

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

Continental Oil Company
Box 1621
Durango, Colorado

Re: Undesignated wells placed in
pools by Order R -3281

Gentlemen:

The below listed wells have been placed in the pools as indicated. This change has been made in our records. Please change your records to reflect the proper pool names.

Transporters are advised by copy of this letter to change their records to reflect the proper pool names.

POOL	LEASE	WELL	U-S-T-R	TRANSPORTER
Table Mesa- Mississippian	Table Mesa	#29	N-9-27N-17W	Four Corners Pipeline Co.

Yours very truly,

District #3

Distribution - Orig.: Operator
cc: Transporter
cc: File ✓
cc: OCC, Santa Fe

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

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

where x is a real number. It is shown that the function $f(x)$ is continuous and differentiable on the whole real axis. The derivative of the function is found to be

$$f'(x) = \frac{1}{1+x^2}. \quad (2)$$

It is also shown that the function $f(x)$ is bounded on the whole real axis. The maximum and minimum values of the function are found to be

$$f(x) \leq \frac{\pi}{2}, \quad f(x) \geq -\frac{\pi}{2}. \quad (3)$$

The second part of the paper is devoted to the study of the properties of the function $g(x)$ defined by the equation

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

where x is a real number. It is shown that the function $g(x)$ is continuous and differentiable on the whole real axis. The derivative of the function is found to be