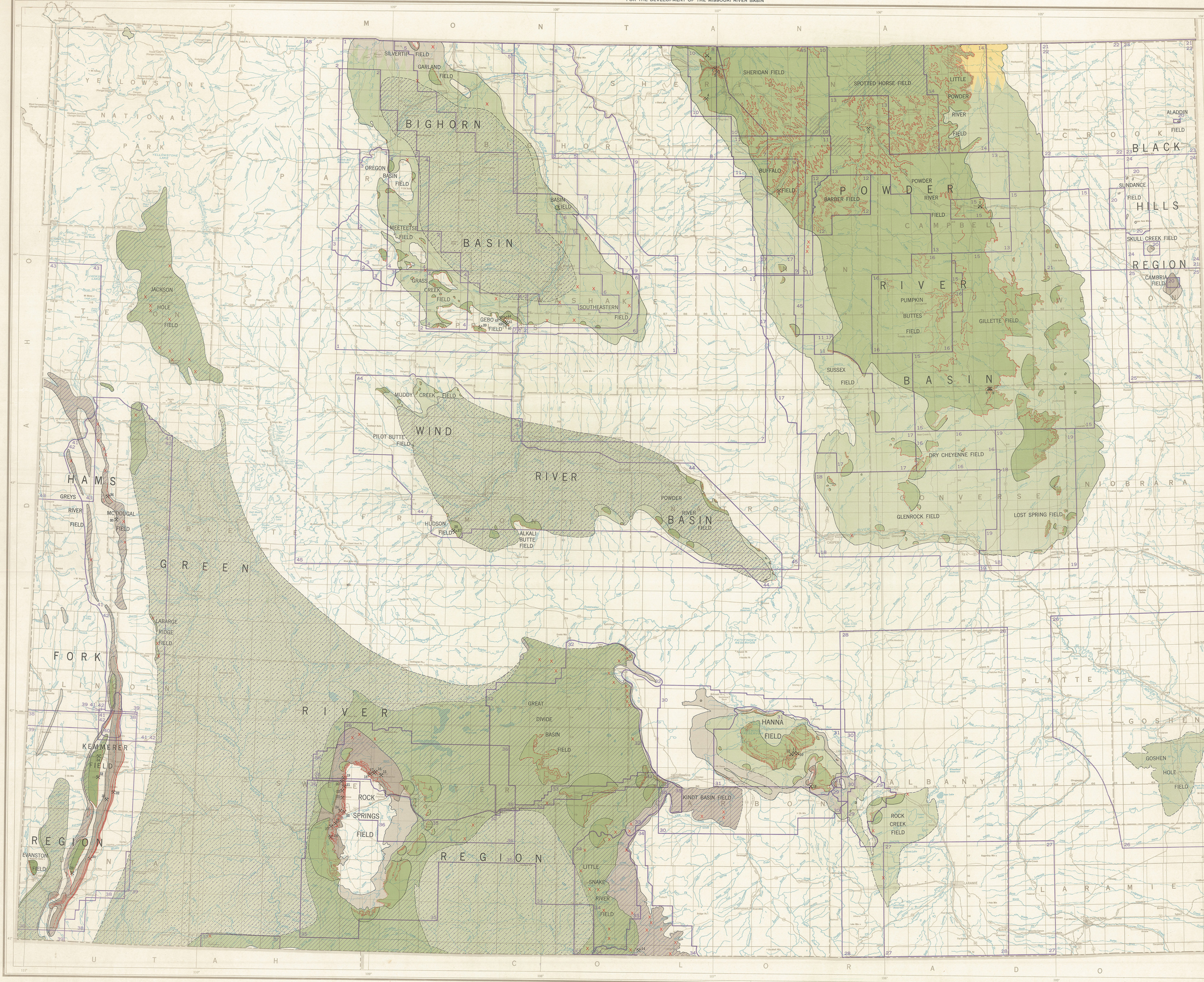
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

PREPARED AS PART OF THE DEPARTMENT OF THE INTERIOR PROGRAM
FOR THE DEVELOPMENT OF THE MISSOURI RIVER BASIN

COAL INVESTIGATIONS
MAP C 6



EXPLANATION

BITUMINOUS COAL

- Area underlain by coal beds more than 14 inches thick
- Area underlain by coal beds less than 14 inches thick
- Area underlain by coal beds of unknown thickness
- Coal outcrop more than 42 inches thick†
- Coal outcrop ranging from 28 to 42 inches thick†
- Coal outcrop ranging from 14 to 28 inches thick†

SUB-BITUMINOUS COAL

- Area underlain by coal beds more than 30 inches thick
- Area underlain by coal beds generally less than 30 inches thick
- Area underlain by coal beds of unknown thickness
- Area in which coal-bearing rocks are concealed. In part deeply buried
- Coal outcrop more than 10 feet thick
- Coal outcrop ranging from 5 to 10 feet thick
- Coal outcrop ranging from 30 inches to 5 feet thick

LIGNITE

- Area underlain by lignite beds less than 30 inches thick

- Area not considered in preparing coal reserve estimate in U. S. Geol. Survey Circular 81 *
- X Occurrence of coal of unknown extent
- Underground mine / Strip mine. Number refers to name in accompanying list
- Outline of area covered by detailed report of U. S. Geol. Survey. Number refers to title in accompanying list

* Coal Resources of Wyoming, U. S. Geol. Survey Circular 81, by Henry L. Berryhill, Jr., Andrew Brown, Donald M. Brown, and Dorothy A. Taylor, 1950. Contains discussion of coal field areas and tables of coal reserves by townships. A copy may be obtained free upon application to the Director, U. S. Geol. Survey, Washington 25, D. C.

† Note: in areas where coal outcrops are crowded, a few beds have been omitted

SELECTED LIST OF COAL MINES IN WYOMING

1. Monarch mine, Sheridan-Wyoming Coal Co. sec. 20, T. 57 N., R. 84 W.
2. Armstrong mine, Custer Coal Co. sec. 28, T. 57 N., R. 84 W.
3. Big Horn mine, Big Horn Coal Co. sec. 36, T. 58 N., R. 85 W.
4. Storm King mines, Storm King Coal Co. sec. 2, T. 55 N., R. 85 W.
5. Wild Horse mine, Frank Korp sec. 24, T. 54 N., R. 77 W.
6. Clear Creek mine, Clear Creek Coal Co. sec. 29, T. 51 N., R. 81 W.
7. Wyodak mine, Wyodak Coal & Mfg. Co. sec. 28, T. 50 N., R. 71 W.
8. Antelope mine, Best Coal Co. sec. 35, T. 41 N., R. 71 W.
9. East Antelope mine, Hazel Niemcyk sec. 35, T. 41 N., R. 71 W.
10. Nugget mine, Nugget Coal Co. sec. 10, T. 22 N., R. 81 W.
11. Hanna No. 4A mine, Union Pacific Coal Co. sec. 9, T. 22 N., R. 81 W.
12. Hanna No. 2 mine, Monolith Portland Midwest Co. sec. 8, T. 22 N., R. 81 W.
13. Garey mine, Elk Mountain Coal Co. sec. 32, T. 21 N., R. 80 W.
14. Pioneer mine, Pioneer Coal Co. sec. 8, T. 12 N., R. 89 W.
15. "D" mine, Union Pacific Coal Co. sec. 19, T. 21 N., R. 102 W.
16. Premier mine, Rock Springs Fuel Co. sec. 20, T. 21 N., R. 102 W.
17. Kleen Fyre mine, Rock Springs Fuel Co. sec. 27, T. 21 N., R. 102 W.
18. D. O. Clark mine, Union Pacific Coal Co. sec. 24, T. 21 N., R. 103 W.
19. Winton No. 7½ mine, Union Pacific Coal Co. sec. 34, T. 21 N., R. 104 W.
20. Winton No. 1 mine, Union Pacific Coal Co. sec. 5, T. 20 N., R. 104 W.
21. No. 9 mine, Colony Coal Co. sec. 17, T. 20 N., R. 104 W.
22. Stansbury mine, Union Pacific Coal Co. sec. 19, T. 20 N., R. 104 W.
23. Reliance No. 1 & 7 mine, Union Pacific Coal Co. sec. 31, T. 20 N., R. 104 W.
24. Rock Springs No. 8 mine, Union Pacific Coal Co. sec. 19, T. 19 N., R. 104 W.
25. Swanson mine, Swanson Mining Co. sec. 20, T. 19 N., R. 104 W.
26. Peacock mine, Colony Coal Co. sec. 11, T. 18 N., R. 105 W.‡
27. Sweetwater No. 2 mine, Gunn-Quealy Coal Co. sec. 15, T. 18 N., R. 105 W.
28. Rainbow mine, Gunn-Quealy Coal Co. sec. 34, T. 18 N., R. 105 W.‡
29. Junction mine, A. C. Bell sec. 8, T. 15 N., R. 118 W.
30. Kendall mine, Jake Zuroski and John Urbania sec. 18, T. 16 N., R. 117 W.
31. Brilliant No. 8 mine, Kemmerer Coal Co. sec. 18, T. 19 N., R. 116 W.
32. Service mine, Dan Shickich sec. 4, T. 19 N., R. 116 W.
33. Elkol mine, Kemmerer Coal Co. sec. 11, T. 20 N., R. 117 W.
34. Twin Creeks mine, Mike Mecca sec. 7, T. 21 N., R. 116 W.
35. Cottonwood mine, H. B. Kleinstick sec. 4, T. 33 N., R. 115 W.
36. Blind Bull mine, Blind Bull Coal Co. sec. 1, T. 34 N., R. 116 W.
37. Williams mine, Victor Frappert sec. 10, T. 33 N., R. 98 W.
38. George mine, Ben George sec. 3, T. 33 N., R. 98 W.
39. Hi-Line mine, Ben F. Goe sec. 30, T. 44 N., R. 96 W.
40. Valley mine, Haverlock and MacCallum sec. 21, T. 44 N., R. 95 W.
41. Osborne mine, Emanuel Vlastos sec. 16, T. 44 N., R. 95 W.
42. Ronceo mine, Ronceo Coal Co. sec. 17, T. 44 N., R. 95 W.
43. Miller mine, Sheridan-Wyoming Coal Co. sec. 7, T. 44 N., R. 95 W.
44. Burnell mines, Burnell Coal Co. secs. 8-9, T. 44 N., R. 95 W.

‡ Location approximate

U.S. GEOLOGICAL SURVEY PUBLICATIONS DESCRIBING COAL AREAS OUTLINED ON MAP

1. Bighorn Basin, geology and water resources: U. S. Geol. Survey Prof. Paper 53, 1906. C. A. Fisher.
2. Southwestern Bighorn Basin, coal fields: U. S. Geol. Survey Bull. 341, pp. 200-219, 1909. E. G. Woodruff.
3. Region south of Cody, geology, oil and coal resources: U. S. Geol. Survey Bull. 921 b, 1941. W. G. Pierce and D. A. Andrews.
4. Oregon Basin, Meeteetse and Grass Creek Basin quadrangles, geology, oil, and coal: U. S. Geol. Survey Prof. Paper 145, 1926. D. F. Hewett.
5. Northeast side Bighorn Basin, coal fields: U. S. Geol. Survey Bull. 341, pp. 165-199, 1909. C. W. Washburne.
6. Southeastern Bighorn Basin coal field: U. S. Geol. Survey Bull. 381, pp. 170-185, 1910. E. G. Woodruff.
7. Bighorn Mountains: U. S. Geol. Survey Prof. Paper 51, 1906. N. H. Darton.
8. Bald Mountain—Dayton quadrangles: U. S. Geol. Survey Geol. Folio 141, 1906. N. H. Darton and R. D. Salisbury.
9. Cloud Peak—Fort McKinney quadrangles: U. S. Geol. Survey Geol. Folio 142, 1906. N. H. Darton and R. D. Salisbury.
10. Sheridan coal field: U. S. Geol. Survey Bull. 341, pp. 123-150, 1909. J. A. Taff.
11. Buffalo coal field: U. S. Geol. Survey Bull. 381, pp. 137-169, 1910. H. S. Gale and C. H. Wegemann.
12. Barber coal field: U. S. Geol. Survey Bull. 531, pp. 263-284, 1913. C. H. Wegemann.
13. Powder River coal field: U. S. Geol. Survey Bull. 381, pp. 115-136, 1910. R. W. Stone and C. T. Lupton.
14. Little Powder River coal field: U. S. Geol. Survey Bull. 471 pp. 423-440, 1912. J. A. Davis.
15. Gillette coal field: U. S. Geol. Survey Bull. 796, pp. 1-50, 1927. C. E. Dobbin and V. H. Barnett.
16. Pumpkin Buttes coal field: U. S. Geol. Survey Bull. 806, pp. 1-14, 1928. C. H. Wegemann, R. W. Howell, and C. E. Dobbin.
17. Sussex coal field: U. S. Geol. Survey Bull. 471, pp. 441-471, 1912. C. H. Wegemann.
18. Glenrock coal field: U. S. Geol. Survey Bull. 341, pp. 151-164, 1909. E. W. Shaw.
19. Lost Spring coal field: U. S. Geol. Survey Bull. 471, pp. 471-515, 1912. D. E. Winchester.
20. Black Hills, coal near: U. S. Geol. Survey Bull. 499, 1912. R. W. Stone.
21. Northern Black Hills and adjoining regions, geology and water resources: U. S. Geol. Survey Prof. Paper 65, 1909. N. H. Darton.
22. Devils Tower quadrangle: U. S. Geol. Survey Geol. Folio 150, 1907. C. C. O'Harra.
23. Aladdin quadrangle: U. S. Geol. Survey Geol. Folio 128, 1905. N. H. Darton and C. C. O'Harra.
24. Sundance quadrangle: U. S. Geol. Survey Geol. Folio 127, 1905. N. H. Darton.
25. Newcastle quadrangle: U. S. Geol. Survey Geol. Folio 107, 1904. N. H. Darton.
26. Patrick and Goshen Hole quadrangles, geology and water resources: U. S. Geol. Survey Water-Supply Paper 70, 1902. G. I. Adams.
27. Laramie—Sherman quadrangles: U. S. Geol. Survey Geol. Folio 173, 1910. N. H. Darton, Eliot Blackwelder, and C. E. Siebenthal.
28. Laramie Basin, geology and mineral resources: U. S. Geol. Survey Bull. 364, 1909. N. H. Darton and C. E. Siebenthal.
29. Rock Creek oil field and adjacent areas: U. S. Geol. Survey Bull. 806, pp. 131-153, 1929. C. E. Dobbin, H. W. Hoots, C. H. Dane, and E. T. Hancock.
30. East-central Carbon County, coal fields: U. S. Geol. Survey Bull. 316, pp. 244-260, 1907. A. C. Veatch.
31. Hanna and Carbon Basins, geology, coal and oil resources: U. S. Geol. Survey Bull. 804, 1929. C. E. Dobbin, C. F. Bowen, and H. W. Hoots.
32. Eastern Great Divide Basin coal field: U. S. Geol. Survey Bull. 341, pp. 220-242, 1909. E. E. Smith.
33. Western Little Snake River coal field: U. S. Geol. Survey Bull. 341, pp. 243-255, 1909. M. W. Ball.
34. Eastern Little Snake River coal field: U. S. Geol. Survey Bull. 381, pp. 186-213, 1910. M. W. Ball and Eugene Stebinger.
35. Southern Rock Springs coal field: U. S. Geol. Survey Bull. 381, pp. 214-281, 1910. A. R. Schultz.
36. Northern Rock Springs coal field: U. S. Geol. Survey Bull. 341, pp. 256-282, 1909. A. R. Schultz.
37. Northwestern Colorado and northeastern Utah, coal fields: U. S. Geol. Survey Bull. 341, pp. 283-315, 1909. H. S. Gale.
38. Southern Uinta County, coal and oil: U. S. Geol. Survey Bull. 285, pp. 331-353, 1906. A. C. Veatch.
39. Part of southwestern Wyoming, geography and geology: U. S. Geol. Survey Prof. Paper 56, 1907. A. C. Veatch.
40. Willow Creek coal area: U. S. Geol. Survey Preliminary Map, 1944. D. A. Andrews.
41. Part of Lincoln County, geology and geography: U. S. Geol. Survey Bull. 543, 1914. A. R. Schultz.
42. Central Uinta County coal fields: U. S. Geol. Survey Bull. 316, pp. 212-241, 1907. A. R. Schultz.
43. Southeastern Idaho and western Wyoming, phosphate and coal: U. S. Geol. Survey Bull. 680, 1918. A. R. Schultz.
44. Wind River region, coal fields: U. S. Geol. Survey Bull. 471, pp. 516-564, 1912. E. G. Woodruff and D. E. Winchester.
45. Northwest Wyoming, geological reconnaissance: U. S. Geol. Survey Bull. 119, 1894. G. H. Eldridge.

POPULATION KEY

CHEYENNE	More than 10,000
Rawlins	2,500 to 10,000
Wheatland	1,000 to 2,500
Shoshoni	Less than 1,000

Population indicated by size of letters

- State Capital
- County Seat
- Cities, towns or villages
- Corporate boundary shown for towns over 2500 population

Scale 1:500,000

10 0 10 20 30 40 Miles

COAL RESOURCES MAP OF WYOMING

Prepared by Henry L. Berryhill, Jr., Donald M. Brown, Ruth N. Burns, and John X. Combo

1951

COAL INVESTIGATIONS
MAP C 6