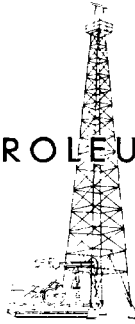


TAMARACK PETROLEUM COMPANY, INC.



910 BLDG. OF THE SOUTHWEST
MIDLAND, TEXAS 79701

March 8, 1973

TELEPHONE: 683-5474

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico 87501

Re: Tamarack Petroleum Company, Inc.
South Pearl Queen Unit No. 1
Pearl Queen Field
Lea County, New Mexico

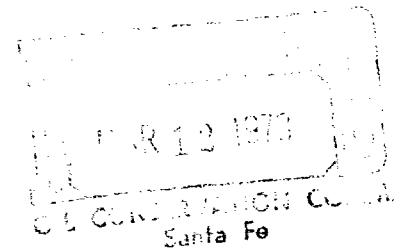
Gentlemen:

Please consider this our application to convert our S.P.Q.U. Well No. 1 from a producing well to a water injection well. This well is currently producing 2 BOPD and 4 BWPD.

The well will be recompleted as a dual injection well. Water will be injected into the first Queen Sand separately and in the third and fourth Queen Sands together as shown on the attached diagrammatic sketch.

Injection will be through plastic coated tubing at an estimated pressure of 2,000 psi. We propose to inject 200 barrels per day of a mixture of Ogallala and produced water into each zone. The annulus between the casing and tubing will be filled with water and a pressure gauge installed.

Since Shell Oil Company has discontinued injection to the north of this well, no additional reserves will be recovered from the well, and it is believed that injection in S.P.Q.U. No. 1 is needed to improve sweep efficiency and increase reserves recoverable from S.P.Q.U. No. 2.



New Mexico Oil Conservation Commission
South Pearl Queen Unit No. 1
March 8, 1973
Page 2

Attached are a diagrammatic sketch of the proposed installation, a plat of the Unit Area and a copy of the well log. A waiver signed by Shell Oil Company is also attached.

Very truly yours,

Albert G. Metcalfe

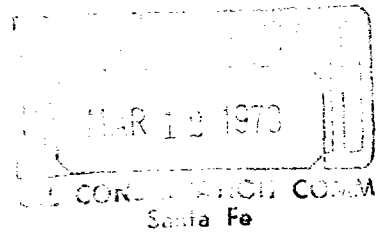
AGM:wat

ATTACHMENTS

cc: New Mexico Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico 88240

Shell Oil Company
P. O. Box 1509
Midland, Texas 79701

Attention: Mr. J. L. Mahaffey
Division Production Manager



March 8, 1973

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico 87501

Gentlemen:

This is to advise that Shell Oil Company has no objection to the conversion to injection of the Tamarack - S.P.Q.U. No. 1 as requested in their letter of March 8, 1973.

Sincerely,

SHELL OIL COMPANY

By *D. S. Artus*

Tamarack Petroleum Company, Inc.
 South Pearl Queen Unit Well No. 1
 Proposed installation to convert to Dual Injection Well

