

Artesia, New Mexico
February 6, 1948

Mr. R. R. Spurrier
New Mexico Oil Conservation Commission
Box 871
Santa Fe, New Mexico

TO advertise

Dear Sir:

At a meeting in Hobbs on February 4, 1948, the New Mexico Nomenclature Committee voted to make the following recommendations to the Oil Conservation Commission:

- ✓ 1. Create a new pool to be designated as the Watkins-Grayburg Pool and to embrace the $S\frac{1}{2}$ of Section 31-18S-32E, and the $N\frac{1}{2}$ of Section 6-19S-32E, Lea County. The discovery well of this Pool is the Peckham and Clarke No. 1 Hightower, located in the $SE\frac{1}{4}SW\frac{1}{4}$ of Section 31, which is producing from a Grayburg Sand encountered from 4228 to 4252'. The recommended boundaries of this new pool are the same as the Watkins Pool which is producing from the Seven Rivers.
- ↙ 2. Create a new pool to be designated as the Grayburg-Keely Pool and to embrace the $S\frac{1}{2}$ of Section 22, $S\frac{1}{2}$ of Section 23, All of Sections 26 and 27-17-S-29E, Eddy County. The discovery well of this pool is the Western Production Company No. 27 Keely "C", located in the $SW\frac{1}{4}NW\frac{1}{4}NW\frac{1}{4}$ of Section 26-17S-29E, Eddy County, which is producing from a zone of porosity encountered from 3296 to 3322'. This zone is below and considered separate from the regular producing horizon of the Grayburg-Jackson Pool.
- ↗ ✓ 3. Create a new pool to be designated as the Monument-Paddock Pool and to embrace all of Section 36-19S-36E, All of Section 31-19S-37E, All of Section 1-20S-36E, and all of Section 6-20S-37E, Lea County. The discovery well of this Pool is the Amerada Petroleum Corporation No. 5 Phillips, located in the $NE\frac{1}{4}NE\frac{1}{4}$ of Section 1-20S-36E, which is producing from perforations in the casing from 5180 to 5200' and 5215 to 5218'. This well is producing from the "Paddock" zone which is below and considered a separate reservoir from the regular producing horizon in the Eunice-Monument Pool.
- ✓ 4. Extend the Brunson Pool to include all of Section 28-21S-37E, Lea County.
- ✓ 5. Extend the Paddock pool to include the $S\frac{1}{2}$ of Section 34 and the $N\frac{1}{2}$ of Section 35-21S-37E, Lea County.
- ✓ 6. Extend the Artesia Pool to include the $E\frac{1}{2}$ of Section 2-18S-28E, Eddy County.
- ✓ 7. Extend the Roberts Pool to include the $SE\frac{1}{4}$ of Section 1, and the $NE\frac{1}{4}$ of Section 12-17S-32E, Lea County. To further extend the Roberts Pool to include all of the presently defined West Roberts Pool which covers the $SW\frac{1}{4}$ of Section 1, $S\frac{1}{2}$ of Section 2, $S\frac{1}{2}$ of Section 3, $N\frac{1}{2}$ of Section 10, All of Section 11, $W\frac{1}{2}$ of Section 12-17S-32E, Lea County, and to completely/delete the West Roberts Pool. The Roberts Pool would then include the following acreage: $S\frac{1}{2}$ of Section 1, $S\frac{1}{2}$ of Section 2, $S\frac{1}{2}$ of Section 3, $N\frac{1}{2}$ of Section 10,

✓ All Section $N\frac{1}{2}$ and $SW\frac{1}{4}$ of Section 12-17S-3, $S\frac{1}{2}$ of Section 6, $N\frac{1}{2}$ of Section 7-17S-33E. Lea County. All wells within this area are now considered to be producing from a common reservoir.

- ✓ 8. Extend the Square Lake Pool to include the $S\frac{1}{2}N\frac{1}{2}$ of Section 11-17S-30E, Eddy County.
- ✓ 9. Extend the Bowers Pool to include the $SW\frac{1}{4}$ of Section 31-18S-38E; $N\frac{1}{2}$ of Section 5 and $N\frac{1}{2}$ of Section 6-19S-38E, Lea County.

10. Delete from the Empire Pool the $S\frac{1}{2}$ of Section 33, All Section 34-17S-27E; $W\frac{1}{2}$ of Section 3, All of Section 4 and 5, $E\frac{1}{2}$ of Section 6, $E\frac{1}{2}$ of Section 7, All of Section 8, $W\frac{1}{2}$ and $NE\frac{1}{4}$ of Section 9-18S-27E; $SE\frac{1}{4}$ of Section 19-17S-28E, Eddy County. This would leave the Empire Pool defined as follows: $S\frac{1}{2}$ of Section 13, All Sections 24 and 25, $E\frac{1}{2}$ of Section 26, All Sections 35 and 36-17S-27E; $S\frac{1}{2}$ of Section 18, $N\frac{1}{2}$ and $SW\frac{1}{4}$ of Section 19, $W\frac{1}{2}$ of Section 30-17S-28E; $N\frac{1}{2}$ and $SW\frac{1}{4}$ of Section 2, $E\frac{1}{2}$ of Section 3-18S-27E. It is further recommended that the newly defined Empire Pool be designated to include the production found in the Yates-Seven Rivers formations only.

11. Extend the Red Lake Pool to include the $S\frac{1}{2}$ of Section 19, $W\frac{1}{2}$ of Section 30, $NW\frac{1}{4}$ of Section 31-17S-28E; $S\frac{1}{2}$ and $NE\frac{1}{4}$ of Section 25, $S\frac{1}{2}$ of Section 34, All Sections 35 and 36-17S-27E; $N\frac{1}{2}$ and $SW\frac{1}{4}$ of Section 2, All Sections 3-4-5 and 6, $E\frac{1}{2}$ of Section 7, All Section 8, $W\frac{1}{2}$ and $NE\frac{1}{4}$ of Section 9-18S-27E, Eddy County. It is further recommended that the Red Lake Pool be designated to include the production found in the Grayburg-San Andres formations only.

12. Delete from the Red Lake Pool the $S\frac{1}{2}$ of Section 24, and all Section 25-17S-28E, Eddy County.

13. Create a new pool to be designated as the Aid Pool and to embrace the $S\frac{1}{2}$ of Section 24 and all Section 25-17S-28E, Eddy County. The wells in this area are producing from the Yates-Seven Rivers formations, which is not considered a common reservoir with the productive zones in the Red Lake Pool.

Respectfully submitted,

Wilton E. Scott, Chairman
New Mexico Nomenclature Committee

Distributed by
LEA COUNTY OPERATORS COMMITTEE
HOBBS, NEW MEXICO
FEBRUARY 10, 1948