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JOE FRED SMITH
(1911 -)

NOTES, CORRESPONDENCE, PAPERS

1941 - 1978

(3.6 linear ft. and 7 map folders)

INVENTORY

By

Clay M. Martin

U.S. Geological Survey Field Records Collection

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May 2011

Location of Field Notebooks: CS-5: 11-12

GEOLOGY OF THE CIMARRON RANGE, NEW MEXICO. 1941.

<u>Item Number</u>	<u>Description</u>
NO-06023	Expandable envelope with 15 items: <ul style="list-style-type: none">- Group of 12 sheets with sketch maps of areas in the Taos 30' quadrangle and the Cimarron, Miami, Tooth of Time, and Ute Park 15' quadrangles.- Two sheets with geologic sketch maps related to an area identified as "College Station".- Sheet with sketches of geologic structures. Location not indicated.

Published as: Geological Society of America Bulletin. Vol. 54, No. 7. 1943.

WAR MINERALS INVESTIGATIONS IN CALIFORNIA, NEVADA, NEW MEXICO, AND UTAH. 1942-1944.

NO-06024	J.F. Smith. Field notebook with geologic notes and sketches related to field investigations in the Aurum Mining District, Nevada, and the Modoc Mining District, California. 1942-1943.
NO-06025	J.F. Smith and A.H. Wadsworth. Field notebook with plane-table survey data related to field investigations in the Aurum Mining District, Nevada, the Modoc and Slate Mining Districts, California, and the New Placers Mining District, New Mexico. 1942-1943.
NO-06026	J.F. Smith and A.H. Wadsworth. Field notebook with geologic notes and sketches related to field investigations in the Modoc and Slate Range Mining Districts, California. 1943.
NO-06027	J.F. Smith and A.H. Wadsworth. Field notebook with geologic notes and sketches related to field investigations at the San Pedro Mine and other locations in the New Placers Mining District, New Mexico. 1943.
NO-06028	Expandable envelope with five folders: <ul style="list-style-type: none">- Folder 1. Notes, correspondence, research materials, and other data related to field investigation of the Aurum Mining District, White Pine County, Nevada.- Folder 2. Correspondence, research materials, and other data related to field investigation of the Silver Queen fluorspar property, Tooele County, Utah.- Folder 3. Notes, correspondence, research materials, maps, sketches, and other data related to field investigation of the Ophir and Gold Bottom Mines, Slate Range Mining District, Inyo County, California.- Folder 4. Notes, correspondence, research materials, draft text, maps, sketches, and other data related to field investigation of the Modoc Mining District, Inyo County, California.

- Folder 5. Notes, correspondence, research materials, maps, sketches, and assay and drill hole data related to field investigation of the San Pedro Mine and other sites in the New Placers Mining District, Santa Fe County, New Mexico.

MA-00941 Map folder with 10 items:

- Plane-table sheet with maps of five areas identified as Grand Deposit Mine, Siegel Creek (both in the Aurum District, White Pine County, Nevada), Colo. Group Mine (Argus District, Inyo County, California), West Butte, and Kansas Pioche.
- Plane-table sheet with maps of two areas identified as Grand Deposit and Silver Canyon (both in the Schell Creek Range, Nevada).
- Plane table sheet with maps of two areas identified as Osborne-Doan and Modoc Mine (both in the Modoc District, Inyo County, California).
- Plane table sheet with maps of two areas identified as Minietta Mine (Argus Range, California) and King-Hodge area (Modoc District, Inyo County, California).
- Geologic cross section diagram showing structure and stratigraphy between the Shoshone Range and the Ruby Mountains, Nevada.
- Sheet with sketch map and cross-section diagram showing geology, mining claims, and drill holes in the New Placers District, New Mexico.
- Folder with four sheets of correspondence, a geologic map, and a cross-section diagram related to the San Pedro Mine, New Placers District, Santa Fe County, New Mexico.
- Sheet with geologic cross-section sketch of an area in the Slate Range Mining District, Inyo County, California.
- Draft version of a geologic map of the Gold Bottom Mine-Ophir Mine area, Slate Range, Inyo County, California.
- Draft version of an index map of the Modoc and Slate Range Districts, Inyo County, California.

Published as: U.S. Geological Survey. Open-file report no. 45-21 (formerly 244). 1945.

**GEOLOGY OF THE CARTERSVILLE AND HATHAWAY 15'
QUADRANGLES, CUSTER AND ROSEBUD COUNTIES, MONTANA.
1945.**

NO-12081 J.F. Smith. Field notebook with geologic notes and sketches and photography, sample, stratigraphic section, and engineering geology data related to field investigation of the Cartersville and Hathaway 15' quadrangles and the Lock 30' quadrangle. 1945.

NO-12082 Envelope with miscellaneous information and data related to field investigation of

the Cartersville and Hathaway 15' quadrangles, including notes on tests of river terrace gravels, drill hole logs, notes on industrial mineral occurrences, and stratigraphic section descriptions.

NO-12083 Document box with 152 black and white aerial photographs, some with annotations, covering the Cartersville and Hathaway 15' quadrangles and vicinity. 1944 survey.

Published as: U.S. Geological Survey. Miscellaneous geologic investigations map I-155. 1956.

GEOLOGY OF THE LOWER MARIAS RIVER, CHOUTEAU, HILL, AND LIBERTY COUNTIES, MONTANA. 1946.

NO-12084 J.F. Smith and I. J. Witkind. Field notebook with geologic notes and sketches and sample, stratigraphic section, terrace gravel profile, and photography data related to field investigations in the lower Marias River basin. 1946.

NO-12085 J.F. Smith. Group of field notebook pages with geologic notes and sketches and stratigraphic section and terrace gravel data related to field investigations in the lower Marias River basin. 1946.

NO-12086 J.F. Smith and I.J. Witkind. Group of field notebook pages with geologic notes and sketches and stratigraphic section, terrace gravel, and photography data related to field investigations in the lower Marias River basin. 1946.

NO-12087 J.F. Smith. Field notebook with geologic notes and sketches and stratigraphic section and sample data related to field investigations in the lower Marias River basin. 1946.

NO-12088 J.F. Smith, D.E. Trimble, and E.G. Duckworth. Field notebook with geologic notes and sketches and aerial photo data related to field investigations in the lower Marias River basin. 1946.

NO-12089 J.F. Smith. Group of field notebook pages with geologic notes and sketches and aerial photo data related to field investigations in the lower Marias River basin. 1946.

NO-12090 J.F. Smith. Group of field notebook pages with geologic notes and sketches and glacial deposit and stratigraphic section data related to field investigations in the lower Marias River basin. Also included are two annotated maps of the lower Marias River basin. 1946.

NO-12091 Expandable envelope with two folders of stratigraphic section data related to field investigation of the lower Marias River basin:
- Folder 1. Typed descriptions of sections 1 (two copies) and E-1 through E-5.

- Folder 2. Seven stratigraphic section diagrams.
- NO-12092 Document box with approximately 330 black and white aerial photographs, most with annotations, covering the lower Marias River basin and adjacent areas. 1939-1940 surveys.
- NO-12093 Document box with approximately 140 black and white aerial photographs, most with annotations, covering the lower Marias River basin and adjacent areas. 1937-1939 surveys.
- NO-12094 Expandable envelope with approximately 50 black and white aerial photographs, most with annotations, covering the lower Marias River basin and adjacent areas. 1937-1939 surveys.
- MA-03081 Map folder with 66 items:
- Group of 22 annotated U.S. Bureau of Reclamation topographic maps from a series entitled "Tiber Canal, Lower Marias Unit, Montana".
 - Group of 13 sheets with annotated preliminary geologic maps of the Black Coulee (four copies), Dobie Ridge (three copies), Fourteenmile Coulee (three copies), and Lothair (three copies) 15' quadrangles.
 - U.S. Bureau of Reclamation Missouri Basin Project photomosaic map of the lower Marias River basin showing Tiber Dam, dam construction camp, and borrow pits. 1948.
 - Three sheets with draft versions of graphs showing pebble content in the Chester and Pondera tills.
 - Group of eight film negatives of geologic maps of the lower Marias River area. Scale 1: 96,000.
 - Draft version of an index map of the lower Marias River area.
 - Draft version of figure 15, USGS Bulletin 1071-E.
 - Draft version of Plate 11, USGS Bulletin 1071-E.
 - Two sheet with draft versions of Plate 12, USGS Bulletin 1071-E.
 - Two sheets with draft versions of the geologic map and explanation published as Plate 10, USGS Bulletin 1071-E.
 - Compilation map composed of joined copies of geologic maps of the Goose Mountain No. 1, Goose Mountain No. 2, Lonesome Lake No. 2, and Lothair 15' quadrangles, reproduced at a scale of approximately 1: 48,000.
 - Four sheets with draft versions of preliminary geologic maps of the Goose Mountain No. 1, Goose Mountain No. 2, Lonesome Lake No. 2, and Lothair 15' quadrangles, reproduced at a scale of approximately 1: 48,000.
 - Four stratigraphic section diagrams.
 - Sheet with draft versions of diagrams showing cross sections of exotic gravel deposits in the lower Marias River area.
 - Sheet with draft version of a map of the lower Marias River area, showing unidentified outlined areas.

Published as: U.S. Geological Survey. Bulletin 1071-E. 1960.

GEOLOGY OF THE CAPITOL REEF AREA, WAYNE AND GARFIELD COUNTIES, UTAH. 1951-1954.

- NO-06118 J.F. Smith, R.G. Luedke, E.N. Hinrichs, and J.D. Sears. Two groups of field notebook pages with geologic notes and sketches and mine and aerial photo data related to field investigation of the Capitol Reef area. 1951-192.
- NO-06119 J.F. Smith, L.C. Huff, E.N. Hinrichs, and R.G. Luedke. Two groups of field notebook pages with geologic notes and sketches and stratigraphic section, sample, and aerial photo data related to field investigation of the Capitol Reef area. 1953.
- NO-06120 J.F. Smith, L.C. Huff, E.N. Hinrichs, and R.G. Luedke. Group of field notebook pages with geologic notes and sketches and mining claim, geochemical sampling, and stratigraphic section data related to field investigation of the Capitol Reef area. 1952-1954.
- NO-06121 J.F. Smith, L.C. Huff, E.N. Hinrichs, R.G. Luedke, and J.D. Sears. Group of field notebook pages with stratigraphic section notes for 26 locations in the Capitol Reef area. 1951-1953.
- NO-06122 J.F. Smith and R.G. Luedke. Notebook with listings, descriptions, and analytical data for samples taken during field investigation of the Capitol Reef area.
- NO-06123 Expandable envelope with three folders:
- Folder 1. Group of mine and claim sketch maps, cross-section diagrams, notes, and other data related to uranium mines and claims in the Capitol Reef area, including the Oyler, Olympic Uranium Company, and Oak Creek (Heinecke Bros.) Mines, and the Black's, Blue Bell, and Fremont Associates No. 1 Steer Point claims.
 - Folder 2. Group of geologic formation and stratigraphic section descriptions related to field investigation of the Capitol Reef area.
 - Folder 3. Group of sheets with uranium mining and production data for the Capitol Reef area.
- NO-06958 Expandable envelope with 70 black and white aerial photographs, some with annotations, covering the Capitol Reef area. 1951-1952 surveys.
- NO-06959 Expandable envelope with 85 black and white aerial photographs, some with annotations, covering the Capitol Reef area. 1948 survey.
- NO-06960 Expandable envelope with 87 black and white aerial photographs, some with annotations, covering the Capitol Reef area. 1948 survey.

- NO-06961 Expandable envelope with 95 black and white aerial photographs, some with annotations, covering the Capitol Reef area. 1950 survey.
- NO-06962 Expandable envelope with 80 black and white aerial photographs, some with annotations, covering the Capitol Reef area. 1950 survey.
- NO-06963 Expandable envelope with 75 black and white aerial photographs, some with annotations, covering the Capitol Reef area. 1950 survey.
- NO-06964 Expandable envelope with 41 black and white aerial photographs, some with annotations, covering the Capitol Reef area. 1950 survey.
- NO-06965 Expandable envelope with 96 black and white aerial photographs, some with annotations, covering the Capitol Reef area. 1950 survey.
- MA-00959 Map folder with 21 items:
- Plane-table sheet with geologic map of the Oak Creek area, with tracing-paper overlay. 1953.
 - Two plane-table sheets with maps of the Oyler Mine and vicinity, Wayne County, Utah. 1950, 1952.
 - Three plane-table sheets with maps of the Capitol Reef area in the vicinity of Bicknell, Torrey, and Grover, Wayne County, Utah. 1951-1952.
 - Plane-table sheet with triangulation data for the south Capitol Reef area, Wayne County, Utah. 1952.
 - Group of 14 sheets with survey data, calculations, and sketch maps related to sampling and reserve calculations for the Oyler Mine, Wayne County, Utah.
 - Two sheets with draft versions of isometric diagrams of the Oyler Mine, Wayne County, Utah.
 - Five sheets with draft versions of geology, structure, and ore body maps for the Oyler Mine, Wayne County, Utah.
 - Two sheets with survey data for a plan map of the Oyler Mine, Wayne County, Utah.
 - Draft version of a geologic cross-section diagram of the Oyler Mine, Wayne County, Utah.
 - Three sheets with tabularized data related to prospects, claims, mines, sample localities, and sample analysis in the Capitol Reef area.
- MA-00960 Map folder with 34 items:
- Three partial copies, with annotations, of the Bicknell 7.5' quadrangle, Wayne County, Utah.
 - Two complete and three partial reproductions, with annotations, of the Loa 1 NE 7.5' quadrangle, Wayne County, Utah.
 - Reproduction, with annotations, of the Loa 4 NE 7.5' quadrangle, Wayne County, Utah.
 - Two complete and one partial reproduction, with annotations, of the Notom 1 SW 7.5' quadrangle, Wayne County, Utah.

- Three reproductions, with annotations, of the Notom 2 NE 7.5' quadrangle, Wayne County, Utah.
- Three complete and one partial reproduction, with annotations, of the Notom 2 NW 7.5' quadrangle, Wayne County, Utah.
- Two complete and one partial reproduction, with annotations, of the Notom 2 SE 7.5' quadrangle, Wayne County, Utah.
- Two reproductions, with annotations, of the Notom 2 SW 7.5' quadrangle, Wayne County, Utah.
- Two reproductions, with annotations, of the Notom 3 NE 7.5' quadrangle, Wayne County, Utah.
- Reproduction, with annotations, of the Notom 3 NW 7.5' quadrangle, Wayne County, Utah.
- Two reproductions, with annotations, of the Notom 3 SE 7.5' quadrangle, Wayne County, Utah.
- Reproduction, with annotations, of the Notom 3 SW 7.5' quadrangle, Wayne County, Utah.
- Reproduction, with annotations, of the Notom 4 NE 7.5' quadrangle, Wayne County, Utah.
- One complete and one partial reproduction, with annotations, of the Notom 4 NW 7.5' quadrangle, Wayne County, Utah.
- Reproduction, with annotations, of the Notom 4 SE 7.5' quadrangle, Wayne County, Utah.
- Two reproductions, with annotations, of the Notom 4 SW 7.5' quadrangle, Wayne County, Utah.

MA-00961 Map folder with six items:

- Draft version of an index map of the Capitol Reef area.
- Two draft versions of a geology and mineral deposits map of the south half of the Capitol Reef area, with annotations.
- Draft version of a geology and mineral deposits map of the north half of the Capitol Reef area, with annotations.
- Sheet with draft version of fence diagram correlating Kaibab Limestone and the Sinbad member of the Chinle Formation.
- Sheet with three unidentified stratigraphic section diagrams.

Published as: U.S. Geological Survey. Trace elements memorandum report TEM-247. 1951.

Published as: U.S. Geological Survey. Trace elements investigations report TEI-203. 1952.

Published as: U.S. Geological Survey. Trace elements memorandum report TEM-538. 1953.

Published as: U.S. Geological Survey. Trace elements memorandum report TEM-787. 1954.

Published as: U.S. Geological Survey. Professional paper 363. 1963.

**GEOLOGY OF THE STREVELL 15' QUADRANGLE AND ADJACENT
AREAS IN THE BLACK PINE AND SUBLETT RANGES, CASSIA
COUNTY, IDAHO. 1974-1978.**

- NO-12095 J.F. Smith. Field notebook with geologic notes and sketches and photography data related to field investigation of the Strevell 15' quadrangle. 1974-1975.
- NO-12096 J.F. Smith. Field notebook with geologic notes and sketches and photography data related to field investigation of the Strevell 15' quadrangle. 1975-1976.
- NO-12097 J.F. Smith. Field notebook with geologic notes and sketches and photography data related to field investigation of the Strevell 15' quadrangle. 1976-1978.
- NO-12098 Expandable envelope with record book of rock and fossil samples taken during field investigation of the Strevell 15' quadrangle. 1974-1978.
- NO-12099 Envelope with box of 39 microscopic thin section slides from sedimentary rock samples taken during field investigation of the Strevell 15' quadrangle.
- NO-12100 Document box with 13 folders:
- Folder 1. Group of referred fossil reports for specimens taken in and near the Strevell 15' quadrangle.
 - Folder 2. Group of referred fossil reports for specimens taken in and near the Strevell 15' quadrangle.
 - Folder 3. Potassium-argon dating data for argillite samples from the Strevell 15' quadrangle.
 - Folder 4. Group of sheets with notes and lists of tasks related to the completion schedule for field investigations in the Strevell 15' quadrangle.
 - Folder 5. Analytical data for samples taken in the Strevell 15' quadrangle.
 - Folder 6. Miscellaneous data related to age determination of the Manning Canyon Formation, including research materials, potassium-argon dating data, and geologic cross-section diagrams.
 - Folder 7. Miscellaneous data related to stratigraphy, including stratigraphic section and correlation diagrams, unit thickness data, sketch maps, and copies of geologic map explanations.
 - Folder 8. Miscellaneous data related to the geology of the Black Pine Mountains, Idaho, including sketch maps, stratigraphic section and geologic cross-section diagrams, and three sheets with notes and sketches describing the Tolman Mine.
 - Folder 9. Group of 16 black and white high-altitude aerial photographs, some with annotations, covering the Strevell 15' quadrangle and vicinity. 1953 survey.
 - Folder 10. Group of four black and white aerial photographs covering the Strevell 15' quadrangle and vicinity. 1976 survey.
 - Folder 11. Group of approximately 40 black and white aerial photographs, some with annotations, covering the Strevell 15' quadrangle and vicinity.

- 1966 survey.
- Folder 12. Group of approximately 60 black and white aerial photographs, some with annotations, covering the Strevell 15' quadrangle and vicinity. 1966 survey.
- Folder 13. Group of approximately 45 black and white aerial photographs, some with annotations, covering the Strevell 15' quadrangle and vicinity. 1966 survey.

- MA-03082 Map folder with 33 items:
- Six copies of the Strevell 15' quadrangle, with annotations.
 - Fifteen paper reproductions of the Strevell 15' quadrangle, enlarged to a scale of approximately 1:48,000, with annotations.
 - Three drafting film reproductions of the Strevell 15' quadrangle, enlarged to a scale of approximately 1:48,000, with annotations.
 - Nine sheets with draft versions of geologic cross-section diagrams across the Strevell 15' quadrangle.

- MA-03083 Map folder with 39 items:
- Draft version of a bouguer gravity map of the Idaho Falls and Pocatello 1 x 2-degree quadrangles, Idaho, with annotations.
 - Two paper and 21 drafting film field maps made from reproductions of portions of the Strevell 15' quadrangle.
 - Two draft versions of a geologic map of the northern Sublett Range and vicinity, Idaho.
 - Copy of the Sublett 15' quadrangle showing locations of fossil specimens.
 - Reproduction of the Sublett 15' quadrangle, enlarged to a scale of approximately 1:40,000, with geologic annotations.
 - Nine sheets with draft versions of stratigraphic correlation diagrams.
 - Two sheets with a total of 12 geologic cross-section diagrams across the northern Sublett Range, Idaho.

Published as: U.S. Geological Survey. Miscellaneous geologic investigations map I-1403. 1982.