

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

REQUEST FOR PERMISSION TO CONNECT WITH PIPE LINE

This request should be SUBMITTED IN TRIPLICATE. See instructions in the Rules and Regulations of the Commission.

Hobbs, New Mexico

November 10, 1937

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Permission is requested to connect Repollo Oil Company Lee Carter Lease
 Wells No. 1 in SW/4 NE/4 of Sec. 9, T. 24 S., R. 37 E., N. M. P. M.,
Mattix Field, Lea County, with the pipe line of the
Texas-New Mexico Pipe Line Co., Wink, Texas.
 Pipe Line Co. Address
 Status of land (State, Government or privately owned) Privately
 Location of tank battery SW/4 NE/4 Sec. 9-24S-37E, Lea County, New Mexico.
 Description of tanks 500 bbl Low Steel Bolted
 Logs of the above wells were filed with the Oil Conservation Commission November 11, 19 37

All other requirements of the Commission have [have not] been complied with. (Cross out incorrect words.)

Additional information:

DUPLICATE

Yours truly,

Permission is hereby granted to make pipe line connections
requested above.

Repollo Oil Company

Owner or Operator

OIL CONSERVATION COMMISSION,

By G. D. Macy
State Geologist,
 Title Member Oil Conservation C'm's'n.
 Date NOV 15 1937

By R. Smith
 Position District Superintendent
 Address Hobbs, N. Mexico.

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

properties of the

operator T defined by the formula

$$Tf(x) = \int_{-\infty}^{\infty} f(t) K(x, t) dt$$

where $K(x, t)$ is a kernel satisfying the conditions

(1.1)

$$|K(x, t)| \leq C |x - t|^{-\alpha}$$

and

(1.2)

where C is a constant and α is a real number satisfying the conditions

(1.3)

(1.4)

where α is a real number satisfying the conditions

(1.5)

where α is a real number satisfying the conditions

(1.6)

where α is a real number satisfying the conditions

(1.7)

where α is a real number satisfying the conditions

(1.8)

where α is a real number satisfying the conditions

(1.9)

where α is a real number satisfying the conditions

(1.10)