

Case 1974

LAW OFFICES
HERVEY, DOW & HINKLE
HINKLE BUILDING
ROSWELL, NEW MEXICO

J. M. HERVEY 1874-1953
HIRAM M. DOW
CLARENCE E. HINKLE
W. E. BONDURANT, JR.
GEORGE H. HUNKER, JR.
HOWARD C. BRATTON
S. B. CHRISTY, IV
LEWIS C. COX, JR.
PAUL W. EATON, JR.
ROBERT C. BLEDSOE

TELEPHONE MAIN 2-6510
POST OFFICE Box 547

May 11, 1960

Re: In the Matter of the Application
of C. T. Robertson for Authority
to Institute a Waterflood Project
in the Coyote Queen Pool, Chaves
County, New Mexico, and for
Expansion Thereof by Administra-
tive Procedure

TO: Oil Conservation Commission
State of New Mexico
Santa Fe, New Mexico

Comes now the Applicant, C. T. Robertson, and requests authority to institute a waterflood project in the Coyote Queen Pool in Chaves County, New Mexico, and for expansion thereof by administrative procedure and in support thereof shows:

1. There is attached hereto a plat showing the location of the proposed injection wells, circled in red, and the location of all other wells within a radius of two miles of said proposed injection wells, and the formation from which said wells are producing. Said plat also indicates the lessees within said two-mile radius.

2. All available logs of the proposed injection wells are filed herewith. Said logs are of the Honolulu State "B" No. 3, Honolulu State No. 1, Honolulu State No. 4, and Honolulu State No. 3. It is anticipated that additional logs may be available prior to hearing on this application, and the same will be submitted as soon as available.

3. The casing program of the proposed injection wells is with 4½ inch casing set through the Queen formation and perforated, with the casing cemented to the surface. The proposed method for testing casing before use as injection wells will be in conformity with the established rules of the Commission.

4. The zone into which injection will be made is the Queen Sand formation which in the wells into which injection will be made is perforated from 947 through 1053 feet in various wells.

5. Water will be injected at an approximate rate of 90 barrels per day per injection well. The source of the injection fluid is fresh water from the Yates formation at an approximate depth of 150 feet in Section 10, T. 11 S., R. 27 E., N.M.P.M. However, if the fresh water injection program does not work satisfactorily, it would be anticipated that salt water from the Devonian formation at approximately 6700 feet in Section 13, T. 11 S., R. 27 E., N.M.P.M. would be utilized.

6. Applicant requests that an allowable be assigned to the waterflood project in accordance with applicable rules and regulations. It is further requested that an order be entered authorizing expansion of the waterflood project sought herein by administrative procedure in accordance with applicable rules and regulations. The outline of the proposed total project is shown on the Exhibit attached hereto.

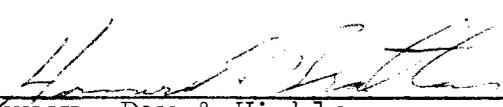
7. Applicant has made compliance with the Commission's Memorandum No. 5-58 dated January 31, 1958.

WHEREFORE, Applicant respectfully requests that this Application be set before an Examiner hearing and that upon such hearing, the Commission enter an Order authorizing Applicant to institute a waterflood project in the manner set forth hereinabove, and that authority be granted to expand such flood by administrative procedure in accordance with the rules of the Oil Conservation Commission, and for such other order as may be appropriate in the premises.

Respectfully submitted,

C. T. ROBERTSON

By


Hervey, Dow & Hinkle
Box 547
Roswell, New Mexico

Attorneys for Applicant

5-11-60
Robertson
Hervey, Dow & Hinkle