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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-4-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. <b>K-4866</b>
7. Unit Agreement Name
8. Farm or Lease Name <b>New Mexico "HH" State</b>
9. Well No. <b>1</b>
10. Field and Pool, or Wildcat <b>Undesignated</b>
12. County <b>Roosevelt</b>
19. Proposed Depth <b>4350'</b>
19A. Formation <b>San Andres</b>
20. Rotary or C.T. <b>Rotary</b>
21. Elevations (Show whether DF, RT, etc.) <b>Will furnish later</b>
21A. Kind & Status Plug. Bond <b>Approved</b>
21B. Drilling Contractor <b>Cactus Drilling Co.</b>
22. Approx. Date Work will start <b>As soon as approved</b>

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

1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> 2. Name of Operator <b>Sunray DX Oil Company</b> 3. Address of Operator <b>P. O. Box 1416 - Roswell, New Mexico</b> 4. Location of Well UNIT LETTER <b>L</b> LOCATED <b>1980</b> FEET FROM THE <b>South</b> LINE AND <b>660</b> FEET FROM THE <b>West</b> LINE OF SEC. <b>20</b> TWP. <b>7-S</b> RGE. <b>36-E</b> NMPM	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"/>
23. 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"	20#	375'	250 sxs	Surface
7-7/8"	4-1/2"	9.5#	4350'	200 sxs	3500'

1. Drill 11" hole to approx. TD of 375'. Run 8-5/8" csg to CP 375' and cmt. w/250 sxs w/2% CaCl<sub>2</sub>. Circ to surface.
2. WOC 18 hrs. & test BOP & csg. to 1000# for 30 min.
3. Drill 7-7/8" hole to approx TD of 4350'. Run Open Hole Logs, GR-Density, Laterolog, and Microlaterolog.
4. Run 4-1/2" csg to approx. CP of 4350' and cmt w/200 sxs.
5. Perforate productive interval and acidize.
6. Frac down casing if necessary.
7. Place well on production 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 John Hastings Title District Engineer Date 1-15-68

(This space for State Use)

**No allowable will be assigned until either a standard unit is formed, or an NSP Order is obtained.**

APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: