



BRUCE KING  
GOVERNOR

LARRY KEHOE  
SECRETARY

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

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SANTA FE, NEW MEXICO 87501  
(505) 827-2434

April 23, 1979

Mobil Oil Corporation  
Nine Greenway Plaza - Suite 2700  
Houston, Texas 77046

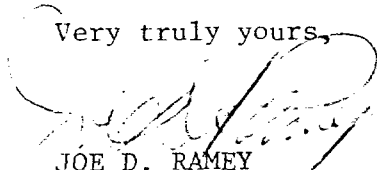
Administrative Order No. WFX-474

Gentlemen:

Enclosed herewith please find Administrative Order  
No. WFX -474 for the following described wells:

E-K Queen Unit Well No. 6-8 located  
in Unit H of Section 24 and E-K  
Queen Unit Well No. 10-1 located in  
Unit P of Section 14, both in Township  
18 South, Range 33 East, NMPM, Lea  
County, New Mexico.

Very truly yours,

  
JOE D. RAMEY  
Division Director

JDR/CU/og

cc: Oil Conservation Division  
Box 1980  
Hobbs, New Mexico

APPLICATION OF MOBIL OIL CORPORATION  
TO EXPAND ITS WATER FLOOD PROJECT  
IN THE E-K QUEEN POOL IN LEA COUNTY,  
NEW MEXICO.

ORDER WFX NO. 474

ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION DIVISION

Under the provisions of Order No. R-2914, Mobil Oil Corporation has made application to the Division on February 20, 1979, for permission to expand its E-K Queen Unit Area Waterflood Project in the E-K Queen Pool in Lea County, New Mexico.

NOW, on this 23rd day of April, 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-2914.
4. That the proposed injection well is eligible for conversion to water injection under the terms of Order No. R-2914.
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, Mobil Oil Corporation, be and the same is hereby authorized to inject water into the Queen formation through plastic-lined tubing set in packers at approximately 4300 feet and 4215 feet respectively, in the following described wells for purposes of secondary recovery, to wit:

E-K Queen Unit Well No. 6-8 located in Unit H of Section 24 and  
E-K Queen Unit Well No. 10-1 located in Unit P of Section 14,  
both in Township 18 South, Range 33 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.

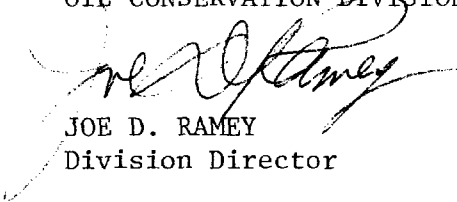
That the injection well or system shall be equipped with a pop-off valve or device which will limit the wellhead pressure to a maximum of 865 pounds per square inch; provided however that the Division Director may administratively authorize a pressure limitation in excess of the above upon the operator's 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