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State of New Mexico  
Oil Conservation Commission  
OCT 7 11 58

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P. O. BOX 2045  
HOBBS

October 5, 1960

Mr. Daniel S. Nutter  
Chief Engineer  
Oil Conservation Commission  
Post Office Box 871  
Santa Fe, New Mexico

Dear Dan:

Pursuant to your letter of September 29 concerning the nomenclature of the Vogel and Brown wells in the Lynch area, I made a detailed study of the structure of this area and found that the wells in question should be placed in the Lynch Pool. Following are my recommendations for solving this problem:

DELETION OF ACREAGE FROM MIDDLE LYNCH POOL

Section 15: W/2 SW/4  
Section 16: SE/4  
Section 21: E/2 NW/4, S/2 NE/4, and SE/4  
Section 22: W/2 NW/4, SW/4, and W/2 SE/4

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R-34E

EXTENSION OF ACREAGE TO THE LYNCH POOL

Section 22: S/2 S/2  
Section 26: SW/4, W/2 NW/4, and SE/4 NW/4  
Section 27: N/2  
Section 28: E/2 SW/4

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Enclosed are four plats and a structure map. The area of extension to the Lynch pool was determined by the closure on the structure map. Plat (1) shows the proposed area of deletion and the remaining pool boundary for the Middle Lynch Pool. Plat (2) shows the proposed extension to the Lynch Pool and the present Lynch Pool boundaries. Plat (3) shows both the Middle Lynch and Lynch Pools boundaries after the deletions and extensions. Plat (4) shows the present pool boundaries.

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There are a few wells in the Lynch Pool which are completed into the top of the Seven Rivers formation. Most of these completions are open hole. The vertical limit of the Lynch and Middle Lynch Pools is the Yates formation.

In the event that you agree with my recommendations, I shall advertise them for the November hearing.

Very truly yours,

John W. Runyan  
Geologist, District I

JWR:mg  
Copy to  
J. D. Ramey - Proration Manager