

CAULKINS OIL COMPANY
POST OFFICE BOX 967
FARMINGTON, NEW MEXICO
June 5, 1958

Oil & Gas Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico

Gentlemen:

We request permission to use initial deliverability test on following well as
1958 annual test.

PC 131 NW¹ NE¹ Section 9, 26N 6W, Rio Arriba County,
New Mexico.

Condition Period: May 24 to June 8, 1958
Test Period: June 8 to June 16, 1958
Shut In: June 16 to June 23, 1958

Thank you.

Yours very truly,

Caulkins Oil Company

By Frank Gray
Frank Gray, Supt.

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

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

for $x \in \mathbb{R}$.

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

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

for $x \in \mathbb{R}$. We show that the function $f(x)$ is increasing and concave down on \mathbb{R} .

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

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

for $x \in \mathbb{R}$.

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

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