

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

HOBBS OFFICE OCC

1957 OCT 25 PM 3:49

MISCELLANEOUS NOTICES

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender 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		NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE		NOTICE OF INTENTION TO ACIDIZE	<input checked="" type="checkbox"/>	NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE	<input checked="" type="checkbox"/>	<del>NOTICE OF INTENTION (OTHER)</del> <b>Temporarily Abandon Drinkard Oil</b>	<input checked="" type="checkbox"/>	NOTICE OF INTENTION (OTHER) <b>Pressure Treat</b>	<input checked="" type="checkbox"/>

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Hobbs, New Mexico  
(Place)

October 25, 1957  
(Date)

Gentlemen:

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

**Gulf Oil Corporation** **Nasiri Keenan** Well No. **2** in **0**  
(Company or Operator) (Unit)  
**SW 1/4 SE 1/4 of Sec. 14**, T. **21-S**, R. **37-E**, NMPM., **Drinkard** Pool  
(40-acre Subdivision)  
.....County.

FULL DETAILS OF PROPOSED PLAN OF WORK

(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

It is proposed to temporarily abandon Drinkard Oil & recomplete in Tubb Gas Zone as follows:

1. Pull rods, pump and 2-3/8" tubing.
2. Run and set GI bridge plug at 6700'. Run Gamma Ray log and Collar Locator Survey.
3. Perforate casing at approximate depths of 6166', 6207', 6232', 6258', 6288' & 6310'.
4. Run 2-7/8" tubing open ended with hookwall packer & hydraulic holddown, spot 200 gal. mud acid on perforations, then set packer above perforations.
5. Inject mud acid into perforations. Break down formations w/ refined oil, then treat w/ 5000 gal. 24 degree refined oil containing 1# SPG. Flush & overflush w/ 100 bbls. lease oil. Follow overflush w/ 7 rubber ball sealers, then 200 gal. mud acid, then 50 bbls. refined oil, then 5000 gal. free oil. Flush & overflush w/ 100 bbl. lse oil.
6. Repeat treatment four additional times.
7. Allow pressure to dissipate; pull 2-7/8" tubing, re-run 2-3/8" tubing; swab & test and return well to production.

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

Approved  
OIL CONSERVATION COMMISSION

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

**Gulf Oil Corporation**  
Company or Operator

By **67 JAY D**  
Position **Area Supt. of Production**  
Send Communications regarding well to:

Name **Gulf Oil Corporation**  
Address **Box 2167 - Hobbs, New Mexico**

1. The first part of the paper is devoted to the study of the properties of the function  $f(x)$  defined by the equation

$$f(x) = \int_0^x \frac{1}{1+t^2} dt.$$

It is shown that the function  $f(x)$  is increasing and concave down on the interval  $(-\infty, \infty)$ . Moreover, the function  $f(x)$  is bounded on the interval  $(-\infty, \infty)$ .

2. In the second part of the paper, we study the properties of the function  $g(x)$  defined by the equation

$$g(x) = \int_0^x \frac{1}{1+t^2} dt + \int_0^x \frac{1}{1+t^4} dt + \int_0^x \frac{1}{1+t^6} dt + \dots$$

It is shown that the function  $g(x)$  is increasing and concave down on the interval  $(-\infty, \infty)$ . Moreover, the function  $g(x)$  is bounded on the interval  $(-\infty, \infty)$ .

3. The third part of the paper is devoted to the study of the properties of the function  $h(x)$  defined by the equation

$$h(x) = \int_0^x \frac{1}{1+t^2} dt + \int_0^x \frac{1}{1+t^4} dt + \int_0^x \frac{1}{1+t^6} dt + \dots$$

It is shown that the function  $h(x)$  is increasing and concave down on the interval  $(-\infty, \infty)$ . Moreover, the function  $h(x)$  is bounded on the interval  $(-\infty, \infty)$ .