



**U.S. GEOLOGICAL SURVEY LIBRARY
FIELD RECORDS COLLECTION
DENVER, COLORADO**

ARTHUR COE SPENCER
(1871 – 1964)

NOTES, CORRESPONDENCE, PAPERS

1871 - 1964

(0.8 linear ft. and 3 map folders)

Arthur Coe Spencer was born in Carmel, New York, in 1871. He earned a B.S. in metallurgy from the Case School of Applied Science in 1892 and a Ph.D. in geology from Johns Hopkins in 1896. Spencer was hired as one of the first four civil service professionals at the USGS in 1896 and remained with the agency until his retirement in 1939. He was known for his reconnaissance studies of base and precious metal deposits, and conducted investigations of ore bodies in Alaska, Nevada, Colorado, New Mexico, Pennsylvania, New Jersey, the Lake Superior region, and Cuba. He was elected a Fellow of the Geological Society of America in 1896.

INVENTORY

By

Clay M. Martin
U.S. Geological Survey Field Records Collection
MS 914, Box 25046, Federal Center
Denver, CO 80225-0046
March 2010

Location of Field Notebooks: CS-5: 4

GEOLOGIC RECONNAISSANCE OF THE MONTEZUMA VALLEY-UTE MOUNTAIN AREA, COLORADO-UTAH. 1898.

<u>Item Number</u>	<u>Description</u>
NO-12008	A.C. Spencer. Field notebook with geologic notes and sketches related to field investigations in Montezuma County, Colorado, and San Juan County, Utah. Locations mentioned include Montezuma Valley, Ute Mountain, McElmo Creek, Cottonwood Creek, and the Cortez, Dolores, and Mancos areas. 1898.

GEOLOGY OF COPPER DEPOSITS IN THE ENCAMPMENT DISTRICT, WYOMING. 1902.

NO-12009	A.C. Spencer. Field notebook 1 with geologic notes and sketches and sample data related to field investigations in the Encampment District. 1902.
NO-12010	A.C. Spencer. Field notebook 2 with geologic notes and sketches and sample data related to field investigations in the Encampment District. Also included are notes on the Hahns Peak area, Routt County, Colorado. 1902.
NO-12011	A.C. Spencer and J.V. Lewis. Field notebook 3 with geologic notes and sketches and sample data related to field investigations in the Encampment District. 1902.

Published as: U.S. Geological Survey. Bulletin 213. 1903.

Published as: U.S. Geological Survey. Professional paper 25. 1904.

GEOLOGY AND ORE DEPOSITS OF ELY, NEVADA. 1909-1911.

NO-12012	A.C. Spencer. Group of field notebook pages with geologic notes and sketches related to field investigations in the Ely area. Also included are several press clippings regarding local mining activities. 1909-1910.
NO-12013	A.C. Spencer. Field notebook with geologic notes and sketches and sample data related to field investigation of the Veteran Mine, Ely, Nevada. 1911.

Published as: U.S. Geological Survey. Bulletin 529. 1913.

Published as: U.S. Geological Survey. Professional paper 96. 1917.

GEOLOGY OF THE ATLANTIC GOLD DISTRICT AND THE NORTH LARAMIE MOUNTAINS, WYOMING. 1914.

- NO-12014 A.C. Spencer. Field notebook with geologic notes and sketches related to field investigation of mines in the North Laramie Peak District, Wyoming. 1914.
- NO-12015 A.C. Spencer. Field notebook with geologic notes and production data related to field investigation of mines in the Atlantic District, Wyoming. 1914.
- NO-12016 A.C. Spencer. Field notebook with geologic notes and sketches and sample and production data related to field investigation of mines in the Atlantic and North Laramie Peak Districts, Wyoming. 1914.

Published as: U.S. Geological Survey. Bulletin 626. 1916.

GEOLOGY OF THE SANTA RITA MINING AREA, HANOVER MINING DISTRICT, GRANT COUNTY, NEW MEXICO. 1914-1931.

- NO-12017 A.C. Spencer. Field notebook with geologic notes and sketches and sample data related to field investigation of the Santa Rita mining area. 1914, 1928.
- NO-12018 A.C. Spencer. Field notebook with geologic notes and sketches and sample data related to field investigation of the Santa Rita mining area. 1921.
- NO-12019 A.C. Spencer. Group of field notebook pages with summary data related to exploration drilling in the Santa Rita mining area. 1926-1931.
- NO-12020 A.C. Spencer. Mapping notebook with sketch maps and cross-section diagrams of mines in the Santa Rita mining area, including the Lucky Bill, Black Hawk, Ground Hog, and Grant County properties. 1928.
- NO-12023 Expandable envelope with 19 field sheets with exploration drill hole cross section diagrams, sketch maps, and one geothermal curve diagram related to field investigation of the Santa Rita mining area. 1921.
- MA-03069 Map folder with 24 items:
- Seven sheets with maps of the San Jose Mine.
 - Seven sheets with maps of the Ground Hog Mine.
 - Geologic map of the Santa Rita mining area, based on the USGS Santa Rita Special Map, New Mexico, scale 1:24,000 (1909).
 - Three copies and two partial copies of the USGS Santa Rita Special map, New Mexico, scale 1:24,000 (1909).
 - Four unidentified geologic sketch maps.

- MA-03070 Map folder with 14 items:
- Thirteen sheets with maps and cross-section diagrams of the Ground Hog Mine, Vanadium, New Mexico, including the 300, 350, 400, 450, 500, 550, 600, and 650-foot levels.
 - Sheet with plan and vertical cross-section views of the Lucky Bill Mine, Black Hawk Consolidated Mines Company, Bayard, New Mexico. 1931.

Published as: U.S. Geological Survey. Bulletin 859. 1935.

GEOLOGIC INVESTIGATION OF A PROPOSED DAM SITE ON THE POWDER RIVER AT THIEF VALLEY, OREGON. 1922.

- NO-12021 A.C. Spencer. Field notebook with geologic notes and sketches related to field evaluation of a proposed dam site in Thief Valley. 1922.

GEOLOGIC INVESTIGATION OF TIN DEPOSITS, TAYLOR CREEK DISTRICT, CATRON AND SIERRA COUNTIES, NEW MEXICO. 1928.

- NO-12022 A.C. Spencer. Field notebook with geologic notes and sketches and sample data related to field investigation of the Taylor Creek District. 1928.

GEOLOGIC INVESTIGATION OF PROPOSED DAM SITES IN THE BENHAM FALLS AREA, DESCHUTES RIVER, OREGON. 1934.

- NO-00206 Expandable envelope with draft copy of an unpublished 23-page report entitled "Deschutes investigations, Oregon: Benham Falls reservoir area ", by A.C. Spencer. Also included are a geologic sketch map of Benham Falls and vicinity, Deschutes County, Oregon, and two copies of a cross-section diagram of Benham Falls dam site A. 1934.