



## OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO  
P. O. BOX 2088 - SANTA FE  
87501

December 6, 1973

I. R. TRUJILLO  
CHAIRMAN  
LAND COMMISSIONER  
ALEX J. ARMIJO  
MEMBER  
STATE GEOLOGIST  
A. L. PORTER, JR.  
SECRETARY - DIRECTOR

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Post Office Box 2168  
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Albuquerque, New Mexico 87103

Re: CASE NO. 5116  
ORDER NO. R-4688  
Applicant:  
Mobil Oil Corporation

Dear Sir:

Enclosed herewith are two copies of the above-referenced  
Commission order recently entered in the subject case.

Very truly yours,

*A. L. Porter, Jr.*

A. L. PORTER, Jr.  
Secretary-Director

ALP/ir

Copy of order also sent to:

Hobbs OCC x  
Artesia OCC         
Aztec OCC       

Other State Engineer Office

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE NO. 5116  
Order No. R-4688

APPLICATION OF MOBIL OIL CORPORATION  
FOR A PRESSURE MAINTENANCE PROJECT,  
LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on November 28, 1973, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 6th day of December, 1973, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Mobil Oil Corporation, seeks authority to institute a pressure maintenance project by the injection of water and/or gas into its Bridges State Well No. 147 located in Unit F of Section 13, Township 17 South, Range 34 East, NMFM, Vacuum-Middle Pennsylvanian Pool, Lea County, New Mexico.

(3) That the proposed pressure maintenance project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

(4) That the operator should take all steps necessary to ensure that the injected water and/or gas enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface from injection, production, or plugged and abandoned wells.

(5) That administrative procedures should be established whereby additional injection wells in the project area may be approved without notice and hearing and whereby the project area may be expanded without notice and hearing.

(6) That said Bridges State Well No. 147 is currently an oil-oil dual completion and the proposed mechanics of recompleting said well as a dual injection and producing well in the Vacuum-Middle Pennsylvanian Pool and the North Vacuum-Abo Pool, respectively, are proper and in accordance with good conservation practices.

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(7) That the subject application should be approved, the W/2 of said Section 13 be designated the project area, and the project be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

IT IS THEREFORE ORDERED:

(1) That the applicant, Mobil Oil Corporation, is hereby authorized to institute a pressure maintenance project by the injection of water and/or gas into the Middle Pennsylvanian formation in its Bridges State Well No. 147, located in Unit F of Section 13, Township 17 South, Range 34 East, Vacuum-Middle Pennsylvanian Pool, Lea County, New Mexico.

(2) That injection into said well shall be through 2 3/8-inch tubing, set in a packer which shall be located at approximately 10,390 feet; that the casing-tubing annulus shall be loaded with an inert fluid and equipped with an approved pressure gauge or attention-attracting leak detection device and a pressure relief valve.

(3) That the operator shall immediately notify the supervisor of the Commission's Hobbs district office of the failure of the casing, tubing, or packer in said injection well, the leakage of gas, water or oil from around any producing well, or the leakage of gas, water or oil from any plugged and abandoned well within the project area and shall take such timely steps as may be necessary or required to correct such failure or leakage.

(4) That the W/2 of said Section 13 is hereby established as the project area and designated the Mobil Vacuum-Middle Pennsylvanian Pressure Maintenance Project which shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

(5) The Secretary-Director of the Commission is hereby authorized to approve additional injection wells within the boundaries of the project area as may be necessary to complete an efficient injection pattern. To obtain such approval, the project operator shall file proper application with the Commission, which application shall include the following:

(a) A plat showing the location of proposed injection well, all wells within the project area, and offset operators, locating wells which offset the project area.

(b) A schematic drawing of the proposed well which fully describes the casing, tubing, perforated interval, and depth.

(c) A letter stating that all offset operators to the proposed well have been furnished a complete copy of the application and the date of notification.

The Secretary-Director may approve the proposed injection well if, within 20 days after receiving the application, no objection

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to the proposal is received. The Secretary-Director may grant immediate approval, provided waivers of objection are received from all offset operators.

(6) That expansion of the project area may be approved by the Secretary-Director of the Commission administratively when good cause is shown therefor.

(7) Each month the project operator shall submit to the Commission a Pressure Maintenance Project Operator's Report on a form prescribed by the Commission.

(8) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

I. R. TRUJILLO, Chairman

ALEX J. ARMISTO, Member

A. L. PORTER, JR., Member & Secretary

SEAL

jr/