

BEFORE THE
OIL CONSERVATION COMMISSION OF NEW MEXICO

IN THE MATTER OF THE APPLICATION
OF ANADARKO PRODUCTION COMPANY
FOR WATER INJECTION SQUARE LAKE
POOL, EDDY COUNTY, NEW MEXICO

A P P L I C A T I O N

COMES NOW ANADARKO PRODUCTION COMPANY and applies to the Oil Conservation Commission of New Mexico for approval of water injection in the Grayburg-San Andres formations, Square Lake Pool, Eddy County, New Mexico, and in support thereof would show the Commission:

1. Applicant is the operator and successor in interest to those certain waterflood projects and waterflood buffer zones heretofore approved by the Commission, as follows:

- a. The Anadarko Square Lake Etz Waterflood project.
- b. The Anadarko Square Lake Grier No. 2 Waterflood project.

Both of which were approved by Commission Order No. R-3677, dated February 13, 1969.

- c. The Kennedy Oil Company Square Lake waterflood project, approved by Commission Order No. R-2920, dated June 8, 1965.
- d. The Cima Capitan, Inc., et al., cooperative waterflood project in the Square Lake Pool, approved by Order No. R-2977, dated October 7, 1965, in which project applicant has succeeded to the interests of Western Oil Fields, Inc., and Cima Capitan, Inc.

2. Applicant proposes to convert its Anadarko Kennedy No. 1 well, formerly the Kennedy Oil Company DOB A Well No. 3,

DOCKET MAILED

Date 6/18/75

located in Unit M of Section 21, Township 16 South, Range 31 East, N.M.P.M., Eddy County, New Mexico. Approval of conversion of this well to injection was granted by Commission Order No. R-2920, entered June 8, 1965, but with a provision that if injection was not commenced within 90 days after any well in the project area has received a positive stimulation from the offsetting water flood, the order would automatically terminate. Applicant is unable to determine if this order is still valid.

3. Applicant proposes to convert its Baxter "A" Federal No. 1 well, located in Unit O of Section 20, Township 16 South, Range 31 East, N.M.P.M., Eddy County, to injection.

4. Applicant further seeks approval of an administrative procedure for the conversion of other producing wells or non-producing wells to injection, and from injection to production, without the requirement that such well shall have had a response to water injection.

5. Attached hereto is a plat showing the waterflood projects operated by applicant, showing existing injection wells, both on applicant's properties and offsetting applicant.

6. Applicant proposes to combine all of its developed acreage in Sections 19, 20, 21, 30 and 31, Township 16 South, Range 31 East, N.M.P.M., into one single project for convenience of operating, reporting and control of the waterflood projects.

WHEREFORE, applicant prays that this application be set for hearing before the Commission or the Commission's duly appointed examiner, and that after notice and hearing as required by law the Commission enter its order consolidating the waterflood projects into one project, and approve water injection and an administrative procedure for further operation of the projects, as proposed.

Respectfully submitted,

ANADARKO PRODUCTION COMPANY

BY

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