

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

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-off, 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			

Artesia, New Mexico

April 25, 1946

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

E. E. Scannell et al State Well No. 2-A in the
Company or Operator Lease
NW/4 NW/4 SE/4 of Sec. 30, T. 17, R. 28, N. M. P. M.,
Empire Field, Eddy County.

The dates of this work were as follows: April 19, 1946

Notice of intention to do the work was (was not) submitted on Form C-102 on April 24, 1946
and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

The 8 1/4" pipe was run in this hole at 566' and mudded with 20 sacks of mud and 5 sacks of aquagel. The hole was bailed dry and the pipe tested for leaks. As no leaks developed, drilling was resumed.

Witnessed by W. W. Ports E. E. Scannell et al Geol Engr.
Name Company Title

Subscribed and sworn before me this

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

day of , 19

Name s/ W. W. Ports

Position

Notary Public

Representing

Company or Operator

My commission expires

Address

Remarks:

APPROVED: 4-29-46

s/ Roy Yarbrough

Name

Oil & Gas Inspector

Title

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

properties of the operator

$$T_{\lambda} f(x) = \int_{\mathbb{R}^n} f(y) K_{\lambda}(x, y) dy$$

where $K_{\lambda}(x, y)$ is a kernel satisfying certain conditions. The main result of this part is the following theorem:

Theorem 1. Let $K_{\lambda}(x, y)$ satisfy the conditions

$$|K_{\lambda}(x, y)| \leq C \lambda^{-n} \phi(\lambda|x-y|)$$

$$\phi(t) = O(t^{-n}) \text{ as } t \rightarrow \infty$$

$$\phi(t) = O(t^{-n}) \text{ as } t \rightarrow 0$$

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then the operator T_{λ} is bounded on $L^p(\mathbb{R}^n)$ for

$$1 < p < \infty$$

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and the norm of the operator is bounded by a constant depending only on n and ϕ .

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

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