



(SUBMIT IN TRIPLICATE) 40BBS

 UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

 Land Office **LAS CRUCES**  
 Lease No. **067735**  
 Unit **B**

MAY 23 1963

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 28, 1963

 N. M. Federal "P"  
 Well No. **1** is located **2300** ft. from **{N}** line and **330** ft. from **{E}** line of sec. **23**

SW/4 of NW/4 (1/4 Sec. and Sec. No.)      9 S (Twp.)      36 E (Range)      101 W (Meridian)

Crossroads Dev. (Field)      Lea (County or Subdivision)      New Mexico (State or Territory)

The elevation of the derrick floor above sea level is **4046** ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

1. Pull rods and pump.
2. Load hole w/100 oil.
3. Install BOP's & pull 2-7/8" OD tbg.
4. Run Baker Mod "R" pkr, tbg tester & 2-7/8" OD tbg. Test tbg to 6500 psi & BOP's to 2000psi
5. Spot pkr at 12,190' & use Dowell to acidize w/500 gal HCl & citric acid to btm and set pkr at 12,190'. Break formation down slow. Do not exceed 1 BPM injection rate. Hook press. recorder up to tbg & annulus. Flush tbg w/oil (58) bbls. Take 5 min. SIP.
6. Shut or flow test for 24 hours.
7. If acid retreatment is necessary, use 2500 gal Dowell HX38 acid.
8. If job is successful, pull 2-7/8" OD tbg, tbg tester and Baker Mod "R" pkr. Run 2-7/8" OD tbg. w/Baker compensating tubing catcher, pump and rods and put well on pump. Tbg point at 10,040'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Sunray DX Oil Company**Address **P. O. Box 128****Hobbs, New Mexico**

ORIGINAL SIGNED BY

By **E. A. Riggs, JR.****H. A. Riggs**Title **Engineer**