

DEPCO, Inc.

Exploration & Production



800 Central
ODESSA, TEXAS 79760

November 16, 1973

New Mexico Oil Conservation Commission
P.O. Box 871
Santa Fe, New Mexico

Subject: Application for Injection of Water
Project: Proposed Northwest Artesia Unit
Waterflood
Field: Artesia
County: Eddy

Gentlemen:

2 WF projects

DEPCO, Inc. requests a hearing to approve injection of water into the Queen and Grayburg pay for the purpose of waterflood operations in the proposed Northwest Artesia Unit. This project area is shown by the plat, Exhibit 1, and is located in Sections 29, 31, and 32, of T-17-S and Section 6 of T-18-S of R-28-E, Eddy County, New Mexico.

6 wells

1 well

This application also requests approval to permit present producing wells to be converted to injection wells. These wells include DEPCO, Inc. State 647 Wells No. 179, 195, 206, 208, 212, and 219 plus Kersey and Company Ramapo "A" Well No. 2. Exhibit 2 contains logs or portions of logs over the zones of interest for these DEPCO, Inc. proposed injection wells. No log was run on the Kersey and Company well. Also, diagrammatic sketches for all these wells are presented in Exhibit 3.

Injection will be into the Grayburg pay at an approximate depth of 1900'. Approximately 500 BWPD will be injected into each of the proposed injectors. Water for this project will be purchased from one of the water companies which have distribution facilities in the vicinity.

Very truly yours,

Welton C. Smith
District Engineer

WCS/vp

cc: NMOCC - Artesia

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Date 1-18-74