

Entered November 25, 1980  
JHR

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. 7057  
Order No. R-6524

APPLICATION OF DOYLE HARTMAN 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 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, Doyle Hartman, 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 the following depths underlying the following 40-acre tracts in Township 24 South, Range 37 East, Lea County, New Mexico: 3364 feet underlying the SE/4 SE/4 of Section 30, dedicated to applicant's Corrigan Well No. 1; 3389 feet underlying the NE/4 SE/4 of Section 30, dedicated to applicant's Corrigan Well No. 2; and 3390 feet underlying the SE/4 SW/4 of Section 20, dedicated to applicant's Harrison Well No. 1.

(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.

-2-

Case No. 7057

Order No. R-6524

(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.

(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, the subject wells and certain other wells in the general area which are classified as Langlie-Mattix wells have 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 this case appears to be an unintentional error.

(8) That to rectify the aforesaid error would require workover operations on the subject wells which would be expensive and might endanger the productivity of the subject wells, 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.

(9) That a reasonable solution to the problem is to adjust the vertical limits of the Langlie-Mattix Pool upward under each of the above-described tracts in order to accommodate the present perforations in the lower Seven Rivers formation in the subject wells which are actually within the present Jalmat vertical limits.

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

IT IS THEREFORE ORDERED:

(1) That the lowermost vertical limits of the Jalmat Pool underlying the SE/4 SE/4 and the NE/4 SE/4 of Section 30, and the SE/4 SW/4 of Section 20, Township 24 South, Range 37 East, NMPM, Lea County, New Mexico, are hereby contracted to a subsurface depth of 3364 feet, 3389 feet, and 3390 feet, respectively, and the uppermost limits of the Langlie-Mattix Pool underlying said tracts are hereby extended upward to the same subsurface depths.

-3-

Case No. 7057

Order No. R-6524

(2) That the effective date of the aforesaid revisions of the vertical limits of said pools underlying each of the aforesaid tracts shall be the date the Corrigan Well No. 1 was perforated between 3364 feet and 3434 feet, the date when the Corrigan Well No. 2 was perforated between 3389 feet and 3468 feet, and the date when the Harrison Well No. 1 was perforated between 3390 feet and 3435 feet, respectively.

(3) 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 hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



JOE D. RAMEY  
Director

S E A L

fd/