

*Entered November 7, 1961
G.L.P.*

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. 2401
Order No. R-2101

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on October 18, 1961, at Roswell, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 23rd day of October, 1961, 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 oil from the Ellenburger formation, said pool to bear the designation North Justis-Ellenburger Pool. Said North Justis-Ellenburger Pool was discovered by Texaco, Inc., G. L. Erwin (b) NCT-2 No. 1, located in the SE/4 of Section 35, Township 24 South, Range 37 East, NMPM and in

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Unit P. It was completed August 15, 1961. The top of perforations is at 8458 feet.

(3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Fussleman formation, said pool to bear the designation North Justis-Fussleman Pool. Said North Justis-Fussleman Pool was discovered by J. C. Williamson, Westates Federal No. 4, located in the NW/4, Unit E, of Section 1, Township 25 South, Range 37 East, NMPM. It was completed June 24, 1961. The top of perforations is at 7000 feet.

(4) 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 Lea-Pennsylvanian Gas Pool. Said Lea-Pennsylvanian Gas Pool was discovered by United States Smelting, Refining and Mining Company, Federal No. 1, located in the NW/4, Unit F, of Section 11, Township 20 South, Range 34 East, NMPM. It was completed April 4, 1961. The top of perforations is at 13,034 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 Medicine Rock-Devonian Pool. Said Medicine Rock-Devonian Pool was discovered by Sinclair Oil and Gas Company, C. S. Stone No. 1, located in the NE/4, Unit G, of Section 22, Township 15 South, Range 38 East, NMPM. It was completed July 28, 1961. The top of perforations is at 12,740 feet.

(6) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Delaware formation, said pool to bear the designation Parallel-Delaware Pool. Said Parallel-Delaware Pool was discovered by Perry R. Bass, Federal Cobb Well No. 1, located in the SW/4, Unit M, of Section 23, Township 20 South, Range 31 East, NMPM. It was completed June 24, 1953. The top of perforations is at 7003 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 Delaware formation, said pool to bear the designation Pecos-Delaware Pool. Said Pecos-Delaware Pool was discovered by Curtis Hankamer, Gulf Federal Well No. 1, located in the NE/4 NE/4 and Lot 4, Unit H of Section 34, Township 26 South, Range 29 East, NMPM. It was completed August 1, 1961. The depth to casing shoe is at 2899 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 Delaware formation, said pool to bear the designation Quahada Ridge-Delaware Pool. Said Quahada Ridge-Delaware Pool was discovered by Perry R. Bass, Legg Well No. 1, located in the E/2, Unit B, of Section 27, Township 22 South, Range 30 East, NMPM. It was completed May 8, 1952. The top of perforations is at 6112 feet.

(9) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation South Salt Lake-Atoka Gas Pool. Said South Salt Lake-Atoka Gas Pool was discovered by Texaco Inc., N. M. State "CH" Well No. 1, located in the E/2, Unit H, of Section 36, Township 20 South, Range 32 East, NMPM. It was completed March 13, 1960. The top of perforations is at 12,640 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 South Salt Lake-Morrow Gas Pool. Said South Salt Lake-Morrow Gas Pool was discovered by Texaco Inc., A. Richards Well No. 1, located in the SE/4, Unit P, of Section 25, Township 20 South, Range 32 East, NMPM. It was completed January 20, 1958. The top of perforations is at 12,909 feet.

(11) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Bone Springs formation, said pool to bear the designation Shugart-Bone Springs Pool. Said Shugart-Bone Springs Pool was discovered by Pan American Petroleum Corporation, Greenwood Unit Well No. 3, located in the NE/4, Unit H, of Section 27, Township 18 South, Range 31 East, NMPM. It was completed April 6, 1961. The top of perforations is at 8135 feet.

(12) That the proposed creation of a new pool in Section 27, Township 18 South, Range 31 East, Eddy County, New Mexico, for the production of oil from the Wolfcamp formation be dismissed pending further study.

(13) That there is need for the deletion of certain portions of the Cave Pool, Eddy County, New Mexico, and the Square Lake Pool, Eddy County, New Mexico. There is also need for the abolishment of the Caudill-Pennsylvanian Pool and the South Salt Lake-Pennsylvanian Gas Pool, both in Lea County, New Mexico.

(14) That there is need for the extension of the vertical limits of the Caudill-Wolfcamp pool to include the Pennsylvanian due to non-commercial pay zones in the Pennsylvanian. This pool shall be renamed the Caudill-Permo Penn. Pool.

(15) That there is need for certain extensions to the Atoka-Pennsylvanian Gas Pool, the Cave Pool, the Crawford-Pennsylvanian Gas Pool, the Culwin-Queen Pool, the West Henshaw-Grayburg Pool, the Loco Hills Pool, the Robinson-Grayburg Pool, the Square Lake Pool, and the Vandagriff-Keys Gas Pool, all in Eddy County, New Mexico, to the Allison-Pennsylvanian Pool, the Anderson Ranch-Wolfcamp Pool, the Corbin-Abo Pool, the Culwin-Queen Pool, the South Eunice Pool, the Lea-Bone Springs Pool, the Pearl-Queen Pool, the Tubb Gas Pool, and the Vacuum Grayburg-San Andres Pool, all in Lea County, New Mexico, and to the Allison-Pennsylvanian Pool and the Milnesand-San Andres Pool, both in Roosevelt County, New Mexico.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
Section 35: SE/4

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

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
Section 1: NW/4

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

TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM
Section 11: NW/4

(d) That a new pool in Lea County, New Mexico, classified as an oil pool for Devonian production, is hereby created and

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designated as the Medicine Rock-Devonian Pool, consisting of the following described area:

TOWNSHIP 15 SOUTH, RANGE 38 EAST, NMPM

Section 22: NE/4

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

TOWNSHIP 20 SOUTH, RANGE 31 EAST, NMPM

Section 23: SW/4

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

TOWNSHIP 26 SOUTH, RANGE 29 EAST, NMPM

Section 34: Lot 4 and NE/4 NE/4

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

TOWNSHIP 22 SOUTH, RANGE 30 EAST, NMPM

Section 27: E/2

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

TOWNSHIP 20 SOUTH, RANGE 32 EAST, NMPM

Section 36: E/2

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM

Section 31: S/2

(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 South Salt Lake-Morrow Gas Pool, consisting of the following described area:

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TOWNSHIP 20 SOUTH, RANGE 32 EAST, NMPM

Section 25: SE/4

Section 36: E/2

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM

Section 31: S/2

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

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM

Section 27: NE/4

(k) That the proposed creation of a new pool in Eddy County, New Mexico, classified as an oil pool for Wolfcamp production, designated as the Shugart-Wolfcamp Pool, consisting of the following described area:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM

Section 27: NE/4

is hereby dismissed.

(l) That the Cave 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 3: NW/4 NW/4

(m) That the Caudill-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined and described, and consisting of the following described area:

TOWNSHIP 15 SOUTH, RANGE 36 EAST, NMPM

Sections 4, 5, 8, and 9: All

is hereby abolished.

(n) That the South Salt Lake-Pennsylvanian Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described and consisting of the following described area:

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TOWNSHIP 20 SOUTH, RANGE 32 EAST, NMPM
Section 25: SE/4

is hereby abolished.

(o) That the Square Lake 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: NE/4 SE/4

(p) That the Allison-Pennsylvanian Pool in Lea and Roosevelt Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM
Section 25: SE/4

TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM
Section 32: NE/4 and S/2 NW/4
Section 33: N/2
Section 28: S/2 S/2

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM
Section 5: E/2

(q) 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: SE/4
Section 33: NE/4

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

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
Section 22: NW/4

(s) That the vertical limits of the Caudill-Wolfcamp Pool be extended to include the Pennsylvanian, and rename the Caudill-Wolfcamp Pool to be Caudill-Permo Penn. Pool.

(t) That the Cave 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 9: NE/4 SE/4

(u) That the Corbin-Abo 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
Section 34: SE/4

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

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
Section 6: SW/4

(w) That the Crawford-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 26: SW/4
Section 27: SE/4

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

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM
Section 5: N/2

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

TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMPM
Section 24: N/2

(z) That the West Henshaw-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby

extended to include therein:

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM

Section 1: SW/4

Section 2: NE/4 SE/4

Section 12: N/2 NW/4

(aa) That the Lea-Bone Springs 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 12: SE/4

(bb) That the Loco Hills 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 20: SE/4

Section 29: N/2 NW/4

Section 30: NE/4 NE/4

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM

Section 17: NW/4

(cc) 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

TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM

Section 18: W/2

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

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM

Section 20: SE/4

TOWNSHIP 20 SOUTH, RANGE 35 EAST, NMPM

Section 4: SW/4

Section 9: NE/4 NW/4

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

TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM
Section 11: S/2 SE/4

(ff) That the Square Lake 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 3: NW/4 NW/4

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

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM
Section 31: W/2 SE/4 and SE/4 SE/4
Section 33: NW/4

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

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM
Section 31: S/2

(ii) That the Vandagriff-Keys Gas 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 2: SW/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations and extensions, deletions and abolishments included herein, shall be November 1, 1961.

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DONE at Santa Fe, New Mexico, on the day and year herein-
above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



EDWIN L. MECHEM, Chairman



E. S. WALKER, Member



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

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