

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF :
INTERNATIONAL OIL & GAS CORPORATION :
FOR A WATERFLOOD PROJECT, HIGH LONESOME : No. 3194
POOL, EDDY COUNTY, NEW MEXICO :
: :
:

APPLICATION

COMES INTERNATIONAL OIL & GAS CORPORATION, by its attorneys
Losee and Stewart, and states:

1. That it is the operator and the sole working interest owner of six producing oil wells located within the High Lonesome Pool, Eddy County, New Mexico, and within the proposed project area covered by this application; said project area is described as follows:

Township 16 South, Range 29 East, N.M.P.M.

Section 15: NE/4 and NW/4 SE/4

containing 200 acres, more or less.

2. That there is attached hereto and by reference made a part hereof, a plat showing the location of the proposed injection wells and the location of all other wells and lessees within a radius of one mile from the proposed injection wells.

3. That the Oil Conservation Commission of New Mexico in Case No. 2776 by its Order No. R-2458 entered on March 27, 1963, authorized the applicant to institute a waterflood project in the High Lonesome Pool by the injection of water through its McCallister Federal Well No. 4, located in the SE/4 SE/4 of said Section 15.

4. That the six wells within the project area covered by this application have reached the advanced or "stripper" state of depletion and applicant proposes to inject water into the producing Penrose section of the Queen formation in sufficient quantities and under sufficient pressure to stimulate the production of oil from the producing wells in the project area.

5. That applicant proposes to inject water at the rate of approximately 300 barrels per well per day into the producing Penrose section of the Queen formation in the following wells located in Section 15, Township 16 South, Range 29 East, N.M.P.M., to wit:

McCallister Federal No. 3 well, located
in the NE/4 NE/4,

McCallister Federal No. 5 well, located
in the NW/4 SE/4,

McCallister Federal No. 6 well, located
in the NW/4 NE/4.

6. There is attached hereto, and by reference made a part hereof, copies of the electric logs on the three proposed injection wells.

7. There is attached hereto, and by reference made a part hereof, a graphic description of the proposed injection well casing program. As to those wells in which applicant proposes to inject water down the casing, applicant agrees to comply with the casing testing provisions of said Order No. R-2458 namely. Applicant shall test the casing in the said proposed injection wells prior to injection and upon notification to the Commission, Artesia office, and if the casing will not withstand 2,000 lbs. pressure psi, injection shall be accomplished through tubing in-

stalled in a packer set above the injection interval.

8. Caprock Water Company will furnish the water for this project from its wells in the East Red Lake area.

9. That applicant will conduct said waterflood project in accordance with the applicable provisions of Rule 701 of the New Mexico Oil Conservation Commission.

10. The approval of this waterflood project will be in the interest of conservation and will prevent waste, and correlative rights will be protected.

11. That a copy of this application and all exhibits attached hereto have been sent to the State Engineer's Office, Attention Mr. Frank Irby, Capital Building, Santa Fe, New Mexico, certified mail, return receipt requested.

WHEREFORE, applicant prays that an order be entered authorizing the applicant to institute the aforesaid waterflood project and for such other relief as may be just in the premises.

INTERNATIONAL OIL & GAS
CORPORATION

By: 
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