

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

August 11, 1978

Tenneco Oil Company
720 South Colorado Blvd.
Denver, Colorado

Re: Administrative Order No. WFX-465

Gentlemen:

Enclosed herewith please find Administrative
Order WFX No. 465.

Very truly yours,

JOE D. RAMEY
Division Director

JDR/CU/og

cc: Oil Conservation Division
Box 1980
Hobbs, New Mexico

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APPLICATION OF TENNECO OIL COMPANY
TO EXPAND ITS WATER FLOOD PROJECTS
IN THE LEONARD-QUEEN POOL IN LEA
COUNTY, NEW MEXICO.

ORDER WFX NO. 465

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION

Under the provisions of Order No. R-5675, Tenneco Oil Company has made application to the Division on July 27, 1978, for permission to expand its Leonard Federal and Leonard Brothers Waterflood Projects in the Leonard-Queen Pool in Lea County, New Mexico.

NOW, on this 11th day of August, 1978, 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 Order No. R-5675.
4. That the proposed injection wells are eligible for conversion to water injection under the terms of Order No. R-5675.
5. That the proposed expansion of the above referenced water flood projects will not cause waste nor impair correlative rights.
6. That the application should be approved.

IT IS THEREFORE ORDERED:

That the applicant, Tenneco Oil Company, be and the same is hereby authorized to inject water into the Queen formations through plastic-lined tubing set in packers at approximately 100 feet or less above the perforations in the following described wells for purposes of secondary recovery, to wit:

Leonard Federal Well No. 8 located in Unit O,
and Leonard Federal Well No. 12 located in
Unit K, both in Section 14, Township 26 South,
Range 37 East, NMPM, Lea County, New Mexico;

Leonard Brothers Well No. 3 located in Unit G,
and Leonard Brothers Well No. 5 located in
Unit O, both in Section 13, Township 26 South,
Range 37 East, NMPM, Lea County, New Mexico.

PROVIDED HOWEVER:

That the applicant, Tenneco Oil Company, be and the same is hereby authorized to inject water into the Queen formation through plastic-lined tubing set in a packer at approximately 3290 feet in the following described well for purposes of secondary recovery, to wit:

Leonard Federal Well No. 5
located in Unit I of Section
14, Township 26 South, Range
37 East, NMPM, Lea County,
New Mexico.

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.

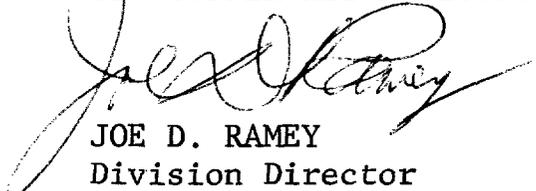
That the operator shall notify the supervisor of the Division's Hobbs District Office before injection is commenced through said well;

That the operator shall immediately notify the Supervisor of the Division's Hobbs District Office 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.

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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