

*Case 2172*

RICE *Engineering & Operating, Inc.*

Post Office Box 1142

Telephone EXpress 3-9174

HOBBS, NEW MEXICO

January 5, 1961

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

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

Gentlemen:

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 abandoned Gulf Houston No. 1 well as a salt water disposal well. The subject plugged and abandoned well is located in the NW/4 SE/4 of Section 19, Township 12 South, Range 38 East, Gladiola Pool, Lea County, New Mexico. The proposed disposal well will be known as the Rice Engineering & Operating, Inc., Gladiola SWD Well J-19.

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

- A. That said well is located 1980 feet from the South and East lines of Section 19, Township 12 South, Range 38 East, N.M.P.M. (See Exhibit A).
- B. That said well was drilled, plugged and abandoned as a dry hole on March 6, 1956, by Gulf Oil Corporation, being non-productive in any zone.
- C. That said well has 13-3/8" O.D. casing set at 376 feet, 8-5/8" O.D. casing set at 4499 feet, and 7-7/8" open hole to total depth of 12,065 feet. (See Exhibit "B").

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N.M.O.C.C.  
Santa Fe, New Mexico  
January 5, 1961  
Page 2

- D. That said well will be completed as a disposal well in the lower Devonian by (1) drilling to a new total depth of 12,500 feet; (2) setting a tapered string of 4500 feet of 7" O.D. casing and 7700 feet of 6-5/8" O.D. casing; (3) disposing of produced brine in the open hole interval from 12,200 to 12,500 feet.
- E. That the salt water to be injected is produced from the Gladiola Devonian and Wolfcamp Pools.
- F. 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 Gulf Houston No. 1 well.

Respectfully submitted,

RICE ENGINEERING & OPERATING, INC.

By: W.G. Abbott  
W.G. Abbott  
Division Manager

DGS/ai  
Attachments: Exhibit "A"  
Exhibit "B"