

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE No. 2494
Order No. R-2187

THE APPLICATION OF THE OIL
CONSERVATION COMMISSION UPON
ITS OWN MOTION FOR AN ORDER
CREATING, CHANGING POOL NAME,
ABOLISHING, DELETING AND
EXTENDING CERTAIN POOLS IN
EDDY, CHAVES, ROOSEVELT AND
LEA COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on February 14, 1962, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 21st day of February, 1962, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, 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 pool in Lea County, New Mexico, for the production of gas from the Devonian formation, said pool to bear the designation North Bell Lake-Devonian Gas Pool. Said North Bell Lake-Devonian Gas Pool was discovered by Continental Oil Company, Bell Lake Unit No. 6 located in the SE/4, Unit O, of Section 6, Township 23 South, Range 34 East, NMPM. It was completed June 8, 1960. The top of perforations is 14,568 feet.

(3) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation Cedar Lake-Morrow Gas Pool. Said Cedar Lake-Morrow Gas Pool was discovered by Odessa Natural Gasoline Company, El Paso State No. 1 located in the NE/4, Unit A, of Section 36, Township 17 South, Range 30 East, NMPM. It was completed February 11, 1961. The top of perforations is 11,357 feet.

-2-

CASE NO. 2494

Order No. R-2187

(4) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Seven Rivers formation, said pool to bear the designation East Empire Yates-Seven Rivers Pool. Said East Empire Yates-Seven Rivers Pool was discovered by John A. Yates, Lois Mae State No. 1, located in the S/2, Unit K of Section 27, Township 17 South, Range 28 East, NMPM. It was completed June 22, 1961. The top of perforations is 786 feet.

(5) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Devonian formation, said pool to bear the designation North Justis-Devonian Pool. Said North Justis-Devonian Pool was discovered by Shell Oil Company, State JM No. 1, located in the NE/4, Unit B of Section 2, Township 25 South, Range 37 East, NMPM. It was completed December 11, 1961. The top of perforations is 7064 feet.

(6) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Delaware formation, said pool to bear the designation East Mason-Delaware Pool. Said East Mason-Delaware pool was discovered by Robert N. Enfield, Ohio State No. 1, located in the SW/4, Unit K of Section 16, Township 26 South, Range 32 East NMPM. It was completed December 1, 1961. The top of perforations is 4443 feet.

(7) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Queen formation, said pool to bear the designation West McMillan Seven Rivers-Queen Pool. Said West McMillan Seven Rivers-Queen Pool was discovered by Hondo Oil & Gas Company, Federal M, No. 1, located in the SE/4, Unit J of Section 11, Township 20 South, Range 26 East, NMPM. It was completed September 19, 1961. The top of perforations is 520 feet.

(8) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Seven Rivers formation, said pool to bear the designation Palmillo-Seven Rivers Pool. Said Palmillo-Seven Rivers Pool was discovered by John A. Yates, Campbell Gwaltney No. 1, located in the NW/4, Unit D of Section 18, Township 19 South, Range 29 East, NMPM. It was completed September 2, 1960. The top of perforations is 1258 feet.

(9) That the need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Bone Springs formation, said pool to bear the designation Quail Ridge-Bone Springs Pool. Said Quail Ridge-Bone Springs Pool was discovered by El Paso Natural Gas Company, Mescalero Ridge Unit No. 1, located in the NW/4, Unit D of Section 21, Township 19 South, Range 34 East, NMPM. It was completed October 17, 1961. The top of perforations is 10,118 feet.

(10) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation North Quail Ridge-Morrow Gas Pool. Said North Quail Ridge-Morrow Gas Pool was discovered by El Paso Natural Gas Company, Mescalero Unit No. 1, located in the NE/4, Unit G of Section 7, Township 19 South, Range 34 East, NMPM. It was completed April 11, 1961.

-3-

CASE NO. 2494
Order No. R-2187

The top of perforations is 13,160 feet.

(11) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Pennsylvanian formation, said pool to bear the designation West Tonto-Pennsylvanian Gas Pool. Said West Tonto-Pennsylvanian Gas Pool was discovered by Pan American Petroleum Corporation, West Tonto Deep Unit No. 1, located in the NW/4, Unit E of Section 18, Township 19 South, Range 33 East, NMPM. It was completed on April 3, 1960. The top of perforations is 13,325 feet.

(12) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Bend formation, said pool to bear the designation North Williams-Pennsylvanian Pool. Said North Williams-Pennsylvanian Pool was discovered by Humble Oil & Refining Company, New Mexico State BL No. 1, located in the NW/4, Unit C of Section 16, Township 13 South, Range 32 East, NMPM. It was completed November 1, 1961. The top of perforations is 11,050 feet.

(13) That the name of the Greenwood-Wolfcamp Pool, Eddy County, New Mexico, should be changed to Shugart-Wolfcamp Pool, Eddy County, New Mexico, in order that both pools discovered by Pan American Petroleum Corporation, Greenwood Unit No. 3 in Unit H of Section 27, Township 18 South, Range 31 East, (dual completion) should have similar nomenclature.

(14) That there is need for the abolishment of the McMillan-Seven Rivers Pool as it lies wholly within the boundaries of another pool with the same vortical limits, the McMillan (Seven Rivers-Queen) Pool.

(15) That there is need for the deletion of certain portions of the Empire (Yates-Seven Rivers) Pool, Leo (Queen-Grayburg) Pool, Loco Hills-Queen Pool, and the Square Lake (Grayburg-San Andres) Pool, all in Eddy County, New Mexico.

(16) That there is need for certain extensions to the Artesia (Queen-Grayburg-San Andres) Pool, the Dog Canyon-Grayburg Pool, the Empire-Abo Pool, the Loco Hills-Abo Pool, the Loco Hills (Grayburg-San Andres) Pool, the East Millman-Seven Rivers Pool, the Parallel-Delaware Pool, the Russell (Yates) Pool, the Vandagriff Keyes Gas (Queen) Pool, the White City-Pennsylvanian Gas Pool, all in Eddy County, New Mexico, the Caprock-Queen Pool in Chaves County, New Mexico, the Milnesand-San Andres Pool in Roosevelt County, and the Anderson Ranch-Wolfcamp Pool, the Cruz-Delaware Pool, the Dollarhide-Queen Pool, the Drinkard Pool, the Jenkins-Wolfcamp Pool, the Lea-Devonian Pool, the Lusk-Strawn Pool, the Maljamar Pool, the Maljamar-Abo Pool, the Paduca-Delaware Pool, the Pearl-Queen Pool, and the North Skaggs-Drinkard Gas 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 Devonian production, is hereby created and designated as the North Bell Lake-Devonian Gas Pool, consisting of the following described area:

-4-

CASE NO. 2494

Order No. R-2187

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM
Section 6: SE/4

(b) That a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, is hereby created and designated as the Cedar Lake-Morrow Gas Pool, consisting of the following described area:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM
Section 36: NE/4

(c) That a new pool in Eddy County, New Mexico, classified as an oil pool for Seven Rivers production, is hereby created and designated as the East Empire Yates-Seven Rivers Pool, consisting of the following described area:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
Section 27: S/2

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

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
Section 2: NE/4

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

TOWNSHIP 26 SOUTH, RANGE 32 EAST, NMPM
Section 16: SW/4

(f) That a new pool in Eddy County, New Mexico, classified as an oil pool for Queen production, is hereby created and designated as the West McMillan Seven Rivers-Queen Pool, consisting of the following described area:

TOWNSHIP 20 SOUTH, RANGE 26 EAST, NMPM
Section 11: SE/4

(g) That a new pool in Eddy County, New Mexico, classified as an oil pool for Seven Rivers production, is hereby created and designated as the Palmillo-Seven Rivers Pool, consisting of the following described area:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM
Section 18: NW/4

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

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
Section 21: NW/4

-5-

CASE NO. 2494

Order No. R-2187

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

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
Section 7: NE/4

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

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM
Section 18: NW/4

(k) That a new pool in Lea County, New Mexico, classified as an oil pool for Bend Production, is hereby created and designated as the North Williams-Pennsylvanian Pool, consisting of the following described area:

TOWNSHIP 13 SOUTH, RANGE 32 EAST, NMPM
Section 16: NW/4

(l) That the name of the Greenwood-Wolfcamp Pool, Eddy County, New Mexico, be changed to Shugart-Wolfcamp Pool, Eddy County, New Mexico, in order that both pools discovered by Pan American Petroleum Corporation, Greenwood Unit No. 3 in Unit H should have similar nomenclature. Said pool shall comprise the following described acreage:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
Section 27: NE/4

(m) That the McMillan-Seven Rivers Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, and consisting of the following described area:

TOWNSHIP 19 SOUTH, RANGE 27 EAST, NMPM
Section 31: E/2 SE/4 & SE/4 NE/4
Section 32: SW/4 & S/2 NW/4

is hereby abolished.

(n) That the Empire (Yates-Seven Rivers) Pool, in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following described area:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
Section 16: All
Section 17: S/2
Section 20: N/2
Section 21: W/2 & SE/4

-6-

CASE NO. 2494

Order No. R-2187

(o) That the Leo (Queen-Grayburg) Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following described area:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM

Section 12: S/2 SW/4

Section 13: W/2

Section 14: SE/4

Section 16: S/2

Section 21: NW/4

Section 23: E/2

(p) That the Loco Hills-Queen Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following described area:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM

Section 30: SE/4

(q) That the Square Lake (Grayburg-San Andres) Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following described area:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM

Section 9: SW/4 & W/2 SE/4

(r) That the Anderson Ranch-Wolfcamp Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 15 SOUTH, RANGE 32 EAST, NMPM

Section 28: S/2 SW/4

(s) That the Artesia (Queen-Grayburg-San Andres) Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM

Section 32: NE/4

(t) That the Caprock-Queen Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 13 SOUTH, RANGE 31 EAST, NMPM

Section 10: SE/4

(u) That the Cruz-Delaware Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 SOUTH, RANGE 32 EAST, NMPM

Section 24: SE/4

(v) That the Dog Canyon-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

-7-

CASE NO. 2494

Order No. R-2187

TOWNSHIP 16 SOUTH, RANGE 27 EAST, NMPM

Section 27: SW/4 NE/4

Section 34: NW/4 NW/4

(w) That the Dollarhide-Queen 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 24: NE/4

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

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM

Section 19: SE/4 SW/4

Section 30: E/2 NW/4

(y) That the Empire-Abo Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM

Section 29: N/2 SW/4

Section 30: S/2 NE/4

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM

Section 16: NW/4 SE/4

(z) That the Jenkins-Wolfcamp Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM

Section 10: N/2 NW/4

(aa) That the Lea-Devonian 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 11: SE/4

(bb) That the Loco Hills-Abo Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM

Section 21: SE/4

(cc) That the Loco Hills (Grayburg-San Andres) Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM

Section 19: E/2 SE/4

-8-

CASE NO. 2494

Order No. R-2187

(dd) That the Lusk-Strawn Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
Section 20: NW/4

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

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM
Section 32: SE/4

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

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM
Section 28: E/2

(gg) That the East Millman-Seven Rivers Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
Section 28: NE/4

(hh) That the Milnesand-San Andres Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM
Section 13: S/2 NE/4

(ii) That the Paduca-Delaware Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM
Section 10: W/2 NE/4
Section 28: N/2 SW/4

(jj) That the Parallel-Delaware Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 31 EAST, NMPM
Section 26: NW/4
Section 27: NE/4

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

-9-

CASE NO. 2494

Order No. R-2187

TOWNSHIP 20 SOUTH, RANGE 35 EAST, NMPM

Section 9: NW/4 NW/4

(ll) That the Russell (Yates) Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM

Section 22: SE/4 SE/4

Section 27: E/2 NE/4

(mm) 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 5: SW/4

(nn) That the Vandagriff Keyes (Queen) Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM

Section 33: NE/4

(oo) That the White City-Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM

Section 20: E/2

IT IS FURTHER ORDERED:

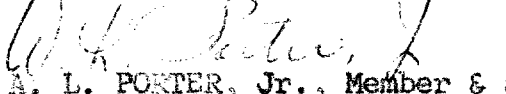
That the effective date of this order and all creations, change of pool names, abolishments, deletions and extensions included herein shall be March 1, 1962.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


EDWIN L. MECHEM, Chairman


E. S. WALKER, Member


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

