

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL GAS
PRODUCTION OFFICE	
OPERATOR	

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

PR-4

## MISCELLANEOUS NOTICES

strict Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the school on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL		NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL		NOTICE OF INTENTION TO PLUG BACK	X	NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE	X	NOTICE OF INTENTION TO ACIDIZE	X	NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE	X	NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Hobbs, N. M.

June 7, 1963

(Place)

(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the

**Sunray Oil Company N. M. State "K"**

Well No. **1** in **0** (Unit)

**SW**  $\frac{1}{4}$  **SE**  $\frac{1}{4}$  of Sec. **11**, T. **10S**, R. **12E**, NMPM, **North Mesquero** Pool

(40-acre Subdivision)  
County.

## Recomplete from Atoka to Wf. FULL DETAILS OF PROPOSED PLAN OF WORK

1. MI derrick unit. Kill w/wr. install 80'. Pull tbg. Drop trip bob on Mod D. Spot 2 sk cnt on top trip bob w/WL dump bailer. Run LW GR-N log 8900' - 8200' and 4500' - 3900', regular and detail scales.
2. Perf 4 holes @ 8848 (Schl GR meas.) Run tbg w/FB and test cnt plug on Mod D to 2000'. Pull back FB and sq cnt w/50 sk Incor Poz batches as req (Howco). Run tbg gun and perf 4 holes @ 8696 and sq cnt as before. Ditto squeeze on 4 holes @ 8300. Drill out squeeze plugs and test to 2000'. Perf 2' sections, 2 holes/ft in interval 8700-8840' as selected from GR-N log. Keep number of sections perf'd to a minimum and sections as far apart as practical to allow individual testing/plugging if needed. Run tbg w/FB and acidize w/1000 gal Dowell BDA. Drop balls (equal in No. as perfs) continuously thru treatment. Swab and test as necessary for evaluation of interval. May need to run retrievable BP and/or do additional treating. For additional treating, anticipate XM36 and then acid petrofrac w/volumes dependent on previous vels and feet perf'd. If interval proves non-commercial, sq cnt w/100 sk batches Incor Poz as required.
3. If previous completion interval is capable of strong flow at top allowable (108 MOPD w/36 unit

continued on reverse side...

Approved....., 19.....  
Except as follows:

**Sunray Oil Company**  
Company or Operator  
By **V.R. Mayabb**  
District Engineer

Position.....  
Send Communications regarding well to:

Approved  
OIL CONSERVATION COMMISSION

By.....  
Title.....

Name..... **C. T. McGlennan**  
Address..... **SDX P. O. Box 128, Hobbs, N. M.**

continued from reverse side...

pull test packer and run back w/Baker Mod R and set approx 50' above top perf. If previous completion interval has recoverable oil but does not appear to be long life top allowable, set retr BP above top perf and cap w/20' sand. Perf two-foot sections in interval 8300-8700 w/selection, number, and spacing similar to Step No. 2. Treatment and evaluation of sections will also be similar to Step No. 2. If one interval will flow and other won't, may separate flowing interval and produce separate until more equal to other interval.

4. Final completion equipment will depend on fluids obtained. If pumping required, run 2-3/8" tbg, 7/8 and 3/4 rods, and 1 1/2" pump for volumes of less than about 200 BPD.