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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-10;  
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-4118**

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

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name <b>Lea</b>	
2. Name of Operator <b>Phillips Petroleum Company</b>		9. Well No. <b>23</b>	
3. Address of Operator <b>711 Phillips Building, Odessa, Texas 79760</b>		10. Field and Pool, or Wildcat <b>Vacuum Grayburg/San Andres</b>	
4. Location of Well UNIT LETTER <b>P</b> LOCATED <b>510</b> FEET FROM THE <b>south</b> LINE <b>810</b> FEET FROM THE <b>east</b> LINE OF SEC. <b>30</b> T. <b>17-S</b> R. <b>34-E</b> N.M.P.M.		11. County <b>Lea</b>	
21. Elevations (Show whether DF, RL, etc.) <b>4103' RKB</b>		22. Approx. Date Work will start <b>---</b>	
21A. Kind of Status Plug, Bond <b>blanket</b>		21B. Drilling Contractor <b>---</b>	
21C. Perforations with <b>5200' PBTB</b>		21D. Completion <b>Grayburg/San Andres</b>	
21E. Perforations with <b>---</b>		21F. Perforations with <b>---</b>	

## 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#	382'	(425 sx ClassH w/2%CaCl2) Circ 75 sx.	
11"	8-5/8"	32#	5378'	(450 sx Trinity LW w/20%DD, (450 sx ClassH, TOC at 2200'.	

(Attempted Abo completion with PBTB of 8970', and perfs 8786' through 8903'. Unable to establish commercial production. Will plug and abandon Abo zone by spotting 100 sx cement plug from 8900' to 8000', cut 5-1/2" csg at approx. 7600' and pull. Spot 50 sx cement from 50' inside 5-1/2" csg stub to 50' above stub. Spot 60 sx cement from 6200-6050' to cover top of Glorieta at 6112'. Spot 100 sx cement from 5500' to 5200' to cover 8-5/8" csg shoe set at 5378'. Test casing and cement to 1000#. Abandon Abo formation.)

Propose Grayburg/San Andres completion attempt with selective perforations approximately 4904' to 4678'.

**Note:** This well is in the same unit as Well No. 18 which currently is in shutdown status. Possible future production of both wells would be limited to a maximum of one unit allowable.

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.

Signature *W. J. Mueller* Title **Senior Reservoir Engineer** Date **3-1-72**

(This space for State Use)

APPROVED BY *[Signature]* TITLE **SUPERVISOR DISTRICT I** DATE **3-1-72**

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.

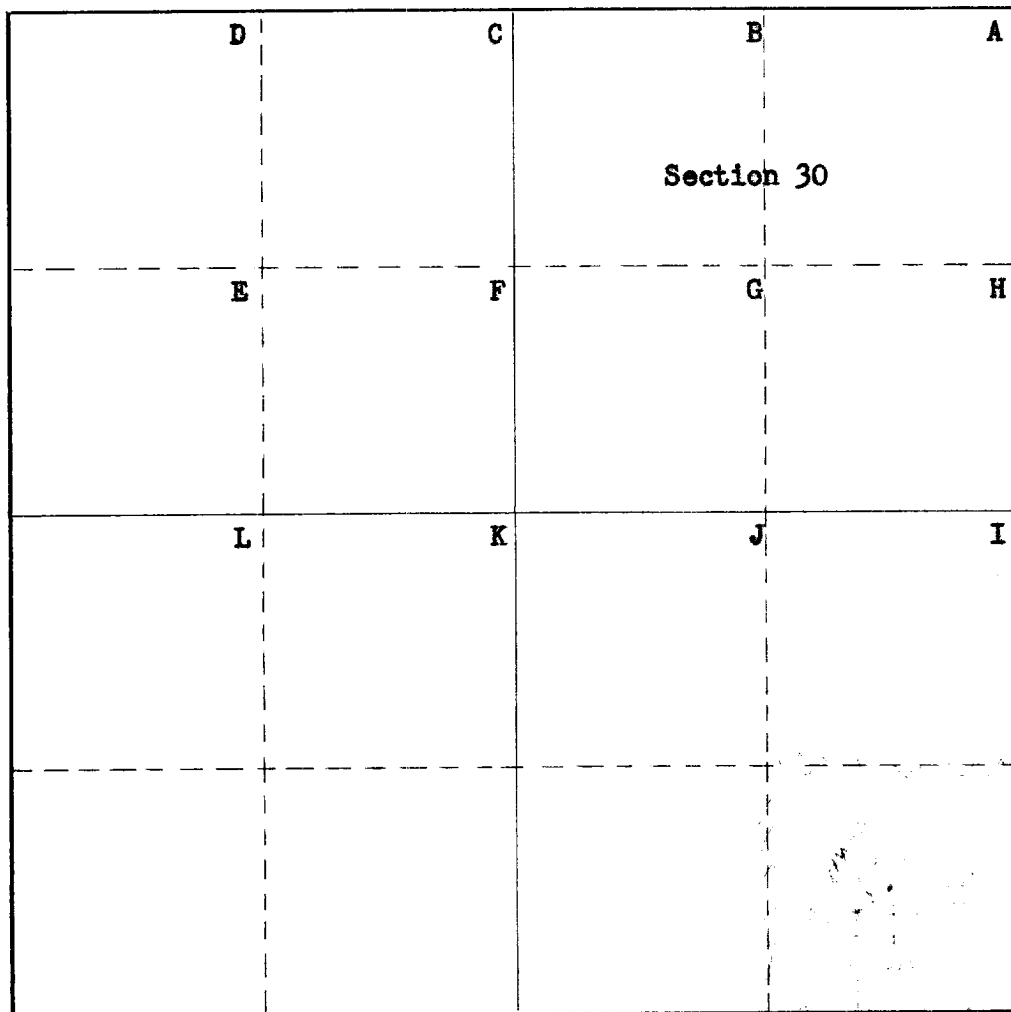
Operator <b>Phillips Petroleum Company</b>		Lease <b>Lea</b>		Well No. <b>23</b>
Unit Letter <b>P</b>	Section <b>30</b>	Township <b>17-S</b>	Range <b>34-E</b>	County <b>Lea</b>
Actual Footage Location of Well: <b>510</b> feet from the <b>south</b> line and <b>810</b> feet from the <b>east</b> line				
Ground Level Elev. <b>4103' RKB</b>	Producing Formation <b>Grayburg/San Andres</b>	Pool <b>Vacuum Grayburg/San Andres</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.

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

Position  
**Senior Reservoir Engineer**

Company  
**Phillips Petroleum Company**

Date  
**March 1, 1972**

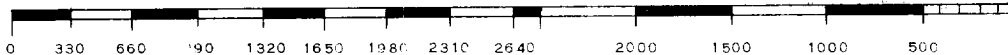
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

**3-19-68**

Date Surveyed  
**Roger L. Leffler**

Registered Professional Engineer  
and/or Land Surveyor

Certificate No. **4357**



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HARRIS, H. M.