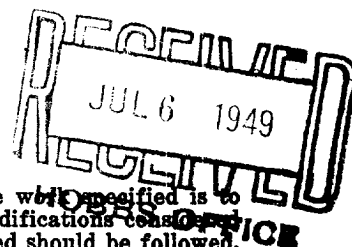


## NEW MEXICO OIL CONSERVATION COMMISSION

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 | 7" | 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                      |  |
| NOTICE OF INTENTION TO DEEPEN WELL          |    |   |  |

Hobbs, New Mexico

July 5, 1949

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 \_\_\_\_\_  
Gulf Oil Corporation H. T. Mattern "B" Well No. 7 in C NE NE NE  
 Company or Operator \_\_\_\_\_ Lease \_\_\_\_\_  
 of Sec. 31, T. 21S, R. 37E, N. M. P. M., Drinkard Field.  
Lea County.

## FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

On July 1, 1949, ran 204 jts of new 7" OD, 8 Rd. Thd., N-80 and J-55, R-3 and 2 SS casing. From bottom up: 24 jts N-80, R-3, long T & C w/one - 7" Baker casing centralizer spaced @ 6526', Tallies 6518.90', H-11.10', set @ 6530'. Cemented w/ 575 sacks 2% Howcogel and 125 sacks common Portland bulk cement. Plug @ 6487'. Lost circulation after pumping plug down 24 minutes. Job started @ 9:30 a.m. and completed @ 5:00 p.m.

Propose to drill plug and test shut-off @ 5:00 p.m., July 3, 1949.

Approved JUL 6 1949, 19\_\_\_\_\_  
 except as follows:

OIL CONSERVATION COMMISSION,  
 By Roy Yarbrough  
 Title \_\_\_\_\_

Gulf Oil Corporation  
 Company or Operator \_\_\_\_\_  
 By Chas. Taylor  
 Position General Foreman  
 Send communications regarding well to \_\_\_\_\_  
 Name Chas. Taylor  
 Address Box 1667, 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  $f \in L^p(\mathbb{R})$ ,  $1 < p < \infty$ . It is shown that

$T$  is bounded on  $L^p(\mathbb{R})$  and

that the norm of  $T$  is equal to 1. The second part of the

paper is devoted to the study of the properties of the

operator  $S$  defined by  $Sf(x) = f(x) + Tf(x)$ . It is shown that

$S$  is bounded on  $L^p(\mathbb{R})$  and that the norm of  $S$  is equal to

$1 + \frac{1}{p}$ . The third part of the paper is devoted to the

study of the properties of the

operator  $R$  defined by

$$Rf(x) = \int_0^x f(t) dt + f(x)$$

for  $f \in L^p(\mathbb{R})$ ,  $1 < p < \infty$ . It is shown that

$R$  is bounded on  $L^p(\mathbb{R})$  and that the norm of  $R$  is equal to

$1 + \frac{1}{p}$ . The fourth part of the paper is devoted to the

study of the properties of the operator  $Q$  defined by

$$Qf(x) = \int_0^x f(t) dt + f(x) + \int_x^\infty f(t) dt$$

for  $f \in L^p(\mathbb{R})$ ,  $1 < p < \infty$ . It is shown that

$Q$  is bounded on  $L^p(\mathbb{R})$  and that the norm of  $Q$  is equal to

$1 + \frac{1}{p}$ . The fifth part of the paper is devoted to the

study of the properties of the operator  $P$  defined by

$$Pf(x) = \int_0^x f(t) dt + f(x) + \int_x^\infty f(t) dt + \int_0^x f(t) dt$$

for  $f \in L^p(\mathbb{R})$ ,  $1 < p < \infty$ . It is shown that

$P$  is bounded on  $L^p(\mathbb{R})$  and that the norm of  $P$  is equal to

$1 + \frac{1}{p}$ . The sixth part of the paper is devoted to the

study of the properties of the operator  $V$  defined by

$$Vf(x) = \int_0^x f(t) dt + f(x) + \int_x^\infty f(t) dt + \int_0^x f(t) dt + \int_x^\infty f(t) dt$$

for  $f \in L^p(\mathbb{R})$ ,  $1 < p < \infty$ . It is shown that