

*Entered November 10, 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. 4243  
Order No. R-3876

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 November 5, 1969, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 10th day of November, 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, is the owner and operator of the Bridges State Well No. 121, located in Unit L of Section 13, Township 17 South, Range 34 East, NMPM, Lea County, New Mexico.

(3) That pursuant to authority granted by Order No. R-3330, the subject well was completed by the applicant as a triple completion (conventional) to produce oil from the North Vacuum-Abo, Vacuum-Upper Pennsylvanian, and Vacuum-Middle Pennsylvanian Pools through parallel strings of 2 3/8-inch tubing, with separation of zones by packers set at approximately 10,040 feet and 10,397 feet.

(4) That the Vacuum-Upper Pennsylvanian and Vacuum-Middle 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-Upper Pennsylvanian and Vacuum-Middle Pennsylvanian Pools through a single parallel string of tubing set just above the Vacuum-Middle Pennsylvanian perforations, commingling in the well-bore the production from the Vacuum-Upper Pennsylvanian and Vacuum-Middle Pennsylvanian oil zones, with separation of the North Vacuum-Abo zone and the commingled Vacuum-Upper Pennsylvanian and Vacuum-Middle Pennsylvanian zones by means of a packer set at approximately 10,040 feet.

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

(7) That the reservoir characteristics of the Vacuum-Upper Pennsylvanian and Vacuum-Middle 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 production tests of the Vacuum-Upper Pennsylvanian and Vacuum-Middle Pennsylvanian zones should be conducted, prior to commingling, to determine the production from each of said zones.

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

(12) That Order No. R-3330 should be superseded.

IT IS THEREFORE ORDERED:

(1) That the applicant, Mobil Oil Corporation, is hereby authorized to complete its Bridges State Well No. 121, located in Unit L of Section 13, 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

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and to produce oil from the Vacuum-Upper Pennsylvanian and Vacuum-Middle Pennsylvanian Pools through a single parallel string of 2 3/8-inch tubing set just above the Vacuum-Middle Pennsylvanian perforations, commingling in the well-bore the production from the Vacuum-Upper Pennsylvanian and Vacuum-Middle Pennsylvanian Pools, with separation of the North Vacuum-Abo zone and the commingled Vacuum-Upper Pennsylvanian and Vacuum-Middle Pennsylvanian zones by means of a packer set at approximately 10,040 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-Upper Pennsylvanian Pool.

(2) That the production from the Vacuum-Upper Pennsylvanian zone and from the Vacuum-Middle 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.

(3) 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 the top unit allowable for either of said zones in the subject well.

(4) That Order No. R-3330 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. ARMILLO, Member

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

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