

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION
OF PHILLIPS PETROLEUM COMPANY FOR
AN ORDER EXTENDING THE HORIZONTAL
LIMITS OF THE RANGER LAKE-PENNSYL-
VANIAN POOL IN TOWNSHIP 12 SOUTH,
RANGE 34 EAST, LEA COUNTY, NEW
MEXICO, AND ESTABLISHING 80 ACRE
DRILLING UNITS AND OTHER SPECIAL
RULES AND REGULATIONS FOR SAID
POOL.

CASE NO. 1598

A P P L I C A T I O N

Phillips Petroleum Company makes this application for an order extending the horizontal limits of the Ranger Lake-Pennsylvanian Pool in Township 12 South, Range 34 East, Lea County, New Mexico, and establishing 80 acre drilling units and other Special Rules and Regulations for said pool, and in support of the application states:

1.

According to the Commission's Southeast Pool Nomenclature, the Ranger Lake-Pennsylvanian Pool is presently described horizontally as the E/2 and E/2 of NW/4 of Section 23, the NW/4 of NW/4 of Section 25, and the N/2 of NE/4 of Section 26 in said Township and Range, said designation having been established by this Commission by its Orders R-928, R-1042, and R-1118.

2.

Applicant is the owner (with Texas Pacific Coal and Oil Company) and is the operator of four oil wells recently completed and producing from the Pennsylvanian formation in, and in the vicinity of, the Ranger Lake-Pennsylvanian Pool as presently described and located in said Township and Range as follows:

- (1). SE/4 of SE/4 of Section 23, being the discovery well in said pool known as the Phillips-Texas Pacific No. 1 West Ranger Unit Well, completed through casing perforation from 10,312 to 10,351 feet.
- (2). NW/4 of SE/4 of Section 23.
- (3). SE/4 of NW/4 of Section 23.
- (4). NW/4 of NW/4 of Section 25.

3.

Two other wells have been drilled into the Pennsylvanian formation in, and in the vicinity of, the Ranger Lake-Pennsylvanian Pool as presently described, one being a producing oil well located in the SW/4 of SW/4 of Section 24 of said Township and Range, and the other being a non-commercial and plugged and abandoned well located in the NW/4 of SW/4 of said Section 24, both drilled by Gordon M. Cone.

4.

It now appears from the information obtained from the drilling, completion, and production of the aforesaid wells that the Pennsylvanian formation will probably be productive of oil in at least the W/2 of W/2 of

Section 13; all of Sections 14, 15, 22, 23, 26 and 27; W/2 of NW/4 and SW/4 of SW/4 of Section 24; and W/2 of W/2 of Section 25 of Township 12 South, Range 34 East, Lea County, New Mexico. Applicant requests the Commission to extend the horizontal limits of the Ranger Lake-Pennsylvanian Pool at this time so that said Pool shall include the area described in this paragraph.

5.

Of the area hereinabove stated to be probably productive of oil in the Pennsylvanian formation and requested by applicant to be included in the Ranger Lake-Pennsylvanian Pool, the following is State Land subject to the control of the Commissioner of Public Lands of the State of New Mexico and is designated as the West Ranger Unit Area:

All of Section 23;

W/2 of NW/4 of Section 24;

NW/4 of Section 25;

All of Section 26.

Applicant is the operator and Texas Pacific Coal and Oil Company is the sole non-operating interest owner of said West Ranger Unit Area. The West Ranger Unit Agreement was approved by this Commission by its Order No. R-797 in Case No. 1057, dated April 27, 1956, and by the Commissioner of Public Lands on May 2, 1956.

6.

Applicant further requests that the Commission enter its order establishing 80 acre drilling units for said pool, each unit to be half

of a quarter section of the United States Land Surveys and the well thereon to be located in the center of one of the two 40-acre quarter quarter sections comprising the unit, with a tolerance allowance of up to 150 feet in any direction from the center of the quarter quarter section when such tolerance is necessary in order to avoid structures or natural obstructions rendering drilling impossible or impracticable.

7.

Such spacing of wells as herein requested will insure orderly development of said pool, protect correlative rights and prevent possible waste.

8.

Applicant further requests that the Commission enter such other Special Rules and Regulations for the Ranger Lake-Pennsylvanian Pool as it shall deem proper and justified in view of the evidence to be presented at the hearing herein requested.

9.

The other operators owning interests in the Ranger Lake-Pennsylvanian Pool as its horizontal limits are sought by this application to be extended, and who are therefore all of the parties interested in this application, so far as is known to applicant, are as follows:

- (1). Texas Pacific Coal and Oil Company
P. O. Box 2110
Fort Worth, Texas
- (2). Gulf Oil Corporation
Petroleum Building
Roswell, New Mexico

- (3). H. J. Porter
Gulf Building
Houston, Texas
- (4). The Ohio Oil Company
Midland National Bank Building
Midland, Texas
- (5). Tide Water Oil Company
Petroleum Life Building
Midland, Texas
- (6). The Pure Oil Company
J. P. White Building
Roswell, New Mexico
- (7). Continental Oil Company
Petroleum Building
Roswell, New Mexico
- (8). Magnolia Petroleum Company
1116 West First Street
Roswell, New Mexico
- (9). Humble Oil and Refining Company
First National Bank Building
Roswell, New Mexico
- (10). Monsanto Chemical Company
602 West Missouri
Midland, Texas
- (11). Pacific Western Oil Company
C/o Tide Water Oil Company
Petroleum Life Building
Midland, Texas
- (12). Joseph I. O'Neill, Jr.
410 West Ohio
Midland, Texas
- (13). Gordon M. Cone
Lovington, New Mexico
- (14). Vickers Petroleum Corporation
P. O. Box 2240
Wichita 1, Kansas

WHEREFORE, Phillips Petroleum Company, the applicant herein,
prays the Commission to set this application for a public hearing before

an Examiner at such time and place as the Commission may designate and that notices be issued according to law, and that after such hearing this application be in all things granted. Pursuant to Rule 1203 of the Rules and Regulations of this Commission, applicant states that it prefers that the hearing be held at as early a date as may be convenient for the Commission and at such place as will allow the earliest possible setting.

Respectfully submitted,

PHILLIPS PETROLEUM COMPANY

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