



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

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GOVERNOR

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SECRETARY

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

December 20, 1978

Continental Oil Company  
P. O. Box 460  
1001 North Turner  
Hobbs, New Mexico 88240

Re: Administrative Order No. WFX-471

Gentlemen:

Enclosed herewith please find Administrative Order WFX  
No. 471 for the following described wells:

MCA Unit Well No. 61 - Unit L, Section 20;  
MCA Unit Well No. 106 - Unit C, Section 30;  
MCA Unit Well No. 255 - Unit C, Section 20;  
MCA Unit Well No. 263 - Unit L, Section 20;  
MCA Unit Well No. 291 - Unit L, Section 19;  
MCA Unit Well No. 298 - Unit H, Section 19; and  
MCA Unit Well No. 309 - Unit H, Section 19, all  
in Township 17 South, Range 32 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 CONTINENTAL OIL COMPANY  
TO EXPAND ITS WATER FLOOD PROJECT IN THE  
MALJAMAR GRAYBURG-SAN ANDRES POOL IN  
LEA COUNTY, NEW MEXICO.

ORDER WFX NO. 471

ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION DIVISION

Under the provisions of Order No. R-2403, Continental Oil Company has made application to the Division on October 10, 1978, for permission to expand its MCA Unit Waterflood Project in the Maljamar Grayburg-San Andres Pool in Lea County, New Mexico.

NOW, on this 20th day of December, 1978, the Division Director finds:

1. That application has been filed in due form.
2. That satisfactory information has been provided that there are no other offset operators.
3. That the proposed injection well is eligible for conversion to water injection under the terms of Order No. R-2403.
4. That the proposed expansion of the above referenced water flood project will not cause waste nor impair correlative rights.
5. That the application should be approved.

IT IS THEREFORE ORDERED:

That the applicant, Continental Oil Company, be and the same is hereby authorized to inject water into the Grayburg and San Andres formations through plastic-lined tubing set in packers at approximately 3500 feet in the following described wells for purposes of secondary recovery, to wit:

MCA Unit Well No. 61, located in Unit L of Section 20;  
MCA Unit Well No. 106 located in Unit C of Section 30;  
MCA Unit Well No. 255 located in Unit C of Section 20;  
MCA Unit Well No. 263 located in Unit L of Section 20;  
MCA Unit Well No. 291 located in Unit L of Section 19;  
MCA Unit Well No. 298 located in Unit H of Section 19; and  
MCA Unit Well No. 309 located in Unit H of Section 19, all  
of which are in Township 17 South, Range 32 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 700 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;

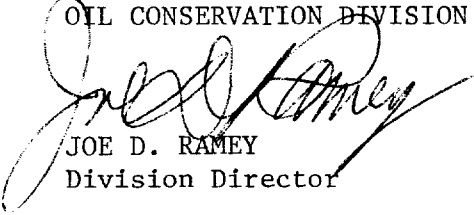
WFX No. 471

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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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