

This rule was filed as State Engineer Rule 66-1, Article 7-19.

**TITLE 19      NATURAL RESOURCES AND WILDLIFE**  
**CHAPTER 27   UNDERGROUND WATER**  
**PART 49       RIO GRANDE BASIN**

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

**19.27.49.2      SCOPE:** [RESERVED]  
[Recompiled 12/31/01]

**19.27.49.3      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]

**19.27.49.4      DURATION:** [Permanent]  
[Recompiled 12/31/01]

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

**19.27.49.6      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]

**19.27.49.7      DEFINITIONS:** [RESERVED]  
[Recompiled 12/31/01]

**19.27.49.8      RIO GRANDE BASIN:**

A.      The lands declared within the Rio Grande Basin on November 29, 1956, are as follows: Beginning at a point where the New Mexico-Colorado state line intersects Longitude 105 degrees 30' West; thence south along Longitude 105 degrees 30' West to its intersection with Latitude 36 degrees 54' North; thence west along Latitude 36 degrees 54' North to its intersection with Longitude 105 degrees 33' West; thence south along Longitude 105 degrees 33' West to its intersection with the Carson National Forest Boundary; thence south along the Carson National Forest Boundary to the southeast corner of Section 33, Township 30 North, Range 13 East; thence west along section line to the southeast corner of Section 32, Township 30 North, Range 13 East; thence south along section lines to the southeast corner of Section 20, Township 29 North, Range 13 East; thence southwest along the Carson National Forest Boundary to the northeast corner of Section 6, Township 28 North, Range 13 East; thence south along section lines to the southeast corner of Section 30, Township 28 North, Range 13 East; thence west along section line to the southwest corner of Section 30, Township 28 North, Range 13 East; thence south along range line to its intersection with the north boundary of the Arroyo Hondo Grant; thence northeast along the north boundary of the Arroyo Hondo Grant to the northeast corner of said Grant; thence south along the east boundary of the Arroyo Hondo Grant to its intersection with the Carson National Forest Boundary; thence south and east along the Carson National Forest Boundary to its intersection with Longitude 105 degrees 30' West; thence south along Longitude 105 degrees 30' West to its intersection with Latitude 36 degrees 20' North; thence west along Latitude 36 degrees 20' North to its intersection with the west boundary of the Cristobal De La Serna Grant; thence southwest along the west boundary of the Cristobal De La Serna Grant to its intersection with the north section line of Section 32, Township 24 North, Range 12 East; thence west along section lines to the southeast corner of Section 27, Township 24 North, Range 11 East; thence south along section line to the southeast corner of Section 34, Township 24 North, Range 11 East; thence west along township line to the southeast corner of Section 32, Township 24 North, Range 11 East; thence south along section line to the southeast corner of Section 5, Township 23 North, Range 11 East; thence west along section line to the southeast corner of Section 6, Township 23 North, Range 11 East; thence south along section line to the southeast corner of Section 7, Township 23 North, Range 11 East; thence west along section line to the southeast corner of Section 12, Township 23 North, Range 10 East; thence south along range line

to its intersection with the north boundary of the Sebastian Martin Grant; thence west along the north boundary of the Sebastian Martin Grant to its intersection with Longitude 105 degrees 56' West; thence south along Longitude 105 degrees 56' west to its intersection with the north boundary of Township 21 North, Range 9 East; thence east along township line to the northeast corner of Section 1, Township 21 North, Range 9 East; thence south along range line to the northeast corner of Section 25, Township 21 North, Range 9 East; thence east along section lines to the intersection with the west boundary of the Nuestra Senora Del Rosario San Fernando Santiago Grant; thence south along the west boundary of the Nuestra Senora Del Rosario San Fernando Santiago Grant to the northeast corner of Section 4, Township 20 North, Range 10 East; thence south along section lines to the intersection with the north boundary of the Santo Domingo De Cundiyo Grant; thence northeast along the boundary of the Santo Domingo De Cundiyo Grant to the northeast corner of said Grant; thence south along the boundary of the Santo Domingo De Cundiyo Grant to the southeast corner of said Grant; thence northwest along the boundary of the Santo Domingo De Cundiyo Grant to its intersection with the east section line of Section 28, Township 20 North, Range 10 East; thence south along section lines to the southeast corner of Section 33, Township 19 North, Range 10 East; thence west along section line to the northeast corner of Section 5, Township 18 North, Range 10 East; thence south along section lines to the intersection with the north boundary of the Juan De Gabaldon Grant; thence south to a point being the intersection of the east section line of Section 5, Township 17 North, Range 10 East and the south boundary of the Juan De Gabaldon Grant; thence south along section lines to the northeast corner of the City of Santa Fe Grant; thence south along the east boundary of the City of Santa Fe Grant to the southeast corner of said Grant; thence west along the south boundary of the City of Santa Fe Grant to its intersection with the west boundary of Sebastian De Vargas Grant; thence south along the west boundary of the Sebastian De Vargas Grant to its intersection with the south boundary of Township 16 North, Range 9 East; thence west along township line to the southeast corner of Section 32, Township 16 North, Range 9 East; thence south along section lines to the southeast corner of section 32, Township 15 North, Range 9 East; thence west along township line to the northeast corner of Section 4, Township 14 North, Range 6 East; thence south along section lines to the southeast corner of Section 16, Township 14 North, Range 6 East; thence west along section lines to the southwest corner of Section 18, Township 14 North, Range 6 East; thence south along range line to the southeast corner of Section 12, Township 13 North, Range 5 East; thence west along section line to its intersection with the north boundary of the Town of Tejon Grant; thence west along the north boundary of the Town of Tejon Grant to the northwest corner of said Grant; thence south along the west boundary of the Town of Tejon Grant to its intersection with the north boundary of the San Antonio De Las Huertas Grant; thence west along the north boundary of the San Antonio De Las Huertas Grant to the northwest corner of said Grant; thence south along the west boundary of the San Antonio De Las Huertas Grant to its intersection with the south boundary of Township 13 North, Range 5 East; thence west along township line to the northeast corner of Section 1, Township 12 North, Range 4 East; thence south along range line to the southeast corner of section 36, Township 12 North, Range 4 East; thence west along township line to the northeast corner of Section 2, Township 11 North, Range 4 East; thence south along section lines to the intersection with the north boundary of the Elena Gallegos Grant; thence east along the north boundary of the Elena Gallegos Grant to the northeast corner of said Grant; thence south along the east boundary of the Elena Gallegos Grant to the southeast corner of said Grant; thence west along the south boundary of the Elena Gallegos Grant to its intersection with the east boundary of Township 11 North, Range 4 East; thence south along range line to its intersection with the boundary of Valencia and Tarrant Counties; thence south along the boundary between Valencia and Tarrant Counties to its intersection with the south boundary of the Lo De Padilla Grant; thence west along the south boundary of the Lo De Padilla Grant to the northeast corner of Section 29, Township 7 North, Range 4 East; thence south along section lines to the intersection with the northern boundary of the Tome Claim; thence west along the northern boundary of the Tome Claim to its intersection with Longitude 106 degrees 35' West; thence south along Longitude 106 degrees 35' West to its intersection with the south boundary of the Tome Claim; thence west along the south boundary of the Tome Claim to its intersection with Longitude 106 degrees 37' West; thence south along Longitude 106 degrees 37' West to its intersection with Latitude 34 degrees 20' North; thence west along Latitude 34 degrees 20' North to its intersection with Longitude 106 degrees 45' West; thence south along Longitude 106 degrees 45' West to its intersection with the south boundary of Township 1 South, Range 2 East; thence west along township line to the northeast corner of Section 1, Township 2 South, Range I East; thence south along range line to its intersection with the north boundary of the Bosque Del Apache Migratory Waterfowl Refuge; thence east along the north boundary of the Bosque Del Apache Migratory Waterfowl Refuge to the northeast corner of said Refuge; thence southwest along the east and south boundary of the Bosque Del Apache Migratory Waterfowl Refuge to the intersection with the east boundary of the Pedro Armendariz Grant No. 33; thence southeast along the east boundary of the Pedro Armendariz Grant No. 33 to its intersection with Latitude 33 degrees 40' North; thence west along Latitude 33 degrees 40' North to its intersection with Longitude 106 degrees 56' West; thence south along Longitude

106 degrees 56' West to its intersection with Latitude 33 degrees 35' North; thence west along Latitude 33 degrees 35' North to its intersection with Longitude 107 degrees 00' West; thence south along Longitude 107 degrees 00' West to its intersection with the boundary of Socorro and Sierra Counties; thence west along the boundary between Socorro and Sierra Counties to the west bank of the Rio Grande; thence south along the west bank of the Rio Grande to its intersection with the east section line of Section 34, Township 13 South, Range 4 West; thence north along section lines to the southeast corner of Section 22, Township 13 South, Range 4 West; thence west along section lines to the southwest corner of Section 19, Township 13 South, Range 4 West; thence north along range line to the northwest corner of Section 6, Township 11 South, Range 4 West; thence east along township line to the southwest corner of Section 34, Township 10 South, Range 4 West; thence north along section lines to the northwest corner of Section 3, Township 9 South, Range 4 West; thence east along township line to the southwest corner of Section 31, Township 8 South, Range 3 West; thence north along range line to the northwest corner of Section 19, Township 8 South, Range 3 West; thence east along section lines to the northwest corner of Section 22, Township 8 South, Range 3 West; thence north along section lines to the northwest corner of Section 3, Township 8 South, Range 3 West; thence east along township line to the southwest corner of section 36, Township 7 South, Range 3 west; thence north along section lines to the intersection with Latitude 33 degrees 45' North; thence east along Latitude 33 degrees 45' North to its intersection with Longitude 107 degrees 00' West; thence north along Longitude 107 degrees 00' West to its intersection with the north boundary of the Pedro Armendariz Grant No. 34; thence east along the north boundary of the Pedro Armendariz Grant No. 34 to its intersection with the west boundary of Township 5 South, Range 1 West; thence north along range line to its intersection with the south boundary of the Sevilleta Grant; thence west along the south boundary of the Sevilleta Grant to its intersection with Longitude 107 degrees 00' West; thence north along Longitude 107 degrees 00' West to the north boundary of the Sevilleta Grant; thence east along the north boundary of the Sevilleta Grant to the west boundary of Township 2 North, Range 1 West; thence north along range line to the southeast corner of Section 36, Township 6 North, Range 2 West; thence west along township line to the southwest corner of Section 34, Township 6 North, Range 2 West; thence north along section lines to the southwest corner of Section 34, Township 7 North, Range 2 West; thence west along township line to the southwest corner of Section 35, Township 7 North, Range 3 West; thence north along section line to its intersection with the boundary of the Antonio Sedillo Grant; thence north along the west boundary of the Antonio Sedillo Grant to the northwest corner of said Grant; thence east along the north boundary of the Antonio Sedillo Grant to its intersection with the west boundary of Township 9 North, Range 1 West; thence north along range line to its intersection with the south boundary of the Bernabe M. Montano Grant; thence east along the south boundary of the Bernabe M. Montano Grant to the southeast corner of said Grant; thence north along the east boundary of the Bernabe M. Montano Grant to its intersection with the north boundary of Township 11 North, Range 1 West; thence east along township line to the southwest corner of Section 31, Township 12 North, Range 1 East; thence north along range line to the northwest corner of Section 6, Township 12 North, Range 1 East; thence east along township line to its intersection with the west boundary of the Town of Alameda Grant; thence north along the west boundary of the Town of Alameda Grant to the northwest corner of said Grant; thence east along the north boundary of the Town of Alameda Grant to its intersection with the west boundary of Township 13 North, Range 2 East; thence north along range line to the northwest corner of Section 6, Township 13 North, Range 2 East; thence east along township line to the southwest corner of Section 31, Township 14 North, Range 3 East; thence north along range line to the northwest corner of Section 6, Township 14 North, Range 3 East; thence east along township line to the southwest corner of Section 31, Township 15 North, Range 5 East; thence north along range line to the northwest corner of Section 19, Township 16 North, Range 5 East; thence east along section lines to the intersection with the west boundary of the Pueblo Cochiti Grant; thence north along the west boundary of the Pueblo Cochiti Grant to the northwest corner of said Grant; thence east along the north boundary of the Pueblo Cochiti Grant to its intersection with the west boundary of Township 17 North, Range 6 East; thence north to the southwest corner of the Bandelier National Monument; thence north along the Santa Fe National Forest Boundary to its intersection with the west boundary of Township 19 North, Range 6 East; thence north along range line to its intersection with the Santa Fe National Forest Boundary; thence northeast along the Santa Fe National Forest Boundary to its intersection with Longitude 106 degrees 15' West; thence north along Longitude 106 degrees 15' West to its intersection with Latitude 36 degrees 10' North; thence west along Latitude 36 degrees 10' North to its intersection with the west boundary of the Juan Jose Lobato Grant; thence north along the west boundary of the Juan Jose Lobato Grant to its intersection with Latitude 36 degrees 15' North; thence east along Latitude 36 degrees 15' North to its intersection with Longitude 106 degrees 15' West; thence north along Longitude 106 degrees 15' West to its intersection with the north boundary of the Juan Jose Lobato Grant; thence east along the north boundary of the Juan Jose Lobato Grant to the northeast corner of said Grant; thence south along the east boundary of the Juan Jose Lobato Grant to its intersection with the north boundary of Township 24 North, Range 7 East; thence east along township line to its

intersection with the east bank of the Rio Grande; thence north along the east bank of the Rio Grande to its intersection with the New Mexico-Colorado State Line; thence east along the New Mexico-Colorado State Line to its intersection with Longitude 105 degrees 30' West being the point of beginning.

B. The lands included by the extension of May 4, 1965, are as follows: Beginning at the intersection of the west boundary of the Carson National Forest and Latitude 36 degrees 43' North; thence east along Latitude 36 degrees 43' North to its intersection with Longitude 105 degrees 25' 30" West; thence south along Longitude 105 degrees 25' 30" West to its intersection with Latitude 36 degrees 42', North; thence west along Latitude 36 degrees 42' North to its intersection with Longitude 105 degrees 27' West; thence south along Longitude 105 degrees 27' West to its intersection with Latitude 36 degrees 40' North; thence west along Latitude 36 degrees 40' North to its intersection with Longitude 105 degrees 30' West; thence south along Longitude 105 degrees 30' West to its intersection with Latitude 36 degrees 38' North; thence west along Latitude 36 degrees 38' north to its intersection with Longitude 105 degrees 32' West; thence north along Longitude 105 degrees 32' West to its intersection with Latitude 36 degrees 40' North; thence west along Latitude 36 degrees 40' North to its intersection with the east line of Section 18, Township 28 North, Range 13 East ( a point on the eastern boundary of the presently declared basin ); thence northerly along the eastern boundary of the presently described basin to the point of beginning.

C. The lands included by the extension of May 4, 1966, are as follows: Beginning at the northeast corner of the presently declared basin which is at a point where the New Mexico - Colorado State Line intersects Longitude 105 degrees 30' West; thence east along the state line to its intersection with the east boundary of the Sangre de Cristo Grant; thence south and west along the Sangre de Cristo Grant boundary to its intersection with Longitude 105 degrees 25' 30" West; thence south along Longitude 105 degrees 25' 30" West to its intersection with the boundary of the presently declared basin; thence west and north along the eastern boundary of the presently described basin to the point of beginning.

D. The lands included by the extension of June 8, 1967, are as follows: Beginning at the northeast corner of Section 24, T. 21 N., R. 9 E., on the east boundary of the presently declared basin; thence east along section lines to the intersection of the north line of Section 21, T. 21 N., R. 10 E., with the topographic boundary of the Santa Cruz River drainage; thence southeasterly along said topographic boundary to its intersection with the topographic divide between the Rio Grande drainage and the Pecos River drainage; thence southwesterly along said divide (passing through Truchas Peak, Pecos Baldy Peak and Santa Fe Baldy) to Penitente Peak; thence southwesterly along the topographic boundary of the Pojoaque River drainage to its intersection with the east boundary of Section 9, T. 17 N., R. 10 E.; thence south along section lines to the southeast corner of Section 16, T. 17 N., R. 10 E.; thence west along section lines to its intersection with the east boundary of the presently declared basin; thence northerly along the existing basin boundary to the point of beginning.

E. The lands included by the extension of June 10, 1968 are as follows: Beginning at the northeast corner of Section 25, Township 7 North, Range 4 East, on the east boundary of the presently declared basin; thence southerly along the east boundary line of Valencia County to its intersection with the east boundary of the Casa Colorado Grant being on the north line of Section 6, Township 3 North, Range 5 East; thence southerly along the east boundary of the Casa Colorado Grant to its intersection with the west line of Section 30, Township 3 North, Range 5 East; thence south along range line to the southeast corner of Section 1, Township 2 North, Range 4 East; thence west along section lines to its intersection with the east boundary of the Sevilleta Grant; thence southerly along the east boundary of the Sevilleta Grant to its intersection with the east line of Section 36, Township 1 South, Range 2 East; thence south along range line to the southeast corner of Section 36, Township 5 South, Range 2 East; thence west along township line to its intersection with the east boundary of the Bosque del Apache National Wildlife Refuge, also being the east boundary of the presently declared basin; thence northerly along the existing basin boundary to the point of beginning.

F. The lands included by the extension of January 26, 1970 are as follows:

(1) Beginning at the point of intersection of the topographic boundary of the Rio Chama drainage with the west section line of Section 6, Township 20 North, Range 6 East, the presently existing boundary of the Rio Grande Underground Water Basin; thence westerly along said topographic boundary, passing through Tschicoma Mountain in Section 34, Township 21 North, Range 5 East; Cerro Pelon in Section 26, Township 21 North, Range 3 East; U. S. Geological Survey VABM 9598 "Brown" in Section 19, Township 21 North, Range 3 East to Cerro Jarocito in Section 10, Township 21 North, Range 2 East; thence northwesterly along the topographic boundary of the Rio Chama drainage in Township 21 North, Ranges 2 East and 1 East, Township 22 North, Ranges 1 East and 1 West and Township 23 North, Range 1 West to its intersection with the Continental Divide in Section 21, Township 23 North, Range 1 West; thence northerly along the Continental Divide to the intersection of the topographic boundary of Canoncito de las Yeguas (tributary to Rio Gallina) and Stinking Lake (Burford Lake) drainages in Section 5, Township 26 North, Range 1 West; thence easterly along the topographic boundary of the Rio Chama

drainage below El Vado Dam to El Vado Dam; thence easterly along the topographic boundary of the Rio Chama drainage below El Vado Dam to the intersection of the topographic boundary of Rio Nutrias and Rio Vallecitos drainages in the Tierra Amarilla Grant (near Section 36, Township 28 North, Range 5 East); thence northerly along the topographic boundary of Rio Vallecitos drainage to the topographic boundary of Rio Tusas drainage in the vicinity of Section 13, Township 29 North, Range 6 East and Jawbone Mountain; thence northeasterly along the topographic boundary of Rio Tusas drainage to Broke Off mountain in the vicinity of Section 35, Township 30 North, Range 7 East; thence southeasterly along the topographic boundary of Rio Tusas drainage passing along Tusas Ridge in Townships 29 and 28 North, Range 8 East and Townships 28 and 27 North, Range 9 East; along Comanche Rim in Township 27 North, Range 9 East and in Townships 26 and 25 North, Ranges 9 and 10 East; through Cerro Mojino in Section 7, Township 25 North, Range 10 East to the intersection with the north line of Section 5, Township 24 North, Range 10 East, being the boundary of the presently declared Rio Grande Underground Water Basin; thence southwesterly along the presently existing boundary to the point of beginning.

(2) Beginning at the point of intersection of the north topographic boundary of Rio de Truchas drainage with Longitude 105 degrees 56' West, the presently existing boundary of the Rio Grande Underground Water Basin in the vicinity of Township 22 North, Range 9 East projected into the Sebastian Martin Grant; thence southeasterly along the north topographic boundary of Rio de Truchas drainage to its intersection with the existing boundary of the Rio Grande Underground Water Basin, being the topographic boundary of the Santa Cruz River drainage in Township 20 North, Range 12 East (projected); thence northwesterly along the existing basin boundary to the point of beginning.

(3) Beginning at the point of intersection of the topographic boundary of the Rio Hondo drainage with the presently declared basin boundary in the vicinity of the northeast corner of the Arroyo Hondo Grant and Lobo Peak; thence easterly and southeasterly along said topographic boundary passing through Bull-of-the-Woods Mountain, Frazer Mountain, Mount Walter and Wheeler Peak to its intersection with the topographic boundary of Rio Pueblo de Taos drainage; thence southeasterly along the topographic boundary of Rio Pueblo de Taos drainage passing through Simpson Peak, Old Mike Peak, Red Dome and Taos Cone to its intersection with the Taos County line; thence southerly along the Taos County line passing through Apache Peak, Palo Flechado Pass on U. S. Highway 64 in Section 10, Township 25 North, Range 15 East; Osha Pass in Section 3, Township 24 North, Range 15 East; Osha Mountain and Cuchillo de Fernando to Cerro Vista; thence southwesterly along the topographic boundary of the Rio Grande del Rancho drainage, tributary to Rio Pueblo de Taos, passing through Cerro Olla, Cerro del Oso, and Gallegos Peak in the vicinity of Section 35, Township 23 North, Range 13 East; thence northwesterly along the topographic boundary of the Rio Pueblo de Taos drainage to its intersection with the boundary of the presently declared basin in the vicinity of Section 29, Township 24 North, Range 12 East; thence northeasterly along the existing basin boundary to the point of beginning.

G. The lands included by the extension of November 16, 1970 are as follows:

(1) Beginning at the intersection of the topographic boundary of Canoncito de las Yeguas (tributary to Rio Gallina) and Stinking Lake (Burford Lake) drainages with the Continental Divide in Section 5, Township 26 North, Range 1 West, the presently existing boundary of the Rio Grande Underground Water Basin; thence northerly along the Continental Divide to its intersection with the New Mexico-Colorado state line; thence east along state line to its intersection with the eastern drainage boundary of Wolf Creek (tributary to Rio Chama); thence southeasterly along the Rio Chama drainage boundary to its intersection with the existing basin boundary in Section 12, Township 29 North, Range 6 East; thence southwesterly along existing basin boundary to the point of beginning.

(2) Beginning at the intersection of the south boundary of the Sangre de Cristo Grant with longitude 105 degrees 25' 30" West, the presently, existing boundary of the Rio Grande Underground Water Basin; thence easterly along the Sangre de Cristo Grant line to its intersection with the Taos-Colfax county line (also the west line of the Maxwell Grant); thence southerly along the Taos-Colfax county line to its intersection with the existing Rio Grande Underground Water Basin line at Taos Cone; thence northerly along the existing basin boundary to the point of beginning.

H. The lands included by the extension of December 31, 1970, are as follows: Beginning on the drainage boundary between the Rio Grande and the Pecos River at the intersection of the drainage boundary between Rio Nambe and the Santa Fe River in the vicinity of Penitente Peak, the presently existing boundary of the Rio Grande Underground Water Basin; thence southerly along the drainage boundary between the Rio Grande and the Pecos River, passing through Glorieta Baldy in Section 5, Township 16 North, Range 11 East, to its intersection with the north line of Section 28, Township 12 North, Range 11 East; thence east along the section line to the northeast corner of said Section 28; thence south along section lines to the southeast corner of Section 33, Township 12 North, Range 11 East; thence west along the township line to the southwest corner of Section 33, Township 12

North, Range 10 East; thence north along section line to its intersection with the Rio Grande drainage boundary; thence westerly along the Rio Grande drainage boundary to its intersection with the east line of the Sandia Underground Water Basin, also being the Bernalillo-Santa Fe County line; thence north along the Bernalillo-Santa Fe County line to the southeast corner of Sandoval County and west along the Bernalillo-Sandoval County line to its intersection with the west line of the San Pedro Grant, also being on the existing Sandia Underground Water Basin boundary; thence southerly along the Sandia Underground Water Basin boundary to its intersection with the southern drainage boundary of San Pedro Creek, tributary to Tonque Arroyo, near the northwest corner of Section 14, Township 11 North, Range 5 East; thence northwesterly along said drainage boundary to the southern drainage boundary of Las Huertas Creek; thence along said Las Huertas Creek drainage boundary to its intersection with the Bernalillo-Sandoval County line; thence along the Bernalillo-Sandoval County line to the southeast corner of Section 36, Township 12 North, Range 4 East on the existing boundary of the Rio Grande Underground Water Basin; thence northerly and easterly to the point of beginning.

I. The lands included by the extension of December 22, 1971 are as follows:

(1) Beginning at the southwest corner of Section 18, Township 13 South, Range 4 West, a point on the presently existing boundary of the Rio Grande Underground Water Basin; thence west along section line to the southwest corner of Section 13, Township 13 South, Range 5 West; thence north along section line to the northwest corner of said Section 13; thence west along section lines to the southwest corner of Section 10, Township 13 South, Range 5 West; thence north along section line to the northwest corner of said Section 10; thence west along section line to the southwest corner of Section 4, Township 13 South, Range 5 West; thence north along section lines to the northwest corner of Section 33, Township 12 South, Range 5 West; thence west along section lines to the southwest corner of Section 26, Township 12 South, Range 6 West; thence north along section line to the northwest corner of said Section 26; thence west along section lines to the northeast corner of Section 27, Township 12 South, Range 7 West; thence south along section line to the southeast corner of said Section 27; thence west along section lines to the northeast corner of Section 35, Township 12 South, Range 8 West; thence south along section line to the east quarter corner of said Section 35; thence west to the west quarter corner of Section 34, Township 12 South, Range 8 West; thence north along section line to the northwest corner of said Section 34; thence west along section line to the southwest corner of Section 28, Township 12 South, Range 8 West, a point on the present east boundary of the Gila National Forest; thence north along section lines to the northwest corner of Section 21, Township 12 South, Range 8 West; thence west along section line to the southwest corner of Section 17, Township 12 South, Range 8 West; thence north along section lines to the northwest corner of Section 5, Township 11 South, Range 8 West; thence west along section line to the southwest corner of Section 31, Township 10 South, Range 8 West; thence north along range line to the northwest corner of Section 6, Township 10 South, Range 8 West, a point on the Catron County, Sierra County and Socorro County line; thence west along section line to the southwest corner of Section 36, Township 9 South, Range 9 West; thence north along section lines to the northwest corner of Section 24, Township 7 South, Range 9 West, the northeast corner of the Gila National Forest; thence east along section line to the northeast corner of said Section 24, a point on the Catron County-Socorro County line; thence north along range line and said county line to the northwest corner of Section 6, Township 6 South, Range 8 West, a point on the First Standard Parallel South of the New Mexico Public Land Survey; thence east along said Standard Parallel to the southwest corner of Section 34, Township 5 South, Range 5 West; thence north along section lines to the northwest corner of Section 3, Township 5 South, Range 5 West; thence east along township line to the northwest corner of Section 6, Township 5 South, Range 1 West, a point on the presently declared basin boundary; thence southerly along the existing basin boundary to the point of beginning.

(2) Beginning at the northeast corner of Section 5, Township 6 South, Range 2 East, a point on the presently existing basin boundary; thence south along section lines to the southeast corner of Section 32, Township 9 South, Range 2 East, a point on the Sierra county - Socorro county line; thence west along the Township line and said County line to the intersection with the present basin boundary at longitude 107 degrees 00' west; thence northerly along the existing basin boundary to the point of beginning.

(3) Beginning at the point of intersection of the east line of Section 34, Township 13 South, Range 4 West and the west bank of the Rio Grande on the west boundary of the Pedro Armendariz Grant No. 33, a point on the presently existing boundary; thence south along the west boundary of said grant to the southwest corner of said grant; thence east along said grant boundary to its intersection with the drainage boundary between the Rio Grande and the Jornada del Muerto on the north line of Section 2, Township 14 South, Range 3 west; thence northerly along said drainage boundary; progressing to the ridge crest of the Fra Cristobal Range, and proceeding along said ridge crest, passing through Massacre Gap, Red Gap and Fra Cristobal Mountain, to its intersection with the Sierra County-Socorro County line approximately 1 1/2 miles east of the east bank of the Rio Grande, a point on the existing basin boundary; thence southerly along the existing basin boundary to the point of beginning.

J. The lands included by the extension of September 7, 1973, are as follows:

(1) Beginning at the intersection of the New Mexico-Colorado State Line and the east bank of the Rio Grande, a point on the presently declared Rio Grande Underground Water Basin boundary; thence southerly along the existing basin boundary to the intersection of the east bank of the Rio Grande with the north line of Township 24 North; thence west along said township line, being the presently declared basin boundary, to its intersection with Comanche Rim on the north line of Section 5, Township 24 North, Range 10 East; thence northwesterly along the existing basin boundary to its intersection with the New Mexico-Colorado State Line, a point on the eastern drainage boundary of Wolf Creek (tributary to Rio Chama); thence east along the New Mexico-Colorado State Line to the point of beginning.

(2) Beginning at Cerro Vista Peak, a point on the eastern topographic drainage boundary of the Rio Grande, the common boundary of the Rio Grande and Canadian River Underground Water Basins, and the Mora County-Taos County line; thence southerly along said topographic drainage boundary and the Canadian River Underground Water Basin boundary, passing through Cerro Picacho, to the point on the common boundary of the topographic drainages of the Rio Grande, the Canadian River and the Pecos River in the vicinity of Latitude 35 degrees 59' 03" North, Longitude 105 degrees 33' 25" West; thence westerly along the topographic drainage boundary of the Rio Grande and the presently declared Upper Pecos Underground Water Basin boundary to North Truchas Peak, a point on the presently declared Rio Grande Underground Water Basin boundary; thence northwesterly along said boundary to the intersection of Longitude 105 degrees 56' West with the north boundary of the Sebastian Martin Grant; thence northeasterly along the presently declared basin boundary to its intersection with the southwestern topographic drainage boundary of the Rio Pueblo de Taos in the vicinity of Section 29, Township 24 North, Range 12 East; thence southeasterly along said drainage boundary and presently declared basin boundary to Cerro del Oso; thence northeasterly along the presently declared basin boundary to Cerro Vista Peak, the point of beginning.

(3) Beginning at the southwest corner of Section 21, Township 12 South, Range 8 West, a point on the presently declared Rio Grande Underground Water Basin boundary; thence west along section lines to the southwest corner of Section 19, Township 12 South, Range 8 West; thence north along section line to the northwest corner of said Section 19; thence west along section lines to the southwest corner of Section 14, Township 12 South, Range 9 West; thence north along section line to the northwest corner of said Section 14; thence west along section lines to the southwest corner of Section 8, Township 12 South, Range 9 West; thence north along section lines to the southeast corner of Section 30, Township 11 South, Range 9 West\*; thence west along section line to the southwest corner of said Section 30; thence north along range line to the northwest corner of Section 19, Township 11 South, Range 9 West\*; thence east along section line to the northeast corner of said Section 19; thence north along section lines to the northwest corner of Section 5, Township 11 South, Range 9 West; thence west along township line to the southwest corner of Section 36, Township 10 South, Range 10 West; thence north along section line to the northwest corner of said Section 36; thence west along section line to the southwest corner of Section 26, Township 10 South, Range 10 West; thence north along section lines to the southeast corner of Section 15, Township 10 South, Range 10 West; thence west along section line to the southwest corner of said Section 15; thence north along section line to the northwest corner of said Section 15; thence east along section line to the northeast corner of said Section 15; thence north along section lines to the northwest corner of Section 2, Township 10 South, Range 10 West; thence east along township line to the southwest corner of Section 36, Township 9 South, Range 10 West; thence north along section lines to the northwest corner of Section 25, Township 9 South, Range 10 West; thence east along section line to the northeast corner of said Section 25; thence north along range line to the northwest corner of Section 19, Township 9 South, Range 9 West; thence east along section line to the northeast corner of said Section 19; thence north along section lines to the northwest corner of Section 32, Township 8 South, Range 9 West; thence east along section line to the northeast corner of said Section 32; thence north along section lines to the southeast corner of Section 17, Township 8 South, Range 9 West; thence west along section line to the southwest corner of said Section 17; thence north along section line to the southeast corner of Section 7, Township 8 South, Range 9 West; thence west along section line to the southwest corner of said Section 7; thence north along section line to the northwest corner of said Section 7; thence east along section line to the northeast corner of said Section 7; thence north along section line to the northwest corner of Section 5, Township 8 South, Range 9 West; thence east along township line to the northeast corner of said Section 5; thence north along section lines to the southeast corner of Section 20, Township 7 South, Range 9 West; thence west along section line to the southwest corner of said Section 20; thence north along section line to the northwest corner of said Section 20; thence east along section line to the northeast corner of said Section 20; thence north along section line to the northwest corner of Section 16, Township 7 South, Range 9 West; thence east along section line to the northeast corner of said Section 16; thence north along section line to the northwest corner of Section 10, Township 7 South, Range 9 West; thence east along

section lines to the south quarter corner of Section 1, Township 7 South, Range 9 West; thence north to the north quarter corner of said Section 1; thence west along township line to the south quarter corner of Section 35, Township 6 South, Range 9 West; thence north to the north quarter corner of Section 26, Township 6 South, Range 9 West; thence east along section line to the northeast corner of said Section 26; thence north along section lines to the northwest corner of Section 13, Township 6 South, Range 9 West; thence east along section line to the northeast corner of said Section 13, a point on the presently declared Rio Grande Underground Water Basin boundary; thence southerly along the presently declared basin boundary to the point of beginning.

\*Projected sections are based on meridian and parallel projections of surveyed townships.

(4) Beginning at the intersection of the Bernalillo County-Valencia County line with the north boundary of the Antonio Sedillo Grant, a point on the presently declared Rio Grande Underground Water Basin boundary near the southeast corner of Section 1, Township 9 North, Range 3 West; thence northwesterly along the Bernalillo County Valencia County line to the south line of Sandoval County; thence northwesterly along the Sandoval County-Valencia County line to the northeast corner of Valencia County; thence west along the Sandoval County-Valencia County line to the southeast corner of McKinley County; thence north along the McKinley County-Sandoval County line to the north east corner of McKinley County at the northwest corner of Section 6, Township 20 North, Range 4 West; thence east along township line to the southwest corner of Section 31, Township 21 North, Range 4 West; thence north along range line to its intersection with the Continental Divide on the west line of Section 7, Township 21 North, Range 4 West; thence northeasterly along the Continental Divide to its intersection with the southwestern drainage boundary of the Rio Chama in Section 21, Township 23 North, Range 1 West, a point on the presently declared Rio Grande Underground Water Basin boundary; thence southeasterly along the south drainage boundary of the Rio Chama, being the presently declared basin boundary, to the west line of Section 6, Township 20 North, Range 6 East; thence southerly along the presently declared basin boundary to the intersection with the north boundary of the Pueblo de Cochiti Grant; thence southwesterly along the presently declared basin boundary to the point of beginning.

K. The lands included by the extension of May 14, 1976, are as follows:

(1) Beginning at the southeast corner of Section 8, Township 7 South, Range 9 West, a point common to the existing boundaries of the Rio Grande Underground Water Basin and the Gila-San Francisco Underground Water Basin; thence westerly along the existing boundary of the Gila-San Francisco Underground Water Basin at or near the Continental Divide to the southwest corner of Section 27, Township 8 South, Range 16 West; thence northerly along the existing boundary of the Gila-San Francisco Underground Water Basin at or near the Continental Divide to the southwest corner of Section 23, Township 3 South, Range 15 West; thence north along section line to the intersection of the west line of said Section 23 with the Continental Divide; thence northerly along the Continental Divide to the intersection with the north line of Section 22, Township 8 North, Range 13 West; thence east along section lines to the southwest corner of Section 15, Township 8 North, Range 9 West; thence north along section lines to the northwest corner of Section 3, Township 8 North, Range 9 West; thence west along township line to the southwest corner of Section 34, Township 9 North, Range 9 West; thence north along section lines to the northwest corner of Section 3, Township 9 North, Range 9 West, a point on the existing boundary of the Bluewater Underground Water Basin; thence northerly along the existing boundary of the Bluewater Underground Water Basin to the southwest corner of Section 12, Township 10 North, Range 9 West; thence north along section lines to the northwest corner of Section 13, Township 11 North, Range 9 West; thence east along section lines to the southwest corner of Section 8, Township 11 North, Range 8 West; thence north along section line to the northwest corner of said Section 8; thence east along section lines to the southwest corner of Section 3, Township 11 North, Range 8 West; thence north along section line to the northwest corner of said Section 3; thence east along township line to the southwest corner of Section 31, Township 12 North, Range 7 West; thence north along range line to the northwest corner of said Section 31; thence east along section line to the northeast corner of said Section 31; thence north along section line to the northwest corner of Section 29, Township 12 North, Range 7 West; thence east along section line to the northeast corner of said Section 29; thence north along section lines to the northwest corner of Section 4, Township 12 North, Range 7 West; thence west along township line to the southwest corner of Section 33, Township 13 North, Range 7 West; thence north along section lines to the southeast corner of Section 20, Township 13 North, Range 7 West; thence west along section line to the southwest corner of said Section 20; thence north along section lines to the intersection of the west line of Section 8, Township 13 North, Range 7 West, with the southern boundary of the Bartolome Fernandez Grant; thence west along the southern boundary of said Grant to the southwest corner of said Grant; thence north along the western boundary of said Grant to the intersection with the south line of Section 2, Township 13 North, Range 8 West; thence west along section lines to the southwest corner of Section 4, Township 13 North, Range 8 West; thence north along section line to the northwest corner of said Section 4; thence west along township line to the southwest corner of Section 32, Township 14 North, Range 8



West; thence north along section line to the northwest corner of said Section 32; thence west along section line to the southwest corner of Section 30, Township 14 North, Range 8 West; thence north along range line to the southeast corner of Section 12, Township 14 North, Range 9 West; thence west along section lines to the southwest corner of Section 10, Township 14 North, Range 9 West; thence north along section lines to the northwest corner of Section 34, Township 15 North, Range 9 West; thence west along section lines to the southwest corner of Section 30, Township 15 North, Range 9 West; thence north along range line to the southeast corner of Section 24, Township 15 North, Range 10 West; thence west along section lines to the southwest corner of Section 19, Township 15 North, Range 10 West; thence north along range line to the southeast corner of Section 13, Township 15 North, Range 11 West; thence west along section line to the southwest corner of said Section 13; thence north along section lines to the intersection of the west line of Section 1, Township 15 North, Range 11 West with the Continental Divide; thence northeasterly along the Continental Divide to the intersection with the east line of Section 12, Township 21 North, Range 5 West, a point on the existing boundary of the Rio Grande Underground Water Basin; thence southerly along the existing boundary of the Rio Grande Underground Water Basin to the point of beginning.

(2) Beginning at the northwest corner of Section 14, Township 11 North, Range 5 East, a point on the existing boundary of the Sandia Underground Water Basin; thence southerly along the existing boundary of the Sandia Underground Water Basin to the southeast corner of Section 16, Township 10 North, Range 5 East; thence east along the existing boundary of the Sandia Underground Water Basin to the northeast corner of Section 22, Township 10 North, Range 6 East, a point common to the boundaries of the Sandia Underground Water Basin and the Estancia Underground Water Basin; thence southerly along the existing boundary of the Estancia Underground Water Basin to the southeast corner of Section 31, Township 4 North, Range 6 East; thence east along the existing boundary of the Estancia Underground Water Basin to the northeast corner of Section 5, Township 3 North, Range 7 East; thence south along section lines to the southeast corner of Section 32, Township 3 North, Range 7 East; thence west along township line to the northeast corner of Section 1, Township 2 North, Range 6 East; thence south along range line to the southeast corner of Section 36, Township 2 North, Range 6 East; thence west along township line to the northeast corner of Section 2, Township 1 North, Range 5 East; thence South along section lines to the southeast corner of Section 11, Township 1 North, Range 5 East; thence west along section line to the southwest corner of said Section 11; thence south along section line to the southeast corner of Section 15, Township 1 North, Range 5 East; thence west along section line to the southwest corner of said Section 15, being a point on the Socorro-Torrance county line; thence south along section and county line to the southeast corner of Section 21, Township 1 North, Range 5 East; thence west along section lines to the southwest corner of Section 20, Township 1 North, Range 5 East; thence north along section line to the northwest corner of said Section 20; thence west along section lines to the northeast corner of Section 21, Township 1 North Range 4 East; thence south along section lines to the southeast corner of Section 33, Township 1 North, Range 4 East; thence west along township line to the northeast corner of Section 5, Township 1 South, Range 4 East; thence south along section lines to the southeast corner of Section 20, Township 1 South, Range 4 East; thence west along section lines to the northeast corner of Section 25, Township 1 South, Range 3 East; thence south along range line to the southeast corner of Section 36, Township 1 South, Range 3 East; thence west along township line to the northeast corner of Section 4, Township 2 South, Range 3 East; thence south along section lines to the southeast corner of Section 21, Township 2 South, Range 3 East; thence west along section lines to the southwest corner of Section 19, Township 2 South, Range 3 East, a point on the existing boundary of the Rio Grande Underground Water Basin; thence northerly along the existing boundary of the Rio Grande Underground Water Basin to the southwest corner of Section 36, Township 12 North, Range 4 East and thence southeasterly along existing boundary to the point of intersection of the north section line of Section 14, Township 11 North, Range 5 East with the southern topographical drainage boundary of San Pedro Creek, tributary to Tonque Arroyo of the Rio Grande Stream System, being a point common to the existing boundaries of the Rio Grande Underground Water Basin and the Sandia Underground Water Basin; thence west along section line to the point of beginning at the northwest corner of said Section 14.

L. The lands included by the extension of December 23, 1980, are as follows: Beginning at the northwest corner of Section 31, Township 2 North, Range 7 East, at a point on the presently existing boundary of the Rio Grande Underground Water Basin; thence east along section lines to the northeast corner of Section 32, Township 2 North, Range 7 East; thence south along section lines to the southeast corner of Section 5, Township 1 North, Range 7 East; thence east along section line to the northeast corner of Section 9, Township 1 North, Range 7 East; thence south along section lines to the southeast corner of Section 16, Township 1 North, Range 7 East; thence east along section lines to the northeast corner of Section 23, Township 1 North, Range 7 East; thence south along section lines to the southeast corner of Section 35, Township 1 North, Range 7 East; thence west along township line to the northeast corner of Section 2, Township 1 South, Range 7 East; thence south along section lines to the

southeast corner of Section 14, Township 2 South, Range 7 East; thence east along section line to the northeast corner of Section 24, Township 2 South, Range 7 East; thence south along range line to the southeast corner of Section 12, Township 3 South, Range 7 East; thence west along section line to the southwest corner of said Section 12; thence south along section lines to the southeast corner of Section 14, Township 4 South, Range 7 East; thence west along section line to the southwest corner of said Section 14; thence south along section lines to the southeast corner of Section 34, Township 4 South, Range 7 East; thence west along township line to the southwest corner of said Section 34; thence south along section lines to the southeast corner of Section 9, Township 5 South, Range 7 East; thence west along section line to the southwest corner of said Section 9; thence south along section line to the southeast corner of Section 17, Township 5 South, Range 7 East; thence west along section lines to the southwest corner of Section 18, Township 5 South, Range 7 East; thence south along range line to the southeast corner of Section 36, Township 5 South, Range 6 East; thence East along township line to the northeast corner of Section 6, Township 6 South, Range 7 East; thence south along section lines to the southeast corner of Section 18, Township 6 South, Range 7 East; thence west along section lines to the southwest corner of Section 13, Township 6 South, Range 6 East; thence south along section lines to the southeast corner of Section 35, Township 6 South, Range 6 East; thence west along township line to the southwest corner of Section 31, Township 6 South, Range 6 East; thence south along range line to the southeast corner of Section 36, Township 7 South, Range 5 East; thence west along township line to the northeast corner of Section 2, Township 8 South, Range 5 East; thence south along section lines to the southeast corner of Section 14, Township 8 South, Range 5 East; thence west along section lines to the southwest corner of Section 15, Township 8 South, Range 5 East; thence south along section lines to the southeast corner of Section 33, Township 8 South, Range 5 East; thence east along township line to the northeast corner of Section 4, Township 9 South, Range 5 East; thence south along section line to the southeast corner of said Section 4; thence west along section line to the southwest corner of said Section 4; thence south along section line to the southeast corner of Section 8, Township 9 South, Range 5 East; thence west along section lines to the southwest corner of Section 7, Township 9 South, Range 5 East; thence south along range line to the southeast corner of Section 25, Township 9 South, Range 4 East; thence west along section lines to the southwest corner of Section 26, Township 9 South, Range 4 East; thence south along section lines to the southeast corner of Section 27, Township 10 South, Range 4 East; thence west along section lines to the southwest corner of Section 28, Township 10 South, Range 4 East; thence south along section line to the southeast corner of Section 32, Township 10 South, Range 4 East; thence west along township line to the northeast corner of Section 1, Township 11 South, Range 4 East; thence south along range line to the southeast corner of Section 24, Township 11 South, Range 4 East; thence west along section line to the southwest corner of said Section 24; thence south along section lines to the southeast corner of Section 35, Township 11 South, Range 4 East; thence west along township line to the southwest corner of Section 32, Township 11 South, Range 4 East; thence south along section lines to the southeast corner of Section 7, Township 12 South, Range 4 East; thence west along section line to the southwest corner of said Section 7; thence south along range line to the southeast corner of Section 12, Township 12 South, Range 3 East; thence west along section lines to the southwest corner of Section 11, Township 12 South, Range 3 East; thence south along range line to the southeast corner of Section 12, Township 12 South, Range 2 East; thence west along section line to the southwest corner of said Section 12; thence south along section lines to the southeast corner of Section 23, Township 12 South, Range 2 East; thence west along section line to the southwest corner of said Section 23; thence south along section line to the southeast corner of Section 27, Township 12 South, Range 2 East; thence west along section line to the southwest corner of said Section 27; thence south along section lines to the southeast corner of Section 21, Township 13 South, Range 2 East; thence west along section lines to the southwest corner of Section 24, Township 13 South, Range 1 West; thence south along section line to the southeast corner of Section 26, Township 13 South, Range 1 West; thence west along section lines to the southwest corner of Section 28, Township 13 South, Range 1 West; thence south along section lines to the southeast corner of Section 17, Township 14 South, Range 1 West; thence west along section lines to the southwest corner of Section 13, Township 14 South, Range 3 West; thence south along section line to the southeast corner of Section 23, Township 14 South, Range 3 West; thence west along section lines to the southwest corner of said Section 23; thence south along section lines to the southeast corner of Section 3, Township 15 South, Range 3 West; thence west along section lines to the southwest corner of Section 4, Township 15 South, Range 3 West; thence north along section lines to the northwest corner of Section 16, Township 14 South, Range 3 West; thence west along section line to the southwest corner of Section 8, Township 14 South, Range 3 West; thence north along section lines to the intersection of the west line of Section 5, Township 14 South, Range 3 West with the southern boundary of the Pedro Armendaris Grant #33, a point along the existing Rio Grande Underground Water Basin boundary; thence easterly and northerly along said existing basin boundary to the point of beginning.

M. [TOWNSHIP AND RANGE MAPS: See 7-19 Rio Grande Basin and 7-19.11 Rio Grande Basin,

PDF files 19.027.0049.8A-RioGrande and 19.027.0049.8B-RioGrande.]  
[SE 66-1, Article 7- 19; Recompiled 12/31/01]

**HISTORY OF 19.27.49 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.

SE 66-1, Amendment No. 1, 7/8/68

SE 66-1, Amendment No. 4, 1/29/70

SE 66-1, Amendment No. 5, 5/21/71

SE 66-1, Amendment No. 6, 4/14/72

SE 66-1, Amendment No. 7, 12/19/73

SE 66-1, Amendment No. 10, 11/10/76

SE 66-1, Amendment No. 13 (Rule No. 2, Amendment No. 17) 2/19/81.

History of Repealed Material: [RESERVED]