

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New MexicoREQUEST FOR (OIL) - (~~GAS~~) ALLOWABLENew Well  
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Midland, Texas  
(Place)June 7, 1957  
(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Joseph L. O'Neill, Jr. FEDERAL "B", Well No. 4, in NW 1/4 NE 1/4,  
(Company or Operator) (Lease)  
B, Sec. 9, T. 13S, R. 31E, NMPM, Caprock - Queen Pool  
(Unit)  
Chaves County. Date Spudded 5-15-57, Date Completed 5-21-57

Please indicate location:

		x	

Elevation 4426.7 D.F. Total Depth 3177.5' RKB P.B. 3176' RKB

Top oil/gas pay 3165.5 Prod. Form 3165.5'

Casing Perforations: 3165.5 - 3175.5' RKB or

Depth to Casing shoe of Prod. String 3176.50' RKB

Natural Prod. Test swabbed 16 BOPD

based on 4 bbls. Oil in 6 Hrs. 0 Mins.

Test after ~~extension~~ Sandoilfrac 64.32 BOPD

Based on 42.88 bbls. Oil in 16 Hrs. 0 Mins.

Gas Well Potential -----

Size choke in inches pumping

Date first oil run to tanks or gas to Transmission system: 5-24-57

Transporter taking Oil or Gas: Artesia Pipe Line Co.

## Casing and Cementing Record

Size Feet Sax

8 5/8"	338.23	200
5 1/2"	3176.50	175

Remarks:

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved \_\_\_\_\_, 19 \_\_\_\_\_

Joseph L. O'Neill, Jr.  
(Company or Operator)

By: \_\_\_\_\_

C. L. Flyer  
(Signature)

Title: \_\_\_\_\_

Production Clerk

Send Communications regarding well to:

Name: Joseph L. O'Neill, Jr.

Address: 410 W. Ohio, Midland, Texas

OIL CONSERVATION COMMISSION

By: \_\_\_\_\_

Title \_\_\_\_\_

1. The first part of the paper is devoted to the study of the

regularity of the function

$f(x) = \sum_{n=1}^{\infty} \frac{1}{n^2} \cos \frac{2\pi n x}{\lambda}$

for  $\lambda > 0$ . It is shown that  $f(x)$  is a function of bounded variation

if and only if  $\lambda \geq 1$ . For  $\lambda < 1$  the function

$f(x)$  is not of bounded variation.

2. The second part of the paper

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3. The third part of the paper

is devoted to the study of the

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4. The fourth part of the paper