

OIL CONSERVATION COMMISSION

P. O. BOX 2045  
HOEBBS, NEW MEXICO

JUL 7 1958

DATE July 3, 1958

TO:

John H. Trigg

Box 5629

Foswell, N. M.

Gentlemen:

In accordance with the provisions of Commission Order No. R 1210,  
your Federal D #8-17-L 17-16-30, which  
Lease Well No. S-T-R,  
is currently listed in the undesignated section of the oil proration  
schedule, will appear in the West Henshaw Grayburg Pool in  
the August Proration schedule.

Please file Form C-110 showing the change in pool designation of  
this well, with the OCC Office in Artesia.

Yours very truly,

OIL CONSERVATION COMMISSION

R. F. Montgomery  
Proration Manager

RFM/eb  
cc-OCC, Artesia

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

is the function defined on the interval

by the formula

is the function defined on the interval

by the formula

where  $\alpha$  is a real number,  $\alpha \neq 0$ , and  $\beta$  is a real number,  $\beta \neq 0$ .

The function  $f(x)$  is continuous on the interval  $[0, 1]$  and has the following properties:

1.  $f(0) = 0$ ,  $f(1) = 1$ .

2.  $f(x) = 1 - f(1 - x)$ .

3.  $f(x) = f(\alpha x + \beta(1 - x))$ .

4.  $f(x) = f(\alpha^2 x + \beta(1 - \alpha x))$ .

5.

6.

7.

8.

9.