

*Entered September 4, 1969  
A.L.P.*

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. 4204  
Order No. R-3824

APPLICATION OF MOBIL OIL CORPORATION  
FOR A WATERFLOOD PROJECT AND UNORTHODOX  
INJECTION WELL LOCATIONS, LEA  
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on August 27, 1969, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 4th day of September, 1969, 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 permission to institute a waterflood project in the Humphrey Queen Unit Area, Langlie-Mattix Pool, by the injection of water into the Queen sand formation through 11 injection wells at orthodox and unorthodox locations in Sections 3 and 4, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico.

(3) That the applicant further seeks the establishment of an administrative procedure whereby the Secretary-Director of the Commission may authorize additional injection wells at orthodox and unorthodox locations within said waterflood project area as may be necessary to complete an efficient injection pattern without the necessity of showing well response.

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(4) That the wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells.

(5) That the proposed waterflood project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

(6) That the subject application should be approved and the project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations; provided however, that the showing of well response as required by Rule 701 E-5 shall not be necessary before obtaining administrative approval for the conversion of additional wells to water injection, and provided further, that said injection wells are drilled no closer than 330 feet to the outer boundary of the Humphrey Queen Unit nor closer than 10 feet to any quarter-quarter section or subdivision inner boundary.

IT IS THEREFORE ORDERED:

(1) That the applicant, Mobil Oil Corporation, is hereby authorized to institute a waterflood project in the Humphrey Queen Unit Area, Langlie-Mattix Pool, by the injection of water into the Queen sand formation through the following-described wells at orthodox and unorthodox locations in Township 25 South, Range 37 East, NMPM, Lea County, New Mexico:

Unit Well		Unit	Section
No.	Previous Well Name and Number		
2	Mobil-Liberty Well No. 1	D	3
4	Mobil-Humphrey "A" Well No. 1	B	3
6	Mobil-Fristoe Well No. 6	A	3
9	Mobil-Humphrey "A" Well No. 4	F	3
15	Mobil-Liberty Well No. 5	L	3
17	Mobil-Humphrey "A" Well No. 5	J	3
19	Mobil-Fristoe Well No. 7	I	3
23	Mobil-Humphrey "A" Well No. 9	O	3
20	To be drilled - 100' FSL & 5' FWL		3
7	Mobil-Smith Well No. 2	H	4
13	To be drilled - 2522' FSL & 1220' FEL		4

(2) That the subject waterflood project is hereby designated the Mobil Langlie Mattix Humphrey Waterflood Project and shall be

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governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations;

PROVIDED HOWEVER, that the Secretary-Director of the Commission may approve such additional injection wells at orthodox and unorthodox locations within said waterflood project area as may be necessary to complete an efficient injection pattern; provided said wells are drilled no closer than 330 feet to the outer boundary of the Humphrey Queen Unit nor closer than 10 feet to any quarter-quarter section or subdivision inner boundary, and provided further, that the application therefor has been filed in accordance with Rule 701 B of the Commission Rules and Regulations, and provided further, that a copy of the application has been sent to all offset operators, if any there be, and no such operator has objected within 15 days. The showing of well response as required by Rule 701 E-5 shall not be necessary before obtaining administrative approval for the conversion of additional wells to water injection.

(3) That monthly progress reports of the waterflood project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

(4) That that portion of Order No. R-3426, dated June 5, 1968, which approved certain of the above wells as water injection wells is hereby superseded.

(5) 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

DAVID F. CARGO, Chairman

ALEX J. ARMIJO, Member

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

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