

*Entered August 1, 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. 4120  
Order No. R-3808  
NOMENCLATURE

APPLICATION OF SAM BOREN FOR THE  
CREATION OF A NEW GAS POOL, PROMUL-  
GATION OF SPECIAL RULES FOR THE POOL,  
A DUAL COMPLETION, AND COMMINGLING,  
LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on May 7, 1969,  
at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 1st day of August, 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, Sam Boren, seeks the creation of  
a new gas pool for Wolfcamp production for his Crowley State "A"  
Well No. 1, located in Unit L of Section 5, Township 12 South,  
Range 33 East, NMPM, Lea County, New Mexico, and the promulgation  
of special rules and regulations governing said pool, including  
a provision for 320-acre spacing units.

(3) That the applicant also seeks approval for the dual  
completion of said well to produce gas through the casing-tubing  
annulus from the aforesaid Wolfcamp pool and oil through tubing  
from the North Bagley-Lower Pennsylvanian Pool, with separation  
of zones by a packer set at approximately 8747 feet, commingling

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in the well-bore, by means of a gas-lift assembly, sufficient Wolfcamp gas to lift the Pennsylvanian oil.

(4) That the applicant further seeks authority to commingle on the lease the liquid hydrocarbons from said pools after separately metering the production from each pool.

(5) That said Sam Boren Crowley State "A" Well No. 1 is completed in the Upper Pennsylvanian zone and should be considered an extension of the Bagley-Upper Pennsylvanian Gas Pool.

(6) That the applicant's request for the creation of a new gas pool for Wolfcamp production and the promulgation of special rules and regulations therefor should be denied.

(7) That the mechanics of the proposed dual completion with commingling in the well-bore, by means of a gas-lift assembly, sufficient Upper Pennsylvanian gas to lift the Lower Pennsylvanian oil are feasible and in accord with good conservation practices.

(8) That in order to protect the correlative rights of other producers in the Bagley-Upper Pennsylvanian Gas Pool, all gas produced from both zones of the dually completed well should be charged against the allowable for said well in the Bagley-Upper Pennsylvanian Gas Pool.

(9) That approval of the proposed commingling on the lease of the liquid hydrocarbons from the subject pools will help prevent the loss of Upper Pennsylvanian condensate production caused by vaporization and will not violate correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant's request for the creation of a new gas pool for Wolfcamp production and the promulgation of special rules and regulations therefor is hereby denied.

(2) That the applicant, Sam Boren, is hereby authorized to complete his Crowley State "A" Well No. 1, located in Unit L of Section 5, Township 12 South, Range 33 East, NMPM, Lea County, New Mexico, as a dual completion to produce gas from the Bagley-Upper Pennsylvanian Gas Pool through the casing-tubing annulus and oil from the North Bagley-Lower Pennsylvanian Pool through tubing, with separation of zones by a packer set at approximately

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8747 feet, commingling in the well-bore, by means of a gas-lift assembly, sufficient Upper Pennsylvanian gas to lift the Lower Pennsylvanian oil;

PROVIDED HOWEVER, that all gas produced from both zones of the subject dually completed well shall be charged against the allowable for said well in the Bagley-Upper Pennsylvanian Gas Pool;

PROVIDED FURTHER, 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 Gas-Oil Ratio Test Period for the Lower Pennsylvanian zone..

(3) That the applicant is hereby authorized to commingle on the lease the liquid hydrocarbon production from the Bagley-Upper Pennsylvanian Gas Pool and the North Bagley-Lower Pennsylvanian Pool produced by his Crowley State "A" Well No. 1, allocating said liquid production to each pool on the basis of monthly production tests;

PROVIDED HOWEVER, that said installation shall be operated in accordance with the provisions of the Commission's "Manual for the Installation and Operation of Commingling Facilities," and provided further, that the Commission may require separate metering of the liquid production from each pool prior to commingling in the event the Lower Pennsylvanian zone becomes capable of top allowable production.

(4) 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

ALBX J. ARMIJO, Member

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

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