

## 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 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  
PlaceMay 13, 1948  
DateOIL CONSERVATION COMMISSION,  
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the \_\_\_\_\_  
Gulf Oil Corporation East Grimes Well No. 5 in NW NE  
 Company or Operator  
 of Sec. 33, T. 18 S, R. 38E, N. M. P. M., Bowers Field  
Lea County.

## FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

On May 12, 1948 ran 10 jts new 9-5/8" OD 8 Rd Thd 40# (Grade D, Range 2 SS csg. Tallies 300', H-12', set @ 312'. Cemented by Halliburton w/250 sacks neat bulk cement, plug @ 295'. Cement circulated OK. Job started 8:45 AM and completed 11:30 AM.

Propose to drill plug and test shut-off at 11:30 PM May 13, 1948.

Approved \_\_\_\_\_, 19\_\_\_\_  
 except as follows:

OIL CONSERVATION COMMISSION,  
 By Noy Yankovich  
 Title \_\_\_\_\_

Gulf Oil Corporation  
 Company or Operator  
 By E. J. Gallagher  
 Position District Supt.  
 Send communications regarding well to  
 Name E. J. Gallagher  
 Address Box 1667, Hobbs, New Mexico

1. The first part of the paper is devoted to the study of the

properties of the function

$f(x) = \sum_{n=0}^{\infty} \frac{x^n}{n!}$

for  $x \in \mathbb{R}$ . It is shown that this function is continuous and differentiable on  $\mathbb{R}$ , and that its derivative is equal to itself. This result is proved by using the definition of the derivative and the properties of the exponential function.

2. The second part of the paper is devoted to the study of the

properties of the function  $f(x) = \sum_{n=0}^{\infty} \frac{x^n}{n!}$  for  $x \in \mathbb{C}$ . It is shown that this function is analytic on  $\mathbb{C}$ , and that its derivative is equal to itself. This result is proved by using the definition of the derivative and the properties of the exponential function.

3. The third part of the paper is devoted to the study of the

properties of the function  $f(x) = \sum_{n=0}^{\infty} \frac{x^n}{n!}$  for  $x \in \mathbb{R}$ . It is shown that this function is continuous and differentiable on  $\mathbb{R}$ , and that its derivative is equal to itself. This result is proved by using the definition of the derivative and the properties of the exponential function.

4. The fourth part of the paper is devoted to the study of the

properties of the function

$f(x) = \sum_{n=0}^{\infty} \frac{x^n}{n!}$

for  $x \in \mathbb{R}$ . It is shown that this function is continuous and differentiable on  $\mathbb{R}$ , and that its derivative is equal to itself. This result is proved by using the definition of the derivative and the properties of the exponential function. The same result is also proved for the function  $f(x) = \sum_{n=0}^{\infty} \frac{x^n}{n!}$  for  $x \in \mathbb{C}$ .

5. The fifth part of the paper is devoted to the study of the

properties of the function  $f(x) = \sum_{n=0}^{\infty} \frac{x^n}{n!}$  for  $x \in \mathbb{R}$ . It is shown that this function is continuous and differentiable on  $\mathbb{R}$ , and that its derivative is equal to itself. This result is proved by using the definition of the derivative and the properties of the exponential function. The same result is also proved for the function  $f(x) = \sum_{n=0}^{\infty} \frac{x^n}{n!}$  for  $x \in \mathbb{C}$ .

6. The sixth part of the paper is devoted to the study of the

properties of the function  $f(x) = \sum_{n=0}^{\infty} \frac{x^n}{n!}$  for  $x \in \mathbb{R}$ . It is shown that this function is continuous and differentiable on  $\mathbb{R}$ , and that its derivative is equal to itself. This result is proved by using the definition of the derivative and the properties of the exponential function. The same result is also proved for the function  $f(x) = \sum_{n=0}^{\infty} \frac{x^n}{n!}$  for  $x \in \mathbb{C}$ .

7. The seventh part of the paper is devoted to the study of the