

File 2377

BEFORE THE OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION
OF N. R. WILLIAMSON FOR APPROVAL
OF A WATER FLOOD PROJECT IN THE
SEVEN LAKES POOL, MCKINLEY COUNTY,
NEW MEXICO.

A P P L I C A T I O N

Comes now N. R. Williamson and applies to the Commission for approval of the injection of water in the Mesaverde formation, Seven Lakes Pool, Section 18 and 19, Township 18 North, Range 10 West, N.M.P.M., and for adoption of procedures for administration approval of extensions of the proposed water flood project and in support thereof would show:

1. That there is attached hereto, marked Exhibit A, and made a part hereof, a plat showing location of proposed injection wells and location of wells within a radius of two miles from said injection wells which said wells are producing from the Mesaverde formation. Said plat also indicates ownership of lands within the two-mile radius.
2. No log is available of the proposed injection wells since they have not been drilled.
3. Attached hereto, marked Exhibit B, and made a part hereof, is a description of the proposed wells' casing program.
4. It is proposed that water will be injected in the Mesaverde formation and what has been designated as zone "B" shown on the attached Exhibit B after casing has been set at a depth of approximately 337 feet as is more fully shown on Exhibit B. Water will be injected at the rate of approximately 500 barrels per day providing that the reservoir will take this

amount of fluid at a maximum pressure of 275 pounds.

(a) It is proposed to secure fresh water for injection purposes from a well located on the NW/4 NW/4 Section 20, Township 18 North, Range 10 West.

(b) It is proposed to, at a later date, inject water into the zone designated "A" on Exhibit B.

(c) In the event the water flood project proves successful, it is proposed to expand said project from time to time as further engineering practices and experience may indicate.

WHEREFORE, applicant prays that this matter be set for hearing before the Oil Conservation Commission or its duly appointed examiner; and that after notice and hearing, said project be approved and that in granting said approval, the Commission adopt procedures whereby administrative approval for the expansion of said project may be obtained without notice and hearing.

Respectfully submitted,

N. R. WILLIAMSON

By Jason W. Kellahi
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ATTORNEYS FOR APPLICANT