



STATE OF NEW MEXICO  
**ENERGY AND MINERALS DEPARTMENT**  
OIL CONSERVATION DIVISION

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December 1, 1983

APPLICATION OF CONOCO INC.  
TO EXPAND ITS (WATERFLOOD) PROJECT  
IN THE LANGLIE MATTIX POOL IN  
LEA COUNTY, NEW MEXICO

ORDER No. 521

ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION DIVISION

Under the provisions of Order No. R-4417, Conoco Inc. has made application to the Division on August 29, 1983 for permission to expand its Langlie Lynn Queen Unit Waterflood Project in the Langlie Mattix Pool in Lea County, New Mexico.

NOW, on this 1<sup>st</sup> day of December, 1983, 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, Conoco Inc., be and the same is hereby authorized to inject water into Seven Rivers /Queen formations

through plastic-lined tubing set in a packer at approximately 3560 feet in the following described well for purposes of secondary recovery to wit:

Langlie Lynn Queen Unit  
Well No. 7 - 660 ' FSL  
and 1980 ' FWL, Sec. 23,  
T-23S, R-36E, Lea County,  
NM

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 722 psi.

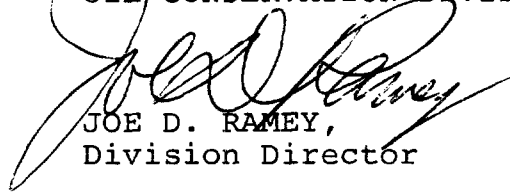
That the operator shall notify the supervisor of the Division's Hobbs District Office before injection is commenced through said well.

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 well or the leakage of water from or around said well and shall take such steps as may be timely or necessary to correct such failure or leakage.

That the subject well shall be governed by all provisions of Division Order No. R-4417 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



JOE D. RAMEY,  
Division Director

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