

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 8670
Order No. R-7996

THE APPLICATION OF THE OIL CONSERVATION
DIVISION UPON ITS OWN MOTION FOR AN
ORDER CREATING, CONTRACTING VERTICAL
AND HORIZONTAL LIMITS, REDESIGNATING,
AND EXTENDING CERTAIN EXISTING POOLS
IN CHAVES, LEA, AND ROOSEVELT COUNTIES,
NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8 a.m. on July 31, 1985, at Santa Fe, New Mexico, before Examiner Gilbert P. Quintana.

NOW, on this 6th day of August, 1985, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) There is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Mississippian formation, said pool to bear the designation of Northeast Eidson-Mississippian Pool. Said Northeast Eidson-Mississippian Pool was discovered by the Mesa Petroleum Co. Townsend State Com Well No. 1 located in Unit J of Section 3, Township 16 South, Range 35 East, NMPM. It was completed in the Mississippian formation on April 17, 1985. The top of the perforations is at 12,208 feet.

(3) 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 of East Fowler-Ellenburger Pool. Said East Fowler-Ellenburger

Pool was discovered by the Amoco Production Company State MP Well No. 1 located in Unit D of Section 17, Township 24 South, Range 38 East, NMPM. It was completed in the Ellenburger formation on March 13, 1985. The top of the perforations is at 11,640 feet.

(4) There is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Wolfcamp formation, said pool to bear the designation of Southeast Knowles-Wolfcamp Pool. Said Southeast Knowles-Wolfcamp Pool was discovered by the ARCO Oil and Gas Company Emma Lawrence Well No. 1 located in Unit I of Section 23, Township 17 South, Range 38 East, NMPM. The top of the perforations is at 9,722 feet.

(5) 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 SRR-Morrow Gas Pool. Said SRR-Morrow Gas Pool was discovered by the Spence Energy Company State 14 Well No. 1 located in Unit M of Section 14, Township 9 South, Range 32 East, NMPM. It was completed in the Morrow formation on April 28, 1984. The top of the perforations is at 10,030 feet.

(6) There is need for the contraction of the Casey-Strawn Pool in Lea County, New Mexico, due to the recompletion of the Yates Petroleum Corporation Shipp ZI Well No. 1 located in Unit C of Section 27, Township 16 South, Range 37 East, NMPM, to the Upper Pennsylvanian formation. The deleted area will be placed in the Northeast Lovington-Pennsylvanian Pool.

(7) There is need for the contraction of the vertical limits of the SRR-Pennsylvanian Pool in Lea County, New Mexico, by the deletion of the Morrow formation and the redesignation of said pool as the SRR-Upper Pennsylvanian Pool. This contraction is due to the need to separate gas producing zones from oil producing zones.

(8) There is need for certain extensions to the North Anderson Ranch-Cisco Canyon Pool, the North Anderson Ranch-Wolfcamp Pool, the Diamondtail-Bone Spring Pool, the Double X-Delaware Pool, the EK-Bone Spring Pool, the Gem-Morrow Gas Pool, the Legg-Bone Spring Pool, the Northeast Lovington-Pennsylvanian Pool, the West Osudo-Wolfcamp Pool, the Pitchfork Ranch-Morrow Gas Pool, and the North Vacuum-Abo Pool, all in Lea County, New Mexico, and the Peterson-Fusselman Pool in Roosevelt County, New Mexico, and the Siete-San Andres Pool, the Tobac-Pennsylvanian Pool, and

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the Tom-Tom San Andres Pool, all in Chaves County, New Mexico.

IT IS THEREFORE ORDERED THAT:

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

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM
Section 3: Lots 9, 10, 15, and 16

(b) A new pool in Lea County, New Mexico, classified as an oil pool for Ellenburger production is hereby created and designated as the East Fowler-Ellenburger Pool, consisting of the following described area:

TOWNSHIP 24 SOUTH, RANGE 38 EAST, NMPM
Section 17: NW/4

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

TOWNSHIP 17 SOUTH, RANGE 38 EAST, NMPM
Section 23: SE/4

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

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM
Section 14: W/2

(e) The Casey-Strawn Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following described area:

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM
Section 27: NW/4

(f) The vertical limits of the SRR-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, are hereby contracted by the deletion of the Morrow formation and said pool is redesignated as the SRR-Upper Pennsylvanian Pool.

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(g) The North Anderson Ranch-Cisco Canyon Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM
Section 2: Lots 9, 10, 15, and 16

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

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM
Section 1: Lots 11, 12, 13, and 14

(i) The Diamondtail-Bone Spring 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 11: S/2
Section 14: NE/4

(j) The Double X-Delaware Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM
Section 2: SE/4

(k) The EK-Bone Spring 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 25: NE/4

(l) The Gem-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM
Section 20: S/2 and NE/4
Section 21: NW/4

(m) The Legg-Bone Spring Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 33 EAST, NMPM
Section 5: NW/4
Section 6: NE/4

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(n) The Northeast Lovington-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM

Section 22: SW/4

Section 27: NW/4

(o) The West Osudo-Wolfcamp Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 35 EAST, NMPM

Section 24: NW/4

(p) The Peterson-Fusselman Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM

Section 19: NW/4

(q) The Pitchfork Ranch-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 24 SOUTH, RANGE 34 EAST, NMPM

Section 20: S/2

Section 21: S/2

TOWNSHIP 25 SOUTH, RANGE 34 EAST, NMPM

Section 10: N/2

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

TOWNSHIP 8 SOUTH, RANGE 31 EAST, NMPM

Section 16: NE/4

(s) The Tobac-Pennsylvanian Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPM

Section 26: SW/4

Section 27: SE/4

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

TOWNSHIP 8 SOUTH, RANGE 31 EAST, NMPM
Section 9: SW/4

(u) 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 8: SE/4

IT IS THEREFORE ORDERED THAT:

(1) Pursuant to Section 70-2-18, NMSA 1978, 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 Division. 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 Form C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Division within said 60-day period shall subject the well to cancellation of allowable.

(2) The effective date of this order and all creations, contractions of vertical and horizontal limits, redesignations, and extensions included herein shall be August 1, 1985.

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

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



R. L. STAMETS
Director

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