



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

CHARLES F. DEISS
(1903 - 1959)

NOTES, CORRESPONDENCE, PAPERS

1932 – 1947

(1.0 linear ft. and 2 map folders)

Charles Frederick Deiss was born in Covington, Kentucky, in 1903. He earned an A.B. degree at Miami University of Ohio in 1925 and a Ph.D. at the University of Michigan in 1928, where he published papers on Cambrian stratigraphy and trilobite paleontology while still a graduate student. Deiss' early career as a geologist included positions on the faculty at Montana State University, as a geologist for the Montana Bureau of Mines, and, from 1942 to 1945, as a geologist for the USGS, where he was in charge of exploration for dolomite and phosphates in the western U.S. for the national strategic minerals effort. In 1945 Deiss became chairman of the Geology Department at Indiana University and State Geologist for Indiana. He was a Fellow of the Geological Society of America and a member of AIME, the Association of American State Geologists, and the Paleontological Society.

INVENTORY

By

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U.S. Geological Survey Field Records Collection

MS 914, Box 25046, Federal Center

Denver, CO 80225-0046

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Location of Field Notebooks: [CS 16-12](#)

GEOLOGY OF THE COOPERS LAKE, OVANDO, AND SILVERTIP 30' QUADRANGLES, MONTANA 1932-1947.

<u>Item Number</u>	<u>Description</u>
MA-02795	Map folder with 10 items: <ul style="list-style-type: none">- one paper copy and one overlay for the Coopers Lake quadrangle, both with extensive geologic annotations.- one paper copy and one overlay for the Ovando quadrangle, both with extensive geologic annotations.- two paper copies, one overlay, and one blueprint of the Silvertip quadrangle, all with extensive geologic annotations.- two compilation sheets of geologic annotations for the Coopers Lake, Ovando, and Silvertip quadrangles.

GEOLOGY OF THE SAYPO 30' QUADRANGLE, MONTANA. 1940-1941.

NO-10852	Notebook. South part of Saypo quadrangle, Montana. Inside cover: "Notebook No. 1. Charles F. Deiss. June 29 to August 11, 1940." Pages 1-76: Geologic and traverse notes with occasional mention of fossils; also, notes of rock samples taken. Sample numbers RS4001 – RS4017. Locations are connected to plane-table stations shown on "Point Map of Field Locations Used in 1940" in map folder MA-02796. Also includes notes on activities in camp. In notes, abbreviations used include "SLS" for "since last station", and "SLSO" for "since last station on" or "since last station over".
NO-10853	Notebook. South part of Saypo quadrangle. Inside cover: "Notebook No. II. Charles F. Deiss. August 12 to Sept. 13, 1940." Geologic and traverse notes, notes of samples taken. Sample numbers 4018 – 4020. Also, notes on activities in camp. See description of item NO-10852 regarding locations and abbreviations.
NO-10854	Typed copy of notes in items NO-10852 and NO-10853. In addition, there are: Rock Sample Catalog 1940 Field Season; Catalog of Fossil Localities in Saypo Quadrangle Collected in 1940 (fossil nos. 1, 2/1, 2/2, 2/3, 2/4, 3,4); Date Index to Field Notes of 1940 South Part of Saypo Quadrangle; Point Index to Field Notes of 1940 South Part of Saypo Quadrangle.
NO-10855	Central Part of Saypo Quadrangle. June 9 – Sept. 9, 1941. Geologic and traverse notes, notes of samples taken, and of fossils. Locations seem to be tied to plane-table stations shown on "Point Map..." in MA-02796. Includes Date Index and Point Index.
MA-02796	Map folder with 5 maps of the Saypo quadrangle, Montana, including 1 map

labeled “Point Map of Field Stations Used in 1940”, and 4 maps with geologic and other annotations.

Published as: U.S. Geological Survey. Open-file report 55-37. 1955.

DOLOMITE STUDIES IN ARIZONA, CALIFORNIA, IDAHO, MONTANA, NEVADA, UTAH, WASHINGTON, AND WYOMING. 1942-1944.

- NO-10856 Notebook. Investigations of dolomite as a possible source of magnesium in Idaho, Montana, Wyoming, and Washington. Aug. 8 – Nov. 29, 1942. Index sheets in front of notebook. Geologic and some stratigraphic notes, reconnaissance notes, meeting notes, summary notes on various areas discussing dolomite reserves, and potential for development. There are also notes on rock sample numbers RS4201 through RS442562.
- NO-08645 Envelope with miscellaneous correspondence, a draft text, and a table of 21 chemical analyses of Madison limestone samples collected in Wyoming. 1942-1943.
- NO-08646 Field Notes and Conference Summaries, August to December 1942. Typed copy of field notes in item 5365.
- NO-08647 Field Notes and Conference Summaries, February to December 1943. Typed copy of field notes, “Dolomite Project, Western United States, U.S. Geological Survey.” Geologic, stratigraphic, and reconnaissance notes, notes of conference with various persons. During February – June, traveled in Arizona, California, and Nevada. Rock sample numbers 4301 – 43332. Occasional mention of fossils; notes of work done in camp or office. Examination of dolomite deposits in Idaho, July 25 – August 26; rock sample numbers RS43333 – RS43521. Examine Deposit in Elko County, Nevada, August 27-28; in Idaho, August 29-31; in Washington State, October 1 – November 22, - deposit near Marble – triangulation notes, topographic and geologic mapping, rock samples numbers RS43522 – RS43556. On page 393, Monday Nov. 22 – descriptive list of chip- and rock-samples, numbers RS43542 through RS43556.
- NO-08648 Field Notes. 1944. California, Nevada, Utah, Washington. Typed copy of field notes and meeting/conference summaries. Rock samples numbers RS4401 – RS44245; chip sample numbers 4434 – 44143. Pages 1-240: reconnaissance over Sloan map area, Nevada – triangulation and topographic notes, geologic notes, notes of meetings; Pages 240-280: notes on dolomite deposits and claims near Hinkley, California; notes on reconnaissance for dolomite deposits in region northeast, and north of San Fernando, and northwest of Sunland, California; notes on reconnaissance over Natividad dolomite deposit; notes on Bethlehem Steel Co. quarry; notes on dolomite southeast of Hollister; notes on Columbia Marble Quarry dolomite deposit in Tuolumne County, plus other quarries in the area;

notes on dolomite deposits on west side of Inyo Range, north of Keeler, California; Pages 280-285: notes on dolomite in Marble Canyon, southeast of Bishop, California and on Reed dolomite west of Black Canyon; Pages 287-307: notes on Grantsville dolomite, near Ophir; notes on Bluebird and Cole Canyon dolomites on southeast ridge of Bluebird Spur, near Eureka, Utah; notes on Cambrian dolomite south of Leamington limestone quarry; notes on dolomite in and near Harold quarry at Stone (Station), Utah County, Utah; notes on dolomite south of Brigham; notes on Blacksmith dolomite on Blacksmith Fork; notes on reconnaissance over Garden City and Fish Haven dolomite, up Left Fork of Blacksmith Fork, up Logan Canyon; Pages 309-321 (end): notes on reconnaissance over dolomite near Marble, in vicinity of Colville, Washington, including mapping breccia zones, joints, and faults, and including notes on photos taken.

NO-08649 War Mineral Reports. Correspondence and sample analysis reports, mostly relating to work on Wyoming dolomite, 1942-1943. Includes copies of monthly progress reports for November and December 1942. The November report includes activities in Montana and Wyoming; the December report includes activities mostly in Deiss' office in Missoula, Montana. Correspondents include: Eugene Callaghan, S.G. Lasky, Edmund S. Leaver, J.A. Marsh, and H.W. St. Clair.

Published as: U.S. Geological Survey. Open-file report 45-11 (previously 626). 1945.

Published as: U.S. Geological Survey. Open-file report 49-27. 1949.

Published as: U.S. Geological Survey. Bulletin 973-C. 1950.

Published as: U.S. Geological Survey. Bulletin 1027-C. 1955.