

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-85

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 OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>		Phillips Lea	
2. Name of Operator		9. Well No.	
SOHIO PETROLEUM COMPANY		3	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 4587, Houston, Texas 77210		Vacuum(GB) San Andres	
4. Location of Well		12. County	
UNIT LETTER J LOCATED 2310 FEET FROM THE South LINE		Lea	
AND 1650 FEET FROM THE East LINE OF SEC. 31 TWP. 17S RGE. 34E NMPM			
19. Proposed Depth		19A. Formation	
4800'		San Andres	
20. Rotary or C.T.		C.T.	
21. Elevations (Show whether DF, RT, etc.)		21E. Drilling Contractor	
4084' GL		22. Approx. Date Work will start	
21A. Kind & Status Plug. Bond		2-22-87	
Blanket			

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8-5/8"	28#	1557'	500	surf
	7"		3290-4632'	100	3300'
6-1/2"	4-1/2"	15.1#	4748'	150	3352'

Completion date: 2-20-52

Original P&A date: 6-2-57

Re-entry date: 4-20-70 4/70 Perfs: 4657-4722' MD (12 holes)

## Proposed Workover

- 1) MIRU cable tool unit. NU BOP, Test BOP.
- 2) Deepen to +4800' MD to penetrate the lower productive interval of the San Andres.
- 3) Stimulate the interval (4657'-4800' MD) with a cleanup acid treatment.
- 4) Place on production.

The Phillips Lea No. 3 is a producer in the approved waterflood project, Case No. 9260, Order No. R-8572.

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 Randy B. Frazier Title R. B. Frazier Date 2-1-88  
Production Engr. Supv. West

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT SUPERVISOR TITLE

DATE FEB 8 - 1988

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED  
FEB 8 1988  
GCD  
HOBBS OFFICE

**MEXICO OIL CONSERVATION COMMISSION**  
**WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
 Supersedes C-128  
 Effective 1-1-61

All distances must be from the outer boundaries of the Section

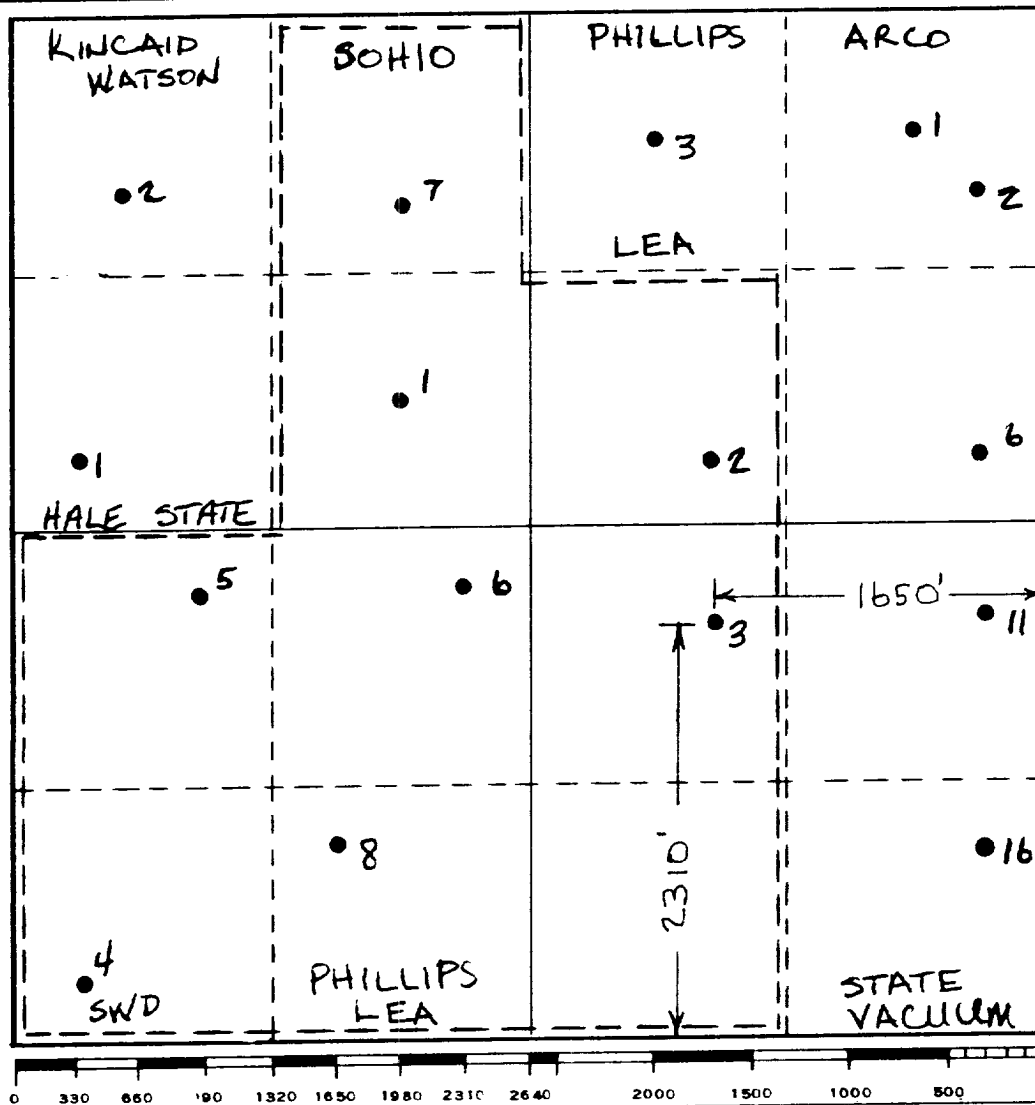
Operator <b>SOHIO PETROLEUM COMPANY</b>			Lease <b>PHILLIPS LEA</b>		Well No. <b>3</b>
Unit Letter <b>J</b>	Section <b>31</b>	Township <b>17S</b>	Range <b>34E</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>2310</b> feet from the <b>South</b> line and <b>1650</b> feet from the <b>East</b> line					
Ground Level Elev. <b>4084' MD</b>	Producing Formation <b>San Andres</b>		Pool <b>Vacuum (GB) 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.

*Randy B. Trazier*

Name  
**R. B. Trazier**

Position  
**Production Engr. Supv. West**

Company  
**SOHIO Petroleum Company**

Date

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.

Orig. on file

Date Surveyed

Registered Professional Engineer  
 and/or Land Surveyor

Certificate No.

RECEIVED  
FEB 8 1988  
OCD  
HOBBS OFFICE