

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
1000 Rio Brazos Road
Aztec, New Mexico 87410

March 8, 1968

Tenneco Oil Company

P. O. Box 1714

Durango, Colorado 81302

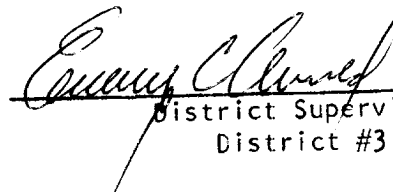
Attention: Mr. George A. Ford

SUBJECT: NON-STANDARD GAS PRORATION UNIT CONSISTING OF 331.38 ACRES
IN THE Blanco Mesaverde GAS POOL DESCRIBED AS
FOLLOWS:

TOWNSHIP 30 NORTH, RANGE 9 WEST, NMPM

SECTION: 25 South half

By authority granted me by Rule 5(B) of Order No. R-1670, as amended, the
above-described acreage has been approved as a non-standard gas proration
unit to be dedicated to the Jacques
Well No. 1, located 1090' from S. line & 850' from W. line of said
Section 25.


District Supervisor
District #3

cc: Oil Conservation Commission
Santa Fe, New Mexico

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 $(-\infty, \infty)$.

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

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

It is shown that the function $g(x)$ is increasing and concave down on the interval $(-\infty, \infty)$.

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

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

It is shown that the function $h(x)$ is increasing and concave down on the interval $(-\infty, \infty)$.

4. In the fourth part of the paper, we consider the function $k(x)$ defined by the equation

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

It is shown that the function $k(x)$ is increasing and concave down on the interval $(-\infty, \infty)$.

5. In the fifth part of the paper, we consider the function $l(x)$ defined by the equation

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

It is shown that the function $l(x)$ is increasing and concave down on the interval $(-\infty, \infty)$.