

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION FOR THE PURPOSE OF  
CONSIDERING:

Case No. 841  
Order No. R-640

THE MATTER OF THE APPLICATION  
OF THE COMMISSION ON ITS OWN  
MOTION FOR AN ORDER AMENDING  
OR REVISING THE EXISTING VERTICAL  
AND HORIZONTAL LIMITS OF THE JALMAT  
GAS POOL, THE COOPER-JAL OIL POOL  
AND THE LANGLIE-MATTIX OIL POOL TO  
PREVENT INEQUITIES WITHIN PRORATION  
UNITS, AND TO ESTABLISH RULES AND  
REGULATIONS GOVERNING THE COMPLETION  
AND PRODUCTION OF OIL AND GAS WELLS  
WITHIN AN AREA SITUATED IN TOWNSHIPS  
24 AND 25 SOUTH, RANGES 36 AND 37 EAST,  
NMPM, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing on February 16, 1955, and on March 16, 1955, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 31 day of May 1955, the Commission, a quorum being present, having considered the record and testimony adduced 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 Commission did, on August 12, 1954, enter Commission Order R-520, which order set out the vertical limits for the Jalmat Gas Pool, the Cooper-Jal Oil Pool and the Langlie-Mattix Oil Pool.

(3) That a synclinal accumulation of oil exists in the Yates sand in the following described area:

TOWNSHIP 24 SOUTH, RANGE 36 EAST, NMPM  
Section 13: SE/4 NE/4, SE/4  
Section 23: E/2 E/2  
Section 24: All  
Section 25: N/2  
Section 26: E/2 NE/4

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM

Section 18: SW/4 NW/4, W/2 SW/4

Section 19: W/2

Section 30: NW/4

(4) That the accumulation of oil in the Yates sand in the above-described area is believed to be in direct communication with Yates dry gas known to exist in the immediate surrounding area.

(5) That the above-described Yates oil reservoir is separate and distinct from oil and gas reservoirs encountered in the underlying Seven Rivers formation in that area set out above, and that the Seven Rivers oil reservoir as presently known is separate and distinct from that gas reservoir encountered in the Seven Rivers formation in the area hereinabove described.

(6) That in view of this special geologic situation, it is necessary to re-define the vertical limits of the Jalmat Gas Pool, the Cooper-Jal Oil Pool and the Langlie-Mattix Oil Pool insofar as such pools lie within the area hereinabove set out.

(7) That in order to preserve the equities of operators both within and outside the above-described area, it is necessary to establish a limiting gas-oil ratio for oil wells producing from the Jalmat Gas Pool in the area hereinabove set out.

IT IS THEREFORE ORDERED:

(1) That the vertical limits of the Jalmat Gas Pool shall extend from the top of the Tansill formation to a point 250 feet above the base of the Seven Rivers formation, thereby including all of the Yates formation, and that this redefinition of the vertical limits of the Jalmat Gas Pool shall be confined to an area described as follows:

TOWNSHIP 24 SOUTH, RANGE 36 EAST, NMPM

Section 13: SE/4 NE/4, SE/4

Section 23: E/2 E/2

Section 24: All

Section 25: N/2

Section 26: E/2 NE/4

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM

Section 18: SW/4 NW/4, W/2 SW/4

Section 19: W/2

Section 30: NW/4

(2) That the vertical limits of the Cooper-Jal Oil Pool shall extend from a point 250 feet above the base of the Seven Rivers formation to the base of the Queen formation.

(3) That this redefinition of the vertical limits of the Cooper-Jal Oil Pool shall be confined to an area described as follows:

TOWNSHIP 24 SOUTH, RANGE 36 EAST, NMPM

Section 23: E/2 E/2

Section 24: NW/4, W/2 SW/4

Section 25: NW/4

Section 26: E/2 NE/4

(4) That the vertical limits of the Langlie-Mattix Oil Pool shall extend from a point 250 feet above the base of the Seven Rivers formation to the base of the Queen formation.

(5) That this redefinition of the vertical limits of the Langlie-Mattix Oil Pool shall be confined to an area described as follows:

TOWNSHIP 24 SOUTH, RANGE 36 EAST, NMPM

Section 13: SE/4 NE/4, SE/4

Section 24: E/2, E/2 SW/4

Section 25: NE/4

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM

Section 18: SW/4 NW/4 W/2 SW/4

Section 19: W/2

Section 30: NW/4

(6) That the dual completion of a well so as to produce oil from the Yates and oil from the Seven Rivers or Queen formations is hereby prohibited.

(7) That oil wells producing from the Jalmat Gas Pool and situated within the area described in paragraph (1) above, shall be limited to a producing gas-oil ratio of 10,000 cubic feet of gas per barrel of oil.

(8) That acreage dedicated to a gas well in the Jalmat Gas Pool shall not be simultaneously dedicated to an oil well in the Jalmat Gas Pool.

PROVIDED FURTHER, that the provisions of this order shall become effective on July 1, 1955.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

*John F. Simms*

JOHN F. SIMMS, Chairman

*E. S. Walker*  
E. S. WALKER, Member

*W. B. Macey*

W. B. MACEY, Member and Secretary

