

Entered March 26, 1982
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. 7504
Order No. R-6928

APPLICATION OF CITIES SERVICE
COMPANY FOR EXTENSION OF VERTICAL
LIMITS OF THE LANGLIE-MATTIX POOL,
LEA COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on March 16, 1982, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 26th day of March, 1982, 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, Cities Service Company, seeks the contraction of the vertical limits of the Jalmat Pool and the upward extension of the vertical limits of the Langlie-Mattix Pool to a depth of 3416 feet, subsurface, underlying the NW/4 SE/4 of Section 19, Township 24 South, Range 37 East, NMPM, Lea County, New Mexico.
- (3) 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.
- (4) 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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(5) 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.

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

(7) That such crossing over from one pool into the other in such wells appeared to be an unintentional error and the vertical limits of said pools were altered to permit said wells to continue to produce in the common wellbore.

(8) That applicant's Thomas A Lease Well No. 3 located in the NW/4 SE/4 of said Section 19 is offset by several of such wells for which the vertical limits of said pools have been altered.

(9) That the proposed amendment of the vertical limits of said pools underlying the NW/4 SE/4 of the aforesaid Section 19 will permit the applicant to produce its just and equitable share of the hydrocarbons therefrom, will promote the prevention of waste, and will not violate correlative rights.

(10) That the application should be approved.

IT IS THEREFORE ORDERED:

(1) That the lowermost vertical limits of the Jalmat Pool underlying the NW/4 SE/4 of Section 19, Township 24 South, Range 37 East, NMPM, Lea County, New Mexico, are hereby contracted to a subsurface depth of 3416 feet, and the uppermost limits of the Langlie-Mattix Pool underlying said tract are hereby extended upward to the same subsurface depth.

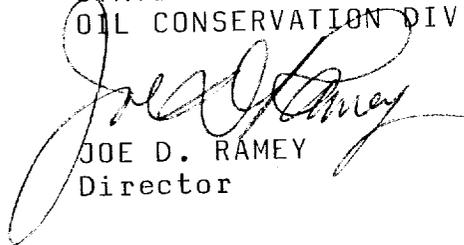
(2) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

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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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