

NEW MEXICO
OIL CONSERVATION COMMISSION

Drawer DD Artesia, N. M.

DISTRICT OFFICE #2

Jan. thru April, 1976

NO. 2093 R

SUPPLEMENT TO THE OIL PRORATION SCHEDULE

DATE 3-12-76

PURPOSE ALLOWABLE REVISION

Effective 3-1-76, the allowables of the following
Tom Boyd Drlg. Co. wells in the pool listed below
are hereby revised as indicated.

Shugart

Keohane #1-M, 25-18-31, increased to 10 BOPD.
Mar. total, 310 bbls
Apr. " , 300 "


Keohane #2-L, 25-18-31, increased to 10 BOPD.
Mar. total, 310 bbls
Apr. " , 300 "

WAG:jw

Tom Boyd Drlg. Co.

TMM

OIL CONSERVATION COMMISSION


DISTRICT SUPERVISOR

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 well known that

$$f(x) = \arctan x.$$

and

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

It is also known that

$$f(x) = \frac{1}{2} \ln \frac{1+x}{1-x}.$$

It is easy to see that

$$f(x) = \frac{1}{2} \ln \frac{1+x}{1-x}.$$

and

$$f(x) = \frac{1}{2} \ln \frac{1+x}{1-x}.$$

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