

BEFORE THE
OIL CONSERVATION COMMISSION
OF NEW MEXICO

IN THE MATTER OF THE APPLICATION
OF WILLIAM A. AND EDWARD R. HUDSON
FOR APPROVAL OF A WATER FLOOD PROJECT,
EDDY COUNTY, NEW MEXICO

Yea 3333

A P P L I C A T I O N

Come now William A. and Edward R. Hudson and apply to the Oil Conservation Commission of New Mexico for approval of a water flood project on their Shugart "A" and "B" leases in the Shugart Yates-Seven Rivers-Queen-Grayburg Pool, Eddy County, New Mexico, and in support thereof would show:

1. Applicant proposes to convert the following producing wells to water injection wells:

WELL	LOCATION
Shugart "A" #2	NE/SW Sec. 10-18S-31E
Shugart "A" #3	SW/NE Sec. 10-18S-31E
Shugart "A" #5	SW/SW Sec. 10-18S-31E
Shugart "B" #1	SW/SW Sec. 11-18S-31E
Shugart "B" #2	NE/NE Sec. 15-18S-31E
Shugart "B" #6	SW/NE Sec. 15-18S-31E

2. Applicant proposes initially to inject water into the Red Sand (Queen) formation by injection down 2 3/8" internally coated tubing, below a packer. Packer will be set just above the Red Sand, found at a depth of approximately 3300'.

3. Water source will be by purchase from Double Eagle Water Company from their system, which is predominately Ogallala water.

4. Applicant proposes to inject, after fill up, approximately 200 barrels of water per well per day.

5. There is attached hereto and made a part hereof, a plat showing applicant's Shugart "A" and "B" leases, offsetting leases and offsetting wells, and proposed injection wells, circled in red.

6. There is attached hereto and made a part hereof a diagrammatic sketch showing the proposed injection well completion, together with information on the proposed injection wells, showing casing and cementing program, formation tops, and location of perforations.

7. The proposed water flood project is in the interests of conservation, will result in the recovery of oil that would not otherwise be recovered, and will result in the prevention of waste. The correlative rights of applicant and offset owners will be protected.

8. In accordance with the rules of the Commission, a copy of this application has been filed with the office of the State Engineer.

WHEREFORE applicant prays that this application be set for hearing before the Commission's duly appointed examiner, and that after notice and hearing the Commission enter its order approving the application.

Respectfully submitted,

WILLIAM A. and EDWARD R. HUDSON

By

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