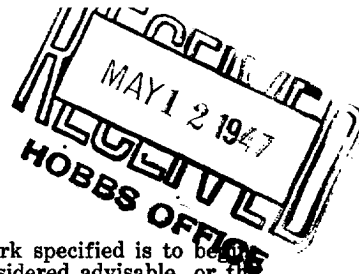


NEW MEXICO OIL CONSERVATION COMMISSION

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	
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	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO DEEPEN WELL			

Prewitt, N.M.

April 30, 1947

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 PETROLEUM PRODUCTS RFG.
AND PRODUCING CO. SANTA FE Well No. 46 in SE SW
 Company or Operator 1 Lease 9 W, N. M. P. M., Hospah Field,
 of Sec. 17 N, R. 9 W, N. M. P. M., McKinley County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

WE PROPOSE TO PLUG THE WELL WITH CEMENT LEAVING ABOUT ONE HUNDRED
 FEET OF CEMENT IN THE PIPE AFTER WHICH WE WILL PULL THE CASING
 OUT OF THE WELL, IF POSSIBLE.

Approved MAY 12 1947, 19____
 except as follows:

OIL CONSERVATION COMMISSION
 By [Signature]
 Title Oil & Gas Inspector

PETROLEUM PRODUCTS RFG. AND PRODUCING CO.
 Company or Operator
 By [Signature]
 Position President

Send communications regarding well to

Name PETROLEUM PRODUCTS RFG. AND PRODUCING CO.
 Address PREWITT, N.M.

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

properties of the

operator

defined by the formula

where \mathcal{H} is a Hilbert space, \mathcal{A} is a self-adjoint operator, \mathcal{B} is a bounded operator, and \mathcal{C} is a compact operator. The main result of this section is the following theorem.

Theorem 1. Let \mathcal{A} be a self-adjoint operator, \mathcal{B} be a bounded operator, and \mathcal{C} be a compact operator. Then the operator

defined by the formula

is a self-adjoint operator.

2. The second part of the paper is devoted to the study of the

operator

defined by the formula

where

is a Hilbert space, \mathcal{A} is a self-adjoint operator, \mathcal{B} is a bounded operator, and \mathcal{C} is a compact operator.

The main result of this section is the following theorem.

Theorem 2. Let \mathcal{A} be a self-adjoint operator, \mathcal{B} be a bounded operator, and \mathcal{C} be a compact operator. Then the operator

defined by the formula

is a self-adjoint operator.

3. The third part of the paper is devoted to the study of the

operator

defined by the formula

where

The main result of this section is the following theorem.

Theorem 3. Let \mathcal{A} be a self-adjoint operator, \mathcal{B} be a bounded operator, and \mathcal{C} be a compact operator. Then the operator

defined by the formula

is a self-adjoint operator.

4. The fourth part of the paper is devoted to the study of the

operator

defined by the formula

where