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BEFORE THE OIL CONSERVATION COMMISSION  
OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF  
HUDSON & HUDSON FOR APPROVAL OF A  
SECONDARY RECOVERY PROJECT BY WATER  
INJECTION IN THE MALJAMAR OIL POOL,  
EDDY COUNTY, NEW MEXICO

2536

A P P L I C A T I O N

Come now William A. Hudson and Edward R. Hudson, ~~doing~~  
~~business as Hudson & Hudson~~, and apply to the Oil Conservation  
Commission of New Mexico for approval of a secondary recovery  
project by water injection in the Maljamar Oil Pool, Eddy  
County, New Mexico, and in support thereof would show the  
Commission:

1. Applicant proposes to conduct water flood operations  
on their Puckett "A" and "B" leases in Section 24, Township 14  
South, Range 31, East, N.M.P.M., Eddy County, New Mexico.

2. Applicant proposes to inject water in six input wells  
in the pilot stage of the project, said wells being as follows:

- Puckett "A" No. 19 - Unit G, Section 24, T. 17 S., R. 31 E.
- Puckett "A" No. 20 - Unit F, Section 24, T. 17 S., R. 31 E.
- Puckett "A" No. 21 - Unit B, Section 24, T. 17 S., R. 31 E.
- Puckett "A" No. 22 - Unit I, Section 24, T. 17 S., R. 31 E.
- Puckett <sup>B</sup>"A" No. 21 - Unit O, Section 24, T. 17 S., R. 31 E.
- Puckett "A" No. 23 - Unit J, Section 24, T. 17 S., R. 31 E.

all of which wells have heretofore been drilled with the exception  
of the Puckett "B" No. 21, which is presently being drilled, and  
the Puckett "A: No. 23, which is yet to be drilled.

3. Injection of water will be in the Grayburg-San Andres formations at approximately depths of from 3,600 to 4,000 feet.

4. It is anticipated that approximately 600 barrels of water per day will be injected into each input well until fill-up. Source of water has not been finally determined, but the applicant has water leases and water appropriations which can be used. Final plans for determining source of water will be completed prior to the hearing of this application.

There are attached hereto and made a part hereof, the following:

- A. Map of the general area showing outline of the proposed project and proposed water input wells.
- B. Diagram of the casing programs of the input wells.
- C. Logs of the input wells, insofar as available.

WHEREFORE, applicant prays that this matter be heard by the Oil Conservation Commission of New Mexico or its duly appointed examiner, and that after notice and hearing as required by law, the Commission enter its order approving the secondary recovery program by water injection, as proposed, together with provision for the assignment of allowables, and for future expansion of the project, all as provided by Rule 701 of the Commission's Rules and Regulations.

Respectfully submitted,

~~HUDSON S. HUDSON~~

By Jason W. Kellahin  
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ATTORNEYS FOR APPLICANT