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**DOUGLAS MAYNARD SHERIDAN**  
(1921 - )

NOTES, CORRESPONDENCE, PAPERS

1947 - 1971

(3.9 linear ft. and 11 map folders)

INVENTORY

By

Carol A. Edwards

Revised and Edited by Clay M. Martin

U.S. Geological Survey Field Records Collection

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August 2004/March 2009

Location of Field Notebooks: CS 14-1, 2

**GEOLOGY AND BERYL DEPOSITS OF THE PEERLESS PEGMATITE,  
PENNINGTON COUNTY, SOUTH DAKOTA. 1947-1954.**

<u>Item Number</u>	<u>Description</u>
NO-00577	W.R. Thurston, A.J. Lang, Jr., L.R. Page, and H.G. Stephens. Field notebook 1 with sketches, maps, and geologic and sample notes for the Peerless pegmatite. 1947.
NO-00578	H.G. Stephens. Field notebook 2 with sketches, maps, and geologic and sample notes for the Peerless pegmatite. 1947.
NO-00579	M.H. Staatz. Field notebook 3 with sketches, maps, and geologic and sample notes for the Peerless pegmatite. 1947.
NO-00580	D.M. Sheridan, J.J. Norton, and R.E. Roadifer. Field notebook 4 with diamond drill hole field logs for the drilling program conducted by the U.S. Bureau of Mines at the Peerless pegmatite. 1949.
NO-00581	D.M. Sheridan and M.H. Staatz. Field notebook 5 with field notes for 1951 and office notes for 1953 on for the Peerless pegmatite. 1951, 1953.
NO-00582	A.J. Lang, Jr., R.E. Roadifer, D.M. Sheridan, M.H. Staatz, H.G. Stephens, and W.R. Thurston. Vertical angle book pages with survey information for the Peerless pegmatite. 1947, 1949.
NO-00583	Two expandable envelopes with Peerless pegmatite exploration data from 1949-1950 including: <ul style="list-style-type: none"><li>- seven groups of original detailed diamond drill hole data.</li><li>- one group of U.S. Bureau of Mines diamond drill hole logs.</li></ul>
MA-02808	Map folder with eight items: <ul style="list-style-type: none"><li>- three versions of a map of the underground workings at the Peerless Mine. Scale 1:480. 1949-1950.</li><li>- two versions of a geologic cross-section diagram of the Peerless pegmatite.</li><li>- two versions of a figure showing orientations of cross-section diagrams for the Peerless pegmatite, to be used as an illustration in Professional paper 297-A.</li><li>- one plane table sheet showing topography, geology, and mine workings at the Peerless pegmatite. Scale 1:480.</li></ul>
MA-00137	Map folder with 10 items: <ul style="list-style-type: none"><li>- four sheets of geologic cross-section diagrams of the Peerless pegmatite.</li><li>- two versions of large-scale geologic maps of the Peerless pegmatite.</li><li>- two versions of a map showing geologic plans of the Peerless pegmatite at</li></ul>

4560 and 4620 feet above sea level, with orientations of geologic cross-sections indicated.

- two versions of a correlation chart of the Peerless pegmatite, showing sequence of layers in the border and wall zones where cut by diamond drill holes.

MA-00415 Map folder with 13 items:

- nine versions of large-scale geologic maps of the Peerless pegmatite.
- four sheets of geologic cross section diagrams of the Peerless pegmatite.

Published as: U.S. Geological Survey. Trace elements investigations report TEI-226. 1955.

Published as: U.S. Geological Survey. Professional paper 297-A. 1957.

### **GEOLOGY OF THE HIGH CLIMB PEGMATITE, CUSTER COUNTY, SOUTH DAKOTA. 1948.**

MA-02809 Map folder with one plane table sheet showing topography, geology, and mine workings at the High Climb pegmatite. Scale 1:240. Plane table traverse by V.R. Wilmarth and D.M. Sheridan. Geology and topography by D.M. Sheridan, R.E. Roadifer, J.J. Norton, and L.R. page. Explanation on back of sheet. 1948.

Published as: U.S. Geological Survey. Trace elements investigations report TEI-231. 1953.

Published as: U.S. Geological Survey. Bulletin 1015-C. 1955.

### **GEOLOGY OF THE LOST CREEK SCHROECKINGERITE DEPOSITS, SWEETWATER COUNTY, WYOMING. 1950-1952.**

NO-04059 D.M. Sheridan, A.J. Erickson, and D.G. Wyant. Field notebook with notes on auger holes ES-1 – ES-37. Lost Creek Lake 15' quadrangle, Sweetwater County. Book 1. 1950-1951.

NO-04060 D.M. Sheridan, J.T. Collier, A.J. Erickson, H. Masursky, and G.N. Pipiringos. Field notebook with notes on auger holes ES-38 – ES-117. Hansen Lake 7.5' quadrangle, and Lost Creek Butte and Lost Creek Lake 15' quadrangles, Sweetwater County. Book 2. 1951.

NO-04061 D.M. Sheridan, J.T. Collier, A.J. Erickson, and A.M. Heyman. Field notebook with notes on auger holes ES-118 – ES-136. Lost Creek Lake 15' quadrangle, Sweetwater County. Book 3. 1951.

NO-04062 Notebook. D.M. Sheridan and J.T. Collier. Field notebook 4 with survey notes for Lost Creek. 1951.

- NO-04063 D.M. Sheridan, J.T. Collier, and A.M. Heyman. Field notebook 5 with notes on bucket holes B-1 – B-38. Lost Creek Lake 15’ quadrangle, Sweetwater County. 1951.
- NO-04064 D.M. Sheridan, J.T. Collier, and A.M. Heyman. Field notebook 6 with notes on bucket holes B-39 – B-70. Lost Creek Lake 15’ quadrangle, Sweetwater County. 1951.
- NO-04065 Field notebook 7 with notes on samples from trenches #1 and #3. Lost Creek Lake 15’ quadrangle, Sweetwater County. No date.
- NO-04066 Field notebook 8 with notes on samples from trenches #1 and #3. Sweetwater County. No date.
- NO-04067 L.R. Page, C.T. Pierson, and D.M. Sheridan. Field notebook 9 with notes on samples from trenches #1 - #12. Lost Creek Lake 15’ quadrangle, Sweetwater County. 1952.
- NO-04068 D.M. Sheridan, J.T. Collier, L.R. Page, and D.G. Wyant. Field notebook 10 with geologic notes from Lost Creek. 1952.
- NO-04069 Field notebook 11 with notes on scintillometer traverse and on radiometric samples. Trenches #3, #7 - #13. Lost Creek 7.5’ quadrangle, Sweetwater County. 1952.
- NO-04070 L.R. Page. Field notebook 12 with geologic notes from Lost Creek. No date.
- NO-04071 Field notebook 13 with geologic and water notes from Lost Creek. No date.
- NO-04072 E.P. Beroni. Field notebook 14 with geologic and radiometric traverse notes from Lost Creek. No date.
- NO-04073 C.H. Maxwell. Field notebook with plane table survey data from Lost Creek. No date.
- NO-04074 Envelope with 16 vertical angle notebooks and index sheet.
- NO-04075 Expandable envelope with:
- one sheet showing results of semiquantitative spectrographic analyses of samples from the Lost Creek area.
  - one leather notebook of trench measurements and sample analyses.
- NO-04076 Two expandable envelopes with Lost Creek analyses:
- Folder 1. analyses of lithologic samples.
  - Folder 2. two groups of analyses of Jeep auger samples.

- Folder 3. bucket hole analyses.
- Folder 4. nine groups of analyses of trench samples.
- Folder 5. water analyses.
- Folder 6. spectrographic analyses.
- Folder 7. assay sheets dated 1952.
- Folder 8. analyses by E.P. Beroni of eU and U.
- Folder 9. schroekingerite analyses.
- Folder 10. analyses of DS-R samples.
- Folder 11. analyses of DS-L samples for eU and U.
- Folder 12. spectrographic analyses of DS-L samples; sections for trenches 1 through 13, and 6 groups of miscellaneous sections.

NO-04077 Two expandable envelopes with analytical data.

MA-02810 Map folder with 14 items:

- 13 plane table sheets;
- one paper map, Miocene traverse sheet.

MA-02811 Map folder with 52 items:

- Typed Table 6 – Comparison of Channel Samples and Face-cut Samples From Representative Schroekingerite Deposits in Trench 1, Lost Creek Schroekingerite Deposit, Sweetwater County, Wyoming;
- Manuscript, Appendix C – Drill logs of Jeep-auger holes ES-1 through ES-129, Lost Creek area (33 pages);
- Manuscript, Appendix D – Drill logs of Bucket holes B-1 through B-70, Lost Creek area (17 pages);
- Typed Appendix G: Radioactivity data exclusive of Schroekingerite, Lost Creek Area, Wyoming.

MA-00673 Map folder with four large aerial photos, numbers CWY-9: 120-121, 191-192, with annotations.

Published as: U.S. Geological Survey. Bulletin 1087-J. 1961.

Published as: U.S. Geological Survey. Bulletin 1030-I. 1956.

Published as: U.S. Geological Survey. Trace elements investigations report TEI-302. 1956.

Published as: U.S. Geological Survey. Trace elements memorandum TEM-183. 1950.

Published as: U.S. Geological Survey. Trace elements memorandum TEM-183-A. 1950.

Published as: U.S. Geological Survey. Trace elements memorandum TEM-284. 1951.

Published as: U.S. Geological Survey. Trace elements memorandum TEM-288. 1952.

Published as: U.S. Geological Survey. Trace elements memorandum TEM-518. 1953.

**GEOLOGY AND URANIUM DEPOSITS OF THE RALSTON BUTTES  
DISTRICT, JEFFERSON COUNTY, COLORADO. 1953-1958.**

- NO-04166 Albee, A.L. Field notebook 1 with geologic notes and station numbers RA-1 – RA-373. Black Hawk 7.5' quadrangle, Gilpin County, and Ralston Buttes 7.5' quadrangle, Jefferson County. 1955.
- NO-04167 Albee, A.L. Field notebook 2 with geologic notes, station numbers RA-374 – RA-629. Black Hawk 7.5' quadrangle, Gilpin County, Eldorado Springs 7.5' quadrangle, Boulder and Jefferson Counties, and Golden and Ralston Buttes 7.5' quadrangles, Jefferson County. 1955.
- NO-04168 Albee, A.L. Field notebook with geologic notes on the Aubrey Ladwig mine. Station numbers G-1 –G-26; drill holes DDH 1 – DDH 20, DD-A-1 – DD-A-5. Ralston Buttes 7.5' quadrangle, Jefferson County. No date.
- NO-04169 Albee, A.L. Field notebook with:
- three portions of the Ralston Buttes 7.5' quadrangle.
  - one portions of the western part of the Ralston Buttes quadrangle.
  - two portions of the northern part of the Ralston Buttes quadrangle.
  - one outline sheet.
- NO-04170 Everett, K.R. Field notebook with scintillometer traverse data. 1955.
- NO-04171 Maxwell, C.H. Field notebook 1 with geologic notes and station numbers 1-354. Eldorado Springs and Louisville 7.5' quadrangle, Boulder and Jefferson Counties, and Ralston Buttes 7.5' quadrangle, Jefferson County. 1954.
- NO-04172 Maxwell, C.H. Field notebook 2 with geologic notes and station numbers 355-32. Ralston Buttes 7.5' quadrangle, Jefferson County, including the Schwartzwalder mine. 1955-1956.
- NO-04173 Sheridan, D.M. Field notebook 1 with geologic notes and sample numbers DS-53-1 – DS-53-Ralston Buttes 7.5' quadrangle, Jefferson County. 1953-1954.
- NO-04174 Sheridan, D.M. Field notebook 2 with geologic notes and sample numbers DS-55-1 – DS-55-45. Golden and Ralston Buttes 7.5' quadrangles, Jefferson County. 1954-1955.
- NO-04175 Sheridan, D.M. Field notebook 3 with geologic notes and sample numbers DS-55-46 – DS-55-71, and DS-56-1 – DS-56-3, and DS-57-1. Ralston Buttes 7.5' quadrangle, Jefferson County, including Schwartzwalder mine. 1955-1956.

- NO-04176 Sheridan, D.M. Field notebook 4 with geologic notes and sample numbers DS-57-1 – DS-57-16 and DS-58-R1 – DS-58-R28. Ralston Buttes 7.5' quadrangle, Jefferson County. 1957-1958.
- NO-04177 Sheridan, D.M. Field notebook with diamond drill hole data, Newmont holes and AEC holes. Ralston Buttes 7.5' quadrangle, Jefferson County.
- NO-04178 Sheridan, D.M. Field notebook with plane table notes from survey of Ralston Creek (Schwartzwalder) mine area. Ralston Buttes 7.5' quadrangle, Jefferson County. 1955-1956.
- NO-04179 Sheridan, D.M. Field notebook with transit notes for Schwartzwalder, Aubrey Ladwig, and Ascension mines. 1955-1956.
- NO-04180 Sheridan, D.M. Field notebook with survey notes for the Schwartzwalder mine. 1955.
- NO-04181 Willging, W.E. Field notebook with scintillometer traverses and U.P. claims sketches. 1955.
- NO-04182 Expandable envelope with 168 black and white, vertical aerial photographs, most with geologic annotations:
- Folder 1. 16 aerial photos dated 1937.
  - Folder 2. 15 aerial photographs dated 1937 and 1938.
  - Folder 3. 36 aerial photographs dated 1938.
  - Folder 4. 24 aerial photographs dated 1938.
  - Folder 5. 21 aerial photographs dated 1938.
  - Folder 6. 14 aerial photographs dated 1940.
  - Folder 7. 8 aerial photographs dated 1938 and 1940..
  - Folder 8. 8 aerial photographs dated 1938.
  - Folder 9. 4 aerial photographs dated 1938.
  - Folder 10. 7 aerial photographs dated 1938.
  - Folder 11. 5 aerial photographs dated 1938.
  - Folder 12. 10 aerial photographs dated 1953.
- NO-04183 Manuscript box and one expandable envelope with:
- Folder 1. sample analyses, Schwartzwalder mine, Ralston Buttes district.
  - Folder 2. other sample analyses from the Ralston Buttes district.
  - Folder 3. mineral identification report, Ralston Buttes district.
  - Folder 4. Schwartzwalder mine: transit survey, calculations, elevations of main stations and additional points.
  - Folder 5. 12 cartoplex sheets numbered 1-12, of Ralston Buttes 7.5' quadrangle.
  - Folder 6. 12 cartoplex sheets numbered A-L and 1 linen tracing from aerial photo BOV 61: 8.
  - Folder 7. 9 compilation work sheets of Ralston Buttes 7.5' quadrangle

numbers 1-9 and 7 compilation work sheets of Ralston Buttes 7.5' quadrangle except for the northwest corner.

- Folder 8. paper maps of Mena Mine (formerly known as Hoffmeister prospect and Nigger Shaft): map of north and south adits, and 2 maps of the South (Black Judge) adit, 1956.
- Folder 9. Aubrey Ladwig mine: 1 paper plan of open pit and 1 plan of diamond drill holes near the open pit, 1956.
- Folder 10. 1 paper map of 74-foot level, Aubrey Ladwig mine, 1956.
- Folder 11. 11 paper maps and sections of the Schwartzwalder mine, 1956.
- Folder 12. 14 paper maps and sections of the upper level of the Schwartzwalder mine (formerly the Ralston Creek Mine), 1955-1956.
- Folder 13. 10 paper maps and sections of the Minnesota level of the Schwartzwalder mine, and 3 paper maps and sections of the Nebraska vein, Schwartzwalder mine.
- Folder 14. 7 paper maps and sections of the Charlie level, Schwartzwalder mine.
- Folder 15. 3 paper maps of the Ascension mine area, 1956.
- Folder 16. 4 paper maps and sections of the open pit Aubrey Ladwig mine area
- Folder 17. 7 vertical angle notebooks.

NO-04184 Van Horn, R. Field notebook 1 with geologic notes and station numbers R-1 – R-28; sample numbers RF-1 – RF-14. Eldorado Springs and Louisville 7.5' quadrangles, Boulder and Jefferson Counties, and Golden and Ralston Buttes 7.5' quadrangles, Jefferson County. 1955.

NO-04185 Van Horn, R. Field notebook 2 with geologic notes and station numbers R-29 – R-46; sample numbers RF-15 – RF-17. Ralston Buttes 7.5' quadrangle, Jefferson County. 1956-1958.

MA-02812 Map folder with 9 items:

- 2 paper aerial photo index maps of Ralston Buttes 7.5' quadrangle;
- paper map of the Ralston Buttes 7.5' quadrangle with annotations;
- plane-table map of Schwartzwalder mine area with control points, 1955;
- plane-table map, Ascension Mine area, 1956;
- plane-table map of Aubrey Ladwig mine (formerly named Gary Mine), Ralston Buttes district, 1956;
- plane-table map, Mena Mine area (formerly known as Hoffmeister prospect and Nigger shaft), no date;
- paper map showing radiometric data, Aubrey Ladwig mine area, no date;
- mylar map showing radiometric data, Aubrey Ladwig mine area, no date.

MA-00675 Map folder with five items:

- 1 aerial photo index map of Ralston Buttes 7.5' quadrangle;
- 2 sample location maps of Ralston Buttes 7.5' quadrangle;

- 2 paper maps of the Ralston Buttes 7.5' quadrangle with geologic annotations.

Published as: U.S. Geological Survey. Trace elements memorandum TEM-901. 1956.

Published as: U.S. Geological Survey. Miscellaneous field studies map MF-179. 1958.

Published as: U.S. Geological Survey. Professional paper 520. 1967.

**GEOLOGIC MAP OF THE EVERGREEN 7.5' QUADRANGLE,  
JEFFERSON COUNTY, AND THE BERGEN PARK AREA, JEFFERSON  
AND CLEAR CREEK COUNTIES, COLORADO. 1968-1971.**

- NO-04078     Field notebook 1 with geologic notes and station numbers R-1 – R-194.  
Evergreen 7.5' quadrangle. 1970?
- NO-04079     Field notebook 2 with geologic notes and station numbers R-195 – R-399.  
Evergreen 7.5' quadrangle. 1970?
- NO-04080     Field notebook 3 with geologic notes and station numbers R-400 – R-451.  
Evergreen 7.5' quadrangle. 1970?
- NO-04081     Field notebook 4 with geologic notes and station numbers R-452 – R-520.  
Evergreen 7.5' quadrangle. 1970?
- NO-05761     Expandable envelope with 18 black and white vertical aerial photographs in the  
Evergreen 7.5' quadrangle, Jefferson County; some photos have annotations:  
  - GS-VAP 1: 7, 47-49
  - AIN 2N: 159-160, 161-163, 194-199
  - AIN 3N: 52, 161-162.
- MA-02813     Map folder with two items:  
  - 1 mylar map of the Bergen Park area;
  - 1 cloth-backed field map of the Evergreen 7.5' quadrangle showing station locations and geologic annotations.
- MA-00680     Map folder with three items:  
  - 1 mylar geologic map of the Evergreen 7.5' quadrangle;
  - 1 mylar overlay, each, showing field stations, and foliation and layering, in the Evergreen 7.5' quadrangle. Some of the foliation and layering annotations extend beyond the quadrangle borders.

Published as: U.S. Geological Survey. Open-file report 1643. 1971.

Published as: U.S. Geological Survey. Open-file report 71-256. 1971.

Published as: U.S. Geological Survey. Miscellaneous investigations map I-786-A. 1972.

Published as: U.S. Geological Survey. Open-file report 1711. 1972.

Published as: U.S. Geological Survey. Miscellaneous investigations map I-786-F. 1973.