

Tenneco Oil
A Tenneco Company

Suite 1200
Lincoln Tower Building
Denver, Colorado 80203
(303) 292-9920
January 7, 1976



Director
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

✓ New Mexico Oil Conservation Commission
Hobbs District Office
P. O. Box 1980
Hobbs, New Mexico 88240

RE: Request for Administrative Approval to
Convert Well Nos. 1, 3 and 4 to Injection
Lusk Seven Rivers Unit
Section 3, T19S, R32E
Lea County, New Mexico

Gentlemen:

Tenneco Oil Company, as operator of the Lusk Seven Rivers Unit waterflood project which was created by Commission Order No. R-4222, respectfully requests administrative approval to convert the Lusk Seven Rivers Unit Well Nos. 1, 3 and 4 from producing oil wells to injectors. It is believed that injection into these wells will allow more efficient flooding of the reservoir to occur.

Anticipated initial injection into the Seven Rivers pay zone of Well Nos. 1, 3 and 4 will be at a combined rate of 125 BWPD. Injected water will be a combination of produced water and makeup water purchased from the City of Carlsbad.

Furthermore, the Lusk Seven Rivers Unit Well No. 7 will be drilled at a location in the SW/4 NW/4 of Section 3 and completed as a producer. This well will exploit a portion of the reservoir which would not have been swept with water and, in combination with the conversion of Well Nos. 1, 3 and 4, will significantly increase the Unit's reserves.

Pursuant to the rules and regulations of the State of New Mexico, a plat is enclosed with this Application which indicates lease ownership and all other wells within a radius of two (2) miles of the Lusk Seven Rivers Unit's boundaries, and the locations of Well Nos. 1, 3, 4 and 7. Also enclosed is a diagrammatic sketch of Well Nos. 1, 3 and 4 and a portion of the well log over the Seven Rivers interval from each well.

All operators offsetting the proposed injection wells are being furnished with a copy of this Application.

Yours very truly,

TENNECO OIL COMPANY

A handwritten signature in cursive script that reads "D. D. Myers".

D. D. Myers
Division Production Manager

SJR/vmm
attachments

cc: J. L. McClellan