



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

BRUCE KING  
GOVERNOR  
LARRY KEHOE  
SECRETARY

November 26, 1979

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-2434

Getty Oil Company  
P. O. Drawer DD  
Levelland, Texas 79336

Administrative Order WFX No. 478

Gentlemen:

Enclosed herewith please find Administrative Order WFX-478.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Joe D. Ramey".

JOE D. RAMEY  
Division Director

JDR/MH/og

cc: Oil Conservation Division  
Box 1980  
Hobbs, New Mexico

APPLICATION OF GETTY OIL COMPANY  
TO EXPAND ITS WATER FLOOD  
PROJECT IN THE LOVINGTON-PADDOCK  
POOL IN LEA COUNTY, NEW MEXICO

ORDER WFX NO. 478

ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION DIVISION

Under the provisions of Order No. R-3124, Getty Oil Company has made application to the Division on November 5, 1979, for permission to expand its Lovington-Paddock Unit Waterflood Project in the Lovington-Paddock Pool in Lea County, New Mexico.

NOW, on this 26th day of November, 1979, 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-3124.
4. That the proposed injection well is eligible for conversion to water injection under the terms of Order No. R-3124.
5. That the proposed expansion of the above referenced water flood project will not cause waste nor impair correlative rights.
6. That the application should be approved.

IT IS THEREFORE ORDERED:

That the applicant, Getty Oil Company, be and the same is hereby authorized to inject water into the Glorieta formations through plastic-lined tubing set in a packer at approximately 6090 feet in the following described well for purposes of secondary recovery, to wit:

Lovington-Paddock Unit Well No. 53 in Unit A of Section 6, Township 17 South, Range 37 East, NMPM, Lea County, New Mexico, and through plastic-lined tubing set in a packer at approximately 6050 feet in the following described well for purposes of secondary recovery, to wit:

Lovington Paddock Unit Well No. 25 in Unit G of Section 31, Township 16 South, Range 37 East, NMPM, Lea County, New Mexico, and through plastic-lined tubing set in a packer set at approximately 6060 feet in the following described well for purposes of secondary recovery, to wit:

Lovington Paddock Unit Well No. 34 in Unit I of Section 31, Township 16 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 casing-tubing annulus 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 pop-off valve or device which will limit the wellhead pressure to a maximum of 1220 pounds per square inch; provided however, that the Division Director may administratively authorize a pressure limitation in excess of the above upon the operator's

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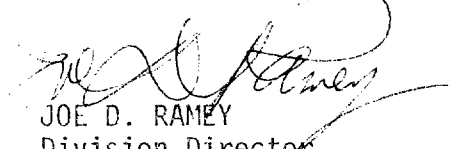
establishing that such higher pressure will not result in fracturing of confining strata.

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.

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

S E A L