

Entered November 25, 1980
JKK

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. 7058
Order No. R-6525

APPLICATION OF TAHOE OIL & CATTLE
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.

NDW, 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, Tahoe Oil & Cattle Company, is the owner and operator of the Harrison Wells Nos. 1 and 2, located in Units A and H, respectively, and its Judy Well No. 1, located in Unit C, all in Section 7, 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 wellbores of the above-described wells.
- (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.

-2-

Case No. 7058

Order No. R-6525

(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 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.

(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 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.

(10) That a reasonable solution to the problem in this case is to authorize the commingling of the production from the Lower Jalmat perforations and the Langlie-Mattix production in the wellbores of the subject wells.

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

(12) That to allocate the commingled production to each of the commingled zones in the subject wells would be impracticable in this case and therefore all production should be attributed to the Langlie-Mattix Pool.

IT IS THEREFORE ORDERED:

(1) That the applicant, Tahoe Oil & Cattle Company, is hereby authorized to commingle Lower Jalmat and Langlie-Mattix production within the wellbores of the Harrison Wells Nos. 1 and 2 located in Units A and H, respectively, and its Judy Well No. 1, located in Unit C, all in Section 7, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico.

(2) That all of the commingled production from the subject wells shall be attributed to the Langlie-Mattix Pool.

(3) That the effective date of the aforesaid commingling authorization for each of the subject wells shall be the date

-3-

Case No. 7058

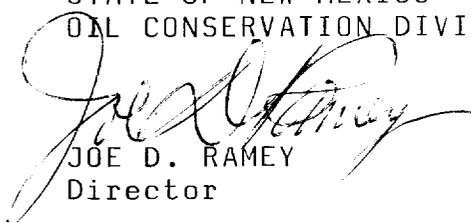
Order No. R-6525

the Harrison Well No. 1 was perforated between 3257 feet and 3390 feet, the date the Harrison Well No. 2 was perforated between 3127 feet and 3377 feet, and the date the Judy Well No. 1 was perforated between 3214 feet and 3335 feet, respectively.

(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 hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



JOE D. RAMEY
Director

S E A L

fd/