

GRARIDGE CORPORATION

Producers of Oil and Gas

BRECKENRIDGE, TEXAS

December 6, 1956

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Oil Conservation Commission
Capitol Building
Santa Fe, New Mexico

Attention: Mr. A. L. Porter

Gentlemen:

The Graridge Corporation, Gulf Oil Corporation and Great Western Drilling Company request a hearing be scheduled before the Commission or an examiner to obtain Commission approval to install a pilot water flood in the Queen Sand formation in the Caprock Field of Lea and Chaves Counties, New Mexico.

Following is the complete information requested according to Section "I", Rule 701 of the Conservation Commission Rules and Regulations.

- I. Field plat, showing all wells in the area, together with a copy of the cooperative pilot flood plans of Graridge, Gulf and Great Western, are attached.
- II. Production of the area is obtained from the "Red Sand" interval of the Queen formation.
- III. Proposed water injection will be as shown on the plat, into the "Red Sand" or "Artesia Sand" interval of the Queen formation.
- IV. A copy of the log of a well in the vicinity of the proposed pilot flood is attached.
- V. All proposed intake wells are presently equipped with 5½" or 7" casing set at approximately 3,000 feet. All intake wells will be re-worked in the following manner: A liner will be set and cemented one foot into the top of the sand to be flooded. A packer, run on 2" tubing, will then be set near the bottom of the liner and injection will be down the tubing.
- VI. Fresh water is to be used for injection purposes. The water is to be produced from two presently completed wells in Section 31, T12S, R32E, from a sand and gravel interval at 340-350 feet depth. Approval for the use of this water for the pilot flood operation is being obtained through the State Engineer's Office.

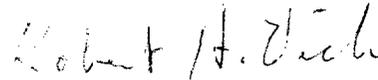
*Edward W. Graridge - President
Elmer H. ...*

December 6, 1956

VII. The operator of the proposed project will be the Graridge Corporation, Box 752, Breckenridge, Texas, Attention: Mr. O. H. Reaugh.

Yours truly,

GRARIDGE CORPORATION



Robert H. Vick
Engineer

rhv/jbm
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