

RICE *Engineering & Operating, Inc.*

Post Office Box 1142

Telephone EXpress 1-9174

HOBBS, NEW MEXICO

December 14, 1959

New Mexico Oil Conservation Commission
P.O. Box 871
Santa Fe, New Mexico

Gentlemen:

Re: Rule 701 - Permit for Injection of Water
(Salt Water Disposal)

Rice Engineering & Operating, Inc. of Hobbs, New Mexico, hereby applies for a hearing to be held before the New Mexico Oil Conservation Commission for the purpose of securing a permit under Rule 701 to recompleate the Lowe Oberholtzer No. 2 Well as a salt water disposal well. The subject well is located on the Lowe Oberholtzer Lease in Section 8, Township 12 South, Range 38 East, Gladiola Pool, Lea County, New Mexico. The proposed disposal well will be known as Rice Engineering & Operating, Inc., Gladiola SWD Well G-8.

Rice Engineering & Operating, Inc. further deposes and states the following:

- A. That said well is located 1980 feet from the North line and 1980 feet from the East line of Section 8, Township 12 South, Range 38 East, N.M.P.M. (See Exhibit A)
- B. That said well was drilled and completed as a dry hole January 26, 1958 in the Gladiola Devonian Pool by Ralph Lowe.
- C. That said well was plugged back to 9593 feet and recompleated through perforations from 9498 feet to 9508 feet on February 11, 1958 with an Initial Pumping Potential of 160 Barrels of Oil and 125 Barrels of Salt Water per day.
- D. That said well was temporarily abandoned by Ralph Lowe June 21, 1958.

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- E. That said well by agreement between Rice Engineering & Operating, Inc. and Ralph Lowe shall be utilized by the Gladiola Salt Water Disposal System as a disposal well.
- F. That said well has 13-3/8 inch OD casing set at 365 feet, 8-5/8 inch OD casing set at 4480 feet, and 5-1/2 inch OD casing set at 12,034 feet. (See Exhibit "B").
- G. That said well will be completed as a disposal well in the lower Devonian by (1) squeeze cementing present casing perforations; (2) drilling to new total depth of 12,500 feet; (3) setting 4-1/2 inch OD liner at 12,223 feet; (4) disposing in the open hole interval from 12,223 to 12,500 feet.
- H. That the salt water to be injected is produced from the Gladiola Devonian and Wolfcamp pools.
- I. That the volume of salt water to be disposed shall be approximately 15,000 barrels per day.

Therefore, Rice Engineering & Operating, Inc. requests that the Secretary of the New Mexico Oil Conservation Commission set a date for this application to be heard, and after said hearing to grant this permit to dispose of salt water in the Lowe Oberholtzer No. 2 Well.

Respectfully submitted,

RICE ENGINEERING & OPERATING, INC.

by W. G. Abbott
W. G. Abbott
Division Manager

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Attachments:

- Exhibit "A"
- Exhibit "B"