

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## MISCELLANEOUS REPORTS ON WELL

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut-offs, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	X	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Midland, Texas, May 19, 1944

Place

Date

OIL CONSERVATION COMMISSION,  
Santa Fe, New Mexico.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the

Standard Oil Co. of Texas H. E. Wilson Well No. 1 in the  
Company or Operator Lease

SW-1/4 of SE-1/4 of Sec. 3, T. 22-S, R. 25-E, N. M. P. M.,  
Eldorado Field, Eddy County

The dates of this work were as follows: January 19 and 20, 1944

Notice of intention to do the work was (~~was~~) submitted on Form C-102 on December 1, 1944  
and approval of the proposed plan was (~~was~~) obtained. (Cross out incorrect words)

## DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Landed and cemented 907' of 10-3/4" casing at 913' with 135 sax of cement by Halliburton Process. Cement stood 72 hours. Hole was bailed dry and no water entered. Drilled plug and water entered on test. Recemented with 135 sax. Cement stood 72 hours. Failed to shut off water. Tried squeeze cement job. Drilled out cement and found water coming into hole from formation at 926'. Continued drilling wet hole.

Witnessed by J. V. Harris Standard Oil Company of Texas District Foreman  
Name Company Title

Subscribed and sworn to before me this

I hereby swear or affirm that the information given above is true and correct.

22 day of May, 1944

Name D. S. Googins

Position Supervising Engineer

Representing Standard Oil Co. of Texas  
Company or Operator

My Commission expires June 1, 1945

Address Box 1660, Midland, Texas

Remarks:

Name

Title

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

study of the properties of the

operator  $T$  defined by

$$Tf(x) = \int_0^x f(t) dt, \quad x \in [0, 1].$$

It is shown that  $T$  is a compact operator on the space  $L^2[0, 1]$ .

2. In the second part, the properties of the operator  $T$  are studied in the space  $L^p[0, 1]$ .

It is shown that  $T$  is a compact operator on  $L^p[0, 1]$  for  $p > 1$ .

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

study of the properties of the operator  $T$  on the space  $L^1[0, 1]$ .

It is shown that  $T$  is not a compact operator on  $L^1[0, 1]$ .

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

study of the properties of the operator  $T$  on the space  $L^\infty[0, 1]$ .

It is shown that  $T$  is not a compact operator on  $L^\infty[0, 1]$ .

5. The fifth part of the paper is devoted to the

study of the properties of the operator  $T$  on the space  $C[0, 1]$ .

It is shown that  $T$  is a compact operator on  $C[0, 1]$ .

6. The sixth part of the paper is devoted to the study of the properties of the operator  $T$  on the space  $L^p[0, 1]$  for  $p < 1$ .

It is shown that  $T$  is not a compact operator on  $L^p[0, 1]$  for  $p < 1$ .

7. The seventh part of the paper is devoted to the study of the properties of the operator  $T$  on the space  $L^p[0, 1]$  for  $p = 1$ .

It is shown that  $T$  is not a compact operator on  $L^p[0, 1]$  for  $p = 1$ .

8. The eighth part of the paper is devoted to the study of the properties of the operator  $T$  on the space  $L^p[0, 1]$  for  $p > 1$ .

It is shown that  $T$  is a compact operator on  $L^p[0, 1]$  for  $p > 1$ .

9. The ninth part of the paper is devoted to the study of the properties of the operator  $T$  on the space  $L^p[0, 1]$  for  $p < 1$ .

It is shown that  $T$  is not a compact operator on  $L^p[0, 1]$  for  $p < 1$ .

10. The tenth part of the paper is devoted to the study of the properties of the operator  $T$  on the space  $L^p[0, 1]$  for  $p = 1$ .

It is shown that  $T$  is not a compact operator on  $L^p[0, 1]$  for  $p = 1$ .