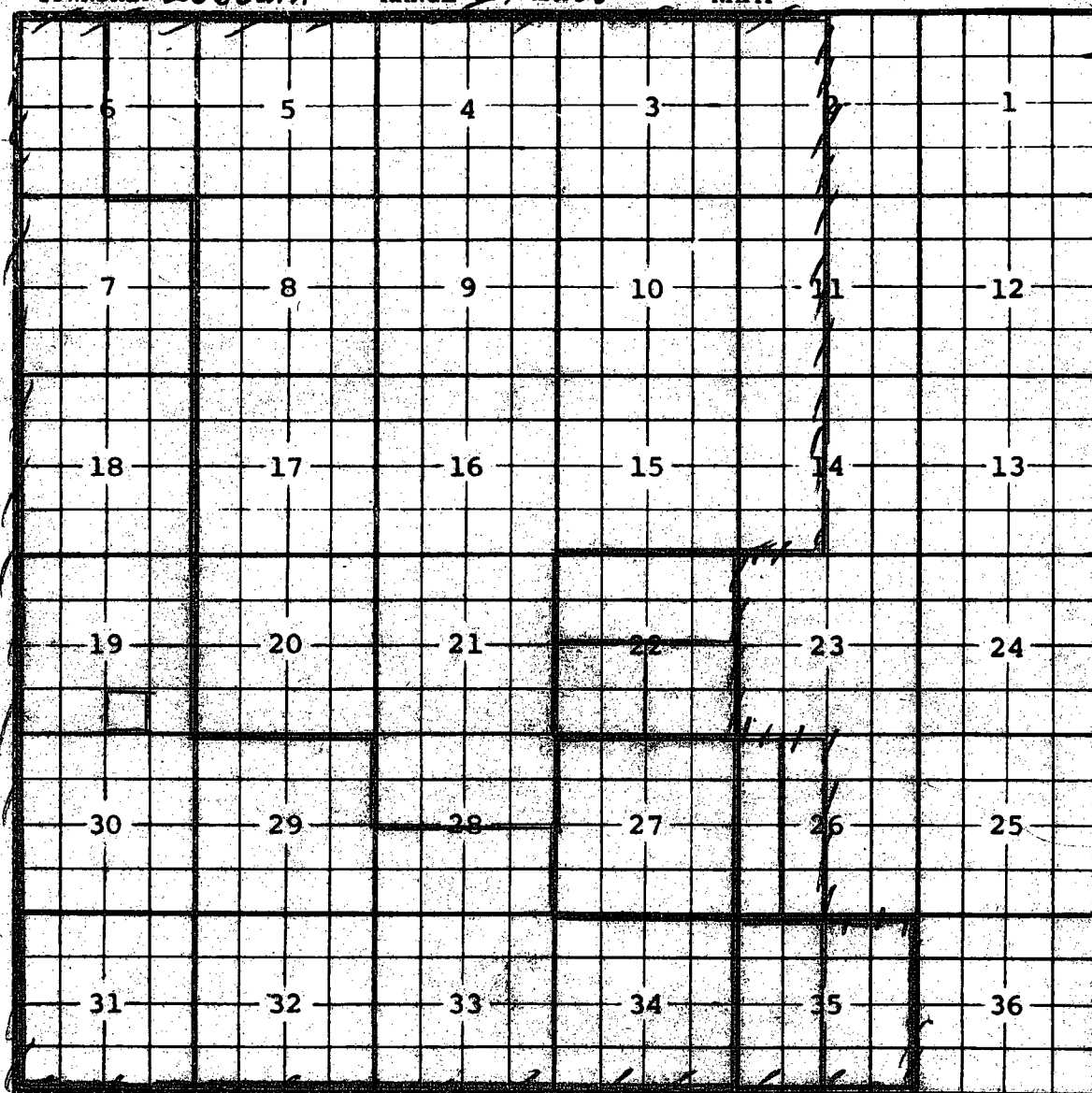


COUNTY LeaPOOL Langlie-MattixProducing Interval
Lower 100' of SR,
Q & QTOWNSHIP 23 SouthRANGE 37 East

NMPM

Defined: $\frac{W}{2}$ Sec. 6; All Secs. 7, 18, 19; $\frac{S}{2}$ Sec. 28; All Secs. 29 thru 34 (R-50, 1-1-50)Ext: $\frac{W}{2}$ Sec. 35 (R-170, 5-27-50) - $\frac{E}{2}$ Sec. 35 (R-124, 1-8-52) - All Sec. 27 (R-106, 3-20-52)7 $\frac{W}{2}$ Sec. 26 (R-175, 7-24-52) - $\frac{E}{2}$ $\frac{W}{2}$ Sec. 26 (R-561, 12-16-54) - $\frac{W}{2}$ Sec. 2;All Secs. 3, 4, 5; $\frac{E}{2}$ Sec. 6; All Secs. 8, 9, 10; $\frac{W}{2}$ Sec. 11; $\frac{W}{2}$ Sec. 14; All Secs. 15, 16, 17, 20, 21;2 Sec. 28 (R-767-A, 4-1-56) - $\frac{N}{2}$ Sec. 22 (R-1424, 7-1-59) - $\frac{SW}{4}$ Sec. 22 (R-1466, 9-1-59)

2 Sec. 22 (R-1509, 11-1-59) - Extend Vertical limits to include Grapburg formation (R-4423, 11-1-72)

□ Vertical limits extended to a subsurface depth of 3362 feet 599 $\frac{SW}{4}$ Sec. 1 (R-6618, 3-6-81)

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE NO. 4848
Order No. R-4423

THE APPLICATION OF THE OIL CONSERVATION
COMMISSION UPON ITS OWN MOTION FOR AN
ORDER CREATING, CONTRACTING, AND EXTEND-
ING VERTICAL AND HORIZONTAL LIMITS OF
CERTAIN POOLS IN LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on October 17, 1972, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 27th day of October, 1972, the Commission, a quorum being present, 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 Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That there is need for the creation of a new gas pool in Lea County, New Mexico, for the production of gas from the San Andres formation, said pool to bear the designation of Hare-San Andres Gas Pool. Said Hare-San Andres Gas Pool was discovered by the Shell Oil Company Turner Well No. 16, located in Unit M of Section 22, Township 21 South, Range 37 East, NMPM. It was completed in the San Andres formation on June 2, 1972. The top of the perforations is at 4004 feet.
- (3) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Wolfcamp formation, said pool to bear the designation of Hightower-Wolfcamp Pool. Said Hightower-Wolfcamp Pool was discovered by the Blackrock Oil Company State CY Well No. 1, located in Unit M of Section 30, Township 12 South, Range 34 East, NMPM. It was completed in the Wolfcamp formation on August 28, 1972. The top of the perforations is at 9326 feet.
- (4) That there is need for the creation of a new gas pool in Lea County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of West Sombrero-Atoka Gas Pool. Said West Sombrero-Atoka Gas Pool was discovered by the Thunderbird Oil Corporation Bell "15"

State Well No. 1, located in Unit L of Section 15, Township 16 South, Range 33 East, NMPM. It was completed in the Atoka formation on July 26, 1972. The top of the perforations is at 12,865 feet.

(5) That there is need for the contraction of the Arrowhead-Grayburg Pool in Lea County, New Mexico, by the deletion of certain acreage which overlaps with the Langlie-Mattix Pool.

(6) That there is need for the contraction of the Eumont Gas Pool in Lea County, New Mexico, by the deletion of certain acreage in order that the deleted acreage may be placed in the Langlie-Mattix Pool for nomenclature correction.

(7) That there is need for the contraction of the Bagley-Pennsylvanian Pool in Lea County, New Mexico, by the deletion of certain acreage which is dedicated to a well producing in the North Bagley-Pennsylvanian Pool. Said deleted acreage shall be placed in the North Bagley-Pennsylvanian Pool.

(8) That there is need for the extension of the vertical limits of the Langlie Mattix Pool in Lea County, New Mexico, to include the Grayburg formation.

(9) That there is need for certain extensions to the North Bagley-Pennsylvanian Pool, the Blinebry Oil Pool, the Flying "M"-San Andres Pool, the Fowler-Upper Paddock Gas Pool, the Langlie Mattix Pool, the North Lynch Yates-Seven Rivers Pool, the Querecho Plains-Queen Pool, the North Skaggs-Drinkard Gas Pool, the Townsend-Morrow Gas Pool, the North Vacuum-Abo Pool, and the Vada-Pennsylvanian Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

(a) That a new pool in Lea County, New Mexico, classified as a gas pool for San Andres production, is hereby created and designated as the Hare-San Andres Gas Pool, consisting of the following described area:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
Section 22: SW/4

(b) That a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production, is hereby created and designated as the Hightower-Wolfcamp Pool, consisting of the following described area:

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM
Section 30: SW/4

(c) That a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production, is hereby created and

designated as the West Sombrero-Atoka Gas Pool, consisting of the following described area:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM
Section 15: W/2

(d) That the Arrowhead-Grayburg Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following described area:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
Section 19: All
Section 20: W/2

(e) That the Eumont Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following described area:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
Section 20: W/2 NW/4 and NW/4 SW/4

(f) That the vertical limits of the Langlie Mattix Pool in Lea County, New Mexico, are hereby extended to include the Grayburg formation. Also, said Langlie Mattix Pool, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
Section 20: W/2 NW/4 and NW/4 SW/4

(g) That the Bagley-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following described area:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
Section 34: NW/4

(h) That the North Bagley-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
Section 34: NW/4

(i) That the Blinebry Oil Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM
Section 25: SW/4

(j) That the Flying "M"-San Andres Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
Section 8: E/2
Section 30: SE/4

(k) That the Fowler-Upper Paddock Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
Section 15: NW/4
Section 22: S/2 and NW/4

(l) That the North Lynch Yates-Seven Rivers Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM
Section 19: NE/4

(m) That the Querecho Plains-Queen Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM
Section 27: S/2

(n) That the North Skaggs-Drinkard Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 8: N/2 NW/4

(o) That the Townsend-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM
Section 16: W/2

(p) That the North Vacuum-Abo Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
Section 1: SE/4
Section 3: SW/4

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM
Section 29: NW/4
Section 31: NE/4

Case No. 4848
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(q) That the Vada-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
Section 12: SE/4

TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM
Section 7: NW/4

IT IS FURTHER ORDERED:

(1) That, pursuant to Section 65-3-14.5, NMSA 1953, contained in Chapter 271, Laws of 1969, any well which, by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one which is presently dedicated thereto, shall have 60 days from the effective date of this order in which to file new Forms C-102 dedicating a standard unit for the pool to said well, or to obtain a non-standard unit approved by the Commission. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Forms C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Commission within said 60-day period shall subject the well to cancellation of allowable.

(2) That the effective date of this order and all creations, contractions, and extensions of vertical and horizontal limits included herein shall be November 1, 1972.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

BRUCE KING, Chairman

ALEX J. ARMIJO, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

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