

205 CARPER BLDG.

EDWARD E. KINNEY

PETROLEUM CONSULTANT

BOX 715

ARTESIA, NEW MEXICO

PHONE SHERWOOD 6-3171

November 5, 1957

Mr. A. L. Porter, Director
New Mexico Oil Conservation Commission
Santa Fe, New Mexico

Dear Pete:

My client, Mr. Barney Cockburn, desires to initiate a vacuum recovery project upon two wells in the E/2 NE/4 Section 11-T17S-R32E, Lea County, New Mexico. These wells are located in the Roberts Pool.

Rule 307 of the New Mexico Oil Conservation Commission specifically prohibits the use of vacuum pumps or other devices for creating a vacuum.

On behalf of my client, I hereby apply for a hearing, preferably at Hobbs, before the Oil Conservation Commission to request an exception to Rule 307 for the purpose of permitting said client to use a vacuum pump.

Will you kindly advise when this hearing may be scheduled and what other data you may desire. The offset operators and the U. S. Geological Survey have been notified regarding this proposed project.

Very truly yours,


Edward E. Kinney

EEK/kw

cc: Mr. Barney Cockburn
300 Carper Bldg.
artesia, New Mexico

11/13/57 000
NOV 13 1957

BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

IN THE MATTER OF THE APPLICATION OF THE
J. C. WATSON DRILLING COMPANY FOR AN
ORDER GRANTING AN EXCEPTION TO RULE 307
OF THE NEW MEXICO OIL CONSERVATION
COMMISSION RULES AND REGULATIONS TO
PROVIDE FOR A VACUUM RECOVERY PROJECT
ON THE E/2 NE/4 OF SECTION 11, TOWNSHIP
17 SOUTH, RANGE 32 EAST.

Case No. _____

See log 1-7-58

APPLICATION

Comes the undersigned, J. C. Watson Drilling Company, Mr. Barney Cockburn, President, and hereby makes application for approval of an exception to Rule 307 of the New Mexico Oil Conservation Commission Rules and Regulations for a vacuum recovery project in the Roberts Pool, Lea County, New Mexico, and in support thereof respectfully show:

1. The two wells have decreased in their rate of production to a total of $5\frac{1}{2}$ barrels per day. This is very close to the economic limit of operation. The two well unit is too small to admit of a repressuring or water flood operation. The only secondary recovery method which appears to be feasible at this time is a vacuum project; that is creating a vacuum in the well bore by a means of a vacuum pump at the surface for the purpose of lowering the bottom hole pressure and permitting the formation pressure to push more oil into the well bore.

2. Vacuum pumps have been and are currently being used in North Texas, Illinois, Oklahoma, Kansas, and Nebraska. The J. C. Watson Drilling Company believes that the installation of vacuum pumps upon these two wells will aid in the recovery of more oil than will be recovered by continuation of present primary producing methods and will thereby promote the conservation of oil. The gas produced from these wells is in a quantity too small to be measured.

3. The offset operators have been notified of this contemplated project and of the proposed hearing. No objections have been advanced. Copies of this application will be sent by registered mail to all operators in the Roberts Pool.

J. C. Watson Drilling Company

By *Barney Cockburn*
Barney Cockburn, President
Box 105
Artesia, New Mexico

Attest: *E. M. Perry*
E. M. Perry, Sec.-Treas.

November 13, 1957

REGISTERED NO. 2506

Value \$ 50 Spec. del'y fee \$
Fee \$ 50 Ret. receipt fee \$
Surcharge \$ 3 Rest. del'y fee \$
Postage \$ 3 Airmail

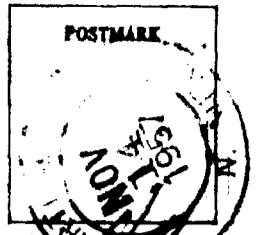


Postmaster, By *EA*
From *E E Kenney*
715 City
To *Boller + Nichols*
Mojave, N.M.

POD Form 3806 Sept. 1955 16-70493-2

REGISTERED NO. 2510

Value \$ 50 Spec. del'y fee \$
Fee \$ 50 Ret. receipt fee \$
Surcharge \$ 3 Rest. del'y fee \$
Postage \$ 3 Airmail

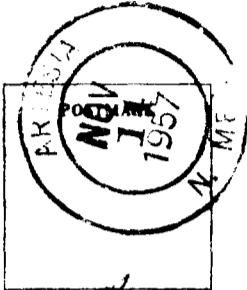


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From *E E Kenney*
City
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Rowley, N.M.

POD Form 3806 Sept. 1955 16-70493-2

REGISTERED NO. 2507

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To *Burison H L + Wood*
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REGISTERED NO. 2511

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Fee \$ 50 Ret. receipt fee \$
Surcharge \$ 3 Rest. del'y fee \$
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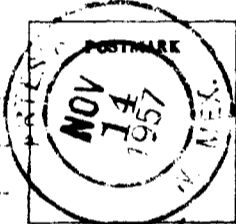


Postmaster, By *EA*
From *E E Kenney*
City
To *Supper + Kenney*
City

POD Form 3806 Sept. 1955 16-70493-2

REGISTERED NO. 2508

Value \$ 50 Spec. del'y fee \$
Fee \$ 50 Ret. receipt fee \$
Surcharge \$ 3 Rest. del'y fee \$
Postage \$ 3 Airmail



Postmaster, By *EA*
From *E E Kenney*
City
To *Leonard Nichol*
Mojave, N.M.

POD Form 3806 Sept. 1955 16-70493-2

REGISTERED NO. 2508

Value \$ 50 Spec. del'y fee \$
Fee \$ 50 Ret. receipt fee \$
Surcharge \$ 3 Rest. del'y fee \$
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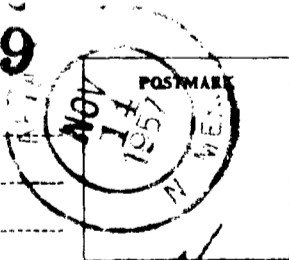


Postmaster, By *EA*
From *E E Kenney*
City
To *The Texas Co*
Hobbs, N.M.

POD Form 3806 Sept. 1955 16-70493-2

REGISTERED NO. 2509

Value \$ 50 Spec. del'y fee \$
Fee \$ 50 Ret. receipt fee \$
Surcharge \$ 3 Rest. del'y fee \$
Postage \$ 3 Airmail



Postmaster, By *EA*
From *E E Kenney*
City
To *W. E. Pittman*
Midland, Texas

NOTE: Registered receipts for J. C. Watson Drilling Company in regard application for vacuum project.