

Entered April 1, 1970

A.L.O.

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. 4325
Order No. R-3938

APPLICATION OF MOBIL OIL CORPORATION
FOR DOWNHOLE COMMINGLING, LEA COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on March 25, 1970,
at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 1st day of April, 1970, 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, is the owner
and operator of the Bridges State Well No. 119, located in Unit F
of Section 24, Township 17 South, Range 34 East, NMPM, Lea County,
New Mexico.

(3) That pursuant to authority granted by Administrative
Order MC-1762, the subject well was completed by the applicant as
a triple completion (conventional) to produce oil from the North
Vacuum-Abo, Vacuum-Wolfcamp, and the Vacuum-Upper Pennsylvanian
Pools through parallel strings of tubing.

(4) That the Vacuum-Wolfcamp and Vacuum-Upper Pennsylvanian
zones are now capable of only low marginal production.

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(5) That the applicant now proposes to complete the subject well in such a manner as to produce oil from the North Vacuum-Abo Pool through one string of 2 3/8-inch tubing and to produce the low marginal production from the Vacuum-Wolfcamp and Vacuum-Upper Pennsylvanian Pools through a single parallel string of 2 3/8-inch tubing, commingling in the well-bore the production from the Vacuum-Wolfcamp and Vacuum-Upper Pennsylvanian oil zones, with separation of the North Vacuum-Abo zone and the commingled Vacuum-Wolfcamp and Vacuum-Upper Pennsylvanian zones by means of a packer set at approximately 9535 feet.

(6) That the proposed commingling of the Vacuum-Wolfcamp and Vacuum-Upper Pennsylvanian zones may substantially extend the productive lives of said zones.

(7) That the reservoir characteristics of the Vacuum-Wolfcamp and Vacuum-Upper Pennsylvanian zones in the subject well are such that underground waste would not be caused by the proposed commingling in the well-bore.

(8) That the proposed commingling may result in the recovery of additional oil from each of the commingled zones, thereby preventing waste, and will not violate correlative rights.

(9) That the mechanics of the proposed completion are feasible and in accord with good conservation practices.

(10) That in order to assist in a determination of the amount of production to be allocated to each of the commingled zones, four weekly production tests of the commingled Vacuum-Wolfcamp and Vacuum-Upper Pennsylvanian zones should be taken by the applicant; that the results of said tests should be submitted to the Santa Fe and Hobbs offices of the Commission.

(11) That approval of the subject application will prevent waste and protect correlative rights.

(12) That Administrative Order MC-1762 should be placed in abeyance.

IT IS THEREFORE ORDERED:

(1) That the applicant, Mobil Oil Corporation, is hereby authorized to complete its Bridges State Well No. 119, located

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in Unit F of Section 24, Township 17 South, Range 34 East, NMPM, Lea County, New Mexico, in such a manner as to produce oil from the North Vacuum-Abo Pool through one string of 2 3/8-inch tubing and to produce oil from the Vacuum-Wolfcamp and Vacuum-Upper Pennsylvanian Pools through a single parallel string of 2 3/8-inch tubing, commingling in the well-bore the production from the Vacuum-Wolfcamp and Vacuum-Upper Pennsylvanian Pools, with separation of the North Vacuum-Abo zone and the commingled Vacuum-Wolfcamp and Vacuum-Upper Pennsylvanian zones by means of a packer set at approximately 9535 feet;

PROVIDED HOWEVER, that the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Commission Rules and Regulations insofar as said rule is not inconsistent with this order;

PROVIDED FURTHER, that the applicant shall take packer-leakage tests upon completion and annually thereafter during the Annual Gas-Oil Ratio Test Period for the Vacuum-Wolfcamp Pool.

(2) That the applicant shall take one production test of the commingled Vacuum-Wolfcamp and Vacuum-Upper Pennsylvanian zone per week for a period of one month and submit results of said tests to the Santa Fe and Hobbs offices of the Commission.

(3) That the production from the Vacuum-Wolfcamp zone and from the Vacuum-Upper Pennsylvanian zone in the subject well shall be established and future production allocated to said zones in the subject well in the proportion that the production from each of said zones in the subject well bears to the combined production from both of said zones until further order of the Commission.

(4) That the commingling in the well-bore authorized by this order shall continue only so long as the commingled production of the two zones does not exceed 80 barrels of oil per day.

(5) That Administrative Order MC-1762 is hereby placed in abeyance.

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

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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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