

*Entered June 25, 1964
O.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. 3054
ORDER NO. R-2726

THE APPLICATION OF THE OIL
CONSERVATION COMMISSION UPON
ITS OWN MOTION FOR AN ORDER
CREATING, ABOLISHING, CON-
TRACTING VERTICAL LIMITS, 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 June 11, 1964, 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 June, 1964, 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 gas from the San Andres formation, said pool to bear the designation of Bough-San Andres Gas Pool. Said Bough-San Andres Gas Pool was discovered by Pan American Petroleum Corporation, Federal "A" No. 1, located in Unit N of Section 13, Township 9 South, Range 35 East, NMPM. It was completed in San Andres on January 18, 1964. The top of perforations is 4746 feet.

(3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Queen formation, said pool to bear the designation of Lovington-Queen Gas Pool. Said Lovington-Queen Gas Pool was discovered by Sunray DX Oil Company, New Mexico State AL No. 1, located in Unit I of Section 14, Township 17 South, Range 36 East, NMPM. It was completed in Queen on August 13, 1963. The top of perforations is 4300 feet.

(4) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Middle Pennsylvanian formation, said pool to bear the designation of North Bagley-Middle Pennsylvanian Pool. Said North Bagley-Middle Pennsylvanian Pool was discovered by Texas Pacific Oil Company, J. P. Collier No. 1, located in Unit F of Section 10, Township 11 South, Range 33 East, NMPM. It was completed in Middle Pennsylvanian on May 16, 1964. The top of perforations is 9862 feet. The special vertical limits are top of pool at -5397 feet subsea and bottom of pool at

-2-
CASE NO. 3054
ORDER NO. R-2726

-5727 feet subsea. Type Log: Texas Pacific Oil Company, J. P. Collier No. 1, Unit F, Section 10, Township 11 South, Range 33 East, NMPM.

(5) That there is need for the contraction of the vertical limits of the North Bagley-Upper Pennsylvanian Pool in Lea County, New Mexico, originally defined as top of pool at -4783 feet subsea and bottom of pool at -5727 feet subsea. The new special vertical limits are defined as top of pool at -4783 feet subsea and bottom of pool at -5397 feet subsea. Type Log: Texas Pacific Oil Company, J. P. Collier No. 1, Unit F, Section 10, Township 11 South, Range 33 East, NMPM.

(6) That there is need for the creation of a new pool in Roosevelt County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of South Prairie-Atoka Gas Pool. Said South Prairie-Atoka Gas Pool was discovered by Lone Star Producing Company, Federal New Mexico "B" No. 1, located in Unit M of Section 21, Township 8 South, Range 36 East, NMPM. It was completed in Atoka on February 10, 1964. The top of perforations is 12,057 feet.

(7) That there is need for the contraction of the vertical limits of the South Prairie-Pennsylvanian Pool in Roosevelt County, New Mexico, to include only the Cisco zone of the Pennsylvanian formation and to redesignate the South Prairie-Pennsylvanian Pool to the South Prairie-Cisco Pool.

(8) That there is need for the consolidation of the Indian Hills-Upper Pennsylvanian Gas Pool and the Indian Basin-Upper Pennsylvanian Gas Pool, Eddy County, New Mexico, inasmuch as the pools produce from the same formation. Said consolidation to be accomplished by the abolishment of the Indian Hills-Upper Pennsylvanian Gas Pool and extension of the Indian Basin-Upper Pennsylvanian Gas Pool.

(9) That there is need for certain extensions to the North Benson Queen-Grayburg Pool, the Maljamar Pool, the East Millman Queen-Grayburg Pool, and the Indian Basin-Morrow Gas Pool, all in Eddy County, New Mexico, the Flying "M"-San Andres Pool, the Justis-Blinebry Pool, the Mescalero-San Andres Pool, the Pearl-Queen Pool, the Vacuum-Abo Reef Pool, and the Weir-Blinebry Pool, all in Lea County, New Mexico, and the Lusk-Strawn Pool in Eddy and Lea Counties, 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 Bough-San Andres Gas Pool, consisting of the following described area:

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM
SECTION 13: SW/4

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

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM
SECTION 14: SE/4

-3-
CASE NO. 3054
ORDER NO. R-2726

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

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
SECTION 10: W/2

Special vertical limits, top pool at -5397 feet subsea, bottom pool at -5727 feet subsea. Type Log: Texas Pacific Oil Company, J. P. Collier Well No. 1, located in Unit F of Section 10, Township 11 South, Range 33 East, NMPM.

(d) Contract the vertical limits of the North Bagley-Upper Pennsylvanian Pool in Lea County, New Mexico, to be from -4783 feet subsea at the top of the pool to -5397 feet subsea at the bottom of the pool. Type Log: Texas Pacific Oil Company, J. P. Collier No. 1, Unit F, Section 10, Township 11 South, Range 33 East, NMPM.

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

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM
SECTION 21: SW/4

(f) Contract the vertical limits of the South Prairie-Pennsylvanian Pool in Roosevelt County, New Mexico, to include only the Cisco zone of the Pennsylvanian formation and redesignate the South Prairie-Pennsylvanian Pool the South Prairie-Cisco Pool.

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

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM
SECTION 27: NW/4

(h) 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 16: E/2 and SW/4
SECTION 21: NE/4

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

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
SECTION 3: E/2 NE/4

-4-

CASE NO. 3054
ORDER NO. R-2726

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

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM
SECTION 25: NW/4 and SE/4

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
SECTION 27: W/2

(k) That the Maljamar 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 36: NW/4 NE/4

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

TOWNSHIP 10 SOUTH, RANGE 32 EAST, NMPM
SECTION 14: NE/4
SECTION 15: SE/4

(m) That the East Millman Queen-Grayburg 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 12: SE/4 NE/4
SECTION 23: N/2 NE/4

(n) 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 34 EAST, NMPM
SECTION 35: NE/4

(o) That the Vacuum-Abo Reef 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 19: SW/4 NW/4 and W/2 SW/4

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM
SECTION 2: S/2 SW/4

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM
SECTION 8: SE/4

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

-5-

CASE NO. 3054
ORDER NO. R-2726

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
SECTION 10: W/2 SE/4
SECTION 15: SW/4
SECTION 22: NW/4

(q) That the Indian Hills-Upper Pennsylvanian Gas Pool in Eddy County, New Mexico, consisting of the following described area:

TOWNSHIP 21 SOUTH, RANGE 24 EAST, NMPM
SECTION 20: SE/4, S/2 NE/4, E/2 SW/4, SE/4 NW/4
SECTION 21: A11
SECTION 28: NW/4, W/2 NE/4, N/2 SW/4, NW/4 SE/4
SECTION 29: NE/4, E/2 NW/4, N/2 SE/4, NE/4 SW/4

is hereby abolished.

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

TOWNSHIP 21 SOUTH, RANGE 23 EAST, NMPM
SECTION 16: A11
SECTION 17: A11
SECTION 19: A11
SECTION 20: A11
SECTION 21: A11
SECTION 24: A11
SECTION 25: A11
SECTION 35: A11
SECTION 36: A11

TOWNSHIP 21 SOUTH, RANGE 24 EAST, NMPM
SECTION 19: A11
SECTION 20: A11
SECTION 21: A11
SECTION 28: A11
SECTION 29: A11
SECTION 30: A11
SECTION 31: A11
SECTION 32: A11

TOWNSHIP 22 SOUTH, RANGE 24 EAST, NMPM
SECTION 6: A11

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

TOWNSHIP 21 SOUTH, RANGE 23 EAST, NMPM
SECTION 24: A11

TOWNSHIP 21 SOUTH, RANGE 24 EAST, NMPM
SECTION 19: A11

-6-
CASE NO. 3054
ORDER NO. R-2726

IT IS FURTHER ORDERED:

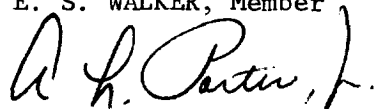
That the effective date of this order and all creations, abolishments, contractions of vertical limits, and extensions included herein shall be July 1, 1964.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


JACK M. CAMPBELL, Chairman


E. S. WALKER, Member


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

S E A L

sg/