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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-4118

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Phillips Lea
2. Name of Operator SOHIO PETROLEUM COMPANY		9. Well No. #2
3. Address of Operator P. O. Box 4587, Houston, Texas 77210		10. Field and Pool, or Wildcat Vacuum (GB) San Andres
4. Location of Well UNIT LETTER G LOCATED 2310 FEET FROM THE North LINE AND 1650 FEET FROM THE East LINE OF SEC. 31 TWP. 17S RGE. 34E NMAPM		12. County Lea
19. Proposed Depth 4800'		19A. Formation San Andres
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DF, RT, etc.) 4087' -EL	21A. Kind & Status Plug. Bond Blanket	22. Approx. Date Work will start 2-15-88

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"	24 $\frac{7}{8}$	1590'	514	surface
8"	7"	20 $\frac{1}{2}$	4620'	75	3520

Completion Date: 11-5-51 TD: 4720' (openhole)

Proposed Workover

- 1) MIRU Pulling Unit. NU BOP, Test BOP.
- 2) Deepen to +4800' MD to penetrate the lower productive interval of the San Andres.
- 3) Stimulate the open hole interval (4620' to 4800' MD) with a cleanup acid treatment.
- 4) Place on production.

The Phillips Lea No. 2 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 WORKOVER 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 D. Frazier Title R. B. Frazier Date 2-1-88
Production Engr. Supv. West

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR

APPROVED BY _____ TITLE _____ DATE FEB 8 - 1988

CONDITIONS OF APPROVAL, IF ANY:

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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

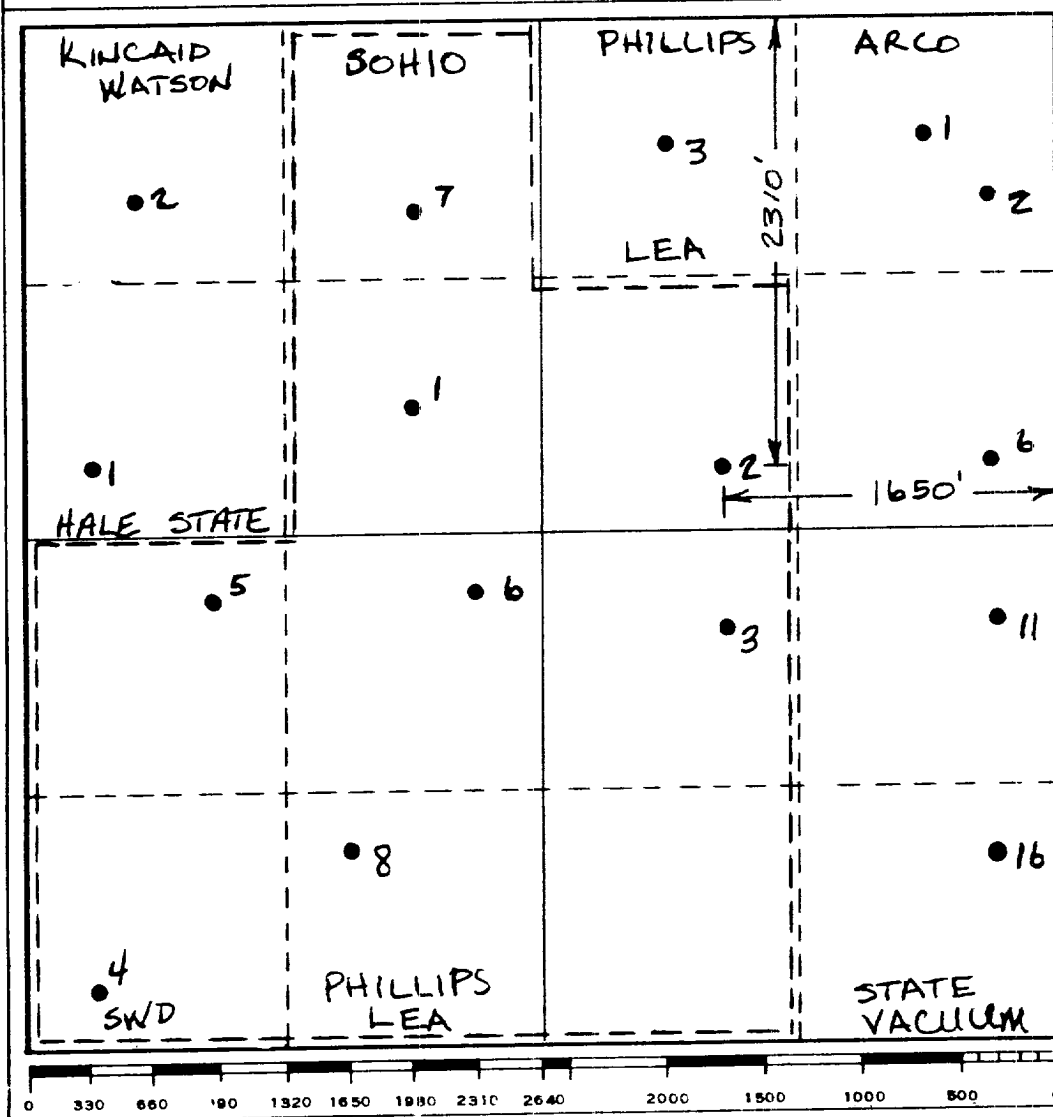
Operator SOHIO PETROLEUM COMPANY		Lease PHILLIPS LEA		Well No. 2	
Unit Letter G	Section 31	Township 17S	Range 34E	County Lea	
Actual Footage Location of Well: 2310 feet from the North line and 1650 feet from the East line					
Ground Level Elev. 4087'	Producing Formation San Andres		Pool Vacuum (CB) San Andres		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.

Randy B. Frazier

Name
R. B. Frazier

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.

Original on file

Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

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