

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF
H & S OIL COMPANY, UNIT OPERATOR, FOR
A WATERFLOOD PROJECT, WEST ARTESIA
POOL, EDDY COUNTY, NEW MEXICO

NO. 3699

APPLICATION

FILED IN DE 000

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COMES H & S OIL COMPANY, a partnership composed of
Rupert L. Heinsch and Herbert R. Spencer, by its attorney,
A. J. Losee, and states:

1. Pursuant to the terms of the West Artesia Grayburg Unit Agreement and Unit Operating Agreement, the Applicant is designated as Operator of the Grayburg formation underlying the following lands in Eddy County, New Mexico, comprising the project area covered by this Application, to-wit:

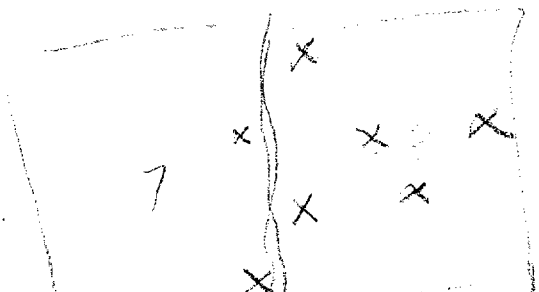
Township 18 South, Range 28 East, N.M.P.M.,

Section 7: SE/4 NE/4, E/2 SE/4
Section 8: S/2 NE/4, NW/4, N/2 SW/4,
SW/4 SW/4, N/2 SE/4
Section 17: N/2 NW/4

containing 640 acres, more or less.

2. 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 adjoining the proposed project area.

3. The Applicant proposes to inject water into the producing intervals of the Grayburg formation in the following wells located within the project area, to-wit:



Tenneco State E-2715, No. 1 Well located in the NW/4 NW/4 Section 8;

Kincaid & Watson Signal State OG-5851, No. 1 Well located in the SE/4 NE/4 Section 8;

Roach & Shepard Humble State B-11539, Well No. 1 located in the SE/4 NW/4 Section 8;

J. E. Beddingfield Spurk B-6043, Well No. 1 located in the SE/4 NE/4 Section 7;

Roach & Shepard Signal State E-7179, Well No. 1 located in the NW/4 SW/4 Section 8;

H & S Oil Company Wilson State E-7255, Well No. 1 located in the NW/4 SE/4 Section 8;

Cities Service Oil Company Mell Fee, Well No. 2 located in the SE/4 SE/4 Section 7;

Roach Drilling Company Leonard Fee, Well No. 1 located in the NW/4 NW/4 Section 17.

4. That all of the wells in the project area have reached the advanced or "stripper" state of depletion and Applicant proposes to inject water into the producing intervals of the Grayburg formation at the rate of approximately 250 barrels of water per well, per day, under a pressure of approximately ⁸⁰⁰~~1200~~ p.s.i. to stimulate the production of oil from the producing wells in the project area.

5. There is attached hereto and by reference made a part hereof electric logs on all of the proposed injection wells within the project area except for the Cities Service Oil Company Mell Fee Well No. 2 upon which no electric log is available.

6. There is attached hereto and by reference made a part hereof a diagrammatic sketch of all of the eight proposed injection wells.

7. It is proposed that Yucca Water Company will furnish the water for this project, or Applicant will secure water

from some other commercial source.

8. That Applicant proposes to conduct said waterflood project under the allowable provisions of Rule 701 of the New Mexico Oil Conservation Commission.

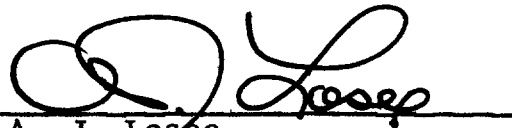
9. The approval of this waterflood project will be in the interest of conservation and will prevent waste and protect correlative rights.

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

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

H & S OIL COMPANY

By

A handwritten signature in dark ink, appearing to read 'A. J. Losee', is written over a horizontal line.

A. J. Losee
P. O. Drawer 239
Artesia, New Mexico