

*Final Order 18. 1965  
J.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. 3319  
Order No. R-2985

THE APPLICATION OF THE OIL  
CONSERVATION COMMISSION UPON  
ITS OWN MOTION FOR AN ORDER  
CREATING, CONTRACTING VERTICAL  
LIMITS, AND EXTENDING CERTAIN  
POOLS IN CHAVES, 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 13, 1965, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 18th day of October, 1965, 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 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 Bough C formation, said pool to bear the designation of East Bagley-Pennsylvanian Pool. Said East Bagley-Pennsylvanian Pool was discovered by Coastal States Gas Producing Company, Pan American State No. 1, located in Unit L of Section 5, Township 12 South, Range 34 East, NMPM. It was completed in Bough C on August 6, 1965. The top of perforations is 9982 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 Abo formation, said pool to bear the designation of Buckeye-Abo Pool. Said Buckeye-Abo Pool was discovered by Hanagan Petroleum Corporation, Superior A State No. 1, located in Unit L of Section 2, Township 18 South, Range 35 East, NMPM. It was completed in Abo on August 5, 1965. The top of perforations is 9010 feet.

(4) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Wolfcamp formation, said pool to bear the designation of Cedar Hills-Wolfcamp Gas Pool. Said Cedar Hills-Wolfcamp Gas Pool was discovered by Harvey E. Yates, Cedar Hills State No. 1, located in Unit I of Section 15, Township 21 South, Range 27 East, NMPM. It was completed in Wolfcamp on July 29, 1964. The top of perforations is 9558 feet.

(5) 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 of Cinta Roja-Morrow Gas Pool. Said Cinta Roja-Morrow Gas Pool was discovered by Midwest Oil Corporation, Custer Mountain Unit No. 1, located in Unit K of Section 9, Township 24 South, Range 35 East, NMPM. It was completed in Morrow on May 17, 1964. The top of perforations is 14,254 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 Pennsylvanian (Bough C) formation, said pool to bear the designation of East Hightower-Upper Pennsylvanian Pool. Said East Hightower-Upper Pennsylvanian Pool was discovered by Shell Oil Company HT State No. 1, located in Unit P of Section 25, Township 12 South, Range 33 East, NMPM. It was completed in Pennsylvanian (Bough C) on August 13, 1965. Top of perforations is 9484 feet. The special vertical limits are described as being from the top of the Pennsylvanian at 9750 feet to 10,010 feet. Type log: Shell Oil Company HT State No. 1, located in Unit P of Section 25, Township 12 South, Range 33 East, NMPM.

(7) That there is need for the contraction of the vertical limits of the East Hightower-Pennsylvanian Pool in Lea County, New Mexico, because of a separate reservoir discovered above said East Hightower-Pennsylvanian Pool. The special vertical limits are defined as being from a point at 10,010 feet to the base of the Pennsylvanian formation in Shell Oil Company's HT State No. 1, located in Unit P of Section 25, Township 12 South, Range 33 East, NMPM. Further, redesignate said pool as the East Hightower-Lower Pennsylvanian Pool.

(8) That there is need for certain extensions to the Leslie Spring-San Andres Pool in Chaves County, New Mexico, the Artesia Queen-Grayburg-San Andres Pool, the Dagger Draw-Morrow Gas Pool, the Getty-Morrow Gas Pool, the North Hackberry-Yates Pool, the Henshaw-Wolfcamp Pool, the Lusk-Strawn Pool, the Shugart Pool, and the Square Lake Grayburg-San Andres Pool, all in Eddy County, New Mexico, the Inbe-Pennsylvanian Pool, the Jenkins-Cisco Pool, the King-Devonian Pool, the Middle Lane-Pennsylvanian Pool, the Monument-Tubb Pool, the Triste Draw-Delaware Pool, the North Vacuum-Abo Pool, and the Vacuum-Upper Pennsylvanian Pool, all in Lea County, New Mexico, and the Todd-San Andres Gas Pool 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 Bough C production, is hereby created and designated as the East Bagley-Pennsylvanian Pool, consisting of the following described area:

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TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM  
SECTION 5: SW/4

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

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM  
SECTION 2: SW/4

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

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM  
SECTION 15: SE/4

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

TOWNSHIP 24 SOUTH, RANGE 35 EAST, NMPM  
SECTION 9: SW/4

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

TOWNSHIP 12 SOUTH, RANGE 33 EAST, NMPM  
SECTION 25: SE/4

Special vertical limits, top pool - top of Pennsylvanian formation at 9750 feet, bottom pool at 10,010 feet. Type log: Shell Oil Company HT State No. 1, located in Unit P of Section 25, Township 12 South, Range 33 East, NMPM.

(f) Contract the vertical limits of the East Hightower-Pennsylvanian Pool in Lea County, New Mexico, with special vertical limits defined as being from a point at 10,010 feet to the base of the Pennsylvanian formation as in Shell Oil Company's HT State No. 1, located in Unit P of Section 25, Township 12 South, Range 33 East, NMPM. Further, re-designate said pool as the East Hightower-Lower Pennsylvanian Pool.

(g) 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 29 EAST, NMPM  
SECTION 31: S/2 NW/4 and NE/4

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(h) That the Dagger Draw-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 25 EAST, NMPM  
SECTION 6: N/2

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

TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM  
SECTION 23: E/2 SE/4  
SECTION 25: N/2 NW/4  
SECTION 26: NE/4 NE/4

(j) That the North Hackberry-Yates 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 17: SW/4 and SE/4 NW/4

(k) That the Henshaw-Wolfcamp 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 26: N/2 NE/4

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

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM  
SECTION 34: NW/4

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM  
SECTION 13: N/2

(m) That the Jenkins-Cisco 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 25: NE/4

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

TOWNSHIP 14 SOUTH, RANGE 37 EAST, NMPM  
SECTION 2: S/2 NE/4 and SE/4

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

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM  
SECTION 10: SE/4

(p) That the Leslie Spring-San Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 7 SOUTH, RANGE 26 EAST, NMPM  
SECTION 26: SW/4 NW/4

(q) That the Lusk-Strawn 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 14: E/2  
SECTION 27: S/2  
SECTION 34: NW/4

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

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM  
SECTION 11: NW/4 and W/2 SE/4

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

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM  
SECTION 27: N/2 NW/4, SW/4 NW/4, NW/4  
SW/4, and S/2 SW/4  
SECTION 28: E/2  
SECTION 33: N/2

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

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM  
SECTION 27: NW/4 SE/4

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

TOWNSHIP 7 SOUTH, RANGE 35 EAST, NMPM  
SECTION 22: All  
SECTION 23: All  
SECTION 24: W/2

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(v) That the Triste Draw-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 34: E/2  
SECTION 35: SW/4

(w) 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 25: N/2 NE/4 and NW/4

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

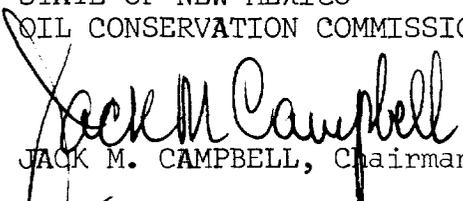
TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM  
SECTION 25: N/2 NE/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations, contractions of vertical limits, and extensions included herein shall be November 1, 1965.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

  
JACK M. CAMPBELL, Chairman

  
GUYTON B. HAYS, Member

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

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