RICE *Engineering & Operating, Inc.*

Post Office Box 1142 Telephone EXpress 3-9174

HOBBS, NEW MEXICO

August 19, 1960

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

Dear Sir:

Re: Gladiola Salt Water Disposal System - Casing Caliper Survey

Attached are the two casing caliper surveys run by Dia-Log on our SWD F-7 in the Gladiola Pool. Also attached is a report submitted to us from Dia-Log. The first survey was run November 7, 1959, and the second survey performed August 12, 1960. Between these dates over 1 million barrels of water have been disposed in this well by gravity.

To summarize these surveys, the following is a list of the joints classified according to remaining wall thickness for the two surveys:

Wall Gauges	Nov.7'59	Aug.12'60
More than 7/32" remaining wall	137 jts.	61 jts.
Less than 7/32" but more than 3/16" remaining wall	155 jts.	116 jts.
Less than 3/16" but more than 1/8" remaining wall	None	108 jts.
Less than 1/8" remaining wall	not run	7 jts.
	292 jts.	292 jts.

Because of the corrosion present, we are recommending to the Gladiola SWD System Committee that tubing be run in the SWD F-7, SWD G-8, and the proposed SWD H-5 (Case No. 2048 held August 10, 1960).

Because of the monies involved - over $24,000 per well - it is necessary to secure Committee approval and then purchase the plastic coated tubing and install same. It was previously

discussed with the Committee that since surface corrosion was evidenced in the Gladiola Pool, future tubing installation would be probable; and immediate approval of our recommendations is expected.

In order that the wells can handle the 24,000 barrels of water per day presently produced into the salt water disposal system, the SWD H-5 is needed immediately so that this well can be utilized for disposal when SWD F-7 and SWD G-8 are tubed. At the present time the combined capacity of the two disposal wells is 1000 barrels per hour. When these wells are tubed, the capacity will be approximately halved.

Therefore, we request that the New Mexico Oil Conservation Commission approve the order in Case 2048 for disposal in the SWD H-5.

Respectfully submitted,

RICE ENGINEERING & OPERATING, INC.

W. G. Abbott

W. G. Abbott
Division Manager

WGA/ai
Attachments

Case 2098

RICE *Engineering & Operating, Inc.*

Post Office Box 1142 Telephone EXpress 3-9174

HOBBS, NEW MEXICO

July 7, 1960

Mr. A. L. Porter
P. O. Box 871
Santa Fe, New Mexico

Dear Pete:

Since the New Mexico Oil & Gas Association subcommittee of which I am a member is meeting August 16th in Santa Fe, I would prefer that this application for the Gladiola Pool Sinclair Kendrick Estate No. 3 SWD Well (attached) be placed on the regular hearing docket for August 17th.

I enjoyed visiting with you yesterday and hope to see you again in August.

Sincerely,

Bill

W. G. Abbott
Rice Engineering & Operating, Inc.

WGA/ai
Attachment

Docket Mailed
Jul 26, 1960
gr

RICE *Engineering & Operating, Inc.*

Post Office Box 1142 Telephone EXpress 3-9174

HOBBS, NEW MEXICO

Case 2048

July 6, 1960

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 recomplete the Sinclair Kendrick Estate No. 3 Well as a salt water disposal well. The subject well is located on the Sinclair Kendrick Estate Lease in Section 5, 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 H-5.

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

A. That said well is located 1980 feet from the North line and 660 feet from the East line of Section 5, Township 12 South, Range 38 East, N.M.P.M. (See Exhibit A).

B. That said well was drilled and completed as a marginal producer October 9, 1957 by Sinclair Oil & Gas Company and is now temporarily abandoned.

C. That said well by agreement between Rice Engineering & Operating, Inc., and Sinclair Oil & Gas Company shall be utilized by the Gladiola Salt Water Disposal System as a disposal well.

D. That said well has 13-3/8" OD casing set at 303 feet, 8-5/8" OD casing set at 4512 feet, and 5-1/2" OD casing set at 12,014 feet. (See Exhibit "B").

E. 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 4-1/2" OD liner at 12,223 feet; (3) disposing in the open hole interval from 12,223 to 12,500 feet.

F. That the salt water to be injected is produced from the Gladiola Devonian and Wolfcamp Pools.

G. 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 Sinclair Oil & Gas Company Kendrick Estate No. 3 Well.

Respectfully submitted,

RICE ENGINEERING & OPERATING, INC.

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

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