

Entered July 15, 1975  
JMR

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. 5522  
Order No. R-5056

THE APPLICATION OF THE OIL  
CONSERVATION COMMISSION UPON  
ITS OWN MOTION FOR AN ORDER  
CREATING AND EXTENDING CERTAIN  
POOLS IN CHAVES, EDDY 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 July 2, 1975, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 15th day of July, 1975, 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 oil pool in Lea County, New Mexico, for the production of oil from the Wolfcamp formation, said pool to bear the designation of Airstrip-Wolfcamp Pool. Said Airstrip-Wolfcamp Pool was discovered by the Amoco Production Company State FU Well No. 1, located in Unit K of Section 25, Township 18 South, Range 34 East, NMPM. It was completed in the Wolfcamp formation on April 28, 1975. The top of the perforations is at 10,624 feet.

(3) That the proposed creation of a new pool in Section 36, Township 24 South, Range 36 East, NMPM, Lea County, New Mexico, for the production of oil from the Devonian formation should be dismissed and readvertised because of an error in advertisement.

(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 North Four Lakes-Atoka Gas Pool. Said North Four Lakes-Atoka Gas Pool was discovered by APCO Corporation Sun State Well No. 1, located in

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Unit F of Section 23, Township 11 South, Range 34 East, NMPM. It was completed in the Atoka formation on April 17, 1975. The top of the perforations is at 11,766 feet.

(5) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Hackberry Morrow Gas Pool. Said Hackberry-Morrow Gas Pool was discovered by the Julian Ard, Hackberry Well No. 1, located in Unit G of Section 25, Township 19 South, Range 30 East, NMPM. It was completed on March 16, 1974. Top of the perforations is 11,993 feet.

(6) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Kennedy Farms-Atoka Gas Pool. Said Kennedy Farms-Atoka Gas Pool was discovered by the Yates Petroleum Corporation Tidwell ED Com Well No. 1, located in Unit P of Section 22, Township 17 South, Range 26 East, NMPM. It was completed on February 29, 1975. Top of the perforations is at 8276 feet.

(7) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Upper Pennsylvanian formation, said pool to bear the designation of McKittrick Canyon-Upper Pennsylvanian Gas Pool. Said McKittrick Canyon-Upper Pennsylvanian Gas Pool was discovered by the Coquina Oil Corporation FAF Federal Well No. 1, located in Unit I of Section 23, Township 22 South, Range 25 East, NMPM. It was completed on February 3, 1975. Top of the perforations is at 9382 feet.

(8) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Nash-Morrow Gas Pool. Said Nash-Morrow Gas Pool was discovered by the Phillips Petroleum Corporation Sandy Unit Well No. 1, located in Unit E of Section 24, Township 23 South, Range 30 East, NMPM. It was completed on July 20, 1974. Top of the perforations is at 14494 feet.

(9) That there is need for the creation of a new gas pool in Chaves County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Oasis-Morrow Gas Pool. Said Oasis-Morrow Gas Pool was discovered by Coquina Oil Corporation Exxon Federal Well No. 1, located in Unit D of Section 12, Township 10 South, Range 29 East, NMPM. It was completed on October 4, 1973. Top of the perforations is at 9174 feet.

(10) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of West Parkway-Morrow Gas Pool. Said West Parkway-Morrow Gas Pool was



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discovered by the Petroleum Corporation Parkway West Unit Well No. 2, located in Unit G of Section 29, Township 19 South, Range 29 East, NMPM. It was completed on November 25, 1974. Top of the perforations is at 11,110 feet.

(11) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Turkey Track-Morrow Gas Pool. Said Turkey Track-Morrow Gas Pool was discovered by the Hondo Drilling Company Union TX State Com Well No. 1, located in Unit N of Section 17, Township 19 South, Range 29 East, NMPM. It was completed on October 7, 1974. Top of the perforations is at 11,144 feet.

(12) That there is need for certain extensions to the Tomtom San Andres Pool and the Twin Lakes-San Andres Pool, both in Chaves County, New Mexico; the Henshaw Queen-Grayburg-San Andres Pool, and Indian Draw-Delaware Pool, both in Eddy County, New Mexico; the Cruz-Delaware Pool, Drinkard Pool, North Mason-Delaware Pool, and Sawyer-San Andres Gas Pool, all in Lea County, New Mexico. Further, that the proposed extension to the West Atoka-Morrow Gas Pool should be dismissed pending further study.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM  
Section 25: SW/4

(b) That the proposed creation of a new pool in Lea County, New Mexico, classified as an oil pool for Devonian production and designated as the Custer-Devonian Pool, consisting of the following described area:

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

is hereby dismissed.

(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 North Four Lakes-Atoka Gas Pool, consisting of the following described area:

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM  
Section 23: N/2

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

TOWNSHIP 19 SOUTH, RANGE 30 EAST, NMPM  
Section 25: E/2

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

TOWNSHIP 17 SOUTH, RANGE 26 EAST, NMPM  
Section 22: E/2

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

TOWNSHIP 22 SOUTH, RANGE 25 EAST, NMPM  
Section 23: E/2

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

TOWNSHIP 23 SOUTH, RANGE 30 EAST, NMPM  
Section 24: W/2

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

TOWNSHIP 10 SOUTH, RANGE 29 EAST, NMPM  
Section 12: N/2

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

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM  
Section 29: E/2

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

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM  
Section 17: S/2



(k) That the proposed extension of the West Atoka-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM  
Section 36: All

is hereby dismissed.

(l) 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 33 EAST, NMPM  
Section 19: NW/4

(m) 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 36 EAST, NMPM  
Section 36: N/2

(n) That the Henshaw Queen-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 18: E/2 SW/4

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

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM  
Section 19: N/2 NE/4

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

TOWNSHIP 26 SOUTH, RANGE 32 EAST, NMPM  
Section 30: NE/4

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

TOWNSHIP 9 SOUTH, RANGE 38 EAST, NMPM  
Section 17: All

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





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TOWNSHIP 7 SOUTH, RANGE 31 EAST, NMPM  
Section 27: SW/4  
Section 34: N/2 NW/4

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

TOWNSHIP 8 SOUTH, RANGE 28 EAST, NMPM  
Section 36: NW/4 SE/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 and extensions included herein shall be August 1, 1975.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

  
PHIL R. LUCERO, Member

  
JOE D. RAMEY, Member & Secretary

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*Entered November 19, 1968.*  
*A.V.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 NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE No. 3922  
Order No. R-3577

APPLICATION OF TENNECO OIL COMPANY  
FOR SALT WATER DISPOSAL, ROOSEVELT  
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on November 7, 1968, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 19th day of November, 1968, 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 the applicant, Tenneco Oil Company, is the owner and operator of the State "V" Well No. 3, located in Unit K of Section 30, Township 7 South, Range 34 East, NMPM, Chaveroo-San Andres Pool, Roosevelt County, New Mexico.

(3) That the applicant proposes to utilize said well to inject produced salt water into the San Andres formation, with injection into the perforated interval from approximately 4214 feet to 4344 feet.

(4) That the subject well should be classified as a pressure maintenance project injection well.

(5) That the subject pressure maintenance project is in the interest of conservation and should result in greater ultimate recovery of oil, thereby preventing waste.

(6) That the subject application should be approved and the project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

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IT IS THEREFORE ORDERED:

(1) That the applicant, Tenneco Oil Company, is hereby authorized to institute a pressure maintenance project in the Chaveroo-San Andres Pool, Roosevelt County, New Mexico, by the injection of water into the San Andres formation through its State "V" Well No. 3, located in Unit K of Section 30, Township 7 South, Range 34 East, NMPM, Roosevelt County, New Mexico.

(2) That said injection should be accomplished through 2 7/8-inch tubing installed in a packer set at approximately 4150 feet, and into the perforated interval from approximately 4214 feet to 4344 feet;

PROVIDED HOWEVER, that the tubing shall be plastic-lined; that the casing-tubing annulus shall be filled with an inert fluid; and that a pressure gauge shall be attached to the annulus in order to determine leakage in the tubing, casing, or packer.

(3) That the subject pressure maintenance project is hereby designated the Tenneco State "V" Pressure Maintenance Project and shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

(4) That monthly progress reports of the pressure maintenance project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

(5) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

GUYTON B. HAYS, Member

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

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