

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

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

NOMENCLATURE  
CASE NO.

12096

THE APPLICATION OF THE OIL CONSERVATION  
DIVISION UPON ITS OWN MOTION FOR AN ORDER  
CREATING, CONTRACTING AND EXTENDING CERTAIN  
POOLS IN LEA COUNTY, NEW MEXICO

ORDER OF THE DIVISION BY THE DIVISION:

This cause came on for hearing at 8:15 am on December 3, 1998, at Santa Fe, New Mexico, before examiner Michael E. Stogner.

NOW, on this \_\_\_\_\_ day of December, 1998, 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 to 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 gas from the San Andres formation, said pool to bear the designation of Cary-San Andres (Gas) Pool. Said Cary-San Andres (Gas) Pool was discovered by Texaco Expl. & Prod. Inc., C.P. Falby B. Federal, well No. 4, located in Unit L of Section 8, Township 22 South, Range 37 East, NMPM. It was completed in the San Andres formation on August 20, 1997. The top of the perforations are at 3960 feet.

- (3) 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 of Crossroads-Devonian, Southeast Pool. Said Crossroads-Devonian, Southeast Pool was discovered by Marbob Energy Corp., Lewis Fee, well No. 1, located in Unit N of Section 31, Township 9 South, Range 37 East, NMPM. It was completed in the Devonian formation on May 1, 1998. The top of the perforations are at 12460 feet.
- (4) 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 of Echol-Devonian, East Pool. Said Echol-Devonian, East Pool was discovered by UMC Petroleum Corp., Hood State, well No. 1, located in Unit F of Section 25, Township 10 South, Range 37 East, NMPM. It was completed in the Devonian formation on March 19, 1998. The top of the perforations are at 11986 feet.
- (5) There is need for the creation of a new pool in Lea County, New Mexico for the production of gas from the Strawn formation, said pool to bear the designation of Fairview Mills-Strawn (Gas) Pool. Said Fairview Mills-Strawn (Gas) Pool was discovered by Burlington Resources Oil & Gas Co., Pitchfork 4 Federal, well No. 2, located in Unit K of Section 4, Township 25 South, Range 34 East, NMPM. It was completed in the Strawn formation on May 9, 1998. The top of the perforations are at 13701 feet.
- (6) There is need for the creation of a new pool in Lea County, New Mexico for the production of gas from the Mississippi formation, said pool to bear the designation of Feather-Mississippi, North (Gas) Pool. Said Feather-Mississippi, North (Gas) Pool was discovered by Yates Petroleum Corp., Pluma ASD State Com, well No.1, located in Unit L of Section 10, Township 15 South, Range 32 East, NMPM. It was completed in the Mississippi formation on February 7, 1998. The top of the perforations are at 12456 feet.
- (7) 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 Garrett-Abo, East Pool. Said Garrett-Abo, East Pool was discovered by Browning Oil Co, Inc., Byers, well No. 1, located in Unit C of Section 29, Township 16 South, Range 39 East, NMPM. It was completed in the Abo formation on November 5, 1997. The top of the perforations are at 8271 feet.

- (8) There is need for the creation of a new pool in Lea County, New Mexico for the production of oil from the San Andres formation, said pool to bear the designation of Hare-San Andres, Northwest Pool. Said Hare-San Andres, Northwest Pool was discovered by Conoco, Inc., Deck Estate 7, well No. 1, located in Unit L of Section 7, Township 21 South, Range 37 East, NMPM. It was completed in the San Andres formation on April 13, 1998. The top of the perforations are at 4018 feet.
- (9) There is need for the creation of a new pool in Lea County, New Mexico for the production of oil from the San Andres formation, said pool to bear the designation of Hume-San Andres, North Pool. Said Hume-San Andres, North Pool was discovered by Santa Fe Energy Resources, Inc., Humble Hume 5 State, well No. 1, located in Unit W of Section 5, Township 16 South, Range 34 East, NMPM. It was completed in the San Andres formation on February 25, 1998. The top of the perforations are at 4984 feet.
- (10) 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 of S.R.R.-Atoka (Gas) Pool. Said S.R.R.-Atoka (Gas) Pool was discovered by Yates Petroleum Corp., Buffalo Wallow LA Com well No. 1, located in Unit H of Section 21, Township 9 South, Range 32 East, NMPM. It was completed in the Atoka formation on October 21, 1997. The top of the perforations are at 11242 feet.
- (11) 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 Sand Springs-Abo Pool. Said Sand Springs-Abo Pool was discovered by Manzano Oil Corp., Sanke Eyes State, well No. 1, located in Unit I of Section 6, Township 11 South, Range 35 East, NMPM. It was completed in the Abo formation on April 1, 1998. The top of the perforations are at 9086 feet.
- (12) There is need for the creation of a new pool in Lea County, New Mexico for the production of oil from the Penn formation, said pool to bear the designation of Tatum-Upper Penn Pool. Said Tatum-Upper Penn Pool was discovered by Saba Energy of Texas, Inc., Saba State, well No. 1, located in Unit I of Section 7, Township 13 South, Range 36 East, NMPM. It was completed in the Penn formation on January 9, 1998. The top of the perforations are at 10652 feet.

- (13) 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 Triste Draw-Morrow, East (Gas) Pool. Said Triste Draw-Morrow, East (Gas) Pool was discovered by Cobra Oil & Gas Corp., State 19, well No. 1, located in Unit G of Section 19, Township 24 South, Range 33 East, NMPM. It was completed in the Morrow formation on September 25, 1997. The top of the perforations are at 15174 feet.
- (14) There is need for the creation of a new pool in Lea County, New Mexico for the production of gas from the Seven Rivers formation, said pool to bear the designation of Warren-Seven Rivers (Gas) Pool. Said Warren-Seven Rivers (Gas) Pool was discovered by Conoco, Inc., Warren Unit, well No. 127, located in Unit P of Section 28, Township 20 South, Range 38 East, NMPM. It was completed in the Seven Rivers formation on April 18, 1998. The top of the perforations are at 3027 feet.
- (15) There is need for the contraction of the Rhodes Yates-Seven Rivers Pool, in Lea County, New Mexico, to include the addition of acreage.
- (16) There is need for the contraction of the ShoeBar-Penn Pool, in Lea County, New Mexico, to delete the vertical limits of the Cisco, Canyon and Strawn formations and redesignate these to the ShoeBar-Upper Penn Pool.
- (17) There is a need for certain extensions to the North Bluit Siluro-Devonian Pool, the South Bluit-San Andres Pool, South Cass-Strawn Pool, the DK-Abo Pool, the Feather-Morrow, North (Gas) Pool, the Featherstone-Bone Spring Pool, the Flying M-Abo, South Pool, the Gem-Morrow (Gas) Pool, the Hare-San Andres (Gas) Pool, the Hat Mesa-Morrow (Gas) Pool, the La Rica-Morrow, West (Gas) Pool, the Lovington-Penn, Northeast Pool, the Maljamar-Queen, (Gas) Pool, the Midway-Upper Penn, West Pool, the Monument-Abo Pool, the Monument-Abo, North Pool, the Monument-Abo, Southeast Pool, the Monument-Tubb Pool, the Paddock Pool, the Paduca-Delaware Pool, the Pearsall-Queen Pool, the Quail Ridge-Bone Spring, South Pool, the Quail Ridge-Morrow, North (Gas) Pool, the Querecho Plains-Delaware Pool, the Red Tank-Bone Spring Pool, the Red Tank-Delaware, West Pool, the Rhodes-Yates-Seven Rivers (Gas) Pool, the Shoebar-Atoka (Gas) Pool, the Shoebar-Wolfcamp Pool, the Skaggs-Abo Pool, the Skaggs-Grayburg Pool, the Teas-Bone Spring Pool, the Townsend Permo-Upper Penn, Pool, the Triste Draw-Atoka (Gas) Pool, the Triste Draw-Bone Spring Pool, the Vacuum-Wolfcamp Pool, the Wantz-Abo Pool, the Young-Bone Spring, North Pool.

IT IS THEREFORE ORDERED THAT:

- (a) A new pool in Lea County, New Mexico classified as a gas pool for San Andres production is hereby created and designated as the Cary-San Andres (Gas) Pool, consisting of the following described area.

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM ✓  
Section 8: SW/4

- (b) A new pool in Lea County, New Mexico classified as an oil pool for Devonian production is hereby created and designated as the Crossroads-Devonian, Southeast Pool, consisting of the following described area.

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM ✓  
Section 31: SW/4

- (c) A new pool in Lea County, New Mexico classified as an oil pool for Devonian production is hereby created and designated as the ~~Echo-~~ ~~East~~ ~~Devonian, East~~ Pool, consisting of the following described area.

TOWNSHIP 10 SOUTH, RANGE 37 EAST, NMPM ✓  
Section 25: NW/4

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

TOWNSHIP 25 SOUTH, RANGE 34 EAST, NMPM ✓  
Section 4: S/2

- (e) A new pool in Lea County, New Mexico classified as a gas pool for Mississippi production is hereby created and designated as the Feather-Mississippi, North (Gas) Pool, consisting of the following described area.

TOWNSHIP 15 SOUTH, RANGE 32 EAST, NMPM ✓  
Section 10: W/2

- (f) A new pool in Lea County, New Mexico classified as an oil pool for Abo production is hereby created and designated as the Garrett-Abo, East (Gas) Pool, consisting of the following described area.

TOWNSHIP 16 SOUTH, RANGE 39 EAST, NMPM ✓  
Section 29: NW/4

- (g) A new pool in Lea County, New Mexico classified as an oil pool for San Andres production is hereby created and designated as the Hare-San Andres, Northwest Pool, consisting of the following described area.

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM ✓  
Section 7: SW/4

- (h) A new pool in Lea County, New Mexico classified as an oil pool for San Andres production is hereby created and designated as the Hume-San Andres, North Pool, consisting of the following described area.

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM ✓  
Section 5: SE/4

- (i) A new pool in Lea County, New Mexico classified as a gas pool for Atoka production is hereby created and designated as the S.R.R.-Atoka (Gas) Pool, consisting of the following described area.

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM ✓  
Section 21: E/2

- (j) A new pool in Lea County, New Mexico classified as an oil pool for Abo production is hereby created and designated as the Sand Springs-Abo Pool, consisting of the following described area.

TOWNSHIP 11 SOUTH, RANGE 35 EAST, NMPM ✓  
Section 6: SE/4

- Extend*  
(k) A new pool in Lea County, New Mexico classified as an oil pool for Upper Penn production is hereby created and designated as the Tatum-Upper Penn Pool, consisting of the following described area.

TOWNSHIP 13 SOUTH, RANGE 36 EAST, NMPM ✓  
Section 7: ~~SE/2~~ *SE/2*

- (l) A new pool in Lea County, New Mexico classified as an gas pool for Morrow production is hereby created and designated as the Triste Draw-Morrow, East (Gas) Pool, consisting of the following described area.

TOWNSHIP 24 SOUTH, RANGE 33 EAST, NMPM ✓  
Section 19: N/2

- (m) A new pool in Lea County, New Mexico classified as a gas pool for Seven Rivers production is hereby created and designated as the Warren-Seven Rivers (Gas) Pool, consisting of the following described area.

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM ✓  
Section 28: SE/4

- (n) The Rhodes-Yates-Seven Rivers Pool in Lea County, New Mexico, as heretofore classified, defined and described, is hereby contracted by the deletion of the following described area.

TOWNSHIP 26 SOUTH, RANGE 37 EAST, NMPM ✓  
Section 26: NE/4

- (o) The ShoeBar-Penn Pool in Lea County, New Mexico, as heretofore classified, defined and described, is hereby contracted by the deletion of the vertical limits of the Cisco, Canyon and Strawn formations. To be redesignated to the ShoeBar-Upper Penn pool.

- North*  
(p) The Bluitt-Siluro, Devonian Pool in Lea County, New Mexico, as heretofore classified, defined and described, is hereby extended to include therein:

TOWNSHIP 7 SOUTH, RANGE 37 EAST, NMPM ✓  
Section 27: NE/4

- (q) The Bluitt-San Andres, South, Pool in Lea County, New Mexico, as heretofore classified, defined and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM ✓  
Section 25: SW/4  
Section 26: SE/4

- (r) The Cass-Strawn, South 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 36: SW/4

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

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM ✓  
Section 24: E/2

- (t) The Feather-Morrow, North (Gas) 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 10: W/2

- (u) The Featherstone-Bone Spring 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 16: S/2, NW/4  
Section 17: NE/4

- (v) The Flying M-Abo, South Pool in Lea County, New Mexico, as heretofore classified, defined and described, is hereby extended to include therein:

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM ✓  
Section 14: NE/4

- (w) 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 28: W/2

- (x) The Hare-San Andres (Gas) Pool in Lea County, New Mexico, as heretofore classified, defined and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM ✓  
Section 16: ~~SW/4~~  
5/2

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

TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPPM ✓  
Section 1: Lots 3, 4, 5, 6, 11, 12, 13, 14  
Section 14: W/2

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

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPPM ✓  
Section 29: SW/4  
Section 32: W/2

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

TOWNSHIP 16 SOUTH, RANGE 36 EAST, NMPPM ✓  
Section 1: Lots, 9, 10, 15, & 16

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPPM ✓  
Section 6: Lots 2 & 7

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

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPPM ✓  
Section 15: NW/4

- (cc) The Midway-Upper Penn , West Pool in Lea County, New Mexico, as heretofore classified, defined and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPPM ✓  
Section 22: NW/4

- (dd) The Monument-Abo Pool in Lea County, New Mexico, as heretofore classified, defined and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPPM ✓  
Section 5: NW/4

- (ee) The Monument-Abo, North Pool in Lea County, New Mexico, as heretofore classified, defined and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 36 EAST, NMPM ✓

Section 1: SW/4

Section 12: NW/4

- (ff) The Monument-Abo, Southeast 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 16: SE/4

- (gg) 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 2: W/2

Section 3: SE/4

Section 5: SE/4

Section 8: NE/4

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM ✓

Section 6: SW/4

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

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM ✓

Section 22: SE/4

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

TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM ✓

Section 9: SW/4

- (jj) The Pearsall-Queen Pool in Lea County, New Mexico, as heretofore classified, defined and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM ✓

Section 6: SE/4

Section 7: NE/4

- (kk) The Quail-Ridge, Bone Spring, South 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 ~~29~~: SW/4 ~~28~~

Section 29: SE/4

Section 33:N/2

- (ll) The Quail Ridge-Morrow, North (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 ✓ final

Section ~~12~~: SW/4

Section 12: W/2

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM ✓

Section 5: S/2

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

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM ✓

Section 3: W/2

Section 4: SE/4

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

TOWNSHIP 22 SOUTH, RANGE 32 EAST, NMPM ✓

Section 14: SE/4

Section 24: SE/4

- (oo) The Red Tank-Delaware, West Pool in Lea County, New Mexico, as heretofore classified, defined and described, is hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 32 EAST, NMPM ✓

Section 24: ~~SW/4~~ ~~NE/4~~

Section 25: ~~NE/4~~ ~~SW/4~~ NE/4

Section 20: SW/4 Paul

TOWNSHIP 22 SOUTH, RANGE 33 EAST, NMPM  
Section 30: NW/4

- (pp) The Rhodes-Yates-Seven Rivers (Gas) Pool in Lea County, New Mexico, as heretofore classified, defined and described, is hereby extended to include therein:

TOWNSHIP 26 SOUTH, RANGE 37 EAST, NMPM ✓  
Section 6: NE/4  
Section 26: NE/4  
Section 23: NW/4

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

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM ✓  
Section ~~22~~: N/2  
Section 26: N/2

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

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM ✓  
Section 26: NW/4

- (ss) The Skaggs-Abo 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 10: NE/4

- (tt) The Skaggs Grayburg Pool in Lea County, New Mexico, as heretofore classified, defined and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM ✓  
Section 20: SW/4

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

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM ✓  
Section 12: NW/4  
Section 11: NE/4

- (vv) The Townsend-Permo Upper Penn Pool in Lea County, New Mexico, as heretofore classified, defined and described, is hereby extended to include therein:

TOWNSHIP 15 SOUTH, RANGE 35 EAST, NMPM \  
Section 29: NW/4  
Section 30: N/2

- (ww) The Triste Draw-Atoka, East (Gas) Pool in Lea County, New Mexico, as heretofore classified, defined and described, is hereby extended to include therein:

TOWNSHIP 24 SOUTH, RANGE 33 EAST, NMPM \  
Section 19: N/2

- (xx) The Triste Draw-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 34: SE/4

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

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM ✓  
Section 6: NW/4

- (zz) The Wantz-Abo Pool in Lea County, New Mexico, as heretofore classified, defined and described, is hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM ✓  
Section 8: NE/4

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

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM ✓  
Section 17: SW/4