

BEFORE THE OIL CONSERVATION COMMISSION OF NEW MEXICO

APPLICATION OF WILLIAM A. & EDWARD R. HUDSON FOR APPROVAL OF THE DRILLING OF THREE UNORTHODOX WELL LOCATIONS FOR WATER INJECTION WELLS AND FOR THE APPROVAL OF WATER INJECTION INTO THE PUCKETT "A" No. 26, No. 27 and No. 28 WELLS, ALL IN THE WILLIAM A. AND EDWARD R. HUDSON WATER FLOOD PROJECT, MALJAMAR POOL, GRAYBURG-SAN ANDRES FORMATION, LEA AND EDDY COUNTIES, NEW MEXICO.

File 3136

A P P L I C A T I O N

Come now William A. & Edward R. Hudson and apply to the Oil Conservation Commission of New Mexico for the following:

1. Approval of unorthodox well locations for the following wells, to be located not more than 100 feet and not closer than 25 feet to the following described corners of the following described units as injection wells:

Section 24, Township 17 South, Range 31 East, N.M.P.M.

Unit H - Northeast Corner

Unit P - Northeast Corner

Unit M - Northeast Corner

2. Approval of water injection to utilize the following wells, the location of which was heretofore approved by the Commission by its Order No. R-1693:

Puckett "A" No. 26 - 1295 feet from the North and 1295 feet from the West lines of Section 24, T. 17 S., R. 31 E.

Puckett "A" No. 27 - 2615 feet from the South and 1345 feet from the West lines of Section 24, T. 17 S., R 31 E.

Puckett "A" No. 28 - 25 feet from the North and 1345 feet from the West lines of Section 24, T. 17 S., R 31 E.

There is attached hereto and made a part hereof a plat showing the proposed unorthodox well locations proposed, location of the Puckett "A" No. 26, No. 27 and No. 28 wells. Also

attached hereto and made a part hereof is a diagrammatic sketch of a typical injection well completion, to be utilized in the event of approval of this application.

By copy of this application, notice has been given to the Office of the State Engineer, as required by the rules of the Commission.

Water injection will be made into the Grayburg-San Andres Formations at depths of approximately 3,600 feet to 4,000 feet. Source of water is the Ogallala Formation, the water supplier being the Caprock Water Company. Estimated volume of water to be injected will vary between 200 barrels and 800 barrels of water per day.

Approval of this application is in the interests of conservation, will permit the recovery of a maximum amount of oil, and is essential for the protection of correlative rights of the applicant and will not impair the correlative rights of offset operators.

WHEREFORE, applicant prays that this matter be set for hearing and that after notice and hearing as required by law, the Commission issue its order approving the application of William A. and Edward R. Hudson as applied for.

Respectfully submitted,

WILLIAM A. & EDWARD R. HUDSON

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ATTORNEYS FOR APPLICANTS