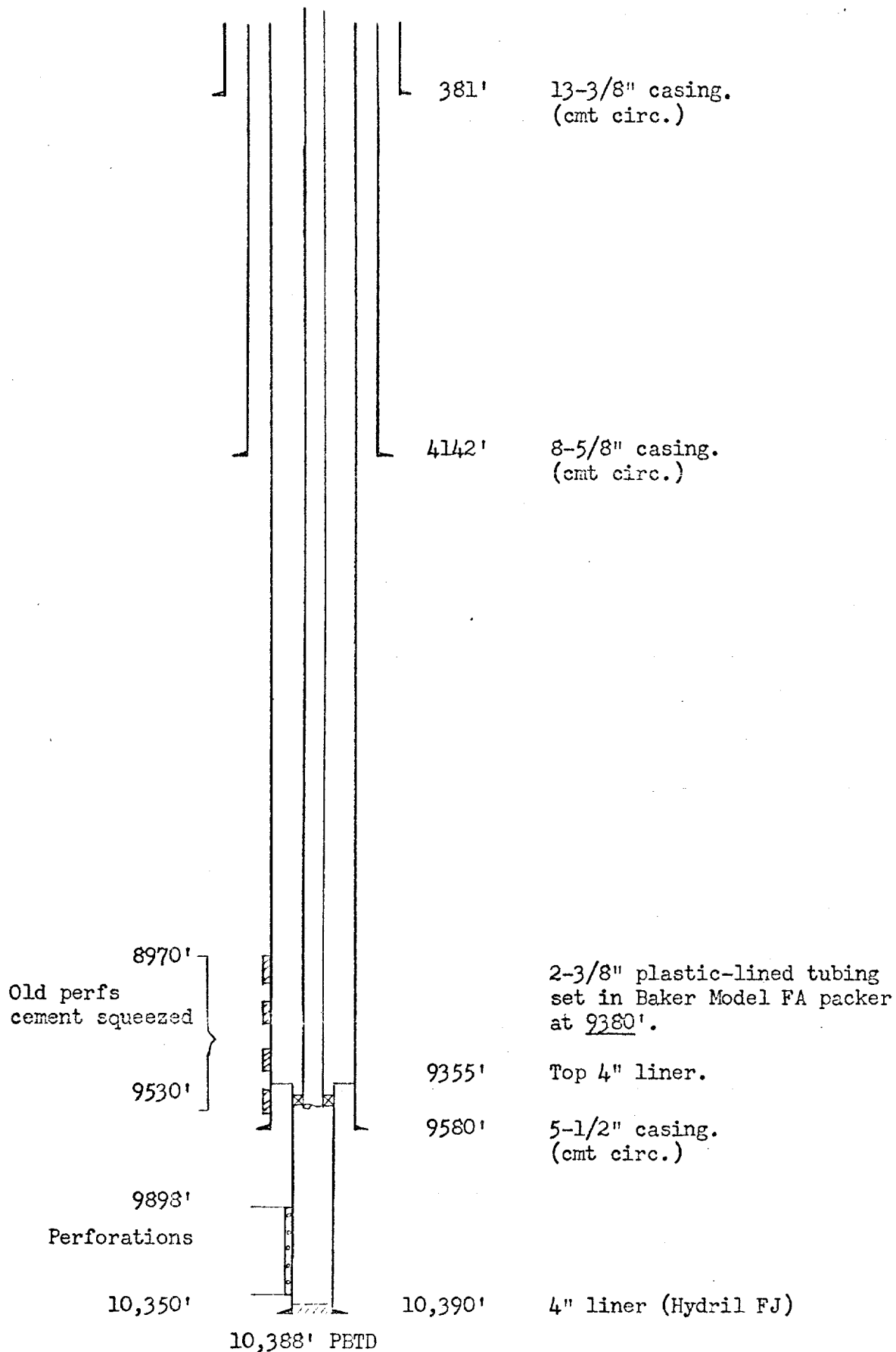
|  |   |   |  |
|--|---|---|--|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>              | ALTERING CASING <input type="checkbox"/>   |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPNS. <input type="checkbox"/>    | PLUG AND ABANDONMENT <input type="checkbox"/>                                      |
| PULL OR ALTER CASING <input type="checkbox"/>  | OTHER <input type="checkbox"/>            | CASING TEST AND CEMENT JOB <input type="checkbox"/> | OTHER <b>Conversion of P&amp;A well to SWD</b> <input checked="" type="checkbox"/> |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

On 12-14-68, MI&RU Wells DD unit, cleaned out & drilled cmt plugs to 9547'. Sqsd perfs 8970-9530' w/200 sx Trinity Inf cmt at max press of 2750#. Reversed out 22 bbls cmt, drilled cmt f/8920-9547'. Set RTTS tool at 8929', sqsd perfs 8970-9530' w/100 sx Trinity Inf, max press 5000#, holding press 4000#. No cmt reversed out. Drld cmt 8951-9530', press csg 2/700# for 1/2 hr, OK. CO to 9950', drld cmt to 10400'. Set 25 jts (1045') 4" OD 11.6# Hydril FJ liner, A cond, set at 10390' with top at 9355'. Howco cmt w/450 sx Trinity Inf cmt. Plug to 10388'. Washed out 220 sx cmt, left 230 sx behind liner. (Liner job complete 1-16-69). Ram Guns perf 4" liner w/1 jet shot/ft selectively f/9898-10350', total 108 holes. Set Baker PA-WL pkr at 9380'. Set 2-7/8" tbg in pkr and acidized perfs w/5500 gals 15% acid. Pld 2-7/8" tbg. Set 320 jts 2-3/8" plastic coated tubing at 9380' in Baker pkr. On 1-24-69, loaded casing annulus w/25 BW. Pmpd 40 BW into tbg at 1 BPM at 700#, 50 BW at 3 BPM at 2050# and 220 BW at 2 BPM at 1750#. Formal salt water disposal commenced 1-24-69. Well completed as salt water disposal well. Disposal approved this well by NMOCC Order No. R-3594, was for open hole interval 9580' to 10,400' OTD, but formation caving during cleanout operations made running of 4" liner necessary.  
Note: Originally drilled as P&A well No. 1, P&A 4-20-53.

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

|                                 |   |                     |
|---------------------------------|---|---------------------|
| SIGNED <b>W.J. Mueller</b>      | TITLE <b>Associate Reservoir Engineer</b> | DATE <b>1-28-69</b> |
| APPROVED BY <b>[Signature]</b>  | TITLE                                     | DATE                |
| CONDITIONS OF APPROVAL, IF ANY: |   |                     |



Phillips Petroleum Company  
Chem State No. 1-D  
Unit L, Section 2, T-15-S, R-32-E,  
Lea County, New Mexico

|                        |  |
|------------------------|--|
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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-68

|   |
|---|
| 5A. Indicate Type of Lease<br>STANDARD <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.  |

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

|  |  |  |
|--|--|--|
| 1a. Type of Work<br>DRILL <input checked="" type="checkbox"/> <b>Water Disposal</b> PLUG BACK <input type="checkbox"/>           |  | 7. Unit Agreement Name<br><b>Chem State-D State</b>          |
| b. Type of Well<br><b>Phillips Petroleum Company</b> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> |  | 8. Farm or Lease Name<br><b>/</b>                            |
| 2. Name of Operator<br><b>Rm. B-2, Phillips Bldg., Odessa, Texas 79760</b>   |  | 9. Well No.<br><b>Tulk-Wolfcamp</b>                          |
| 3. Address of Operator<br><b>L 1980 South</b>  |  | 10. Field and Pool, or Wildcat                               |
| 4. Location of Well<br><b>660 West 2 15-S 32-E</b><br>UNIT LETTER LOCATED FEET FROM THE LINE                                     |  | 12. County   |
| AND FEET FROM THE LINE OF SEC. TWP. RGE. NMMPM   |  |  |
| 19. Proposed Depth<br><b>10,400' - 800'</b>  |  | 19A. Formation<br><b>Wolfcamp Penn.</b>                      |
| 21. Kind of Bonds Plug. Bond<br><b>Blanket</b>   |  | 20. Notary & C.T.<br><b>Notary</b>                           |
| 21B. Drilling Contractor<br><b>Later</b>   |  | 22. Approx. Date work will start<br><b>December 12, 1968</b> |

23.

## PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | SURFACE EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|------------------|
|              | 12-3/8"        |                 | 381'          | 350             | Surface          |
|              | 8-5/8"         |                 | 4142'         | 2575            | Surface          |
|              | 5-1/2"         |                 | 9580'         | 788             | Surface          |

\*This well originally drilled as Pello "A" No. 1 and P & A 4-20-53. N.M.O.C.C. Order No. R-3594, dated 11-26-68, authorized utilization of this well for produced salt water disposal into the Lower Wolfcamp and Upper Pennsylvanian formations by injection into the open-hole interval 9580-10,400'.

APPROVED FOR FILING  
RECEIVED  
FILING COMMENCED  
EXPIRES **3-11-69**

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.  
**W. J. Mueller** Associate Reservoir Engineer **12-6-68**  
Signed \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

(This space for State Use)

APPROVED BY **John D. Ramey** TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
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.

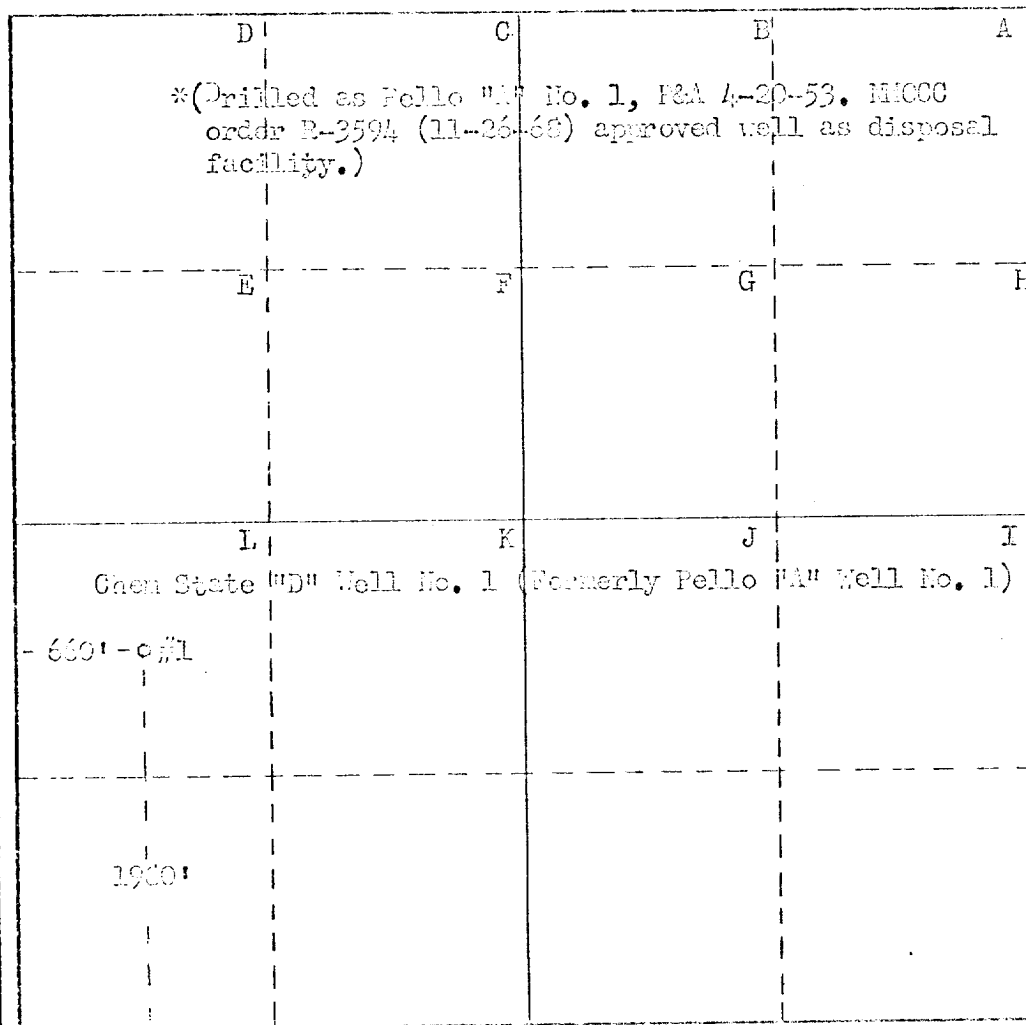
|   |                              |                  |   |               |                               |
|---|------------------------------|------------------|---|---------------|-------------------------------|
| Operator<br>Phillips Petroleum Company  |                              |                  | Lease * See below<br>Chen State "D" State |               | Well No.<br>1                 |
| Unit Letter<br>I  | Section<br>2                 | Township<br>15-S | Range<br>32-E                             | County<br>Lea |                               |
| Actual Footage Location of Well:<br>1980' feet from the South line and 660' feet from the West line |                              |                  |   |               |                               |
| Ground Level Elev.<br>4290.20' Gr   | Formation<br>Wolfcamp - Perm |                  | Pool<br>Tulk (Wolfcamp)                   |               | Dedicated Acreage:<br>- 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.

Name W. J. Mueller

Position  
Associate Reservoir Engineer

Company  
Phillips Petroleum Company

Date  
December 6, 1968

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  
12-6-68

Registered Professional Engineer and/or Land Surveyor

Roger L. Leffler

Certificate No.

4357

0 300 600 900 1200 1500 1800 2100 2400 2700 3000 3300 3600 3900 4200 4500 4800 5100 5400 5700 6000

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

|   |                                     |  |  |   |  |
|---|-------------------------------------|--|--|---|--|
| NOTICE OF INTENTION<br>TO CHANGE PLANS  |                                     | NOTICE OF INTENTION TO<br>TEMPORARILY ABANDON WELL |  | NOTICE OF INTENTION<br>TO DRILL DEEPER  |  |
| NOTICE OF INTENTION<br>TO PLUG WELL     | <input checked="" type="checkbox"/> | NOTICE OF INTENTION<br>TO PLUG BACK                |  | NOTICE OF INTENTION<br>TO SET LINER     |  |
| NOTICE OF INTENTION<br>TO SQUEEZE       |                                     | NOTICE OF INTENTION<br>TO ACIDIZE                  |  | NOTICE OF INTENTION<br>TO SHOOT (Nitro) |  |
| NOTICE OF INTENTION<br>TO GUN PERFORATE |                                     | NOTICE OF INTENTION<br>(OTHER)                     |  | NOTICE OF INTENTION<br>(OTHER)          |  |

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Hobbs, New Mexico  
(Place)

4-15-53  
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

Phillips Petroleum Company Pello "A" Well No. 1 in L  
(Company or Operator) (Unit)  
NW 1/4 SW 1/4 of Sec. 2, T. 15S, R. 32E, NMPM., Tulk Pool  
(40-acre Subdivision)  
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK  
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

TD 9547'. There are no further possibilities of oil production by deepening or by plug back operations in this well. Average daily production of oil at present, 3 barrels oil, 5 barrels water. 13-3/8" casing set at 381' and circulated to surface with cement. 8-5/8" casing set at 4142' and circulated to surface with cement. Will fill hole with heavy mud. Spot 20 sack cement plug from 9547' to 9400' and 20 sack cement plug from 9050' to 8900'. Will attempt to recover approximately 4000' of 5-1/2" casing. Place cement plug at point where casing is shot off. Place 20 sack cement in top of casing and place 4" pipe marker.

Approved....., 19.....  
Except as follows:

Approved  
OIL CONSERVATION COMMISSION

By: Roy Yurkewich  
Title: Oil & Gas Inspector

Phillips Petroleum Company  
Company or Operator

By: M. G. Croston

Position: Dist. Chief Clerk  
Send Communications regarding well to:

Name: M. G. Croston

Address: Box 2105 Hobbs, New Mexico

# REQUEST FOR THE EXTENSION OF AN EXISTING POOL

OR

## THE CREATION OF A NEW POOL

TO: The Oil Conservation Commission  
State of New Mexico

Date **July 22**, 19**52**

The **Phillips Petroleum Company**  
Name of Operator

**Pello "A"**  
Name of Lease

**1** Located **660'** feet from the **West** line and **660'** feet  
Well No.

from the **North** line of **the SW/4 Sec. 2** **15-S** **32-E**  
Section Township Range

is outside the boundaries of any pool producing from the same formation. On the basis of the information submitted here-  
with on form C-105, we hereby request that the **Talk**

pool be extended to include the following described area **all of Sections 2, 3, and 4, T-15-S,**  
**R-32-E, Lea County.**

or that a new pool be created to include the following described area

Suggested name:

**Phillips Petroleum Company**  
Operator

Name of Producing Formation: **Wolfcamp**



**C. P. Dimit**

Representative Vice President

The above described area will include Phillips Chemical Company's Chem-State Well No. 1, located in Sec. 4, T-15-S, R-32-E, which was completed in the Wolfcamp Formation; also will include Phillips Chemical Company's Chem-State "A" Well No. 1, located in Sec. 3, T-15-S, R-32-E, which is now drilling and projected to be completed in the Wolfcamp Formation.

Copies: Proration Office, Hobbs, 3  
P. P. Co., 4  
P. C. Co., 1

2

!

[illegible]

1. *Chlorophyll a* (Chl *a*)

$\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

1. *Chlorophyll a* (Chl *a*)

• • • • •