



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Santa Fe
Lease No. 680776
Unit Floresco

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	<input type="checkbox"/>	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	<input type="checkbox"/>	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	<input type="checkbox"/>	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	<input type="checkbox"/>	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	<input type="checkbox"/>	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	<input type="checkbox"/>	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 4

1953

Well No. 1-9 is located 870 ft. from XXIX line and 309 ft. from W line of sec. 25
Section 25 30 E 10 W N.M.P.M.
($\frac{1}{4}$ Sec. and $\frac{1}{4}$ Sec. No.) (Twp.) (Range) (Meridian)
Blanco San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6101 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is intended to drill a well with Rotary tools through the reservoir
drilling the pay with gas circulation and to shoot the entire pay section
with two quarts S.W.C. per foot. T.D. 5035'.

Casing Program:

9-5/8" at 170' with 125 sacks regular cement circulated to surface.
7" at 4205' with 500 sacks regular cement.

The 1/2 of Section 25 is dedicated to this well.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company E. FANC NATURAL GAS COMPANYAddress BOX 977FARMINGTON, NEW MEXICOBy [Signature]Title Petroleum Engineer

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

study of the properties of the function

defined on the interval

by the formula

where α is a real number, $\alpha > 0$, and β is a real number, $\beta > 0$.

It is known that

the function $f(x)$ is continuous on the interval $[0, 1]$ and that it is differentiable at the point $x = 0$ if and only if $\alpha > 1$ and $\beta > 1$.

In the present paper we shall study the properties of the function $f(x)$ for $\alpha > 0$ and $\beta > 0$. We shall show that the function $f(x)$ is continuous on the interval $[0, 1]$ and that it is differentiable at the point $x = 0$ if and only if $\alpha > 1$ and $\beta > 1$.

2. Let us consider the function

defined on the interval $[0, 1]$ by the formula

where α is a real number, $\alpha > 0$, and β is a real number, $\beta > 0$.

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In the present paper we shall study the properties of the function $f(x)$ for $\alpha > 0$ and $\beta > 0$.

3. Let us consider the function

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In the present paper we shall study the properties of the function $f(x)$ for $\alpha > 0$ and $\beta > 0$.

4. Let us consider the function

defined on the interval $[0, 1]$ by the formula

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