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P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

API No. 30-025-22352

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. E906
7. Unit Agreement Name -- --
8. Farm or Lease Name Ranger
9. Well No. 16
10. Field and Pool, or Wildcat Ranger Lake Penn
12. County Lea
19. Proposed Depth 11,712'
19A. Formation Penn
20. Rotary or C.T. Rotary
21B. Drilling Contractor -- --
22. Approx. Date Work will start Upon approval

a. Type of Work DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator Phillips Oil Company
3. Address of Operator Room 401, 4001 Penbrook Street, Odessa, Texas 79762
4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>26</u> TWP. <u>12-S</u> RGE. <u>34-E</u> NADP 19. Proposed Depth 11,712'
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor -- --
22. Approx. Date Work will start Upon approval

23.

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"	54.5#	370'	480 sx Class H	Surface
	w/2% CaCl. 1 1/2#	Tuffplug pr sx in 1st 200 sx		Circ 150 sx.	
11"	8-5/8"	32#	4200'	400 sx Class H	3600' PPCo temp
				Neat	survey
7-7/8"	5-1/2"	17#, 20#	12,816'	600 sx TLW w/ 20%DD, 150 sx Trinity Inferno	6800'

Proposed procedure is to perforate 5-1/2" casing w/4" OD casing gun 2JSPF at 10,245' - 10,280' and test Penn zone. (Cement ret. at 11,743', TOC at 11,712' as reported on C-103 dated 12-19-83.)

BOP EQUIP: Series 900, 3000#WP double w/1 set pipe rams, 1 set blind rams, manually operated.

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 Sr. Engineering Specialist Date March 20, 1984

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT SUPERVISOR TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

MAR 30 1984

**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.

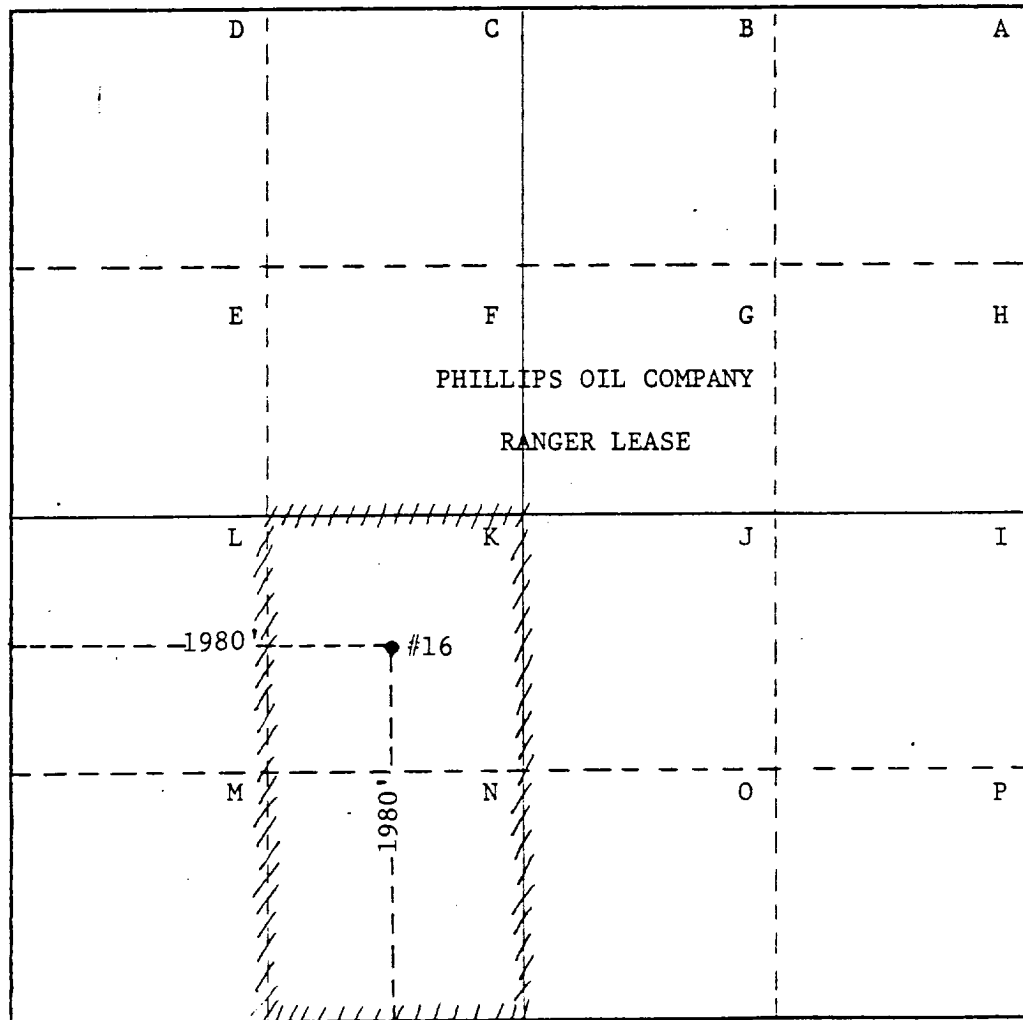
Operator Phillips Oil Company			Lease Ranger		Well No. 16
Unit Letter K	Section 26	Township 12-S	Range 34-E	County Lea	
Actual Footage Location of Well: 1980 feet from the west line and 1980 feet from the south line					
Ground Level Elev. 4146'	Producing Formation Penn		Pool Ranger Lake		Dedicated Acreage: 80 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

Company
Phillips Oil Company

Date
March 20, 1984

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
October 30, 1967

Registered Professional Engineer
and/or Land Surveyor

Roger L. Leffler

Certificate No.
4357

330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500