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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>K-1955</b>	

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

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		<b>New Mexico "JJ" State</b>	
SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		9. Well No.	
2. Name of Operator		<b>1</b>	
<b>Sun Oil Company - DX Division</b>		10. Field and Pool, or Wildcat	
3. Address of Operator		<b>Undesignated Penn</b>	
<b>P. O. Box 1416 - Roswell, New Mexico 88201</b>		12. County	
4. Location of Well UNIT LETTER <b>0</b> LOCATED <b>660</b> FEET FROM THE <b>South</b> LINE		<b>Lea</b>	
AND <b>1030</b> FEET FROM THE <b>East</b> LINE OF SEC. <b>23</b> TWP. <b>13-S</b> RGE. <b>32-E</b> NMPM			
		19. Proposed Depth	19A. Formation
		<b>10,000</b>	<b>Penn</b>
		20. Rotary or C.T.	
		<b>Rotary</b>	
21. Elevations (Show whether DF, RT, etc.)		21A. Kind & Status Plug. Bond	21B. Drilling Contractor
<b>Will Furnish Later</b>		<b>Approved</b>	<b>Will Furnish Later</b>
		22. Approx. Date Work will start	
		<b>3-10-69</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#	380	375	Surface
11"	8-5/8"	24# & 32#	4000	(Est.) 920 sxs	Surface
7-7/8"	5-1/2"	17#	10000	200	8500'

1. MI and RU rotary rig. Drill 17-1/2" hole to 380'. Run 13-3/8" csg. to CP 380 and cmt. w/375 sxs Class "H" w/2% CaCl<sub>2</sub>. Circ. to surface. WOC 18 hrs. Test BOP & csg. to 1000# for 30 min.
2. Drill 11" hole to 4000'. Run 8-5/8" csg. to CP 4000' and cmt. w/(Est) 820 sxs. Incore cmt. w/12% Gel. Tail in w/100 sxs Incore Neat. Circ to surface. WOC 18 hrs. Test BOP & csg. to 1000# for 30 min.
3. Drill 7-7/8" hole to TD 10,000'. Run Open Hole Logs, Compensated Acoustic Velocity and Guard Logs.
4. Run 5-1/2" csg. to CP 10,000'. Cmt. w/200 sxs Incore Poz. WOC 18 hrs. Test csg. & BOP to 1500# for 30 min. Run temp. survey to find top of cement. (Est. TOC 8500').
5. Perf selected intervals.
6. Treat and stimulate as required.
7. Recover load and test.

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 F. D. Lebo Title District Engineer Date March 3, 1969

(This space for State Use)  
APPROVED BY [Signature] TITLE [Signature] DATE [Signature]  
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.

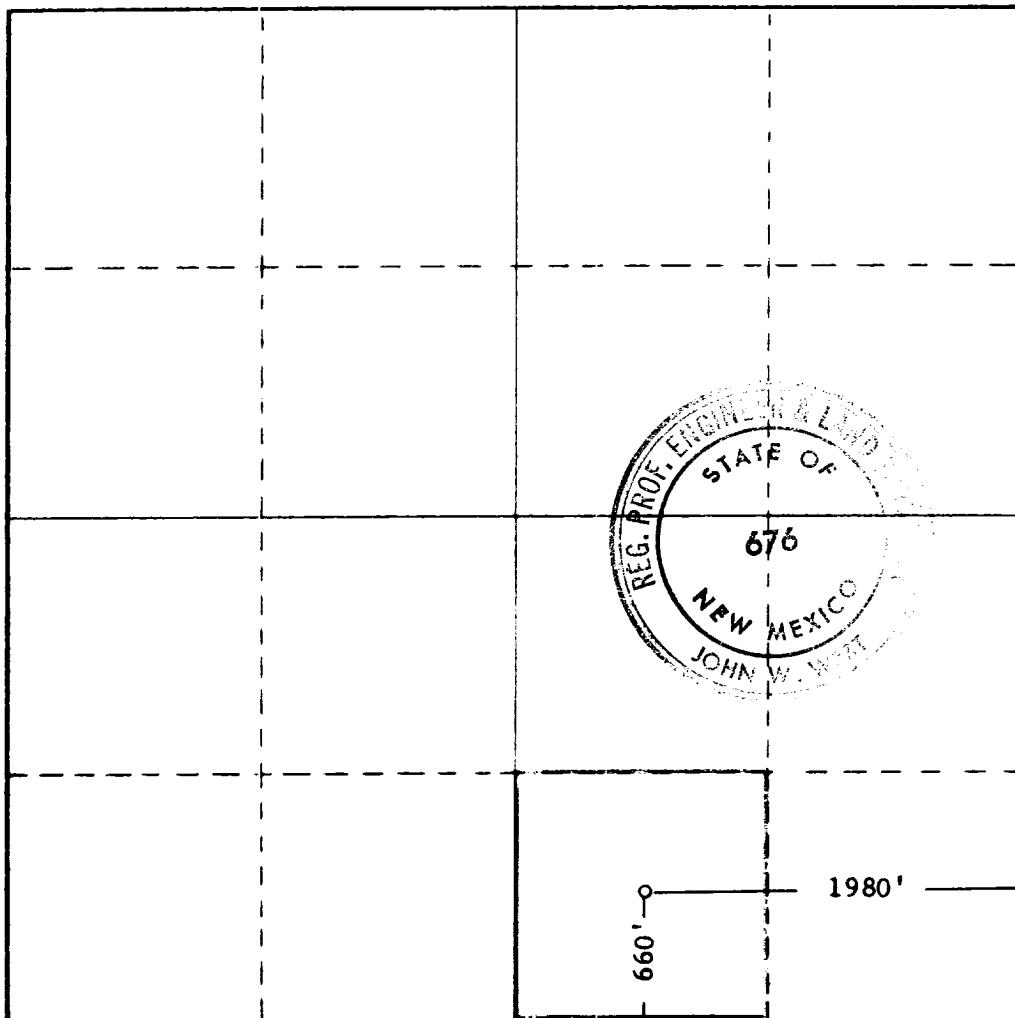
Operator <b>SUN OIL COMPANY-DX DIVISION</b>			Lease <b>J J STATE</b>		Well No. <b>1</b>
Unit Letter <b>O</b>	Section <b>23</b>	Township <b>13 SOUTH</b>	Range <b>32 <del>XX</del> EAST</b>	County <b>LEA</b>	
Actual Footage Location of Well: <b>660</b> feet from the <b>SOUTH</b> line and <b>1980</b> feet from the <b>EAST</b> line					
Ground Level Elev. <b>N.A.</b>	Producing Formation <b>Pennsylvanian</b>	Pool <b>Undesignated</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.*

Name *W. D. Labo* **F. D. Labo**

Position  
**District Engineer**

Company  
**Sun Oil Company - DX Division**

Date  
**March 3, 1969**

*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  
**FEB. 28, 1969**

Registered Professional Engineer and/or Land Surveyor

*John W. West*  
Certificate No. **676**

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

ELF