

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF		NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Hobbs, New Mexico March 9, 1948

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the _____

Shell Oil Company, Incorporated State D Well No. 2 in NW/4
Company or Operator Lease
 of Sec. 24, T. 18-S, R. 37-E, N. M. P. M., Hobbs Field.
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Propose to acidise formation through liner perforations from 4186 to 4194 feet
 with 5000 gallons 15% acid.

Approved _____, 19____
 except as follows:

OIL CONSERVATION COMMISSION,
 By [Signature]
 Title _____

Shell Oil Company, Incorporated
Company or Operator
 By G. R. Brainard, Jr.
 Position District Superintendent
 Send communications regarding well to
 Name Shell Oil Company, Incorporated
 Address Box 1457 Hobbs, New Mexico

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

study of the properties of the

operator T defined by

$$Tf(x) = \int_0^x f(t) dt$$

for $f \in L^1(\mathbb{R})$.

It is shown that T is a bounded operator from $L^1(\mathbb{R})$ to $L^1(\mathbb{R})$ and that

$$\|Tf\|_1 \leq \|f\|_1$$

for all $f \in L^1(\mathbb{R})$.

Moreover, it is shown that

$$\|Tf\|_1 = \|f\|_1$$

if and only if $f \geq 0$ almost everywhere.

2.

The second part of the paper is devoted to the

study of the properties of the operator S defined by

$$Sf(x) = \int_0^x f(t) dt$$

for $f \in L^1(\mathbb{R})$.

It is shown that

$$\|Sf\|_1 \leq \|f\|_1$$

for all $f \in L^1(\mathbb{R})$.

Moreover, it is shown that

3.

4.

The third part of the paper is devoted to the

study of the properties of the operator T defined by

$$Tf(x) = \int_0^x f(t) dt$$

for $f \in L^1(\mathbb{R})$.

It is shown that

$$\|Tf\|_1 \leq \|f\|_1$$

for all $f \in L^1(\mathbb{R})$.