

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

50 YEARS



1935 - 1985

TONEY ANAYA
GOVERNOR

NOV 21 1985

REGULATORY
SOUTHWEST DIVISION

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SANTA FE, NEW MEXICO 87501
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APPLICATION OF UNION TEXAS PETROLEUM
CORPORATION TO EXPAND ITS WATERFLOOD
PROJECT IN THE LANGLEIE MATTIX POOL IN
LEA COUNTY, NEW MEXICO.

WELL FILE

ORDER No. WFX-552

ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION

Under the provisions of Order No. R-4051, Union Texas Petroleum Corporation has made application to the Division on October 4, 1985, for permission to expand its Langlie Jal Unit Waterflood Project in the Langlie Mattix Pool in Lea County, New Mexico.

NOW, on this 4th day of November, 1985, the Division Director finds:

1. That application has been filed in due form.
2. That satisfactory information has been provided that all offset operators have been duly notified of the application.
3. That no objection has been received within the waiting period as prescribed by Rule 701B.
4. That the proposed injection well is eligible for conversion to water injection under the terms of Rule 701.
5. That the proposed expansion of the above referenced waterflood project will not cause waste nor impair correlative rights.
6. That the application should be approved.

IT IS THEREFORE ORDERED:

That the applicant, Union Texas Petroleum Corporation, be and the same is hereby authorized to inject water into the Seven Rivers-Queen formations through plastic-lined tubing set in a packer at approximately 100 feet above the uppermost injection interval in the following described wells for purposes of waterflood to wit:

STATE OF NEW MEXICO

<u>WELL AND LOCATION</u>	<u>MAXIMUM INJECTION PRESSURE</u>
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Langlie-Jal Unit No. 46
Unit G, Sec. 5, T-25-S, R-37-E,
Lea County, New Mexico

650 Psig.

Langlie-Jal Unit No. 72
Unit C, Sec. 8, T-25-S, R-37-E,
Lea County, New Mexico

670 Psig.

Langlie-Jal Unit No. 64
Unit O, Sec. 5, T-25-S, R-37-E,
Lea County, New Mexico

670 Psig.

Langlie-Jal Unit No. 60
Unit I, Sec. 5, T-25-S, R-37-E,
Lea County, New Mexico

685 Psig.

IT IS FURTHER ORDERED:

That the operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

That the casing-tubing annulus (in each well) shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing, or packer.

That the injection well or system shall be equipped with a pressure limiting device which will limit the wellhead pressure on the injection well to no more than .2 psi/ft. depth.

That the Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the Seven Rivers-Queen formation. That such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

That the operator shall notify the supervisor of the Division's Hobbs District Office before injection is commenced through said wells.

That the operator shall immediately notify the Supervisor of the Division's Hobbs District Office of the failure of the tubing, casing, or packer in said wells or the leakage of water

from or around said wells and shall take such steps as may be timely or necessary to correct such failure or leakage.

That the subject wells shall be governed by all provisions of Division Order No. R-4051 and Rules 702, 703, 704, 705, and 706 not inconsistent herewith.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



R. L. STAMETS,
Director

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