

NEW MEXICO
OIL CONSERVATION COMMISSION
Drawer DD Artesia, NM

DISTRICT OFFICE #2 Sept. thru Dec. 1976

NO. 2087 M

SUPPLEMENT TO THE OIL PRORATION SCHEDULE

DATE 10-18-76

PURPOSE ALLOWABLE ASSIGNMENT FOR A NEW WELL (N-S)

Effective 10-9-76, an allowable of 52 barrels of oil per day is hereby assigned to the Yates Pet. Corp. Mix "GP" #1-0, 22-18-26, Atoka SA Pool.

Oct. total, 1196 bbls
Nov. " , 1560 "
Dec. " , 1612 "

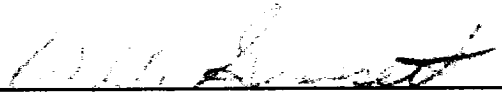
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Yates Pet. Corp.

MCO

P--Yates Pet. Corp.

OIL CONSERVATION COMMISSION


DISTRICT SUPERVISOR

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

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

where x is a real number. It is shown that the function $f(x)$ is continuous and differentiable everywhere, and that its derivative is equal to $\frac{1}{1+x^2}$. It is also shown that the function $f(x)$ is bounded on any finite interval.

2. In the second part of the paper, we consider the function $F(x)$ defined by the equation

$$F(x) = \int_0^x \frac{1}{1+t^2} dt, \quad (2)$$

where x is a real number.

It is shown that the function $F(x)$ is continuous and differentiable everywhere, and that its derivative is equal to $\frac{1}{1+x^2}$.

3. In the third part of the paper, we consider the function $G(x)$ defined by the equation

$$G(x) = \int_0^x \frac{1}{1+t^2} dt, \quad (3)$$

where x is a real number.

$$G(x) = \int_0^x \frac{1}{1+t^2} dt, \quad (4)$$

$$G(x) = \int_0^x \frac{1}{1+t^2} dt, \quad (5)$$

$$G(x) = \int_0^x \frac{1}{1+t^2} dt, \quad (6)$$

$$G(x) = \int_0^x \frac{1}{1+t^2} dt, \quad (7)$$

$$G(x) = \int_0^x \frac{1}{1+t^2} dt, \quad (8)$$

$$G(x) = \int_0^x \frac{1}{1+t^2} dt, \quad (9)$$

$$G(x) = \int_0^x \frac{1}{1+t^2} dt, \quad (10)$$