

BEFORE THE OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

DEC 21 1960

IN THE MATTER OF THE APPLICATION
OF GENERAL AMERICAN OIL COMPANY OF
TEXAS FOR AN ORDER AMENDING ORDER
NO. R-2324 ENTERED IN CASE NO. 2640
TO PERMIT THE EXPANSION OF THE WATER-
FLOOD IN THE GRAYBURG-JACKSON POOL,
EDDY COUNTY, NEW MEXICO.

Case 4029

APPLICATION

COMES NOW General American Oil Company of Texas by its At-
torney John F. Russell and states:

1. It desires to expand the waterflood project authorized by
Order No. R-2324 entered in Case No. 2640.

Applicant seeks to expand the project in three stages as
follows:

Stage I. The additional wells to be converted to
injection wells are as follows:

- Keely B #6 located in Unit "C" of Sec.25, T.17S., R29E. 1 ✓
- Keely B #10 located in Unit "I" of Sec.26, T.17S.,R29E. 2 ✓
- Keely C #10 located in Unit "E" of Sec.25, T.17S.,R29E. 3 ✓
- Keely C #12 located in Unit "G" of Sec.25, T.17S.,R29E. 4 ✓
- Keely C #20 located in Unit "I" of Sec.25, T.17S.,R29E. 5 ✓
- Keely C #23 located in Unit "M" of Sec.25, T.17S.,R29E. 6 ✓
- State #2 located in Unit "C" of Sec.36, T.17S.,R29E. 7 ✓

Stage II. The additional wells to be converted to injection
wells are as follows:

- Keely B #11 located in Unit "O" of Sec.26, T.17S.,R29E. 8 ✓
- Keely C #16 located in Unit "K" of Sec.26, T.17S.,R29E. 9 ✓

Keely C #21 located in Unit "M" of Sec.26, T.17S., R29E. 10 ✓

The additional wells to be converted to injection wells are as follows:

Stage III.

Burch B #10 located in Unit "C" of Sec.30, T.17S.,R30E. 11 ✓

Burch B #11 located in Unit "E" of Sec.30, T.17S.,R30E. 12 ✓

Keely C #8 located in Unit "A" of Sec.25, T.17S., R29E. 13 ✓

2. The area to be covered by the expanded waterflood project is as follows:

Township 17 South, Range 30 East,

Sec. 19 - SE $\frac{1}{4}$ SW $\frac{1}{4}$, SWSW, SWS E

Sec. 30 - NW $\frac{1}{4}$, NWNE

Township 17 South, Range 29 East,

Sec. 24 - SE $\frac{1}{4}$ SE $\frac{1}{4}$ and SE $\frac{1}{4}$ SW $\frac{1}{4}$, SWS E, SWSW

Sec. 25 - W $\frac{1}{2}$, NE $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$

Sec. 26 - S $\frac{1}{2}$ and SE $\frac{1}{4}$ NE $\frac{1}{4}$

Sec. 36 - NE $\frac{1}{4}$ NW $\frac{1}{4}$ containing ¹⁴⁸⁰~~1280~~ acres, more or less.

3. Attached hereto as Exhibit "1", a plat showing all producing wells within a two mile radius of the proposed injection wells.

4. Attached hereto as Exhibit "2", a schematic drawing showing the manner in which the proposed injection wells will be completed.

5. All well logs which are available will be presented at the time of the hearing.

6. It proposes to expand the existing flood by injection into the Grayburg Zone of the San Andres Formation at depths ranging from from approximately 2950 feet to 3250 feet. The water used will be

purchased from Caprock Water Company.

WHEREFORE Applicant requests that the Commission set this matter down for hearing before its Examiner, publish notices required by law, and after hearing, issue its Order authorizing the expansion of this waterflood as aforesaid.

Respectfully submitted,

GENERAL AMERICAN OIL COMPANY OF TEXAS

By John F. Russell

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Attorney for Applicant