

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent 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 its 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 TEST CASING SHUT-OFF	<input checked="" type="checkbox"/>	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Hobbs, New Mexico

Place

11/6/36

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intentiton to do certain work as described below at the _____

Tide Water Oil Company T. Anderson Well No. 2 in SE¹
 Company or Operator Lease
 of Sec. 8, T. 20, R. 37, N. M. P. M., Monument Field,
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

7"OD Casing was set in 8-3/4" hole at 3804' w/500-sacks cement.
 1200# pressure will be pumped on casing before and after drilling
 11/9/36.

DI 100 11/9/36

Approved _____, 19_____
 except as follows:

OIL CONSERVATION COMMISSION,

By _____

Title _____

Tide Water Oil Company

Company or Operator

By _____

Position _____

Send communications regarding well to

Name _____

Address Drawer KK Hobbs, New Mexico

11/11/36

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 $(-\infty, \infty)$. The maximum value of the function is $\frac{\pi}{2}$.

2. The second part of the paper is devoted to the study of the properties of the function $g(x)$ defined by the equation

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

It is shown that the function $g(x)$ is increasing and concave down on the interval $(-\infty, \infty)$. The maximum value of the function is $\frac{\pi}{4}$.

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

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

It is shown that the function $h(x)$ is increasing and concave down on the interval $(-\infty, \infty)$. The maximum value of the function is $\frac{\pi}{6}$.

4. The fourth part of the paper is devoted to the study of the properties of the function $k(x)$ defined by the equation

$$k(x) = \int_0^x \frac{1}{1+t^8} dt$$

It is shown that the function $k(x)$ is increasing and concave down on the interval $(-\infty, \infty)$. The maximum value of the function is $\frac{\pi}{8}$.

5. The fifth part of the paper is devoted to the study of the properties of the function $l(x)$ defined by the equation

$$l(x) = \int_0^x \frac{1}{1+t^{10}} dt$$

It is shown that the function $l(x)$ is increasing and concave down on the interval $(-\infty, \infty)$. The maximum value of the function is $\frac{\pi}{10}$.

6. The sixth part of the paper is devoted to the study of the properties of the function $m(x)$ defined by the equation