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NEW MEXICO OIL CONSERVATION COMMISSION

May 22 11 41 AM '68

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. K-3274

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"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name	
2. Name of Operator Sunray DX Oil Company		8. Farm or Lease Name New Mexico "II" State	
3. Address of Operator P. O. Box 1416 - Roswell, New Mexico 88201		9. Well No. 1	
4. Location of Well UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE OF SEC. 21 TWP. 10-S RGE. 34-E NMPM		10. Field and Pool, or Wildcat Undesignated	
21. Elevations (Show whether DF, RT, etc.) Will furnish later		20. Rotary or C.T. Rotary	
21A. Kind & Status Plug. Bond Approved		22. Approx. Date Work will start When approved	

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#	375	375 sxs	Surface
12-1/4	8-5/8	24# & 32#	4100	1000 sxs	Surface
7-7/8	5-1/2	17#	10000	200 sxs	8800'

1. MI & RU rotary rig. Drill 17-1/2" hole to 375'. Run 13-3/8" csg to CP 375'. Cmt w/375 sxs Reg. cmt. w/2% CaCl₂. Circ to surface. WOC 18 hrs. Test BOP & csg. to 1000# for 30 min.
2. Drill 12-1/4" hole to approx 4100'. Run 8-5/8" csg to CP 4100'. Cmt w/900 sxs Incor w/12% Gel and 2% CaCl₂. Tail in w/100 sxs Incor Neat. Circ to surface. WOC 18 hrs. Test BOP & csg to 1500# for 30 min.
3. Drill 7-7/8" hole to TD 10,000'. Run Open Hole Logs, GR-Sonic, Laterolog, and Micro-Laterolog.
4. Run 5-1/2" csg to approx CP 10,000'. Cmt w/200 sxs Incor Poz w/2% CaCl₂. WOC 18 hrs. Test csg & BOP to 1500# for 30 min. Run temp. survey to find top of cement. (Est. TOC 8800').
5. Perf selected intervals.
6. Treat and stimulate as required.
7. Recover load and test.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

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 May 21, 1968

(This space for State Use)

APPROVED BY [Signature] TITLE [Signature]
CONDITIONS OF APPROVAL, IF ANY:

24 HOURS PRIOR TO RUNNING CASING. 13 3/8