

**NEW I CO OIL CONSERVATION COMM. ION**  
**Santa Fe, New Mexico**

**NOTICE OF INTENTION TO DRILL**

Notice must be given to the Oil Conservation Commission or its proper agent and approval obtained before drilling begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in triplicate. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

**Tulsa, Oklahoma**

**March 5, 1937**

Place

Date

OIL CONSERVATION COMMISSION,  
 Santa Fe, New Mexico

Gentlemen:

You are hereby notified that it is our intention to commence the drilling of a well to be known as \_\_\_\_\_

**Gulf Oil Corporation**

**Oreutt D**

Well No. **1** in **NW NE**

Company or Operator

Lease

of Sec. **18**, T. **20S**, R. **30E**, N. M. P. M., **Monument** Field, **Lea** County.  
 N.

The well is **600** feet [**N**] [S.] of the **North** line and **600** feet

[E.] [**SE**] of the **East** line of **NW NE**

(Give location from section or other legal subdivision lines. Cross out wrong directions.)

If state land the oil and gas lease is No. **B - 244** Assignment No. \_\_\_\_\_

If patented land the owner is \_\_\_\_\_

Address \_\_\_\_\_

If government land the permittee is \_\_\_\_\_

Address \_\_\_\_\_

The lessee is **Gulf Oil Corporation**

Address **Tulsa, Oklahoma**

AREA 640 ACRES  
 LOCATE WELL CORRECTLY

We propose to drill well with drilling equipment as follows: \_\_\_\_\_

**Rotary tools**

The status of a bond for this well in conformance with Rule 39 of the General Rules and Regulations of the Commission is as follows: \_\_\_\_\_

We propose to use the following strings of casing and to land or cement them as indicated:

Size of Hole	Size of Casing	Weight Per Foot	New or Second Hand	Depth	Landed or Cemented	Sacks Cement
	<b>10-5/8</b>	<b>52.75</b>	<b>New</b>	<b>500'</b>	<b>Cemented</b>	<b>200</b>
<b>9-5/8</b>	<b>7-5/8</b>	<b>22</b>	<b>New</b>	<b>2400'</b>	<b>Cemented</b>	<b>325</b>
<b>6-5/8</b>	<b>5-1/2</b>	<b>17</b>	<b>New</b>	<b>3000'</b>	<b>Cemented</b>	<b>175</b>

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil or gas sand should occur at a depth of about **3000** feet.

Additional information:

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

Sincerely yours,

**Gulf Oil Corporation**

Company or Operator

By \_\_\_\_\_

Position

**General Superintendent**

Send communication regarding well to

Name **S. G. Sanderson**

Address **Tulsa, Oklahoma**

OIL CONSERVATION COMMISSION,

By \_\_\_\_\_

Title \_\_\_\_\_

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

properties of the function  $f(x)$  defined by

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

where  $a_n$  are the coefficients of the power series expansion of  $f(x)$  at the origin.

It is well known that the function  $f(x)$  is analytic at the origin if and only if

$$\lim_{n \rightarrow \infty} \frac{a_n}{n!} = 0$$

and the function  $f(x)$  is entire if and only if

$$\lim_{n \rightarrow \infty} \frac{a_n}{n!} = 0$$

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