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## NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease

STATE ☒ FEE ☐

5. State Oil &amp; Gas Lease No.

E 8581

## 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"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name New Mexico "EE" State	
2. Name of Operator Sunray Oil Company		9. Well No. 1	
3. Address of Operator P. O. Box 1416, Roswell, New Mexico		10. Field and Pool, or Wildcat Undesignated	
4. Location of Well UNIT LETTER H LOCATED 1980 FEET FROM THE North LINE AND 660 FEET FROM THE East LINE OF SEC. 13 TWP. 17S RGE. 36E NMPM		12. County Lea	
19. Proposed Depth 9250		19A. Formation Abo	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) Furnish Later	
21A. Kind & Status Plug. Bond Approved		21B. Drilling Contractor -	
22. Approx. Date Work will start 9-20-66			

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/4	13 3/8	48	350	300	Circ.
12 1/4	8 5/8	24, 32	4,400	Run Vol. Survey	Circ.
7 7/8	4 1/2	10.5, 11.6	9,250	200	8,300

1. Prepare location and move in rotary rig.
2. Drill 17 1/4" hole to 350'. Run and cement 8 5/8" csg. WOC 18 hrs. Install BOP and pressure test to 1000 psig for 30 min.
3. Drill 12 1/4" hole to 4400'. Run Drill Prodco Volume Survey. Run Gamma Ray-Sonic Log. Run and cement 8 5/8" csg. WOC 48 hrs. Install BOP and pressure test to 1000 psig for 30 min.
4. Drill 7 7/8" hole to TD. Run open hole logs. If commercial production is indicated, run and cement 4 1/2" csg. WOC 24 hrs. Pressure test to 1000 psig for 30 min.
5. Completion procedure to be determined after evaluation of open hole and log data.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATE OF EXPIRATION OF 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 B. F. Brawley Title District Engineer Date September 12, 1966

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 9-13-1966

CONDITIONS OF APPROVAL, IF ANY:

Cement must be back  
into 8 5/8" casing