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NEW MEXICO OIL CONSERVATION BOARD OFFICE O. C. C. Form C-101
Revised 1-1-65

JUN 9 11 25 AM '67

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & 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 DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		8. Farm or Lease Name	
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"/>		New Mexico "EE" State	
2. Name of Operator		9. Well No.	
Sunray DX Oil Company		1	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 1416, Roswell, New Mexico		Midway Bone Springs	
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		19A. Formation	20. Rotary or C.T.
8950-6500		Abo-San Andres	-
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3822 DF	Approved	-	

23.

Existing ~~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	362	300 sx	
12 1/4	8 5/8	24 & 32	4400	775 sx	
7 7/8	4 1/2	10.5 & 11.6	9433	1279 sx	TOC @ 2620' survey

1. Move in and rig up workover rig.
2. Squeeze perfs (9352'-9372') w/60 sxs Incore cmt. (Bone Springs Zone).
3. WOC 8 hrs. Test plug to 1500 psig.
4. Perforate 1 - 1/2" hole @ 8903', 8905', 8907', 8909', 8924', 8926'. (Abo Zone).
5. Acidize w/1500 gal non emulsion acid.
6. Swab and test.
7. If necessary, acidize w/5000 gal additional acid.
8. If Abo unproductive, squeeze Abo perfs w/75 sxs Incore w/1# per sx Gilsonite to 4000 psig.
9. WOC 8 hrs and pressure test to 1500 psig.
10. Perforate 1 - 1/2" hole @ 6479', 6488', 6497', 6509'. (San Andres Zone)
11. Acidize w/1000 gal non emulsion acid.
12. Swab and test.
13. If necessary, frac down casing w/20,000 gal refined oil and 30,000# sand.
14. Test well and complete as required.

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 June 6, 1967

(This space for State Use)

APPROVED BY John Hastings TITLE District Engineer DATE June 6, 1967

CONDITIONS OF APPROVAL, IF ANY:

100-100000-100000

700 2 11 52 AM '85