

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

August 20, 1959

Mr. Harold Kersey
P. O. Box 305
Artesia, New Mexico

Dear Mr. Kersey:

We enclose herewith two copies Order No. R-1470 in Case 1733 and two copies of Order R-1471 in Case 1734 issued by the Oil Conservation Commission on August 20, 1959.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ir/

Enclosures

*Copy sent to
Hobbs & Artesia*

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Date 8-6-59

CASE NO. 1733

HEARING DATE 8-5-59

My recommendations for an order in the above numbered case(s) are as follows:

1. approve the pilot flood ^{to be called "Twin Lakes"} for Kersey con-
sisting of the SW/4 sec. 28-185-28E.
2. approve three wells for the injection
of water ~~sealed~~ ⁱⁿ northdop locations.
for same.

(a) Kersey - Twin Lakes #4, 1324/W, 2370/N,
" " " " #5 2370/S, 2370/W
" " " " #8 2370/S, 270/W

all in 28-185-28E.

3. Incorporate administrative approval for
(a) northdop locations for additional
injection wells.
(b) Capacity allowables for affected
producing wells.
(c) additional injection wells.
4. Casing in injection wells shall be new
and cemented to the surface, then tested
to the hydrostatic head of the fluid column
plus the ~~maximum~~ ^{Staff Member} pressure to be used
at the surface.

Thos. H. Mc...

**Plan for Kersey & Company Twin Lakes Waterflood
in Section 28-18-28, Eddy County, New Mexico.**

Proposed plan of flooding the SW/4 Section 28-18-28, will be to start a pilot flood along the North line of the acreage. The Graridge Corporation is presently flooding the NW/4 of this section and has injection wells offsetting this acreage. At the beginning water will be injected in wells No. 8, No. 4, and No. 5 and production wells No. 10 and No. 11 drilled. When increases are noted in the production wells, administrative approval will be asked to expand the flood to the next row of injection wells. This method will be used for flooding the entire tract. The proposed overall plan of injection wells and production wells are as follows:

Injection wells:

✓ No. 8, an old plugged producer on unorthodox location, located 270' East of West line and 2370' from the South line of Section 28-18-28.

✓ No. 4, an old plugged producer on unorthodox location, located 1324' East of West line and 2370' North of South line of Section 28-18-28.

✓ No. 5, an old plugged producer on unorthodox location, located 2370' East of West line and 2370' North of South line of Section 28-18-28.

No. 7, an old plugged well on unorthodox location, located 1316' North of South line and 270' East of West line of Section 28-18-28.

No. 12, an unorthodox location to be drilled 1310' North of South line and 1310' East of West line of Section 28-18-28.

No. 13, an unorthodox location to be drilled 2310' East of West line and 1330' North of South line of Section 28-18-28.

No. 1, a producer on unorthodox location 270' North of South line and 270' East of West line to be converted to an injection well.

No. 16, an unorthodox location to be drilled 330' North of South line and 1310' East of West line of Section 28-18-28.

No. 9, present production well to be converted to injection well located 330' North of South line and 2310' East of West line of Section 28-18-28.

Production wells:

No. 10, located 1980' from the South line and 660' from the West line of Section 28-18-28.

No. 11, located 1980' from the South and West lines of Section 28-18-28.

Plan for Kersey & Company Twin Lakes Waterflood
in Section 28-18-28, Eddy County, New Mexico.

No. 14, located 660' from the South and West lines of Section 28-18-28.

No. 15, located 1980' from the West line and 660' from the South line.

A cooperative line agreement will be made with the adjacent operator, and The Graridge Corporation will furnish the water for flooding.

A capacity allowable is asked for this acreage for when the flood becomes effective it would not be practical to curtail the production.

KERSEY & COMPANY

DRILLING AND OIL PRODUCTION
PHONE SH 6-3671 • P. O. Box 305 • 808 W. GRAND
ARTESIA, NEW MEXICO

MAIN OFFICE 000

July 8, 1959

1959 JUL 9 AM 1:09

Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

We would like for you to schedule a hearing for us concerning the installing of a pilot water flood on our Twin Lakes lease, namely, the SW/4 of Section 28-18-28, Eddy County, New Mexico. The first sand zone in the Grayburg around 2,000' is the horizon that will be flooded.

Involved in the Pilot flood will be the cleaning out and converting to injection wells the following numbered plugged wells which are on unorthodox locations.

No. 8 located 270' east of west line and 2370' from the south line of Section 28-18-28.

No. 4 located 1324' east of west line and 2370' north of south line of Section 28-18-28.

No. 5 located 2370' east of west line and 2370' north of south line of Section 28-18-28.

In this hearing we would also like to obtain permission to add injection wells after the Pilot flood takes effect. Injection wells will be installed in an orderly manner proceeding only as required to back up the sweep of the flood. The injection wells are as follows.

No. 7, an old plugged well on unorthodox location 1324' south of north line and 270' east of west line of Section 28-18-28.

No. 12, an unorthodox location to be drilled 1310' north of south line and 1310' east of west line of Section 28-18-28.

No. 13, an unorthodox location to be drilled 2310' east of west line and 1330' north of south line of Section 28-18-28.

Handwritten:
Kersey & Company
7-23-59
JH

July 8, 1959
Oil Conservation Commission
Santa Fe, New Mexico

No. 1, a producer on unorthodox location 270' north of south line and 270' east of west line to be converted to an injection well.

No. 16, an unorthodox location to be drilled 330' north of south line and 1310' east of west line of Section 28-18-28.

No. 9, present production well to be converted to an injection well located 330' from south line and 2310' east of west line of Section 28-18-28.

In this flood pattern new production wells will be drilled on the following locations.

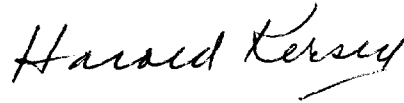
No. 10, located 1980' from the south line and 660' from the west line, No. 11, located 1980' from the south and west lines, No. 14, located 660' from the south and west lines, No. 15, located 1980' from the west line and 660' from the south line.

Graridge Corporation is presently completing injection wells on the north line of this tract.

At this hearing we would like to get an allowable set for the acreage involved.

Yours very truly,

KERSEY & COMPANY



Harold Kersey

HK:cg