

Entered November 25, 1980
JLR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

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

CASE NO. 7062
Order No. R-6527

APPLICATION OF EL PASO NATURAL GAS
COMPANY FOR DOWNHOLE COMMINGLING,
LEA COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on October 29, 1980, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 25th day of November, 1980, the Division Director, 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 Division has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, El Paso Natural Gas Company, is the owner and operator of the Carlson Federal Well No. 2, located in Unit N of Section 23, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico.

(3) That the applicant seeks authority to commingle Jalmat and Langlie-Mattix production within the wellbore of the above-described well.

(4) That the vertical limits of the Jalmat Pool as defined by Order No. R-520, dated August 12, 1954, include the Tansill and Yates formations and all but the lowermost 100 feet of the Seven Rivers formation.

(5) That the vertical limits of the Langlie-Mattix Pool, as defined by said Order No. R-520, include the lowermost 100 feet of the Seven Rivers formation and all of the Queen formation.

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(6) That there has been some disparity among some geologists as to the actual base of the Seven Rivers formation and the top of the Queen formation and hence as to the location of the 100-foot marker separating the Jalmat and Langlie-Mattix Pools.

(7) That as a result of this disparity, the subject well and certain other wells in the general area which are classified as Jalmat wells have perforations extending across the aforesaid 100-foot marker in the Seven Rivers formation into the upper portion of the Langlie-Mattix Pool.

(8) That such crossing over from one pool into the other in this case appears to be an unintentional error.

(9) That to rectify the aforesaid error would require workover operations on the subject well which would be expensive and might endanger the productivity of the subject well, and would actually serve no beneficial purpose, inasmuch as the production and reservoir characteristics of the perforations immediately above and below the 100-foot marker are quite similar.

(10) That a reasonable solution to the problem in this case is to authorize the commingling of Jalmat production with the production from the upper portion of the Langlie-Mattix Pool in the subject well.

(11) That such commingling will prevent waste and should not impair correlative rights and should be approved.

(12) That in order to allocate the commingled production to each of the commingled zones in the subject well, 86 percent of the commingled production should be allocated to the Jalmat zone, and 14 percent of the commingled production to the Langlie-Mattix zone.

IT IS THEREFORE ORDERED:

(1) That the applicant, El Paso Natural Gas Company, is hereby authorized to commingle Jalmat and Upper Langlie-Mattix production within the wellbore of the Carlson Federal Well No. 2, located in Unit N of Section 23, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico.

(2) That 86 percent of the commingled production shall be allocated to the Jalmat zone and 14 percent of the commingled production shall be allocated to the Langlie-Mattix zone.

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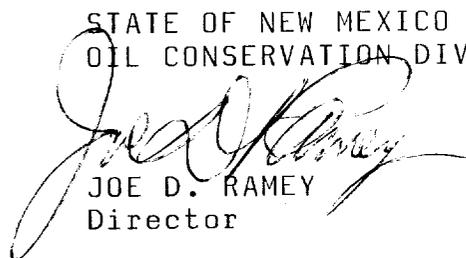
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(3) That the effective date of the aforesaid commingling authority shall be the date the Carlson Federal Well No. 2 was perforated between 2948 feet and 3174 feet.

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

DONE at Santa Fe, New Mexico, on the day and year herein-
above designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



JOE D. RAMEY
Director

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