

This rule was filed as State Engineer Rule 66-1, Article 7-20 and Order No. 147-A.

TITLE 19 NATURAL RESOURCES AND WILDLIFE
CHAPTER 27 UNDERGROUND WATER
PART 50 ROSWELL UNDERGROUND WATER BASIN

19.27.50.1 ISSUING AGENCY: Office of State Engineer.
[Recompiled 12/31/01]

19.27.50.2 SCOPE: [RESERVED]
[Recompiled 12/31/01]

19.27.50.3 STATUTORY AUTHORITY: Adopted pursuant to the authority of Sections 72-2-8, 72-2-12 and 72-13-4, New Mexico Statutes Annotated, 1978.
[Recompiled 12/31/01]

19.27.50.4 DURATION: [Permanent]
[Recompiled 12/31/01]

19.27.50.5 EFFECTIVE DATE: November 1, 1966
[Recompiled 12/31/01]

19.27.50.6 OBJECTIVE: This Rule is formulated for the purpose of carrying out the provisions of the statutes governing underground waters and describing the present extent of all declared underground water basins in New Mexico.
[Recompiled 12/31/01]

19.27.50.7 DEFINITIONS: [RESERVED]
[Recompiled 12/31/01]

19.27.50.8 ROSWELL UNDERGROUND WATER BASIN:

A. The corrected boundaries of the extension of the Roswell Underground Water Basin as originally intended by special order No. 147 are as follows: (corrections are underlined). Beginning at a point on the south section line of Section 35, Township (T) 7 South (S), Range (R)13 East (E) , New Mexico Principal Meridian (N.M.P.M.), a point on the boundary of the existing Hondo and Tularosa Underground Water Basins, and a point on the drainage divide between the Tularosa Basin and the Pecos River stream system; thence northerly along the east boundary of the existing Tularosa Underground Water Basin to the southwest corner of Section 23, T 1 S, R 11 E, N.M.P.M.; thence north along section lines to the northwest corner of Section 14, T 1 S, R 11 E, N.M.P.M.; thence west along section line to the southwest corner of Section 10, T 1 S, R 11 E, N.M.P.M.; thence north along section lines to the southeast corner of Section 9, T 1 North (N), R 11 E, N.M.P.M.; thence west along section line to the south quarter corner of said Section 9; thence north to the north quarter corner of said Section 9; thence west along section line to the southwest corner of Section 4, T 1 N, R 11 E, N.M.P.M.; thence north along section line to the northwest corner of said Section 4, a point on the south boundary of the Estancia Underground Water Basin; thence east along section lines to the north quarter corner of Section 6, T 1 N, R 12 E, N.M.P.M.; thence north to the north quarter corner of Section 31, T 2 N, R 12 E, N.M.P.M.; thence east along section line to the northwest corner of Section 32, T 2 N, R 12 E, N.M.P.M.; thence north along section lines to the northwest corner of Section 32, T 3 N, R 12 E, N.M.P.M.; thence east along section line to the northeast corner of said Section 32; thence north along section lines to the northwest corner of Section 33, T 4 N, R 12 E, N.M.P.M.; thence east along section lines to the northeast corner of Section 36, T 4 N, R 12 E, N.M.P.M.; thence south along range line to the northwest corner of Section 6, T 3 N, R 13 E, N.M.P.M.; thence east along township line to the northeast corner of Section 1, T 3 N, R 13 E, N.M.P.M.; thence south along range line to the southeast corner of said Section 1; thence east along section lines to the northeast corner of Section 9, T 3 N, R 14 E, N.M.P.M.; thence south along section line to the southeast corner of said Section 9; thence east along section lines to the southwest corner of Section 8, T 3 N, R 15 E, N.M.P.M.; thence north along section line to the northwest corner of said Section 8; thence east along section lines to the northwest corner of Section 9, T 3 N, R 16 E, N.M.P.M.; thence north along section lines to the northwest

corner of Section 33, T 4 N, R 16 E, N.M.P.M.; thence east along section lines to the northeast corner of Section 36, T 4 N, R 16 E, N.M.P.M.; thence south along range line to the southeast corner of said Section 36; thence east along township line to the northeast corner of Section 4, T 3 N, R 18 E, N.M.P.M.; thence south along section lines to the northeast corner of Section 21, T 3 N, R 18 E, N.M.P.M.; thence east along section lines to the northeast corner of Section 21, T 3 N, R 19 E, N.M.P.M.; thence south along section lines to the northeast corner of Section 28, T 2 N, R 19 E, N.M.P.M.; thence east along section lines to the northeast corner of Section 26, T 2 N, R 19 E, N.M.P.M.; thence south along section lines to the northwest corner of Section 12, T 1 N, R 19 E, N.M.P.M.; thence east along section line to the northeast corner of said Section 12; thence south along range line to the northeast corner of Section 13, T 1 N, R 19 E, N.M.P.M.; thence east along section lines to the northeast corner of Section 17, T 1 N, R 20 E, N.M.P.M.; thence south along section line to the northeast corner of Section 20, T 1 N, R 20 E, N.M.P.M.; thence east along section lines to the northeast corner of Section 22, T 1 N, R 20 E, N.M.P.M.; thence south along section line to the northeast corner of Section 27, T 1 N, R 20 E, N.M.P.M.; thence east along section lines to the northeast corner of Section 29, T 1 N, R 21 E, N.M.P.M.; thence south along section lines to the northeast corner of Section 20, T 1 S, R 21 E, N.M.P.M.; thence east along section lines to the northeast corner of Section 22, T 1 S, R 21 E, N.M.P.M.; thence south along section lines to the northeast corner of Section 22, T 2 S, R 21 E, N.M.P.M.; thence east along section lines to the northeast corner of Section 24, T 2 S, R 21 E, N.M.P.M.; thence south along range line to the northeast corner of Section 13, T 3 S, R 21 E, N.M.P.M.; thence east along section lines to the northeast corner of Section 17, T 3 S, R 22 E, N.M.P.M.; thence south along section lines to the northeast corner of Section 29, T 3 S, R 22 E, N.M.P.M.; thence east along section line to the northeast corner of Section 28, T 3 S, R 22 E, N.M.P.M.; thence south along section lines to the northeast corner of Section 4, T 5 S, R 22 E, N.M.P.M.; thence east along township line to the northeast corner of Section 2, T 5 S, R 22 E, N.M.P.M.; thence south along section line to the northeast corner of Section 11, T 5 S, R 22 E, N.M.P.M.; thence east along section lines to the northeast corner of Section 7, T 5 S, R 23 E, N.M.P.M.; thence south along section lines to the southeast corner of Section 31, T 5 S, R 23 E, N.M.P.M.; thence east along township line to the northeast corner of Section 1, T 6 S, R 25 E, N.M.P.M.; thence south along range line to the southeast corner of Section 36, T 6 S, R 25 E, N.M.P.M., a point on the existing Roswell Underground Water Basin boundary; thence east on said existing boundary of Roswell Underground water Basin to the northwest corner of Section 3, T 7 S, R 26 E, N.M.P.M., a point of intersection of the boundaries of the existing Ft. Sumner and Roswell Underground Water Basins; thence east along township line to the northeast corner of Section 5, T 7 S, R 27 E, N.M.P.M.; thence south along section line to the southeast corner of said Section 5; thence east along section lines to the northeast corner of Section 10, T 7 S, R 27 E, N.M.P.M.; thence north along section lines to the northwest corner of Section 2, T 6 S, R 27 E, N.M.P.M.; thence east along township line to the southwest corner of Section 32, T 5 S, R 27 E, N.M.P.M.; thence north along section lines to the northwest corner of Section 29, T 4 S, R 27 E, N.M.P.M.; thence east along section lines to the northeast corner of Section 28, T 4 S, R 28 E, N.M.P.M.; thence south along section lines to the northeast corner of Section 4, T 5 S, R 28 E, N.M.P.M.; thence east along township line to the northeast corner of Section 1, T 5 S, R 29 E, N.M.P.M., a point on the Chaves-Roosevelt county line; thence north along range line and said county line to the northwest corner of Section 30, T 4 S, R 30 E, N.M.P.M.; thence east along section lines to the northeast corner of Section 28, T 4 S, R 30 E, N.M.P.M.; thence south along section lines to the northwest corner of Section 10, T 5 S, R 30 E, N.M.P.M.; thence east along section line to the northeast corner of said Section 10; thence south along section line to the southeast corner of said Section 10; thence east along section line to the northeast corner of Section 13, T 5 S, R 30 E; thence south along range line to the southeast corner of Section 36, T 5 S, R 30 E, N.M.P.M., a point on the Roosevelt - Chavez county line; thence east along township line and said county line to the northeast corner of Section 1, T 6 S, R 31 E, N.M.P.M.; thence south along range line and said county line to the northwest corner of Section 6, T 7 S, R 32 E, N.M.P.M.; thence east along township line to the northeast corner of said Section 6; thence south along section lines to the northwest corner of Section 17, T 7 S, R 32 E, N.M.P.M.; thence east along section line to the northeast corner of said Section 17; thence south along section lines to the northwest corner of Section 28, T 7 S, R 32 E, N.M.P.M.; thence east along section line to the northeast corner of said Section 28; thence south along section lines to the northwest corner of Section 3, T 8 S, R 32 E, N.M.P.M., a point on the Roosevelt-Chaves county line; thence east along township line and said county line to the northeast corner of said Section 3; thence south along section lines to the southeast corner of Section 34, T 8 S, R 32 E, N.M.P.M., a point on the Chaves-Lea county line; thence west along township line and said county line to the northeast corner of Section 6, T 9 S, R 32 E, N.M.P.M.; thence south along section lines to the northwest corner of Section 32, T 9 S, R 32 E, N.M.P.M.; thence east along section line to the northeast corner of said Section 32; thence south along section lines to the southeast corner of Section 20, T 10 S, R 32 E, N.M.P.M.; thence west along section lines to the southwest corner of Section 19, T 10 S, R 32 E, N.M.P.M., a point on the Lea-Chaves county line; thence south along range line and said county

line to the southeast corner of Section 36, T 10 S, R 31 E, N.M.P.M.; thence west along township line to the northeast corner of Section 3, T 11 S, R 31 E, N.M.P.M.; thence south along section lines to the southeast corner of Section 10, T 11 S, R 31 E, N.M.P.M.; thence west along section line to the southwest corner of said Section 10; thence south along section line to the southeast corner of Section 16, T 11 S, R 31 E, N.M.P.M.; thence west along section line to the southwest corner of said Section 16; thence south along section lines to the northwest corner of Section 33, T 11 S, R 31 E, N.M.P.M.; thence east along section line to the northeast corner of said Section 33; thence south along section lines to the northwest corner of Section 3, T 13 S, R 31 E, N.M.P.M.; thence east along section line to the northeast corner of said Section 3; thence south along section lines to the southeast corner of Section 15, T 14 S, R 31 E, N.M.P.M.; thence west along section line to the southwest corner of said Section 15; thence south along section lines to the southeast corner of Section 33, T 14 S, R 31 E, N.M.P.M.; thence west along township line to the northeast corner of Section 6, T 15 S, R 31 E, N.M.P.M.; thence south along section lines to the southeast corner of Section 31, T 15 S, R 31 E, N.M.P.M., a point on the Chaves-Eddy county line; thence east along township line and said county line to the northeast corner of section 3, T 16 S, R 31 E, N.M.P.M.; thence south along section lines to the southeast corner of Section 22, T 16 S, R 31 E, N.M.P.M.; thence east along section lines to the northeast corner of Section 25, T 16 S, R 31 E, N.M.P.M., a point on the Eddy-Lea county line; thence south along range line to the southeast corner of said Section 25; thence east along section lines to the northeast corner of Section 32, T 16 S, R 32 E, N.M.P.M.; thence south along section line to the southeast corner of said Section 32; thence east along township line to the northeast corner of Section 4, T 17 S, R 32 E, N.M.P.M.; thence south along section line to the southeast corner of said Section 4; thence east along section lines to the northeast corner of Section 11, T 17 S, R 32 E, N.M.P.M.; thence south along section line to the southeast corner of said Section 11; thence east along section line to the northeast corner of Section 13, T 17 S, R 32 E, N.M.P.M.; thence south along range line to the southeast corner of said Section 13; thence east along section line to the northeast corner of Section 19, T 17 S, R 33 E, N.M.P.M.; thence south along section line to the southeast corner of said Section 19; thence east along section line to the northeast corner of Section 29, T 17 S, R 33 E, N.M.P.M.; thence south along section line to the southeast corner of said Section 29; thence east along section line to the northeast corner of Section 33, T 17 S, R 33 E, N.M.P.M.; thence south along section line to the southeast corner of said Section 33, a point of intersection of the boundaries of the existing Lea County and Capitan Underground Water Basins; thence west and south along the existing Capitan Underground Water Basin boundary to the southwest corner of section 31, T 18 S, R 28 E, N.M.P.M., a point of intersection of the existing Capitan and Roswell Underground Water Basin boundaries; thence south, west and north along the existing Roswell Underground Water Basin boundary to the southeast corner of Section 28, T 23 S, R 20 E, N.M.P.M.; thence, leaving the existing Roswell Underground Water Basin boundary, west along section line to the southwest corner of said Section 28; thence north along section line to the northwest corner of said Section 28; thence west along section line to the southwest corner of Section 20, T 23 S, R 20 E, N.M.P.M.; thence north along section line to the northwest corner of said Section 20; thence west along section line to the southwest corner of Section 18, T 23 S, R 20 E, N.M.P.M.; thence north along range line to the northwest corner of said Section 18; thence west along section line to the southwest corner of Section 12, T 23 S, R 19 E, N.M.P.M.; thence north along section line to the northwest corner of said Section 12; thence west along section line to the southwest corner of Section 2, T 23 S, R 19 E, N.M.P.M.; thence north along section line to the southeast corner of Section 27, T 22 S, R 19 E, N.M.P.M.; thence west along section line to the southwest corner of said Section 27; thence north along section lines to the southeast corner of Section 21, T 22 S, R 19 E, N.M.P.M.; thence west along section line to the southwest corner of said Section 21; thence north along section line to the northwest corner of said Section 21; thence west along section line to the southwest corner of Section 17, T 22 S, R 19 E, N.M.P.M.; thence north along section lines to the southeast corner of Section 6, T 22 S, R 19 E, N.M.P.M.; thence west along section line to the southwest corner of said Section 6; thence north along range line to the northwest corner of said Section 6; thence west along township line to the southwest corner of Section 34, T 21 S, R 18 E, N.M.P.M.; thence north along section line to the southeast corner of Section 28, T 21 S, R 18 E, N.M.P.M.; thence west along section line to the southwest corner of said Section 28; thence north along section line to the northwest corner of said Section 28; thence west along section line to the southwest corner of Section 20, T 21 S, R 18 E, N.M.P.M.; thence north along section lines to the southwest corner of Section 20, T 19 S, R 18 E, N.M.P.M.; thence west along section lines to the southwest corner of Section 24, T 19 S, R 17 E, N.M.P.M.; thence north along section line to the northwest corner of said Section 24; thence west along section lines to the southwest corner of Section 15, T 19 S, R 16 E, N.M.P.M.; thence north along section line to the northwest corner of said Section 15; thence west along section line to the southwest corner of Section 9, T 19 S, R 16 E, N.M.P.M.; thence north along section line to the northwest corner of said Section 9; thence west along section line to the southwest corner of Section 5, T 19 S, R 16 E, N.M.P.M.; thence north along section line to the northwest corner of said Section 5, a point on the south

boundary of the Penasco Underground Water Basin; thence east and north along south boundary of the existing Penasco Underground Water Basin to the northeast corner of Section 17, T 18 S, R 18 E, N.M.P.M., a point at the intersection of the boundaries of the existing Penasco and Roswell Underground Water Basins; thence north, west, east and south along the boundary of the existing Roswell Underground Water Basin to the southeast corner of Section 33, T 10 S, R 20 E, N.M.P.M., a point of intersection of the existing boundaries of the Roswell and Hondo Underground Water Basins; thence west and north along the existing boundary of the Hondo Underground Water Basin to the point of beginning.

B. [TOWNSHIP AND RANGE MAP: See 7-20.1 and 2 Roswell Underground Water Basin, PDF file 19.027.0050.8-Roswell.]
[SE 66-1, Article 7-20; Recompiled 12/31/01]

HISTORY OF 19.27.50 NMAC:

Pre-NMAC History: The material in this Part was derived from that previously filed with the State Records Center and Archives.

SE 66-1, Rules and Regulations Governing Drilling of Wells and Appropriation and Use of Ground Water in New Mexico 1966, originally filed with the Supreme Court Law Library 11/1/66. Filed with the State Records Center 6/27/91.

Special Order No. 147, In the Matter of State Engineer Special Order No. 147 Declaring An Extension of the Roswell Underground Water Basin, 2/8/93

Special Order No. 147 A, In the Matter of State Engineer Special Order No. 147 Declaring An Extension Of The Roswell Underground Water Basin Chaves, De Baca, Eddy, Guadalupe, Lea, Lincoln, Otero And Torrance Counties; 5/27/93.

History of Repealed Material: [RESERVED]