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NEW MEXICO OIL CONSERVATION COMMISSION

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-2860
7. Unit Agreement Name
8. Farm or Lease Name New Mexico "AW" State
9. Well No. 2
10. Field and Pool, or Wildcat Undesignated
12. County Lea
19. Proposed Depth 10,000
19A. Formation Penn Bough "C"
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) Will furnish later
21A. Kind & Status Plug. Bond Approved
21B. Drilling Contractor Cactus Drilg. Corp.
22. Approx. Date Work will start As soon as possible

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"/>	2. Name of Operator Sunray DX Oil Company	3. Address of Operator P. O. Box 1416 - Roswell, New Mexico	4. Location of Well UNIT LETTER I LOCATED 660 FEET FROM THE East LINE AND 1980 FEET FROM THE South LINE OF SEC. 20 TWP. 10-S RGE. 34-E 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#	375'	375 sxs	Surface
12-1/4	8-5/8	24# & 32#	4100'	940 sxs (Est)	Surface
7-7/8	5-1/2	17#	10000'	200 sxs	8500'

1. MI and 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 and 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/(Est) 840 sxs Incore Cmt. w/12% Gel & 2% CaCl₂. Tail in w/100 sxs Incore 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'. Anticipate DST @ approx. 9640'. Run Open Hole Logs, GR-Density, Laterolog, and Microlaterolog.
4. Run 5-1/2" csg. to approx. CP 10,000'. Cmt. w/200 sxs Incore Poz w/2% CaCl₂. WOC 24 hrs. Test csg. & BOP to 1500# for 30 min. Run Temp. Survey to find top of cement. (Est. TOC 8500').
5. Perf selected intervals.
6. Treat and stimulate as required.
7. Recover load and test.

NOTE: Verbal Approval 4-15-68

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 John Hastings Title District Engineer Date April 17, 1968

(This space for State Use)

APPROVED BY [Signature] TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-4-65

All distances must be from the outer boundaries of the Section.

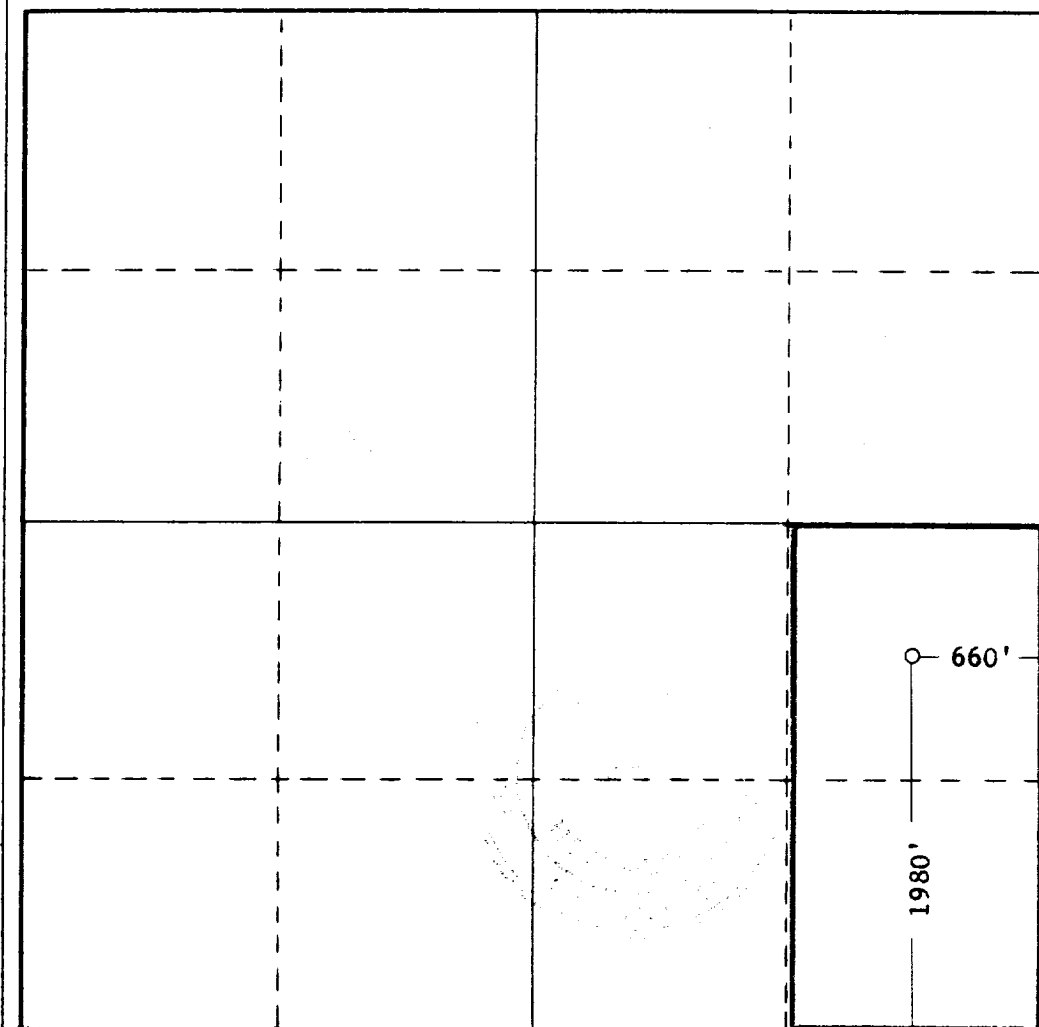
Operator SUNRAY DX OIL COMPANY			Lease NEW MEXICO A.W. STATE		Well No. 2
Unit Letter I	Section 20	Township 10 SOUTH	Range 34 EAST	County LEA	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 1980 feet from the SOUTH line and 660 feet from the EAST line </div>					
Ground Level Elev. 4229.9	Producing Formation Penn		Pool Undesignated		Dedicated Acreage: 80 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name **John Hastings**
Position _____

District Engineer

Company **Sunray DX Oil Company**

Date **April 18, 1968**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
APRIL 13, 1968

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. **676**

