

*Entered November 4, 1968  
A.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. 3900  
Order No. R-3552

APPLICATION OF CONTINENTAL OIL  
COMPANY 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 October 23, 1968, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 4th day of November, 1968, 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, Continental Oil Company, is the owner and operator of the State H-35 Well No. 7, located 660 feet from the North line and 1780 feet from the East line of Section 35, Township 17 South, Range 34 East, NMPM, Lea County, New Mexico.
- (3) That by Administrative Order No. MC-1368, dated August 26, 1963, the subject well was authorized as a dual completion for the production of oil from the Abo and Wolfcamp formations through parallel strings of tubing.
- (4) That subsequent to the issuance of said Order No. MC-1368 the Wolfcamp formation was isolated, and that by Administrative Order No. MC-1368-A, dated October 15, 1965, the

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subject well was authorized as a dual completion for the production of oil from the Vacuum-Glorieta and North Vacuum-Abo Pools through parallel strings of tubing.

(5) That just prior to said isolation, the Wolfcamp zone was producing at a marginal rate.

(6) That subsequent to the issuance of said Order No. MC-1368-A, the Glorieta perforations have been squeezed.

(7) That the subject well is presently shut in as to the North Vacuum-Abo Pool; that just prior to said shutting in, the North Vacuum-Abo was producing at a marginal rate.

(8) That the applicant proposes to remove the cast iron bridge plug separating the Abo and Wolfcamp perforations, commingle the production from said zones, and to produce the marginal production from the subject zones through a single string of tubing by means of a hydraulic pump and bottom-hole assembly to be set in the proximity of the Wolfcamp perforations.

(9) That the proposed commingling may substantially extend the productive lives of the subject zones in the aforesaid well.

(10) That the reservoir characteristics of each of the two zones are such that underground waste would not be caused by the proposed commingling in the well-bore.

(11) That the proposed commingling may result in the recovery of additional oil from both of the subject pools, thereby preventing waste, and will not violate correlative rights.

(12) That the Abo zone in the subject well has an estimated present producing capacity of 24 barrels of oil per day and that the Wolfcamp zone has an estimated present producing capacity of 12 1/2 barrels of oil per day.

IT IS THEREFORE ORDERED:

(1) That the applicant, Continental Oil Company, is hereby authorized to complete its State H-35 Well No. 7, located 660 feet from the North line and 1780 feet from the East line of Section 35,

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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 perforations from 9154 feet to 9526 feet and from the Vacuum-Wolfcamp Pool through perforations from 9620 feet to 10,066 feet, commingling the production from each of said zones in the well-bore;

PROVIDED HOWEVER, that future production shall be allocated to the Abo and Wolfcamp zones of the subject well in the proportion that the estimated present producing capacity of each zone bears to the combined production from both zones until further order of the Commission;

PROVIDED FURTHER, that commingling in the well-bore shall continue only so long as the commingled production does not exceed the top unit allowable for either of the zones in the subject well.

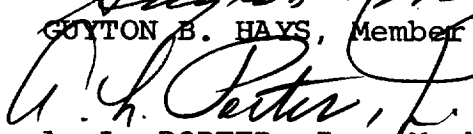
(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

  
DAVID F. CARGO, Chairman

  
GUYTON B. HAYS, Member

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

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