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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-55

|                                                                                                      |
|------------------------------------------------------------------------------------------------------|
| 5A. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.                                                                         |
| 7. Unit Agreement Name                                                                               |
| 8. Farm or Lease Name<br>New Mexico "Y" State                                                        |
| 9. Well No.<br>1                                                                                     |
| 10. Field and Pool, or Wildcat<br>Wildcat (ND)                                                       |
| 12. County<br>Lea                                                                                    |
| 13. Proposed Depth<br>11600                                                                          |
| 14. Formation<br>Wolfcamp<br>Sanders Reef                                                            |
| 20. Rotary or C.T.<br>Rotary                                                                         |
| 21. Elevation (Show whether DE, RI, etc.)<br>3888.7                                                  |
| 21A. Kind & Status Plug. Head<br>Blanket                                                             |
| 21B. Drilling Contractor<br>Unknown                                                                  |
| 22. Approx. Date Work will start<br>ASAP-1978                                                        |

|                                                                                                                                                   |                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK                                                                                             |                                                                                        |
| 1a. Type of Work<br>DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>                  |                                                                                        |
| b. Type of Well<br>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"/> |
| 2. Name of Operator<br>Sun Oil Company                                                                                                            |                                                                                        |
| 3. Address of Operator<br>P.O. Box 1861 Midland, Texas 79702                                                                                      |                                                                                        |
| 4. Location of Well<br>UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE<br>AND 1980 FEET FROM THE East LINE OF SEC. 22 TWP. 13-S RGE. 37E NMPM |                                                                                        |
| 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"        | 48              | 400           | 400             | Surface  |
| 12 1/4"      | 9 5/8"         | 40              | 4700          | 1500            | Surface  |
| 8 1/2"       | 7"             | 23 & 26         | 11400         | 550             |          |

1. Drill 17 1/2" hole to  $\pm$  400'. Run 13 3/8" csg & cement to surface. WOC 12 hrs, test csg to 1000 psi.
2. Drill 12 1/4" hole to  $\pm$  4700'. Run 9 5/8" csg & cement to surface. WOC 24 hrs.
3. Drill 8 1/2" hole to  $\pm$  11400'. Run 7" csg & cement with 550 sks.
4. Complete in Sanders Reef (Dolomite); if unsuccessful complete in Wolfcamp limestone or Strawn limestone.
5. Potential 3000 psi preventers will be used after 13 3/8" casing set.

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 Ben Barry Title Office Assistant Date 3-9-78

(This space for State Use)

Signed by  
John Runyan  
Geologist

MAR 13 1978

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

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MAR 13 1978

OIL CONSERVATION COMM.  
HOBBS, N. M.

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