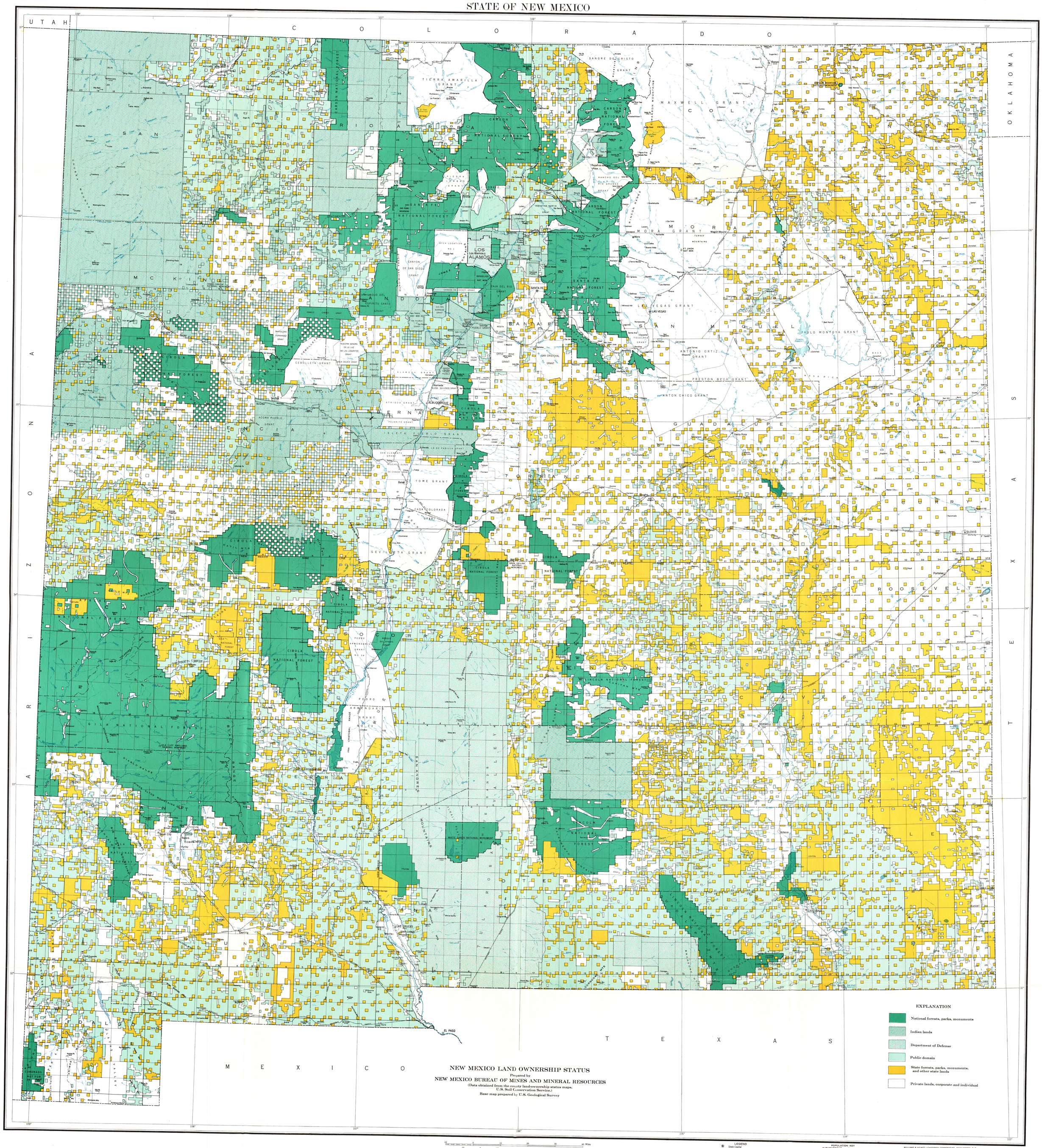
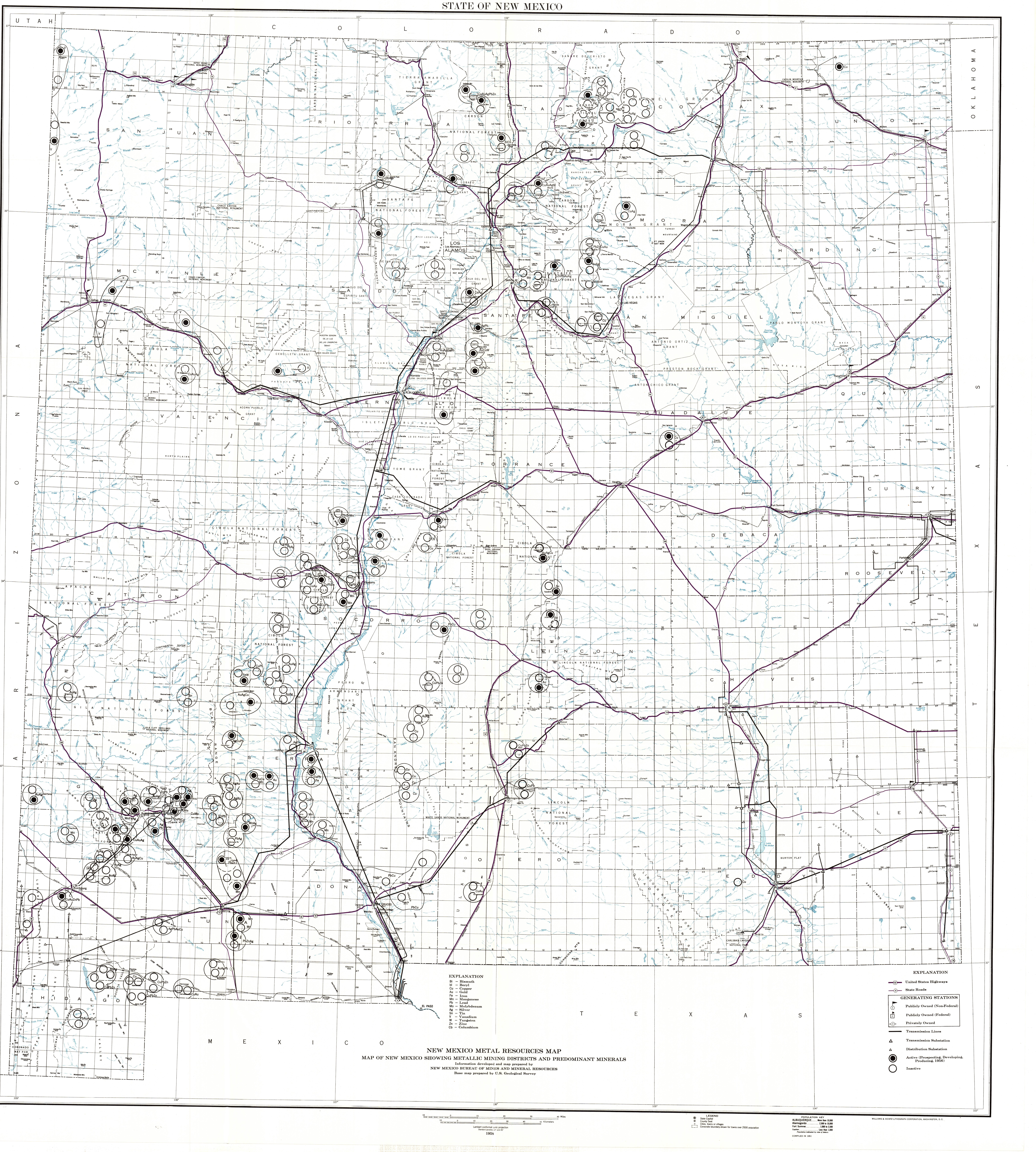
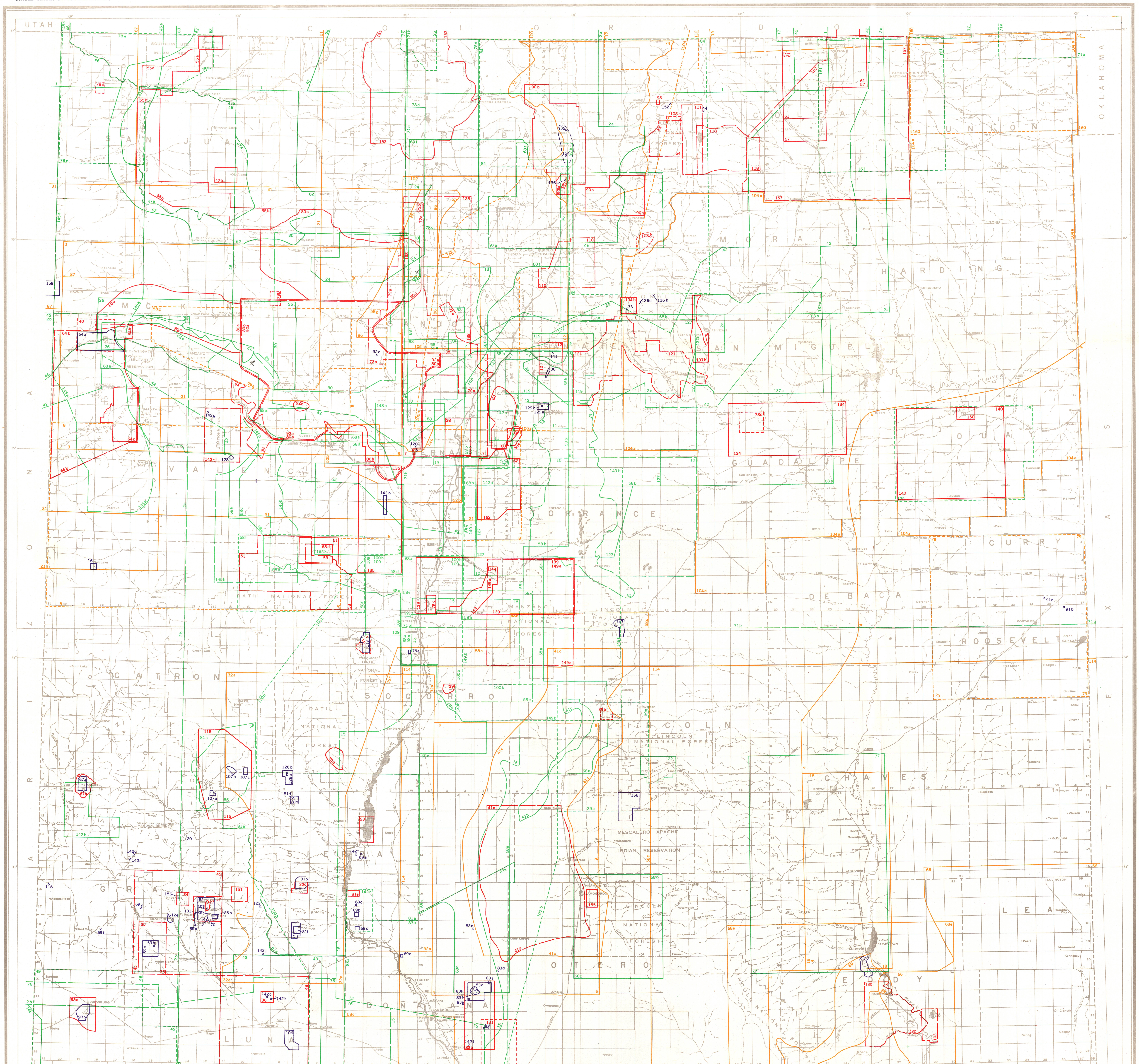
STATE OF NEW MEXICO



STATE OF NEW MEXICO





EXPLANATION

The maps indexed are published areal geologic maps on scales larger than 1:2,500,000 (40 miles to the inch) and mine maps that show geologic boundaries. The areas covered by the maps are outlined by colored lines that indicate scale, except those that are less than 1 mile on any side, which are shown by the symbol x. Maps that show only a part of the geologic formations or contain blank areas are outlined by short dashed lines. The number inside the colored outline identifies each geologic map in the key printed below. Structure sections, block diagrams, and structure contour maps without geologic boundaries are omitted in this compilation.

SCALES INDICATED BY COLORED LINES

Scale larger than 1:38,400, or 3,200 feet to the inch.
Scale 1:38,400 to 1:76,800, or 3,200 to 6,400 feet to the inch.
Scale 1:76,800 to 1:153,600, or 1.21 to 2.42 miles to the inch.
Scale 1:153,600 to 1:307,200, or 2.42 to 4.85 miles to the inch.
Scale 1:307,200 to 1:614,400, or 4.85 to 9.70 miles to the inch.
Scale 1:614,400 to 1:1,228,800, or 9.70 to 19.39 miles to the inch.
Scale smaller than 1:1,228,800, or 19.39 miles to the inch.

MAPS CONTAINING SOME BLANK AREAS

Scale larger than 1:38,400, or 3,200 feet to the inch.
Scale 1:38,400 to 1:153,600, or 3,200 to 12,800 feet (2.42 miles) to the inch.
Scale 1:153,600 to 1:614,400, or 2.42 to 9.70 miles to the inch.
Scale smaller than 1:614,400, or 9.70 miles to the inch.

STATE MAP

Geologic map of New Mexico, by N. H. Darton, scale 1:500,000: U. S. Geological Survey, 1928.

KEY TO INDEX MAP

Many of the publication titles are abbreviated. The authors named are those responsible for the geologic mapping, if that information is given, and are not always the authors of the reports in which the maps appear.

1. Geological and geographical atlas of Colorado and portions of adjacent territory: U. S. Geol. and Geog. Survey of the Terr., 1877. Sheets 15 and 16, 1:253,440, F. V. Hayden.
2. Geological atlas to illustrate geographical explorations and surveys west of the 100th meridian: Corps of Engineers, U. S. Army, 1877-1881. (a) Parts of sheets 69-B and D, 77-B, 78-A, and sheet 70-A and C, 1:250,000, (b) sheets 76 and 83, 1:506,880, G. M. Wheeler
3. Mt. Taylor and the Zuni Plateau: U.S.G.S. 6th Ann. Rept., pp. 105-198, 1885. Pl. 14, 1:625,000, C. E. Dutton.
4. Geography, topography, and geology of the Llano Estacado or Staked Plains: Texas Geol. Survey 3d Ann. Rept., pp. 129-223, 1892. Pl. 4, 1:937,500, W. F. Cummins.
5. Silver mines of Lake Valley: Am. Inst. Min. Eng. Trans., vol. 24, pp. 138-167, 1895. Pl. 1, 1:25,000, Ellis Clark. Also mine maps.
6. Geology of the San Pedro and Albuquerque districts: Denison Univ., Sci. Lab. Bull., vol. 11, pp. 93-116, 1898. Pl. 13, 1:375,000, C. L. Herrick.
Geology of the San Pedro and Albuquerque districts: New Mexico Univ. Bull., vol. 1, pp. 93-116, 1899. Pl. 13, 1:375,000, C. L. Herrick.
7. Geology of the Albuquerque sheet: New Mexico Univ. Bull., vol. 2, pt. 1, No. 1, 1900. Map, 1:125,000, C. L. Herrick.
Geology of the Albuquerque sheet: Denison Univ., Sci. Lab. Bull., vol. 11, pp. 175-239, 1900. Map, 1:125,000, C. L. Herrick.
8. Geological reconnaissance in western Socorro and Valencia Counties: Am. Geologist, vol. 25, pp. 331-346, 1900. Pls. 8 and 9, 1:750,000, C. L. Herrick. Reprinted in New Mexico Univ. Bull., vol. 2, pt. 1, No. 2, 1900.
9. Geology of the white sands of New Mexico: New Mexico Univ. Bull., vol. 2, pt. 1, No. 3, 1900. Pl. 1, 1:750,000, C. L. Herrick.
Geology of the white sands of New Mexico: Jour. Geology, vol. 8, pp. 112-128, 1900. Pl. 1, 1:750,000, C. L. Herrick.
10. Geological reconnaissance in eastern Valencia County: Am. Geologist, vol. 29, pp. 80-87, 1902. Pl. 3, 1:600,000, D. W. Johnson.
11. Ore deposits of the San Pedro district: Am. Inst. Min. Eng. Trans., vol. 33, pp. 350-362, 1903. Fig. 1, 1:250,000, M. B. Yung and R. S. McCaffery. (Fig. 3, 1:7,200, is similar to No. 129-A.)
12. Geology of the Cerrillos Hills: School of Mines Quart., vol. 24, pp. 456-500, 1903. Map, p. 456, 1:62,500, D. W. Johnson.
13. Geology of the Jemez-Albuquerque region: Am. Geologist, vol. 31, pp. 67-111, 1903. Pl. 4, 1:285,000, A. B. Reagan.
14. Geology and underground water resources of the central Great Plains: U.S.G.S. Prof. Paper 32, 1905. Pl. 35, 1:2,500,000, N. H. Darton.
15. Geology and underground water conditions of the Jornada del Muerto: U.S.G.S. Water-Supply Paper 123, 1905. Pl. 1, 1:437,500, C. R. Keyes.
16. Zuni salt lake: Jour. Geology, vol. 13, pp. 185-193, 1905. Fig. 2, 1:8,400, N. H. Darton.
17. Geology and underground waters of the Arkansas Valley in eastern Colorado: U.S.G.S. Prof. Paper 52, 1906. Pl. 6, 1:380,160, N. H. Darton.
18. Geology and underground waters of the Roswell artesian area: U.S.G.S. Water-Supply Paper 158, 1906. Pl. 4, 1:625,000, C. A. Fisher.
19. Excursion au Cerro de Muleros pres ciudad Juarez, Chihuahua: 10th Internat. Geol. Cong., Mexico, Guidebook 20, 1906. Map, 1:10,000, Emil Bose. (Same as No. 83, fig. 9.)
20. Gila River alum deposits: U.S.G.S. Bull. 315, pp. 215-223, 1907. Fig. 4, 1:14,000, C. W. Hayes.
21. Reconnaissance survey of the western part of the Durango-Gallup coal field of Colorado and New Mexico: U.S.G.S. Bull. 316, pp. 376-426, 1907. Pl. 22, 1:824,000, M. K. Shaler.
22. Coal in the vicinity of Fort Stanton Reservation, Lincoln County: U.S.G.S. Bull. 316, pp. 431-434, 1907. Fig. 5, 1:187,680, M. R. Campbell.
23. Water resources of the Rio Grande Valley: U.S.G.S. Water-Supply Paper 188, 1907. Pl. 8, 1:48,000, W. T. Lee.
24. Coal field between Gallina and Raton Spring in the San Juan coal region: U.S.G.S. Bull. 341, pp. 335-351, 1909. Pl. 22, 1:250,000, J. H. Gardner, W. J. Reed, and A. L. Beekly.
25. Coal field between Durango, Colo., and Monero, N. Mex.: U.S.G.S. Bull. 341, pp. 352-363, 1909. Pl. 23, 1:250,000, J. H. Gardner, W. J. Reed, and A. L. Beekly.
26. Coal field between Gallup and San Mateo: U.S.G.S. Bull. 341, pp. 364-378, 1909. Pl. 24, 1:250,000, J. H. Gardner, W. J. Reed, and A. L. Beekly.
27. Hanover iron-ore deposits: U.S.G.S. Bull. 380, pp. 199-214, 1909. Fig. 13, 1:40,000, Sidney Paige.
28. Geology of the vicinity of Albuquerque: New Mexico Univ. Bull., geol. ser., vol. 3, No. 1, 1909. Map, 1:62,500, Kirk Bryan.
29. Carthage coal field: U.S.G.S. Bull. 381, pp. 452-460, 1910. Pl. 21, 1:42,240, J. H. Gardner.
30. Coal field between San Mateo and Cuba: U.S.G.S. Bull. 381, pp. 461-473, 1910. Pl. 22, 1:500,000, J. H. Gardner and A. L. Beekly
31. Reconnaissance of parts of western New Mexico and northern Arizona: U.S.G.S. Bull. 435, 1910. Pl. 1, 1:1,000,000, N. H. Darton.
32. Ore deposits of New Mexico: U.S.G.S. Prof. Paper 68, 1910. (a) Pl. 12, 1:1,000,000, (b) pl. 17, 1:42,240, (c) fig. 22, 1:50,000, C. H. Gordon.
33. Geology and water resources of Estancia Valley: U.S.G.S. Water-Supply Paper 275, 1911. Pl. 1 (Pleistocene and Recent), 1:375,000, O. E. Meinzer.
34. Ore deposits near Pinos Altos: U.S.G.S. Bull. 470, pp. 109-125, 1911. Fig. 10, 1:70,000, Sidney Paige.
35. Metalliferous ore deposits near the Burro Mountains, Grant County: U.S.G.S. Bull. 470, pp. 131-150, 1911. Pl. 4, 1:125,000, Sidney Paige.
36. Fluorspar near Deming: U.S.G.S. Bull. 470, pp. 533-545, 1911. Fig. 62, 1:62,500, N. H. Darton. (Same as No. 69, fig. 31.)
37. Geologic and structural relations at Santa Rita (Chino): Econ. Geology, vol. 7, pp. 547-559, 1912. Fig. 70, 1:125,000, Sidney Paige.
38. Cerrillos coal field, Santa Fe County: U.S.G.S. Bull. 531, pp. 285-312, 1913. Pl. 20, 1:31,680, W. T. Lee.
39. Geology and coal resources of the Sierra Blanca coal field: U.S.G.S. Bull. 541, pp. 419-452, 1914. (a) Pl. 27, 1:312,500, (b) pl. 26, 1:62,500, C. H. Wegemann.
40. Geology of the Gallup Basin: New Mexico Univ. Bull., geol. ser., vol. 3, No. 2, 1914. Pl. 1, 1:62,500, C. T. Kirk.
41. Geology and water resources of Tularosa Basin: U.S.G.S. Water-Supply Paper 343, 1915. (a) Pl. 2, 1:125,000, (b) pl. 6 (lava bed), 1:250,000, (c) pl. 17, 1:750,000, O. E. Meinzer.
Recency of great lava flow of Carrizozo: Pan.-Am. Geologist, vol. 62, pp. 97-102, 1934. (b) Pl. 5 (lava flow), 1:750,000, Evan Just.
Southern tectonic ending of Rocky Mountains: Pan-Am. Geologist, vol. 64, pp. 355-372, 1935. (b) Pl. 19 (lava flow), 1:750,000, Charles Keyes.
Primary source of gigantic gypsum dunes of Hueco Desert: Pan-Am. Geologist, vol. 67, pp. 129-142, 1937. (b) Pl. 9 (lava flow), 1:750,000, Charles Keyes.
42. Santa Fe guidebook: U.S.G.S. Bull. 613, 1916. Sheets 10-16, 1:500,000, N. H. Darton and others.
43. Geology and underground water of Luna County: U.S.G.S. Bull. 618, 1916. Pl. 1, 1:187,680, N. H. Darton.
44. Aztec gold mine, Baldy: U.S.G.S. Bull. 620, pp. 325-330, 1916. Fig. 19, 1:20,000, W. T. Lee, from Maxwell Land Grant Co. map.
45. Silver City quadrangle: U.S.G.S. Geol. Folio 199, 1916. Map, 1:125,000, Sidney Paige.
46. The Navajo country, U.S.G.S. Water-Supply Paper 380, 1916. Pl. 2, 1:500,000, H. E. Gregory.
Geology of the Navajo country: U.S.G.S. Prof. Paper 93, 1917. Pl. 2, 1:500,000, H. E. Gregory.
47. Stratigraphy of a part of the Chaco River Valley: U.S.G.S. Prof. Paper 98, pp. 271-278, 1916. (a) Pl. 64, 1:312,500, (b) pl. 69, 1:63,360, C. M. Bauer.
48. Deming quadrangle: U.S.G.S. Geol. Folio 207, 1917. Map, 1:125,000, N. H. Darton.
49. Ground water in the Animas, Playas, Hachita, and San Luis Basins: U.S.G.S. Water-Supply Paper 422, 1918. Pl. 1 (Quaternary deposits), 1:250,000, A. T. Schwennesen.
50. Geology and paleontology of the Raton Mesa and other regions in Colorado and New Mexico: U.S.G.S. Prof. Paper 101, 1918. Fig. 14, 1:62,500, W. T. Lee.
Tijeras coal field, Bernalillo County: U.S.G.S. Bull. 471, pp. 574-578, 1912. Pl. 59, 1:62,500, W. T. Lee.
Stratigraphy of the coal fields of northern central New Mexico: Geol. Soc. America Bull., vol. 23, pp. 571-686, 1912. Fig. 4, 1:80,000, W. T. Lee.
51. Oil and gas possibilities of the Puertecito district, Socorro and Valencia Counties: New Mexico School of Mines Bull. 3, 1919. Pl. 1, 1:63,360, E. H. Wells. (Same as No. 78, pl. 20.)
52. Gypsum deposits of the United States: U.S.G.S. Bull. 697, 1920. (a) Fig. 37, 1:250,000, (b) fig. 41, 1:760,320, N. H. Darton.
53. Geology of Alamosa Creek Valley, Socorro County: U.S.G.S. Bull. 716, pp. 1-15, 1920, Pl. 5, 1:125,000, D. E. Winchester.
54. Geologic reconnaissance of the southern part of the Taos Range: Jour. Geology, vol. 28, pp. 731-742, 1920. Pl. 13, 1:100,000, J. W. Gruner.
55. Coal in the middle and eastern parts of San Juan County: U.S.G.S. Bull. 716, pp. 155-237, 1921. (a) Pls. 23, 25, 27, and 28, and (b) pls. 29, 31, 33, and 34, 1:63,360, C. M. Bauer and J. B. Reeside, Jr.
56. Taylor Creek tin deposits: U.S.G.S. Bull. 725, pp. 347-359, 1921. Fig. 52, 1:312,500, J. M. Hill.
57. Raton-Brilliant-Koehler quadrangles: U.S.G.S. Geol. Folio 14, 1922. Map, 1:62,500, W. T. Lee.
58. Geologic structure of parts of New Mexico: U.S.G.S. Bull. 726, pp. 173-275, 1922. (a) Fig. 25, 1:95,040 (same as No. 68, fig. 25), (b) pl. 38, 1:250,000, (c) pls. 40 and 42, 1:760,320, (d) pl. 48, 1:380,160, (e) pl. 43, 1:400,000, N. H. Darton; (f) pl. 50, 1:380,160, N. H. Darton, mainly from map by D. E. Winchester (area similar to No. 125, fig. 5); (g) fig. 38, 1:625,000, N. H. Darton, mainly from maps by C. B. Barker and L. A. Gillett.
59. Copper deposits of the Tyrone district: U.S.G.S. Prof. Paper 122, 1922. (a) Pl. 2, 1:24,000, (b) fig. 23, 1:3,000, Sidney Paige.
Geology of the Burro Mountains copper district: Am. Inst. Min. Eng. Bull., vol. 101, pp. 957-997, 1915. (a) Fig. 6, 1:36,000, R. E. Somers.
Turquoise in the Burro Mountains: Econ. Geology, vol. 2, pp. 464-492, 1907. (b) Fig. 51, 1:10,800, E. R. Zalinski.
60. Geology of the Sandia Mountains: New Mexico Univ. Bull., geol. ser., vol. 3, No. 4, 1922. Pl. 1, 1:48,000, R. W. Ellis.
Structure of the Sandia Mountains: Pan-Am. Geologist, vol. 67, pp. 39-58, 1937. Fig. 1, 1:125,000, W. G. Tight. (Reproduced from Sandia Mountains excursion leaflet, Geol. Soc. America, Albuquerque, 1907.)
61. Coal resources of the Raton coal field: U.S.G.S. Bull. 752, 1924. Pl. 1, 1:62,500, W. T. Lee.
62. Upper Cretaceous and Tertiary formations of the western part of the San Juan Basin: U.S.G.S. Prof. Paper 134, 1924. Pl. 1, 1:250,000, J. B. Reeside, Jr., C. M. Bauer, and others.
63. Prospects for oil and gas in and near the Barker Creek dome, Colorado and New Mexico: U.S.G.S. Press release, 1924. Map, 1:174,240, M. A. Pishel, J. B. Reeside, Jr., and W. W. Boyer.
64. Geology and coal resources of the Gallup-Zuni Basin: U.S.G.S. Bull. 767, 1925. (a) Pl. 1, 1:31,680, J. D. Sears; (b) pl. 2, 1:125,000, J. D. Sears and D. E. Winchester; (c) pl. 16, 1:63,360, D. E. Winchester, C. A. Bonine, and J. D. Sears.
65. Geology of No. 3 reservoir site of the Carlsbad irrigation project: U.S.G.S. Water-Supply Paper 580, pp. 1-39, 1926. Pl. 1, 1:31,680, B. C. Renick.
66. Geology of a part of western Texas and southeastern New Mexico: U.S.G.S. Bull. 780, pp. 33-126, 1926. Pl. 10, 1:1,000,000, H. W. Hoots.
67. Geology and ore deposits of the Mogollon mining district: U.S.G.S. Bull. 787, 1927. (a) Pl. 1, 1:12,000, (b) pl. 3, 1:63,360, H. G. Ferguson.
Mogollon district: U.S.G.S. Bull. 715, pp. 171-204, 1921. (a) Pl. 15, 1:24,000, H. G. Ferguson.
68. "Red beds" and associated formations in New Mexico: U.S.G.S. Bull. 794, 1928. (a) Pls. 17, 26, 33, 40, and 42, (b) pl. 24, and (c) pl. 44, 1:250,000, (d) fig. 46, 1:125,000, (e) pl. 49, 1:625,000, N. H. Darton; (f) pl. 37, 1:250,000, N. H. Darton, partly from maps by B. C. Renick. (Fig. 25, 1:95,040, is same as No. 58-a.)
69. Fluorspar in New Mexico: New Mexico Bur. Mines and Min. Resources Bull. 4, 1928. (a) Fig. 4, 1:12,000 (same area as No. 142, pl. 17), (b) fig. 12, 1:15,000, (c) fig. 9, 1:8,400, (d) fig. 18, 1:15,000, (e) fig. 19, 1:21,000, (f) fig. 35, 1:4,000, (g) fig. 36, 1:7,200, W. D. Johnston, Jr. (Fig. 31, 1:62,500, N. H. Darton, is same as No. 36.)
White Star, Oakland, and Universal fluorspar veins near Hot Springs, Sierra County: U.S.G.S. Prelim. Report 3-190, 1945. (a) Pl. 1, 1:2,400, H. E. Rothrock and R. G. Smalley. Also mine maps.
70. Geology and ore deposits of the Ground Hog mine, Central district, Grant County: New Mexico Bur. Mines and Min. Resources Circ. 2, 1930. Map, 1:3,000, S. G. Lasky.
71. Mountains of south-central Colorado, north-central and northeastern New Mexico, and the Texas Panhandle: Kansas Geol. Soc. 4th field conference Proc., 1930. (a) Pocket map, 1:250,000, (b) pocket map, 1:500,000 (reprinted in Kansas Geol Soc. 8th field conference guidebook, 1934), B. H. Parker.
72. Geology and ground-water resources of western Sandoval County: U.S.G.S. Water-Supply Paper 620, 1931. (a) Pl. 1, 1:125,000, (b) pl. 2, 1:48,000, B. C. Renick.
73. Geology of the zinc-lead deposits at Pecos: Econ. Geology, vol. 27, pp. 344-364, 450-470, 1932. Fig. 9, 1:2,760, Philip Krieger. (Fig. 3, 1:84,480, is same area as No. 104-b.)
Geology of the Pecos mine: Eng. and Min. Jour., vol. 131, pp. 270-275, 1931. Fig. 1, 1:9,600, C. E. Stott.
74. Physiography and Quaternary geology of the San Juan Mountains, Colo.: U.S.G.S. Prof. Paper 166, 1932. Fig. 10, 1:625,000, W. W. Atwood and K. F. Mather.
75. Ore deposits of Socorro County: New Mexico Bur. Mines and Min. Resources Bull. 8, 1932. (a) Pl. 4, 1:7,000, (b) fig. 13, 1:110,000, S. G. Lasky; (c) fig. 4, 1:62,500, S. G. Lasky, in part from map by N. H. Darton.
76. Southern Pacific guidebook: U.S.G.S. Bull. 845, 1933. Sheets 18, 19, and 20, 1:500,000, N. H. Darton, C. J. Sarle, and G. B. Richardson.
77. Geology and ground-water resources of the Roswell artesian basin: U.S.G.S. Water-Supply Paper 639, 1933. Pls. 3 and 4, 1:250,000, S. S. Nye.
Ground-water investigation of the Roswell artesian basin: New Mexico State Engineer 8th Bienn. Rept., pp. 81-107, 1928. Map, p. 84, 1:375,000, S. S. Nye.
78. Oil and gas possibilities of New Mexico: New Mexico Bur. Mines and Min. Resources Bull. 9, 1933. (a) Fig. 1 (sandstone beds), 1:40,000, (b) fig. 2 (sandstone beds), 1:62,500, (c) fig. 7 (sandstone beds), 1:125,000 (same as No. 125, fig. 7), (d) pl. 17, 1:187,500, (e) pl. 16, 1:187,500, D. E. Winchester. (Pl. 20, 1:96,000, E. H. Wells, is same as No. 51; pl. 22, 1:280,000, E. M. Parks and D. E. Winchester, is same as No. 125, pl. 11.)
79. Ground water in Curry and Roosevelt Counties: New Mexico State Engineer 10th Bienn. Rept., pp. 98-160, 1933. Fig. 1, 1:1,125,000, C. V. Theis, chiefly from State map by N. H. Darton and others.
80. Geology and fuel resources of the southern part of the San Juan Basin: U.S.G.S. Bull. 860-A, 860-B, and 860-C, 1934 and 1936. (a) Pl. 1 (Bull. 860-A), 1:63,360, J. D. Sears, T. A. Hendricks, A. W. Quinn, and others; (b) pls. 18 and 19 (Bull. 860-B), 1:63,360, C. B. Hunt; (c) pl. 39 (Bull. 860-C), 1:63,360, C. H. Dane.
81. Geology and ore deposits of Sierra County: New Mexico Bur. Mines and Min. Resources Bull. 10, 1934. (a) Pl. 1, 1:348,000, G. T. Harley, and fig. 1, 1:312,500, G. T. Harley, after map by J. M. Hill; (b) pl. 6, 1:20,000, (c) fig. 8, 1:36,000, (d) fig. 9, 1:840, G. T. Harley; (e) fig. 19, 1:62,500, G. T. Harley, after map by C. M. Gordon; (f) pl. 10, 1:20,000, Ellis Clark and G. T. Harley.
82. Geology of the Santa Rita mining area: U.S.G.S. Bull. 859, 1935. Pl. 1, 1:24,000, A. C. Spencer, Sidney Paige, and S. G. Lasky.
Central mining district: Am. Inst. Min. Met. Eng. Trans., vol. 115, pp. 187-208, 1935. Fig. 1, 1:62,500, Harrison Schmitt, partly from maps by Sidney Paige, Allen Pinger, and Gerald Ballmer.
Ore deposits of the Southwest: 16th Internat. Geol. Cong. Guidebook 14, 1933. Pl. 5, 1:62,500, A. C. Spencer.
83. Geology of the Organ Mountains: New Mexico Bur. Mines and Min. Resources Bull. 11, 1935. (a) Pl. 1, 1:312,500, N. H. Darton, revised by K. C. Dunham; (b) pl. 2, 1:62,500, (c) pl. 3, 1:24,000, (d) fig. 20, 1:7,200, (e) fig. 19, 1:1,800, (f) pl. 11, 1:2,400 (also mine map), (g) pl. 12, 1:2,400 (also mine map), (h) pl. 14, 1:2,400, (i) fig. 4, 1:14,000, (j) fig. 13, 1:400, K. C. Dunham. (Fig. 9, 1:18,800, is same as No. 19.)
Xenoliths in the Organ batholith: Am. Mineralogist, vol. 21, pp. 312-320, 1936. (i) Fig. 1, 1:20,000, K. C. Dunham.
84. Glaciation in New Mexico: New Mexico Univ. Bull., geol. ser., vol. 5, No. 1, 1935. Pl. 4 (glacial), 1:437,000, R. W. Ellis.
85. Geology and ore deposits of the Bayard area, Central mining district: U.S.G.S. Bull. 870, 1936. (a) Pl. 1, 1:12,000 (also mine maps), (b) fig. 2, 1:36,000, S. G. Lasky.
86. Successive pediments and terraces of the upper Rio Puerco in New Mexico: Jour. Geology, vol. 44, pp. 145-172, 1936. Fig. 2, 1:700,000, Kirk Bryan and F. T. McCann.
87. Pliocene volcanoes of the Navajo-Hopi country: Geol. Soc. America Bull., vol. 47, pp. 111-172, 1936. Fig. 8, 1:875,000, H. E. Gregory and Howel Williams.
88. The Ceja del Rio Puerco: Jour. Geology, vol. 45, pp. 801-828, 1937. Fig. 4, 1:250,000, Kirk Bryan and F. T. McCann.
89. Permian formations of the Pecos Valley: Am. Assoc. Petroleum Geologists Bull., vol. 21, pp. 833-898, 1937. Fig. 2 (Carlsbad limestone outcrop), 1:750,000, W. B. Lang.
90. Geology and economic features of the pegmatites of Taos and Rio Arriba Counties: New Mexico Bur. Mines and Min. Resources Bull. 13, 1937. (a) Pl. 2, 1:62,500, (b) pl. 3, 1:62,500, Evan Just.
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GEOLOGIC MAP INDEX OF NEW MEXICO

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Scale 1:750,000

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