

An inventory of
the papers of

MICHAEL CREED HINDERLIDER

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PROVENANCE

In March, 1963, Michael Creed Hinderlider donated his personal papers to the Colorado Historical Society. Mrs. Enid T. Thompson, the Librarian for the Society, was largely responsible for contacting Hinderlider and for facilitating the transfer of Hinderlider's papers to the Society. There are approximately 21,000 pages of materials in the collection.

A GUIDE TO THE COLLECTION

This collection consists of eighteen parts, the first being correspondence to and from Michael C. Hinderlider. The second and third parts are his diaries and field books. The fourth part is material relating to interstate compacts and affairs. The fifth through the ~~sixth~~ parts are the materials relating to water development in the four major water basins of Colorado -- the Colorado, the Arkansas, the Platte (including North and South), and the Rio Grande. Part nine is materials relating to the development of transmountain water projects in Colorado. Part ten is Hinderlider's engineering reports on out-of-state water projects. Part eleven is miscellaneous materials relating to hydrologic engineering in the West. Parts twelve through fourteen are materials relating to the institutional aspects of water development in Colorado. The material relates to the Colorado Water Conservation Board, the Colorado State Engineer's Office, and state legislation. Part fifteen is Hinderlider's writings, notebooks, and biographical material. Parts sixteen through eighteen are maps and technical drawings, photographs and glass lantern slides. The photographs are stored in the Photography Department of the Society, and the maps are stored separately in a map box.

FOREWARD

Michael Creed Hinderlider's career can be divided into thirds -- the years before 1923 when he became the State Engineer, his career as State engineer from 1923 to 1954, and his post-1954 years when he worked as a consulting engineer. Before he served as the State Engineer he worked in many aspects of water development throughout the West. His reports written during this time detail the construction of irrigation projects, hydro-electrical power plants, and urban water systems.

The years that Hinderlider served as the State Engineer marked a time of very important water developments in the state. Hinderlider was instrumental in planning transmountain water diversion projects for the Arkansas and Platte River Basins. He represented Colorado in interstate compact negotiations, in regional meetings of state engineers, and in intra- and interstate water litigation. From 1923-1954 he oversaw the construction of all water projects in the state and was responsible for the regulation of all water rights in the state. He also worked actively in various interstate organizations, e.g. the Association of Western State Engineers. He had a direct role in the building of several important Army Corps of Engineer projects in the West, e.g. Conchas Dam in New Mexico, and John Martin Dam in Colorado. This period in his life also marked a time of active writing on all aspects of water development in Colorado and the West.

During his years after retiring from the State Engineer's Office he worked as an independent consulting engineer. He worked mainly on three projects, one for Colorado Springs, another for Boulder, and one for the Twin Lakes Reservoir and Canal Company. In the early 1960s he started writing a book in which he hoped to preserve the "record of the development, use and protection" of Colorado's water resources from a historical, legal and technical perspective. The book never made it out of manuscript, but even in that form it contains valuable information about the history of water development in Colorado.

CHRONOLOGY

19 MAY 1876	Born to Daniel Peck and Ann Eliza (Wilson) Hinderlider, at Medora, Jackson County, Indiana
1897	Graduated from Purdue University, B.S. degree in civil engineering
1897-1898	Worked on public land surveys in Colorado, associated with Addison J. McCune, a pioneer engineer in Colorado who also served as State Engineer for 10 years
1898-1899	In charge of father's farming interests in Indiana
1899-1900	Draftsman on the Board of Public Works, Denver, Colorado
31 OCT 1900	Married Caroline Kirk
1900-1901	In charge of father's farming interests in Indiana
1901-1902	Hydrographer for the State Engineer of Colorado
1902-1906	District Engineer for the United States Geological Survey, in charge of operations in Colorado, later given responsibility for all work in Colorado, Wyoming, Nebraska, Kansas, North and South Dakota, Oklahoma, New Mexico and Utah
1906-1907	Joined an engineering firm located in Denver. Served as the engineer in charge of surveys, location, and construction of a 28,000 hp hydro electric plant on the Colorado River near Glenwood Springs
1907-1908	Designed Redlands Power Plant near Grand Junction, Colorado

- 1908-1910 General engineering practice, appraised the water rights for the City of Denver, wrote many reports
- 1910-1912 Report on at the time the largest irrigation pumping plant in the Southwest at Tuscon, Arizona
- 1912-1914 Completed Beaver Park Dam, conducted surveys for the Moffat Transmountain Water Project
- 1914-1917 General engineering practice, wrote reports on several irrigation projects
- 1917-1918 Constructed a large earth dam across the Little Colorado River in Arizona
- 1918-1919 Directed dam construction in New Mexico
- 1919-1923 General engineering practice, designed dams and wrote reports on irrigation projects
- 30 NOV 1923 Appointed the State Engineer of Colorado
- 1927 Colorado brought suit against Kansas in the United States Supreme Court concerning the Arkansas River
- 1929-1930 Consulting engineer for the State of California on the San Gabriel and Pine Canyon Dams
- 1932 Eleven Mile Canyon dam construction
- 1936 Ralston Creek dam construction
- 1936-1938 Consulting engineer for the Army Corps of Engineers on the Conchas Dam, New Mexico

- JUN 1936 United States Congress approved the construction of Caddoa Dam and Reservoir
- 1937 The Colorado Water Conservation Board was established
- 18 MAR 1938 The commissioners for Colorado, New Mexico and Texas signed the Rio Grande Compact; Hinderlider had served as the commissioner for Colorado
- 1939 Construction work began on John Martin Dam and Reservoir; During the construction Hinderlider served as a consulting engineer for the Army Corps of Engineers
- 1941-1942 Served as the commissioner for Colorado in negotiating the Republican River Compact with commissioners from Kansas and Nebraska
- 31 DEC 1942 The negotiating commissioners signed the Republican River Compact
- 14 DEC 1948 The negotiating commissioners for Colorado and Kansas signed the Arkansas River Compact
- 1954 Construction of Denver Reservoir Dam #22, or Gross Dam and Reservoir
- 1954 Retired as State Engineer of Colorado
- 1954-1960 Worked as a private consulting engineer
- 1959 Recipient of the Four-State Irrigation Council's Headgate Award
- 30 AUG 1967 Michael C. Hinderlider died in Denver, Colorado

MICHAEL CREED HINDERLIDER

PART I

CORRESPONDENCE 1905-1959

FILE FOLDER	INCLUSIVE DATES	SUBJECT	NUMBER OF PAGES	
			TOTAL	ORIGINAL COPY
ff 1	JAN 1905	United States Geological Survey: Pumping and Power	12	12
ff 2	APR - AUG 1911	Springer Ditch Co. French Land & Irrigation Co.	13	13
ff 3	MAR - FEB 1924	State Engineer Office	20	20
ff 4	26 NOV 1923 12 DEC 1924	appointment as State Engineer letters of support petitions of support	1 3 8	1 3 8
ff 5	30 DEC 1924	petitions of support KS v. CO/letter of support	10 2	10 2
ff 6	DEC 1924	petitions of support	17	17
ff 7	4-9 JAN 1925	retention as State Engineer	16	3 13
ff 8	9-10 JAN 1925	retention as State Engineer petitions of support	8 2	8 2
ff 9	10-12 JAN 1925	petitions of support retention as State Engineer	6 8	6 8

FILE FOLDER	INCLUSIVE DATES	SUBJECT	NUMBER OF PAGES	
			TOTAL	ORIGINAL COPY
ff 10	12 JAN 1925	retention as State Engineer	15	1 14
ff 11	14-16 JAN 1925	retention as State Engineer	13	2 11
ff 12	17-19 JAN 1925	retention as State Engineer	15	15
ff 13	19-23 JAN 1925	retention as State Engineer, state appropriations	14	1 13
ff 14	26 JAN-11 FEB 1925	retention as State Engineer	13	6 7
ff 15	11-14 FEB 1925	retention as State Engineer	16	5 11
ff 16	14-20 FEB 1925	retention as State Engineer	15	15
ff 17	20-25 FEB 1925	retention as State Engineer, state legislation	15	15
ff 18	2 MAR 1925 - 27 JUN 1927	retention as State Engineer, personnel in State Engineer office, transmountain projects for the Arkansas River Basin	13	2 11
ff 19	JUN 1930	Eleven Mile Canyon Dam	10	3 7
ff 20	JAN 1934	Conchas Dam	12	3 9
ff 21	APR - AUG 1935	personal/Purdue University Bijou Creek flood North Fork of the Gunnison	17	5 12
ff 22	OCT 1935	Iran/irrigation projects	13	1 12

FILE FOLDER	INCLUSIVE DATES	SUBJECT	NUMBER OF PAGES	
			TOTAL	ORIGINAL COPY
ff 23	DEC 1935 - NOV 1936	Ralston Creek Dam, personal/father	16	4 12
ff 24	NOV 1936 - JAN 1937	Ralston Creek Dam, personal/consulting fees	12	5 7
ff 25	Jan 1937	Caddoa Reservoir Dam	52	52
ff 26	JAN - AUG 1937	Eleven Mile Reservoir, Ralston Creek Dam	18	3 15
ff 27	DEC 1938	Colorado Water Conservation Board, Conchas Dam	16	16
ff 28	JAN - MAR 1939	Conchas Dam, Caddoa Dam	14	9 5
ff 29	MAR 1939 - APR 1940	Caddoa Dam, Conchas Dam	26	15 11
ff 30	APR 1940 - SEP 1940	Caddoa Dam Colorado River Basin	15	8 7
ff 31	Jan 1941 - OCT 1942	Caddoa Dam, McDonough Damsite, Clear Creek Reservoir Spillway	22	13 9

FILE FOLDER	INCLUSIVE DATES	SUBJECT	NUMBER OF PAGES	
			TOTAL	ORIGINAL COPY
ff 32	FEB 1943 - OCT 1947	John Martin Dam, Biennial Report of the State Engineer, Otero Irrigation District, North Poudre Irrigation Co. v. Hinderlider Cherry Creek Barker Reservoir	34	21 13
ff 33	JUN - JUN 1948	Arkansas River Compact, Twin Lakes Reservoirs,	18	7 11
ff 34	AUG - SEP 1948	Twin Lakes Reservoirs	18	5 13
ff 35	SEP - NOV 1948	Twin Lakes Reservoirs	14	8 6
ff 36	NOV - DEC 1948	Twin Lakes Reservoirs	17	4 13
ff 37	DEC 1948 - JAN 1949	Twin Lakes Reservoirs, Woodruff Irrigation Project, Arizona Arkansas River Compact	12	6 6
ff 38	JAN - OCT 1949	personal, Twin Lakes Reservoirs, Colorado River Water Forecast Committee Cherry Creek	17	7 10
ff 39	NOV - DEC 1949	personal, Twin Lakes Reservoirs	14	5 8

FILE FOLDER	INCLUSIVE DATES	SUBJECT	NUMBER OF PAGES	
			TOTAL	ORIGINAL COPY
ff 40	JAN - SEP 1950	personal, Arkansas River Compact, John Martin Dam & Reservoir, Twin Lakes Reservoirs	20	7 13
ff 41	OCT 1951 - JUL 1953	John Martin Dam & Reservoir, personal, Grand Junction Water Supply, Colorado Springs Water Supply Denver Water System	27	9 18
ff 42	SEP - OCT 1953	Gunnison-Arkansas Transmountain Project, water supply at the State Institution at Hesperus	12	12
ff 43	OCT 1953	Colorado Springs Water Supply	18	15 3
ff 44	OCT - DEC 1953	Colorado Springs Water Supply	19	4 15
ff 45	JAN - MAR 1954	personal John Martin Reservoir Colorado Water Conservation Board pneumatic roller	14	5 9
ff 46	APR - JUN 1954	Denver Water Board, Res. #22 Colorado Water Conservation Board retirement Twin Lakes Reservoir Union Valley Reservoir Consulting	14	6 8

FILE FOLDER	INCLUSIVE DATES	SUBJECT	NUMBER OF PAGES	
			TOTAL	ORIGINAL COPY
ff 47	JUN - JUL 1954	retirement Twin Lakes Reservoir Boulder Water System Denver Water Board, Dam #22	19	5 14
ff 48	JUL - OCT 1954	retirement Boulder Water System Twin Lakes System	22	8 14
ff 49	JAN 1955 - JAN 1956	personal	31	16 15
ff 50	MAR - APR 1956	personal Colorado Springs Water System	18	2 16
ff 51	JUN 1956	Colorado Springs Water System	23	1 22
ff 52	JUN - JUL 1956	Colorado Springs Water System	14	6 8
ff 53	JUL - DEC 1956	Colorado Springs Water System Kershaw Ditch, Cooley Gravel Co.	20	4 16
ff 54	JAN 1957 - DEC 1958	Kershaw Ditch, Cooley Gravel Co. personal Twin Lakes System	16	14 2
ff 55	1959	Twin Lakes System Headgate Award	18	12 6

PART II
DAILY DIARY

CONTAINER No. TWO:

Volumes for 1921-1922, 1924, and 1926-1960

1921
1922
1924

Annotations by K. SCHUBERT 11/2001

PART III

FIELD BOOKS

Book CONTAINER No. FWO:

Book NUMBERS ASSIGNED by	DATE STAFF	TITLE
1.	ND	One Blank Field Book
2.	ND	Miscellaneous Dams
3.	ND	Miscellaneous Dams
4.	ND	Miscellaneous Dams
5.	ND	Miscellaneous Dams
6.	ND	Trinchera Ranch
7.	ND	Greeley-Poudre Irrigation District
8.	ND 1922	Greeley-Poudre Irrigation District
9.	ND	Fort Sumner Irrigation District
10.	ND	Miscellaneous Notes
11.	ND 1923	Miscellaneous Notes
12.	ND	Ponsford Ranch Survey
13.	ND	Ponsford Ranch

MISS Ks

- 14. ND 1914 Field Notes on Deer Creek See A/50 Bks 27, 29
- 15. ND Topographic Notes on Mr. Benedict's Farm
- 16. ND North Poudre No. 3 Reservoir
- 17. ND The Moffat Irrigation District, #3
- 18. ND The Moffat Irrigation District, #4
- 19. ND 1926 Chimney Rock Reservoir See A/50 BK
- 20. ND 1923 Essie Danie Ranch
- 21. ND Kara Lakes on Ranch of Kara Cattle Company
- 22. ND 1920 DAVIS Javis Ranch, Nebraska
- 23. ND 1926 Field Notes of Surveys on Ft. Lyon Canal
- 24. ND Farmer's Union Canal
- 25. ND Zumwalt Canal System
- 26. ND 1948 Twin Lakes Dam, Test Hole Log
- 27. ND Deer Creek Project See A/50 Bks 14, 29
- 28. 1911 Field Notes, Plateau Valley R.R. Survey
- 29. 1915 Deer Creek Project, California See A/50 BK 14, 27
- 30. 1922 Field Notes of Surveys on Perry Park Ranch, Book #2
- 31. 1924 Field Notes of Reservoir & Canal Surveys in Western Kansas
BEAR VALLEY RESERVOIR

32. 15-20 MAR 1932 Reservoir Surveys in Arkansas Valley, State of Kansas
33. AUG 1945 Field Notes of Surveys on La Cueva Canal - New Mexico
34. 1946 Field Notes of Surveys at Standley Lake Dam
35. 2 JUL - 13 OCT, 1948 Twin Lakes Dam, Book #1
36. 2 JUL - 13 OCT, 1948 Twin Lakes Dam, Book #2
37. 2 JUL - 13 OCT, 1948 Twin Lakes Dam, Book #3
38. 1953 Tennessee Pass Survey

PART IV 1922-1950

COMPACTS AND INTERSTATE WATER AFFAIRS
A. PUBLISHED MATERIALS

FILE FOLDER	DATE	TITLE
ff 56	24 NOV 1922 [1923]	<u>Report of Delph Carpenter, Commissioner for the State of Colorado IN RE Colorado River Company, and Report and Supplemental Report of Delph E. Carpenter, Commissioner for Colorado on the Colorado River Commission [2 copies]</u>
ff 57	1930	"Interstate Water Matters"
ff 58	15 NOV 1938	<u>Rio Grande Basin Compact and Analysis There of by M.C. Hinderlider</u>
ff 59	1939	"Interstate Water Problems"
ff 60	JUN 1946	<u>Colorado River Commission of Nevada Compiled Reports, September 1935 - June 1946</u>
ff 61	DEC 1948	<u>Report and Submission of the Arkansas River Compact</u>
ff 62	20 MAR 1950	"Upper Colorado River Commission, First Annual Report"

B. UNPUBLISHED MATERIALS 1906-1957

FILE FOLDER	DATE	TITLE
ff 63	[DEC 1906?]	"Preliminary Report on the North Park Reservoir and Interstate Tunnel"

ff 64	[c. 1907]	"Rio Grande Date: Collected by A.V. Tabor, Monte Vista, Colorado"
ff 65	FEB 1914	"Ignacio Project, Report on Water Supply"
ff 66	MAR 1924	"Abstract of Report on Lower White River Project"
ff 67	MAR 1925	"Animas Project, New Mexico - Colorado"
ff 68	MAR 1929	"Dolores Project, Colorado - Utah"
ff 69	14 JUN 1934	"Arkansas River: History of Interstate Litigation"
ff 70	27 DEC 1937	"Analysis of Report of Committee of Engineers to Rio Grande Compact Commissioners"
ff 71	[1938?]	"Regional Planning, Part VI - Upper Rio Grande"
ff 72	MAR 1938	"Proceedings of Conference of Representatives of Four Upper Basin States of Colorado River Basin at Santa Fe, New Mexico on March 17, 18, and 19, 1938"
ff 73	JUL 1938	"Report and Proceedings of the Fact Finding Committee of the Upper Colorado River Basin States"
ff 74	MAR 1939, NOV 1939	"Proceedings of the Committee of Fourteen and of the Committee of the Colorado River Basin States"
ff 75	OCT 1941	"Proceedings of the Committees of Fourteen and Sixteen of the Seven States of the Colorado River Basin and the Power Allottees"
ff 76	15 JAN 1943	"Water Compacts of the West"

ff 77	APR 1943	"Understanding between the Undersigned Water Officials of the States of Colorado and Kansas" (first draft)
ff 78	MAY 1947	"Minutes of Meeting of the Colorado River Water Users Association"
ff 79	26 JUN 1947	"Interim Report of Committee on Engineering Data and Studies to Colorado-Kansas Arkansas River Compact Commission"
ff 80	NOV 1947	"Proceedings of the Meeting of the Colorado River Basin States Committee"
ff 81	24 NOV 1947	"Second Interim Report of Committee on Engineering Data and Studies to Colorado-Kansas Arkansas River Compact Commission"
ff 82	[JAN 1948]	"Report on Administration of Colorado-Kansas Agreement for 1947 Covering Uses of Natural Flow of the Arkansas River and Water Stored in John Martin Reservoir"
ff 83	DEC 1947, FEB 1948, MAR 1948 MAY 1948, and JUL 1948	"Proceedings of the Meetings of the Colorado River Basin States Committee"
ff 84	10 NOV 1948	"Arkansas River Compact" (revised)
ff 85	29 NOV 1948	"Final Report, Engineering Advisory Committee to Upper Colorado River Basin Compact Commission"
ff 86	3 FEB 1949	"Statement before Committee of the Legislature, Irrigation and Water Resources, at 3:00 P.M., February 3, 1949"
ff 87	FEB 1949, & APR 1949	"Proceedings of the Colorado River Basin States Committee"
ff 88	15 APR 1949	"The Fifth Annual Meeting of the Colorado Water Forecast Committee"

- ff 89 [1949] "Interstate River Compacts between Colorado and Sister States"
 - ff 90 13 MAR 1951 "Interstate Water Compacts"
 - ff 91 13 APR 1951 "The Second Annual Meeting of the Rio Grande Water Forecast Committee"
 - ff 92 27 APR 1954 "Minutes, Meeting of Republican River Compact Administration"
 - ff 93 FEB 1957 "Minutes of the 18th (29th) Meeting of the Rio Grande Compact Commission Held at Santa Fe, New Mexico"
- C. COURT MATERIALS 1938-1943
- ff 94 OCT 1938 Nebraska v. Wyoming and Colorado, Petition of Intervention of the United States of America; and Federal Acts Cited in Petition of Intervention of the United States
 - ff 95 6 DEC 1943 Colorado v. Kansas, Opinion of the Supreme Court of the United States, December 6, 1943, In the Case of The State of Colorado v. The State of Kansas, et al.

PART V
 COLORADO RIVER BASIN
 A. UNPUBLISHED REPORTS

1903 - 1954

FILE FOLDER	DATE	TITLE
ff 96	FEB 1903	"Gunnison Diversion Survey" [re: Uncompahgre Project]
ff 97	MAY 1908	"Hydrographic Data Relative to the Taylor Park Hydro-Electric Power Project"
ff 98	AUG 1908	"Report on the Desert Land, Reclamation and Project Reservoirs on Big Salt Wash Creek"
ff 99	JAN 1909	"Report on Williams River Highline Irrigation Project"
ff 100	JAN 1909	"Report upon Project for Irrigated Lands in the Valley of the Little Snake River"
ff 101	MAR 1909	"Preliminary Report on the Hunter Mesa Irrigation Project" [2 copies]
ff 102	JUN 1910	"Report on the North Delta Irrigation District, Delta County, Colorado"
ff 103	DEC 1910	"Report of Inspection, Including Estimates and Tests of the Glenwood Light and Water Company's Plant"
ff 104	MAY 1913	"Report on Grand Valley Irrigation District, Garfield County, Colorado, for Wilcox Canal Company"
ff 105	1924	"The Yellow Jacket on Upper White River Project"

ff 106	[1925]	"Synopsis of Report: Green River Basin" [typescript of U.S.G.S. Wate Supply #618"
ff 107	MAR 1925	"La Plata Mesa Project, Colorado"
ff 108	MAR 1925	"Pine River Project"
ff 109	MAR 1925	"Montezuma Project -- Colorado"
ff 110	1929	"Summary of Information Supplied by Water Commissioner's Special 1929 Report, re: Reservoir Sites"
ff 111	JUL 1941	"Colorado River Basin: Notes on Project Areas"
ff 112	JUL 1948	"Replacement Operation of Green Mountain Reservoir in Conjunction with Bridgeport Reservoir"
ff 113	SEP 1948	"Progress Made on Investigations in Colorado during September 1948"
ff 114	SEP 1948	"Allocation of Funds and Progress of Investigations in Western Colorado"
ff 115	NOV 1948	"Progress Made on Investigations in Colorado during November 1948"
ff 116	MAY 1950	"Findings and Ruling of the State Engineer on the Appeal of C.V. Hallenbeck"
ff 117	NOV 1952	"Report by Frank C. Merrill, Usable Water From Kannah Creek" [4 copies]

ff 118	DEC 1953	"City of Durango, Colorado, Earth Dam and Appurtenant Structures"
ff 119	[1954]	"List of Plans for New Reservoirs or Enlargements of Old Reservoirs from Plans Filed in State Engineer's Office"
B. FIELD NOTES AND COMPUTATIONS 1941-1954		
ff 120	1941	"McDonough Concrete Arch Dam & Comparison to Tarryall Dam"
ff 121	1953-1954	Sheriff Reservoir - Town of Oak Creek Colorado, Computations
ff 122	1954	"Trout Lake Dam, Western Colorado Power Company"

C. MISCELLANEOUS 1925-1935

FILE FOLDER	DATE	TITLE
ff 123	MAY 1935	program & menu "Water Conservation Banquet", Delta, Colorado
ff 124	[1925?]	"Design for Headgate for Montezuma Canal Co."

PART VI

 ARKANSAS RIVER BASIN
 A. PUBLISHED REPORTS

1953

FILE FOLDER	DATE	TITLE
ff 125	1953	<u>Report Covering Operations of Department of Public Utilities --- Water, Electric, Gas and Sewer, for Year 1953</u>

B. UNPUBLISHED REPORTS, MINUTES AND PROCEEDINGS 1902-1956

FILE FOLDER	DATE	TITLE
ff 126	AUG 1902	"Approximate Estimate of Engineering Costs: Otero Canal Improvements Beginning of Survey to Beginning of Reconstruction"
ff 127	[1924?]	"Report on the Apishapa Dam Including Feasibility of Rebuilding the Same, and Estimate of Cost"
ff 128	APR 1927	"Report Relating to Methods for Improving Present Conditions of the Fort Lyon Canal Company's Headworks with Special Reference to Silt Troubles"
ff 129	JUL 1931	"General Conclusions and Conclusions Re the Proposed Caddoa Reservoir"
ff 130	OCT 1934	"City of Colorado Springs, Department of Water and Water Works. North Slope Water Development, Section 3, Crystal Creek Dam"
ff 131	AUG 1935	"Report of the horse Creek Flood of August 28, 1935"

ff 132	APR 1936	"North Slope Development, Section No. 3, Partial. South Catamount Dam. Colorado Springs, Colo." [2 copies]
ff 133	JAN 1937	"Conference at Lamar, Sunday, P.M., Jan. 24, 1937: Caddoa"
ff 134	MAY 1937	"Basis for Design of Caddoa Dam and Reservoir"
ff 135	JAN 1938	"Caddoa Reservoir Study: Summary of Assumed Operation No. 2"
ff 136	OCT 1938	"The Arkansas River Basin" [missing page 1.]
ff 137	NOV 1938	"Minutes of Meeting of Board of Dam Consultants: Caddoa Dam"
ff 138	NOV 1938	"Data on Caddoa Dam for Meeting of Board of Dam Consultants"
ff 139	FEB 1939	"Report on Effect of Sedimentation in Caddoa Reservoir, Colorado, Upon Relocation of the Atchison, Topeka and Santa Fe Railroad"
ff 140	FEB 1939	"Report on Sedimentation above the Caddoa Dam on the Arkansas River in Colorado"
ff 141	FEB 1939	"Lamar Conference: Caddoa"
ff 142	MAR 1939	"Sedimentation, Caddoa Reservoir" "Silting -- Caddoa Reservoir" "Articles on Sedimentation of Reservoirs" "Arkansas River" "Cucharas Res., Summary of Silting Data"
ff 143	MAR 1939	"Notes on Conference Held in the U.S. Engineer Office, Little Rock, Arkansas, March 21, 1939, on 'Caddoa Reservoir'"

ff 144	SEP 1939	"Minutes of Consultants' Meeting for Caddoa Reservoir Project"
ff 145	DEC 1939	"Dam Site Geology: Caddoa" [2 copies]
ff 146	FEB 1940	"Shape of Spillway Crest", re: Caddoa Reservoir
ff 147	MAR 1940	"Concrete Aggregate Data Logs of Test Pits" [re: Caddoa Reservoir] [2 copies]
ff 148	APR 1940	"Agenda for Consultants' Meeting" [2 copies]
ff 149	APR 1940	"Caddoa Reservoir Project"
ff 150	APR 1940	"Minutes of the Consultant Meetings for Caddoa Reservoir Project"
ff 151	APR 1940	"Notes Taken at Meeting of Consultants at Caddoa on April 9 and 10, 1940" [2 copies]
ff 152	MAY 1940	"Minutes of Conference with Mr. James P. Growdon"
ff 153	JUN 1940	"Contact between Concrete and Earth Sections --- Caddoa Dam"
ff 154	OCT 1940	"John Martin Dam Reservoir Project"
ff 155	OCT 1940	"Tests of Coated Aggregate" [re: Caddoa Dam]
ff 156	DEC 1940	"Report on Steel Sheet Pile Cut-Off --- John Martin Dam, John Martin Reservoir Project"
ff 157	DEC 1940	"Minutes of Conference with Mr. John B. Alexander"

ff 158	DEC 1940	"Minutes of Conference with Mr. M.C. Hinderlider"
ff 159	FEB 1941	"Minutes of the February 8, 1941, Meeting of the District Consultants for John Martin Reservoir Project" [2 copies]
ff 160	MAR 1941	"Report on the Effect of Absorptive Form Lining on Concrete" [re: Caddoa Dam]
ff 161	APR 1942	"Specifications for the Construction of a Reinforced Concrete Extension to the Spillway of Clear Creek Reservoir" [2 copies]
ff 162	AUG 1942	"Agenda for Consultants' Meeting at John Martin Dam, August 2, 1942"
ff 163	AUG 1942	"Minutes of Meeting of Board of Consultants, August 2, 1942 -- John Martin Dam"
ff 164	FEB 1944	"Plan for Operation of Caddoa Project and Administration of Rights"
ff 165	JUL 1953	"Design Analysis for the South Suburban Reservoir to be Constructed for the South Suburban Water Company"
ff 166	JUL 1953	"Specifications and Contract Documents for Construction of South Suburban Dam and Appurtenant Facilities"
ff 167	OCT 1953	"Report on Montgomery Reservoir for the City of Colorado Springs" [includes rough drafts and computations]
ff 168	JUL 1954	"Montgomery Reservoir Dam: Report on Status of Work as of July 30, 1954"
ff 169	JUL 1956	"Report and Findings of the Board of Arbitrators in the Case of the Fisher Contracting Company, Phoenix, Arizona vs the City of Colorado Springs, Colorado"

ff 170	JUL 1956	"Findings and Report of the Board of Arbitrators: Municipal Water Supply for Colorado Springs, Colorado, Contract No. 8 -- Montgomery Dam" [2 copies]
ff 171	JUL 1956	"Arbitration: Extra Excavation and Concrete, Montgomery Dam Project"

C. COURT MATERIALS 1944

FILE FOLDER	DATE	TITLE
ff 172	JUN-AUG 1944	Sunnyside Park Ditch v. Hinderlider et al., copy of the transcript of the hearings at Salida

D. MISCELLANEOUS 1924-1956

FILE FOLDER	DATE	TITLE
ff 173	ND	"Procedure to be Followed in Determination of Evaporation Losses . . . Sugar Loaf, Twin Lakes and Clear Creek Reservoirs"
ff 174	[1924?]	Pueblo Conservancy District
ff 175	1927	"Agreement between the Fort Lyon Canal Company and the Ajax Iron Works Company"
ff 176	[JUN 1937?]	Rough Drafts: "Sedimentation Studies for Caddoa Reservoir"
ff 177	MAR 1939	"Caddoa Dam Design Sections"

ff 178	JUN 1939	"Log of Pile Driving: Caddoa Dam"
ff 179	SEP 1939	"Comparative Estimates: Caddoa Reservoir Project"
ff 180	[1940?]	"Model Study of Stilling Basin Drains: John Martin Dam"
ff 181	1940	"Chalk Creek Dam"
ff 182	FEB 1940	"Caddoa Dam: Conduit Rating Curves, and Average Results of Routine Test on Concrete"
ff 183	APR 1940	"Caddoa Dam Plans"
ff 184	JAN 1941	"Gradation Curves: John Martin Dam"
ff 185	APR 1941	"Clear Creek Reservoir Spillway Bill of Steel Reinforcement"
ff 186	1942	"Design Computations for New Spillway, Clear Creek Reservoir"
ff 187	MAY-JUN 1942	"Clear Creek Reservoir Construction: Summary"
ff 188	MAR 1946	"Otero Canal: Computations on Diversion Dam"
ff 189	[late 1940s]	"Notes on Additional Water Supplies for Colorado Springs & Adjacent Areas"
ff 190	[1948?]	"The John Martin Project"
ff 191	OCT 1948	"John Martin Reservoir Area -- Capacity"
ff 192	APR 1952	"John Martin Reservoir Area -- Capacity"
ff 193	OCT 1953	"Montgomery Reservoir: Reservoir Storage Capacity and Surface Area Curves"

ff 194	FEB 1954	"John Martin Reservoir Area -- Capacity: Revised"
ff 195	JUL 1956	Notes, Computations, Memos, Personal Receipts, re: Board of Arbitrators on Montgomery Dam

PART VII

1911-1925

PLATTE RIVER BASIN
A. PUBLISHED REPORTS

FILE FOLDER	DATE	TITLE
ff 196	1911	<u>Seepage and Return Water: The Cache La Poudre, 1911</u>
ff 197	MAY 1925	<u>A Discussion of the Past, Present and Future Needs of Water for the City of Denver</u>

B. UNPUBLISHED REPORTS

1904-1957

FILE FOLDER	DATE	TITLE
ff 198	ND	"Supplemental Report on the Value of Lake Cheesman"
ff 199	ND	"DU Water Co.: Exhibit No. 45"
ff 200	ND	"DU Water Co.: Exhibit No. 47"
ff 201	[JUN 1904?]	"Lake John Reservoir Site near Walden, Colorado"
ff 202	[JAN 1905?]	"Reservoir Site on North Platte River. Near Pinkhampton, Colorado"
ff 203	OCT 1907	"Report on the Highline Canal System" [4 copies]
ff 204	DEC 1907	"Report on Water Rights: Merritt Farm"

ff 205	JUN 1908	"Report on the Water Rights and Land Values of ;the Sullivan Ranch, Weld Co., Colo., for the Northwestern Land and Iron Co."
ff 206	JUN 1909	"Preliminary Report on Cost of Enlarging the Highline Canal and Constructing the Denver Suburban Irrigation District"
ff 207	JUL 1910	"Report Relative to the Riverside Reservoir"
ff 208	AUG 1910	"Supplemental Report Relative to the Riverside Reservoir"
ff 209	NOV 1910	"Preliminary Report on Cost and Time of Construction of the Initial Development of Hydro-Electric Power on North St. Vrain Creek for the Boston & Colorado Power Co."
ff 210	MAR 1913	Report on Water Rights of Sullivan Ranch"
ff 211	JUL 1919	"Report on Wooster Reservoir, Williams Highline Canal and Deadman Creek Ditch, for the Greeley Poudre Irrigation District"
ff 212	JAN 1920	"Preliminary Report to Mr. Adolph F. Zang on the Reservoir Supply Ditch from the Existing Church Ditch to the Reservoir"
ff 213	1922	"Cherry Creek Flood, July 28th, 1922"
ff 214	[1923]	"Cloudburst Floods above Loveland, Colo."
ff 215	[1930?]	"Tentative Conclusions Concerning the Sufficiency of Design and Specifications Submitted by the Board of Water Commissioners of the City of Denver for the Construction of the Eleven Mile Canyon Dam"
ff 216	JUN 1930	"Design of Arch Dam for Eleven Mile Canyon Site on South Platte River"

ff 217	JUL 1930 JUL 1930	"Specifications" [re: Eleven Mile Canyon Dam] "General Specifications and Contract for Eleven Mile Canon Reservoir Dam" [2 copies]
ff 218	[1933]	"Cherry Creek Flood of August 3, 1933" [2 copies]
ff 219	1933	"Data on Failure of Castlewood Dam, August 3, 1933" [4 copies]
ff 220	[c. JAN 1935?]	"Proposal, Contract, Specifications, Etc. for Cherry Creek Flood Control District . . ."
ff 221	JUN 1935	"Report on Rainfall over Upper Drainage Area of Cherry Creek which Caused Flood of May 29th 1935" [hand written]
ff 222	JUN 1935	"Report on Rainfall over Upper Drainage Area of Cherry Creek which Caused Flood of May 29th 1935" [typescript] [3 copies]
ff 223	JAN 1937	"Data on Eleven Mile Canon Reservoir"
ff 224	JAN 1938	"Peak Flood Discharges of South Platte River at Denver Gaging Station, Jan. 1921 - Sep. 1938"
ff 225	NOV 1939	"Memoranda: November 1, 1939 for Clifford H. Stone from C.L. Patterson, re: Flood Control on Cherry Creek above Denver, Colorado"
ff 226	APR 1944	"Remarks at Meeting, re: Cherry Creek Dam Project, 10 April 1944"
ff 227	JAN 1946	"Report of Committee on Outlet Capacity Designated to Act for the Colorado Water Conservation Board" [re: Cherry Creek Flood Control Project]

ff 228	FEB 1946	"Resolutions of the Consolidated Ditch Association, 12 Feb. 1946" [re: Cherry Creek Dam Project]
ff 229	APR 1946	"Notes of Meeting of the Members of the Colorado Water Conservation Board & U.S. Engineers" [re: Cherry Creek Dam Project]
ff 230	MAY 1946	"Specifications and Drawings: Repairs to Barker Dam"
ff 231	[OCT 1946?]	"Preliminary Report on Standley Lake Dam" [5 copies]
ff 232	JUL 1950	"Cherry Creek Dam and Reservoir: Reservoir Regulation Plans"
ff 233	AUG 1953	"Supplemental Agreement between the City of Boulder and the Northern Colorado Water Conservancy District"
ff 234	FEB 1954	"Contract Documents Including Specifications for Construction of Dams and Appurtenants Structures for Boulder Reservoir"
ff 235	MAR 1954	"Addendum Number I to the Contract Documents including Specifications for Construction of Dams and Appurtenant Structures for Boulder Reservoir"
ff 236	JUN 1954	"Boulder Reservoir Dams: Report on Status of Work as of June 4, 1954"
ff 237	JUN 1954	"Boulder Reservoir Dams: Report on Status of Work as of June 9, 1954"
ff 238	JUN 1954	"Boulder Reservoir Dams: Report on Status of Work as of June 15, 1954"
ff 239	JUN 1954	"Boulder Reservoir Dams: Report on Status of Work as of June 19, 1954"

ff 240	JUN 1954	"Boulder Reservoir Dams: Report on Status of Work as of June 27, 1954"
ff 241	JUL 1954	"Boulder Reservoir Dams: Report on Status of Work as of July 7, 1954"
ff 242	JUL 1954	"Boulder Reservoir Dams: Seventh Report on Status of Work as of July 15, 1954"
ff 243	JUL 1954	"Boulder Reservoir Dams: Eighth Report on Status of Work as of July 22, 1954"
ff 244	JUL 1954	"Boulder Reservoir Dams: Ninth Report on Status of Work as of July 27, 1954"
ff 245	AUG 1954	"Boulder Reservoir Dams: Tenth Report on Status of Work as of August 4, 1954"
ff 246	AUG 1954	"Boulder Reservoir Dams: Eleventh Report on Status of Work as of August 10, 1954"
ff 247	AUG 1954	"Boulder Reservoir Dams: Twelfth Report on Status of Work as of August 16, 1954"
ff 248	AUG 1954	"Boulder Reservoir Dams: Thirteenth Report on Status of Work as of August 22, 1954"
ff 249	AUG 1954	"Boulder Reservoir Dams: Fourteenth Report on Status of Work as of August 28, 1954"
ff 250	SEP 1954	"Boulder Reservoir Dams: Fifteenth Report on Status of Work as of September 2, 1954"
ff 251	SEP 1954	"Boulder Reservoir Dams: Sixteenth Report on Status of Work as of September 6, 1954"

ff 252	SEP 1954	"Boulder Reservoir Dams: Seventeenth Report on Status of Work as of September 13, 1954"
ff 253	SEP 1954	"Boulder Reservoir Dams: Eighteenth Report on Status of Work as of September 18, 1954"
ff 254	SEP 1954	"Boulder Reservoir Dams: Nineteenth Report on Status of Work as of September 25, 1954"
ff 255	DEC 1954	"Report on the Feasibility of Supplying Westminster with a Domestic Water Supply from Accumulations of Water in Gravel Pits Owned by the Cooley Gravel Company" [3 copies]
ff 256	SEP 1956	re: C.G. Cooley -- Cooley Gravel Co. "Report on Results of Conference on September 10, 1956 with Mrs. Mamie"

C. COURT MATERIALS 1937-45

FILE FOLDER	DATE	TITLE
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ff 257	MAY 1937	United Gilpin Corporation v. W.W. Wilmore, Joe Pearson, D.E. Trogler, Frank Bond and Frank Morris, No. 14000, Decision, 3 MAY 1937
ff 258	1945	North Poudre Irrigation Co. v. Hinderlider, et al., No. 8383. testimony and court exhibits

D. MISCELLANEOUS 1903-57

FILE FOLDER	DATE	TITLE
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ff 259	ND	"Aqua - Fria Dam - Computations"
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ff 260 [1903?] "Tables of Discharge: S. Fork of the South Platte, 1900-1903"

ff 261 [1907?] "Computations for Report on English Highline Canal for the Central Colorado Power Co."

ff 262 [1930?] "Core Drillings at Eleven Mile Canyon Dam Site -- Denver"

ff 263 MAR 1930 re: Eleven Mile Canyon Dam, "Concrete Tests"

ff 264 MAY 1930 "Eleven Mile Canon Dam: Calculation of Stress and Deflections"

ff 265 MAY 1935 Field Data East Cherry Creek, Kiowa and Bijou Creeks

ff 266 JAN 1944 re: Cherry Creek Flood Control Project:
 "Kenwood Dam Area and Capacity Curves"
 "Cherry Creek Dam: Alternate Plan for Outlet Works" [ND]

ff 267 AUG 1945-JUL 1949 Misc. Computations & Figures. re: Cherry Creek Flood Control Project

ff 268 [c. FEB 1953] Misc. Computations & Photos. re: Castlewood Dam

ff 269 [1954] Brochures re: compacting equipment used in Boulder Twin Lakes Dam construction

ff 270 MAR-JUL 1954 re: Boulder's Twin Lakes Dams:
 computations, MAR 1954;
 handwritten report on labor conditions and soil composition, JUL 1954; and
 handwritten report on rubber tired wheel rollers, AUG 1954

- ff 271 DEC 1956 re: Cooley Gravel Co. "Proposed Parshall Flume to Measure an Assumed Amount . . . for Olsen's 60 acres . . ."
- ff 272 [c. 1957?] re: Cooley Gravel Co.: Miscellaneous, Notes re: Kershaw Ditch and Manhart Ditch
- ff 273 JUL 1957 re: Cooley Gravel Co. "Kershaw Ditch -- Computations to Determine Most Desirable Size and Shape for Relocation . . ."

PART VIII

1933-1942

RIO GRANDE RIVER BASIN
A. UNPUBLISHED REPORTS

FILE FOLDER	DATE	TITLE
ff 274	1933	"Application of the State of Colorado for the Construction by the United States of a Drain Through the 'Cloud Basin' of the Rio Grande"
ff 275	JUL 1938	"Engineering Report on Conejos Storage Project"
ff 276	SEP 1942	"Basis of Determination of Availability of Water for Storage in Wagon Wheel Gap Reservoir between Sep. 1, 1941 and Sep. 1, 1942"
ff 277	SEP 1942	"Observations on Article in the Monte Vista Journal issue of August 28, 1942" [re: Wagon Wheel Gap Res.]

B. MISCELLANEOUS

1942-1944

FILE FOLDER	DATE	TITLE
ff 278	[c. 1942?]	"Diversions by Principal Canals from Rio Grande, SEP 1941 - AUG 1942"
ff 279	[1944?]	"List of Ditches in Water District No. 20 Which Divert from Rio Grande below Del Norte Gaging Station"
ff 280	[1944?]	"Operation of Elephant Butte Reservoir"
ff 281	[1944?]	"Conejos Water Supply, 1911-1943"

ff 282	[1944?]	"Operations of Wagon Wheel Gap Reservoir under an Assumed Annual Delivery of 90,000 Acre Feet"
ff 283	[1944?]	"South Fork of Rio Grande at South Fork"
ff 284	[1944?]	"Diversions of River from the Rio Grande by Ditch in Dist. No. 20 from 1913 to 1943 incl."
ff 285	1944	"Computations on Available Water for Wagon Wheel Gap Reservoir"

PART IX

TRANSMOUNTAIN PROJECTS
A. PUBLISHED REPORTS

1936

FILE FOLDER	DATE	TITLE
ff 286	APR 1936	<u>General Specifications for Ralston Creek Dam, Outlet Works and Spillways [2 copies]</u>
B. UNPUBLISHED REPORTS 1899 ; 1926 - 1951		
FILE FOLDER	DATE	TITLE
ff 287	ND	"Irrigation System of the Twin Lakes Reservoir and Canal Co."
ff 288	APR 1899	"Report on the Outlet Gates of the Twin Lakes Reservoir"
ff 289	1926	"Proposed Trans-Mountain Diversions from Colorado River and Tributaries to the Head of the Arkansas River"
ff 290	NOV 1927	"Discussion of Supplemental Water Supply Possibilities for Arkansas Valley"
ff 291	DEC 1933	re: Big Thompson Project "Preliminary Engineering Report: Northern Transmountain Diversion"
ff 292	APR 1936	"General Specification for Ralston Creek Dam" [typescript]
ff 293	SEP-OCT 1936	"Progress Reports: Ralston Creek Dam"

ff 294	SEP-DEC 1936	re: Ralston Creek Dam. Notes on Inspection Trip, SEP 1936; Memo of Conference, DEC 1936; and Memo of Conference, DEC 1936
ff 295	FEB 1937	"Final Engineering Report on Ten Mile-Robinson Lake Water Project"
ff 296	DEC 1948	re: Gunnison-Arkansas Project. "Memorandum: Abstract of Minutes of Steering Committee"
ff 297	MAR 1949	"Report on the Proposed Enlargement of Twin Lakes Reservoir and Justification Thereof" [3 copies]
ff 298	FEB 1951	re: Denver's Reservoir #22: Federal Power Commission Order Issuing License"
ff 299	[c. APR 1951]	re: Denver's Reservoir #22: "Advertisement: Notice to Bidders"
ff 300	SEP 1951	"Reservoir No. 22 Dam: A Paper Presented on September 25, 1951" [3 copies]

C. MISCELLANEOUS 1930 - 1959

FILE FOLDER	DATE	TITLE
ff 301	AUG 1930	re: announcement of enlargement work on Twin Lakes System
ff 302	[c. 1933?]	"Notes on Colo. Water Resource, Uses & Proposed Projects for Future Conservation"
ff 303	JUN 1934	"Transmountain Diversions from Colorado River Basin --- Colorado"

ff 304	FEB 1936	"Cross Sections of Ralston Creek Dam"
ff 305	[1944?]	"Tables of Final Draft for Correction for the Twin Lakes Report"
ff 306	[compiled 1948?]	Notebook re: Twin Lakes. Cross Sections of Dam, Tables of Steam Discharge, Diversions of Water, Maximum Quantities in Storage in Twin Lakes, Lakes Meredith and Henry, Diversions by Colorado Canal and Costs of Enlargement of Twin Lakes, and comparisons to selected other ditch companies in the Arkansas Valley
ff 307	[compiled 1948?]	Notebook re: Twin Lakes. Detailed Studies of Colorado Canal Diversions from 1918 - 1947
ff 308	[compiled 1948?]	Notebook re: Twin Lakes. Detailed Studies of Colorado Canal Diversions from 1917 - 1948.
ff 309	[compiled 1948?]	Notebook re: River Flows in the Arkansas and Colorado River Basins as they Related to the Twin Lakes System; and the Twin Lakes System
ff 310	JUL 1948	re: Twin Lakes --- miscellaneous List of Well Drillers "Copy of Suggested Changes & Additions to 1st Draft of Agreement Presented at Meeting in Beach's Office"
ff 311	1948-1954	re: Twin Lakes -- bills, receipts, etc.
ff 312	JUL 1948	"Contract between the Ed Drilling Company and the Twin Lakes Reservoir and Canal Company"
ff 313	JUL 1948	"Twin Lakes: Record of Drillings"
ff 314	JUL-OCT 1948	"Statements re: Test Hole Drilling Operations at Twin Lakes"

ff 315	JUL-OCT 1948	"Notes on Test Hole Drilling at Twin Lakes"
ff 316	JUL-OCT 1948	"Record of Percolation Tests and Logs of Drilling at Twin Lakes"
ff 317	AUG 1948	"Contract between Eldridge Candler and the Twin Lakes Reservoir and Canal Company"
ff 318	SEP 1948	"Survey Notes of Road Location and Original Channel at Twin Lakes"
ff 319	1949	"Notes re: Pumping Plants for the Twin Lakes System"
ff 320	JAN-FEB 1951	re: Denver's Reservoir #22. notes, computations, rough drafts, misc. papers
ff 321	[1954?]	computations of cost of lining the Twin Lakes Tunnel and of transmountain tunnel diversions for Twin Lakes Tunnel, 1935-1954
ff 322	1958	"Proposed Pumping Plant on Twin Lakes, Colo."
ff 323	APR 1958	"Plans and Estimated Cost for Increasing Height of Present Twin Lakes Dam to Provide an Additional capacity of 27,446 A.F."
ff 324	FEB 1959	re: Twin Lakes System. "Comments as to the desirability of a canal of a capacity of 2000 cfs"
ff 325	FEB 1959	"Tentative Designs and Estimated Cost of a Canal Located along the South Side of Twin Lakes Reservoir between the Upper and Lower Twin Lakes . . ."

PART X 1908-1939

OUT OF STATE REPORTS
A. PUBLISHED REPORTS

FILE FOLDER	DATE	TITLE
ff 326	JUL 1908	<u>Pollution of New York Harbor</u>
ff 327	APR 1909	<u>The Housefly at the Bar</u>
ff 328	SEP 1929	"Conquering the Colorado: Boulder Dam --- Symbol of the Epic Conquest of the Southwest"
	JUN 1930	"Why Boulder Dam Height Was Increased"
ff 329	1935	<u>Construction of the Cajalco Dam and Dike and Appurtenant Work</u>
ff 330	JAN 1939	"Engineering Geology Problems at Conchas Dam, New Mexico"

B. UNPUBLISHED REPORTS 1907 - 1939

FILE FOLDER	DATE	TITLE
ff 331	ND	"Report on the Westwater Irrigation Project, Utah"
ff 332	OCT 1907	"Report on the Proposed Power Plant of the North Platte Canal & Colonization Co. on the North Platte River [Wyoming]"
ff 333	NOV 1907	"Preliminary Report on Davis, Folsom & Brewer Canal, Saratoga, Wyo."

ff 334	JUL 1910	"Preliminary Report on Woodside Irrigation Project, Utah"
ff 335	SEP 1909	"Report on the Irrigation System of the Maxwell Irrigated Land Company"
ff 336	MAY 1910	"Report on the Riverside and Hoge Ranches, Albany County, Wyoming"
ff 337	DEC 1910	"Short Report and Sketch Maps of the French, Maxwell and Springer Irrigation Projects"
ff 338	JAN 1911	"Report on Crouch Mesa Irrigation Project, San Juan County, New Mexico"
ff 339	APR 1911	"Conclusions regarding the Irrigation Possibilities in the Vicinity of Maxwell, French and Springer, Colfax County, New Mexico" [3 copies]
ff 340	AUG 1911	"Claims to the Use of Waters in Colfax County, New Mexico"
ff 341	JAN 1912	"Report Concerning Runoff Available for Black Mesa Project near Raton, Colfax County, New Mexico"
ff 342	APR 1912	"Report on the Inca Canal, San Juan County, New Mexico"
ff 343	JAN 1913	"Report on the Water Supply of La Cueva-Mora-Ft. Union-Hadley Project, Mora County, New Mexico" [3 copies]
ff 344	MAR 1913	"Final Report on Tucson [Arizona] Project"
ff 345	APR 1913	"Las Vegas Irrigation District, New Mexico" [2 copies]
ff 346	[SEP 1914?]	"Deer Creek Project, California"
ff 347	MAY 1919	"Specifications for the Fort Sumner Irrigation District, New Mexico"

ff 348	JAN 1920	"Fort Sumner Irrigation District, New Mexico"
ff 349	MAR 1925	"San Juan (Turley) Project --- New Mexico"
ff 350	JUN 1937	"General Information Concerning the Fort Peek Dam"
ff 351	JUL 1937	"A Trip over the Fort Peek Project"
ff 352	JUL 1938	"Conchas Dam Project, New Mexico" [4 copies]
ff 353	DEC 1938--JAN 1939	"Minutes of Meeting of Conchas Dam Consulting Board, December 5 and 6, 1938" "Addendum to Minutes of Meeting of Conchas Dam Consulting Board December 5 and 6, 1938"
ff 354	APR 1939	re: Conchas Dam, New Mexico "Report on Leakage in Red Shale"

C. MISCELLANEOUS n.d.

FILE FOLDER	DATE	TITLE
ff 355	ND	"Ft. Supply - Oklahoma City Water Supply"
ff 356	ND	"San Arroyo Irrigation District: Computations"

PART XI

MISCELLANEOUS WATER AND ENGINEERING REPORTS AND MATERIALS 1904-1950
A. PUBLISHED REPORTS AND MATERIALS

FILE FOLDER	DATE	TITLE
ff 357	ND	"Facts about Plastik-Pac in Concrete"
ff 358	ND	"Pozzolith for More Durable and Economic Concrete"
ff 359	DEC 1904	"Gas Producer 10% Greater Efficiency than Steam Boiler"
ff 360	JUN 1908	"Central Station Power Problems"
ff 361	JUN 1908	"The Design of Retaining Walls.--I"
ff 362	1909	<u>Colorado: Irrigation Statutes and Supreme Court Decisions</u>
ff 363	SEP 1910	<u>Eighteenth National Irrigation Congress, Sep. 26-30, 1910</u>
ff 364	1916	<u>Flow Through Weir Notches with Thin Edges and Full Contractions</u>
ff 365	1917	<u>Surface Water Supply of the United States, 1915. Part VII. Lower Mississippi River Basin</u>
ff 366	1919	<u>Surface Water Supply of the United States, 1916. Part IV. Missouri River Basin</u>
ff 367	APR 1925	"Figuring the Size and Washout Risk of Drainage Structures"
ff 368	[1927?]	"General Specifications for Creosoted Southern Pine Timber for Highway Drainage Structures"

ff 369	AUG 1927	"Return Flow and Its Problems on Reclamation Projects"
ff 370	DEC 1927	"Impermeable Concrete for Permanence"
ff 371	[1927?]	"Today's Practice in Concrete"
ff 372	JUN 1930	<u>New Reclamation Era</u> <i>Washington DC</i>
ff 373	MAY 1945	"Improving the Distribution of Water to Farmers by Use of the Parshall Measuring Flume"
ff 374	FEB 1946	"Two Special Methods of Restoring and Strengthening Masonry Structures"
ff 375	1950	<u>A Water Policy for the American People</u>
ff 376	1950	<u>Reclamation Engineering Center in Denver</u>

B. UNPUBLISHED REPORTS AND MATERIALS *1900-1951*

FILE FOLDER	DATE	TITLE
ff 377	ND	"Computations for Dams"
		-Indian Creek Reservoir Dam Outlet
		-Ward Lake Reservoir
		-Ground Hog Reservoir
		-South Boulder Creek at Eldorado Springs
		-Denver's Dam #22: Now Gross Reservoir Dam (1956)
		-Denver's Eleven Mile Canyon Dam
		-Overland Reservoir Dam
		-Gibson Dam

- ff 378 ND "Proposals for Projects in Hydrologic Research: Section I - General: Section II - Precipitation: Section III - Run-off and Stream Flow"
- ff 379 ND "Simple Formula for Area, Wetted Perimeter, Discharge and Mean Velocity of a Stream"
- ff 380 ND "Extracts Taken from Marsh's Reinforced Concrete: Rusting of Metal Embedded in Concrete"
- ff 381 ND "Orchard Construction Company, Power House, Forebay and Feeder Pipes"
- ff 382 ND "Percolation Through Earth Dams"
- ff 383 OCT 1900 "Table Giving Safe Head in Feet for pipe of Given Diameter and Given Thickness"
- ff 384 [c. 1904] "Experiments on Steel Concrete Pipes on Working Scale Made for the Reclamation Service by Order of F.H. Newell"
- ff 385 NOV 1904 "Sources and Cost of Power for Pumping Irrigation Water"
- ff 386 [c. 1905] charts and tables:
 "Prof. Ruhlmann's Backwater Functions"
 "Diagram for Use in Designing Penstock"
 "Steam Turbin Data"
 "Table for Reinforced Concrete Floor and Roof Slabs"
 "Concrete Steel Pipe"
- ff 387 FEB 1905 "Irrigation by Pumping"
- ff 388 NOV 1905 "Theoretical Hydraulic HP."
 "Reservoir Storage for 100 HP. 24 Hours"
- ff 389 DEC 1925 "Proposed Testing of Models of Arch Dams in Colorado"

ff 390	AUG 1926	"Sand Analysis Chart"
ff 391	DEC 1927-NOV 1930	"Concrete Test Records"
ff 392	OCT 1928	"Unit Cost Data: Mass Concrete or Masonry and Excavation: Major Dams in Western Part of the United States"
ff 393	NOV 1929	"The Engineer and the Intellectual Life"
ff 394	NOV 1930	"Proceedings of Third Annual Conference of the Association of Western State Engineers"
ff 395	OCT 1937	"Sedimentation Studies by the Soil Conservation Service"
ff 396	JUL 1940	"Multiple Use Aspect of Irrigation Projects"
ff 397	MAR 1941	"Report on the Effect of Absorptive Form Lining on Concrete"
ff 398	AUG 1948	"Proceedings, Twenty-First Annual Convention, Association of Western State Engineers"
ff 399	MAY 1949	"Summary Report on Federal Inter-Agency River Basin Committee and Its Subcommittees"
ff 400	[c. 1951]	"Biographical Sketch of A.J. Hamman"
ff 401	SEP 1951	"Corps of Engineers Report on Pneumatic Tire Type Roller Test"

PART XII

COLORADO WATER CONSERVATION BOARD

A. PUBLISHED MATERIALS 1952

FILE FOLDER	DATE	TITLE
ff 402	1952	<u>A Hundred Years of Irrigation in Colorado</u> [2 copies]

B. UNPUBLISHED MATERIALS 1937 - 1954

FILE FOLDER	DATE	TITLE
ff 403	AUG 1937	"Minutes of a Called Meeting of the Colorado Water Conservation Board"
ff 404	OCT 1940	"Report of Clifford H. Stone, Director"
ff 405	JAN 1941	"Minutes of Meeting, Colorado Water Conservation Board"
ff 406	MAR 1941	"Minutes of Board Meeting"
ff 407	JUN 1941	"Memorandum, June 3, 1941"
ff 408	JUN 1941	"Memorandum, June 9, 1941"
ff 409	JUL 1941	"Memorandum, JUL 9, 1941"
ff 410	JUL 1941	"Memorandum, July 14, 1941"
ff 411	JUL 1941	"Memorandum, July 19, 1941"

ff 412	JUL 1944	"Minutes of Board Meeting, Colorado Water Conservation Board"
ff 413	JUL 1944	"Agenda, Outline, and Legislative Materials for Colorado Water Conservation Board Meeting -- July 12-13, 1944"
ff 414	APR 1952	Program: Colorado Irrigation Centennial Celebration
ff 415	DEC 1953	"Minutes of Colorado Water Conservation Board"
ff 416	JAN 1954	"Minutes of Colorado Water Conservation Board" [2 copies]
ff 417	JAN 1954	"Report of Ivan Crawford"
ff 418	FEB 1954	"Statement of Ivan C. Crawford before Interior Subcommittee of House Committee on Appropriations"
ff 419	APR 1954	"Reports to the Underground Water Legislation Committee"
ff 420	APR 1954	"Colorado Water Conservation Board Agenda for Meeting"

PART XIII

COLORADO STATE ENGINEER OFFICE

1923-1953

FILE FOLDER	DATE	TITLE
ff 421	ND	"Colorado Reservoirs: Average Depths in Percent of Maximum Depths"
ff 422	ND	"Projects in State of Colorado including Irrigation Districts Having 5,000 Acres or More Irrigated"
ff 423	ND	Concrete Report Forms and Office Stationary
ff 424	DEC 1923-NOV 1924	Expense Accounts
ff 425	[c. 1924]	General Office File: contains information re: to reservoirs, rivers, office staff and expenses
ff 426	[c. 1937?]	"Reasons Why the Office of State Engineer Should Not Be Placed Under or Consolidated with any Present or Future Board . . ."
ff 427	1940	"List of Storage Reservoirs in Colorado" [2 copies]
ff 428	1945	<u>Manual of Rules and Regulations for Filing Claims to Water</u>
ff 429	JAN 1946-DEC 1946	Expense Accounts
ff 430	JAN 1947-DEC 1947	Expense Accounts
ff 431	JAN 1948-NOV 1948	Expense Accounts
ff 432	JUN 1949	"Inventory of State Property"

ff 433 JUN 1949 "State Auditor's Report: Division of Water Resources"

ff 434 JUN 1953 "Inventory of State Property" [2 copies]

PART XIV

COLORADO STATE LEGISLATION

1921-1954

FILE FOLDER	DATE	TITLE
ff 435	1921	"Digest of H.B. 109: New Irrigation District Bill"
ff 436	[1940-1950?]	"Amending Chapter 174 of the Laws Passed at the Thirty-Second Session of the General Assembly of the State of Colorado Concerning Water Conservancy Districts"
ff 437	[1940-1950?]	"Amending Chapter 253 of the Laws Passed at the Thirty-Fifth Session of the General Assembly of the State of Colorado Concerning Water Conservancy Districts"
ff 438	[c. 1954?]	"Proposed Senate Bill No. 113: Relating to . . . Underground Water"

PART XV

PERSONAL

A. WRITINGS

1903 - 1965

FILE FOLDER	DATE	TITLE
ff 439	ND	"Ground Water Problems of My State" [rough draft and 2 copies]
ff 440	ND	"Typing Farming to the Live Stock Industry" [2 copies]
ff 441	ND	"Relationship of Water Commissioners and Board of County Commissioners" [3 copies]
ff 442	ND	"The Engineer" [3 copies]
ff 443	ND	"Operation of the Law Providing for the Registration of Professional Engineers and Land Surveyors" [2 copies]
ff 444	ND	"The Laboratory's Place in Civilization" [original and 2 copies]
ff 445	DEC 1903	"A New Station for the Rating of Currents Meters by the U.S. Geological Survey"
ff 446	NOV 1913	"A Diversion Dam with Unusually High Flashboards"
ff 447	OCT 1931	"Lack of Forethought in Planning the Development of Water Resources, and Penalties of Lack of Forethought and Coordinated Effort", pp. 15-45 of a draft copy; and a complete copy of the same from "The Proceedings of Fourth Annual Conference of the Association of Western State Engineers", pp. 92-117.

ff 448	[1932]	"Washington the Man"
ff 449	JUN 1936	"Address at Opening of Moffat Water Tunnel"
ff 450	SEP 1940	"The Place of the Engineer in a Program for National Defense" [original and 5 copies]
ff 451	c. 1952	"Seven Stages of the Development of Irrigation in Colorado"
ff 452	APR 1952	"A Century of the Development of Water Administration in Colorado" [original and 5 copies]
ff 453	1965	"Water: The Sustainer of Life" [manuscript in a ring notebook]

B. NOTEBOOKS AND NOTES 1922-1960

FILE FOLDER DATE CONTENTS

ff 454	ND	Colorado Court Decisions on Water Cases, Wyoming-Colorado Case, Colorado-Kansas case
ff 455	1922-1923	Notes, re: Underground Electrical Conduits, Mountain States Inspection Bureau's Requirements, Collier Sprague and Cherry Hills Golf Course, Pipe Prices, and Water Consumption of City Systems
ff 456	c. 1924	Colorado-Kansas Controversy, Del Monte Irrigation District, misc. entries
	c. 1925	addresses, Caddoa Dam, Rio Grande Compact, misc. entries
	c. 1925	Denver Water System, court cases, Arkansas Valley Matters
ff 457	1940	Notes, re: Vacation to Texas and Mexico

ff 458 JAN 1957 Record of Auto Accident
 ff 459 1960 Notes, re: Meeting of Four States Irrigation Council

C. MISCELLANEOUS 1897 ; 1931-1963

FILE FOLDER	DATE	TITLE
ff 460	ND	"The Magic Black Light" "Opportunity"
ff 461	1897	Calculus Notebook
ff 462	APR 1931	<u>Purdue Alumnus</u>
ff 463	1937	<u>Ode to Liberty by Henry George</u>
ff 464	1940	<u>Signs of the Times</u> (Mountain View CA)
ff 465	APR 1963	<u>Ethel Barnes Health House News</u> (Denver CO)
ff 466	APR 1963	<u>Rocky Mountain Consistory: Bulletin</u> (Denver CO)

D. BIOGRAPHICAL MATERIAL 1935-1987

FILE FOLDER	DATE	TITLE
ff 467	ND	"Biographical Sketch of Education and Engineering Experience of M.C. Hinderlider" [7 copies]
ff 468	ND	"Record of M.C. Hinderlider"

ff 469	ND	"Genealogy of M.C. Hinderlider"
ff 470	1935	"Biographical Sketch of Education and Engineering Experience of M.C. Hinderlider, State Engineer of Colorado" [9 copies]
ff 471	SEP 1937	"Citizens Historical Association"
ff 472	AUG-SEP 1967	Obituaries
ff 473	NOV 1987	Letter from Clyde K. Hinderlider, Sr. [M.C. Hinderlider's Son]

E. NEWSPAPER CLIPPINGS h . d .

FILE FOLDER

REGARDING

ff 474	Career Information about M.C. Hinderlider
ff 475	Cherry Creek Flood
ff 476	Arkansas River Valley
ff 477	Miscellaneous

PART XVI

MAPS AND TECHNICAL DRAWINGS

1924-1956

CALL NUMBER	DATE	TITLE
TC553 1924 .B8	NOV 1924	Special Design Radial Gate Hoist for Drainage District No. 7, Poinsett County, Arkansas.
TC553 1925 .B8	OCT 1925	15-ft x 10-ft. Built-Up Steel Radial Gate: For the Buckeye Conservation and Drainage District, Buckeye, Arizona.
TC553 1927 .F6L9a S1	[FEB 1927]	Photo Stats: Fort Lyon Canal Company: General Plans for Sand Sluices and Head Gates for Upper Dam, Sheet Number Two.
TC553 1927 .F6L9a S2	[FEB 1927]	Photo Stats: Fort Lyon Canal Company: General Plans for Headworks and Sand Traps, Sheet Number Three.
TC553 1927 .F6L9a S3	[FEB 1927]	Photo Stats: Fort Lyon Canal Company: Detail Plans for Sluiceway Thru Upper Dam, Sheet Number Four.
TC553 1927 .F6L9a S4	[FEB 1927]	Photo Stats: Fort Lyon Canal Company: 9' x 12' Radial Sluice Gates for Diversion Dam, Sheet Number Five.
TC553 1927 .F6L9a S5	[FEB 1927]	Photo Stats: Fort Lyon Canal Company: Worm Gear Ball Bearing hoist for Radial Sluice Gates, Sheet Number Six.
TC553 1927 .F6L9s S6	[FEB 1927]	Photo Stats: Fort Lyon Canal Company: General Plans for Sand Sluices at Lower Dam, Sheet Number Eight.
TC553 1927 .F6L9 S1	[FEB 1927]	Plan of Proposed headworks for Ft. Lyon Canal at Upper Dam.
TC553 1927 .F6L9 S2	FEB 1927	Ft. Lyon Canal Company: Detail Plans for Sluiceway Thru Upper Dam, Sheet Number One.

TC553 1927 .F6L9 S3	[FEB 1927]	Ft. Lyon Canal Company: Details of 9 x 12 Radial Gates, Sheet Number Five. [3 copies]
TC553 1927 .F6L9 S4	[FEB 1927]	Ft. Lyon Canal Company: Worm Gear Ball Bearings Hoist for Radial Sluice Gates, Sheet Number Six.
TC553 1927 .F6L9 S5	MAR 1927	Duplex Radial Gate Hoist Proposed for Fort Lyon Canal Company.
G4313 E2N2 1934 .C5W3 S33	JAN 1934	City of Colorado Springs: Department of Water and Water Works: General Map of Pipe Line and Reservoirs, The North Slope Development.
G4313 E2N2 1934 .C5W3 S67	JAN 1934	City of Colorado Springs: Department of Water and Water Works: Map of Crystal Creek Reservoir.
G4313 E2N2 1934 .C5W3 S70	JUL 1934	City of Colorado Springs: Department of Water and Water Works: General Plan of Crystal Creek Dam.
G4313 E2N2 1934 .C5W3 S71	JUL 1934	City of Colorado Springs: Department of Water and Water Works: Topography, Downstream from Crystal Creek Dam.
G4313 E2N2 1934 .C5W3 S80	JUL 1934	City of Colorado Springs: Department of Water and Water Works: Trash Racks and Outlet Valve Details, Crystal Creek Dam.
G4313 E2N2 1934 .C5W3 S69	JUL 1934	City of Colorado Springs: Department of Water and Water Works: Trash Racks, Crystal Creek Dam.
G4313 E2N2 1934 .C5W3 S78	AUG 1934	City of Colorado Springs: Department of Water and Water Works: Log of Diamond Drill Holes and Test Pits for Crystal Creek Dam.

G4313	E2N2	1934	.C5W3	S76	AUG	1934	City of Colorado Springs: Department of Water and Water Works: Highway Bridge over Spillway, Design and Details, Crystal Creek Dam.
G4313	E2N2	1934	.C5W3	S82	AUG	1934	City of Colorado Springs: Department of Water and Water Works: Spillway Details, Crystal Creek Dam.
G4313	E2N2	1934	.C5W3	S73	AUG	1934	City of Colorado Springs: Department of Water and Water Works: Outlet Works, Valve Chamber, Crystal Creek Dam.
G4313	E2N2	1934	.C5W3	S74	SEP	1934	City of Colorado Springs: Department of Water and Water Works: Electric Welded Steel Face: Plan and Elevation, Crystal Creek Dam.
G4313	E2N2	1934	.C5W3	S75	SEP	1934	City of Colorado Springs: Department of Water and Water Works: Reinforced Concrete Slab from Cutoff Wall to Elevation 9156.0, Crystal Creek Dam.
G4313	E2N2	1934	.C5W3	S79	SEP	1934	City of Colorado Springs: Department of Water and Water Works: Reinforced Concrete Paving on Upstream Slope: Maximum Section and Details, Crystal Creek Dam.
G4313	E2N2	1934	.C5W3	S83	SEP	1934	City of Colorado Springs: Department of Water and Water Works: Outlet Works - Section Through Outlet Tunnel and Details, Crystal Creek Dam.
G4313	E2N2	1934	.C5W3	S72	SEP	1934	City of Colorado Springs: Department of Water and Water Works: Reinforcement Details for Valve Chamber, Crystal Creek Dam.

G4313	E2N2	1934	.C5W3	S72	SEP	1934	City of Colorado Springs: Department of Water and Water Works: Maximum Section and Details of Parapet and Toe Wall [Crystal Creek Dam].
G4313	E2N2	1934	.C5W3	S72	OCT	1934	City of Colorado Springs: Department of Water and Water Works: Maximum Section Through Dam and Details of Steel Face, Cutoff Wall and Parapet Wall [Crystal Creek Dam], [2 copies].
G4313	E2N2	1934	.C5W3	S77	OCT	1934	City of Colorado Springs: Department of Water and Water Works: Layout of Upper End of Spillway and Highway Bridge, Crystal Creek Dam.
G4313	E2N2	1934	.C5W3	S68	OCT	1934	City of Colorado Springs: Department of Water and Water Works: General map Showing Location of Borrow Pits, Crystal Creek Dam.
G4313	E5N2	1935	.C5W3		DEC	1934	City of Colorado Springs: Department of Water and Water Works: General Plan of Dam Showing Drainage System Crystal Creek Dam.
G4313	J4N44	1936	.D4W4	S1		1936	The Denver Municipal Water Works: Moffat Water Tunnel Project: Ralston Creek Reservoir Dam.
G4313	J4N44	1936	.D4W4	S2		1936	The Denver Municipal Water Works: Moffat Water Tunnel Project: Geological Sections. [a.]
G4313	J4N44	1936	.D4W4	S3		1936	The Denver Municipal Water Works: Moffat Water Tunnel Project: Geological Sections. [b.]
G4313	L2N2	1935	.C6E5		MAY	1936	Map of the Official Survey of the Twin Lakes Reservoir. [2 copies]
G4313	L2N44	1948	.T8L3		AUG	1938	Map of the Twin Lakes Reservoir Enlargement.

G4313	B4N2	1938	.U5A7	OCT 1938	Arkansas River Watershed: Caddoa Dam Preliminary Studies -Index -Sheet One: Round-Head Buttress Dam -Sheet Two: Round-Head Buttress Dam and Earth Dam -Sheet Three: Round-Head Buttress and Earth Dam. Concrete Gravity and Earth Dam -Sheet Four: Earth Dam -Sheet Five: Concrete Gravity Dam -Sheet Six: Core Holes along Dam Axis and Proposed Borrow Pits
G4313	B4N2	1939	.U5A7a 1	FEB 1939	Caddoa Dam: Preliminary Section, Sheet 1.
G4313	B4N2	1939	.U5A7a 2	FEB 1939	Caddoa Dam: Design Section Compared with Arkport and Mohawk Dams, Sheet 5.
G4313	B4N2	1939	.U5A7 1	MAR 1939	Caddoa Dam: Design Sections, Sheet 2.
G4313	B4N2	1939	.U5A7 2	MAR 1939	Caddoa Dam: Stability Analysis, Steady Seepage, Downstream Slope. [2 copies]
G4313	B4N2	1939	.U5A7 3	MAR 1939	Caddoa Dam: Stability Analysis, Steady Seepage, Upstream Slope. [2 copies]
G4313	B4N2	1939	.U5A7 4	SEP 1939	Arkansas River: Caddoa Reservoir Project: General Plan - Type I, Sheet No. 1.
G4313	B4N2	1939	.U5A7 5	SEP 1939	Arkansas River: Caddoa Reservoir Project: General Plan - Type II, Sheet No. 2.
G4313	B4N2	1939	.U5A7 6	SEP 1939	Arkansas River: Caddoa Reservoir Project: General Plan - Type III, Sheet No. 3.
G4313	B4N2	1939	.U5A7 7	SEP 1939	Arkansas River: Caddoa Reservoir Project: General Plan - Type IV, Sheet No. 4.

G4313 B4N2 1939 .U5A7 8	SEP 1939	Arkansas River: Caddoa Reservoir Project: Earth Fill Dam - Type III & IV.
G4313 B4N2 1939 .U5A7 9	APR 1940	Arkansas River: Caddoa Reservoir Project: Monoliths Nos. 1 and 43.
TC553 1941 G8	1941	City of Greeley, Colorado: Milton Seasmem Dam.
TC555 1942 .07I7 S1	1942	The Otero Irrigation District. Clear Creek Reservoir, Design for Spillway Repairs, Sheet One.
TC555 1942 .07I7 S2	1942	The Otero Irrigation District. Clear Creek Reservoir, Design for Spillway Repairs, Sheet Two.
TC553 1943 G8	MAY 1943	Sluice Gate - Flat Frame - Rising Stem for 75'-0" Seating Pressure, Greeley, Colorado.
G4051 N2 1944 .U5R4	1944	United States. Department of the Interior. Geological Survey. Mt. Elbert Quadrangle, Colorado., edition 1938, reprinted 1944.
G4313 L2N44 1946 .T8L3	JUN 1944	Federal Reclamation Projects.
G4313 L2N44 1949 .T8L3	1946	[Twin Lakes]. Transmountain Tunnels, Edition of Nov. 1911, reprinted 1946.
G4313 A2G46 1956 .C6C-7	APR 1949	Twin Lakes: Test Hole Drilling Sites.
	JUN 1956	Cooley Gravel Company, Denver, Colorado. Map of Disner, Pomponio & Calvareli Lands.

PART XVII

PHOTOGRAPHS 1927 - 1958

DATE	NUMBER OF		SUBJECT
	PRINTS	NEGATIVES	
1927		3	Fort Lyon Canal Company, Headworks
1932	34		Eleven Mile Canyon Dam Construction
1933	2	10	Castlewood Dam Site
1936	16		Ralston Creek Dam Construction
c. 1940s	1		Michael Creed Hinderlider: probably in his office while serving as the State Engineer of Colorado
1940s	32		John Martin Dam Construction
FEB 1940	14	36	Vacation to Texas and Mexico
July 1948	4	10	Twin Lakes
July 1949	1		Twin Lakes Area Site of Test Hole Drilling
c. 1950	20	17	Twin Lakes
1954	20	22	Construction of Denver's Dam #22 [Gross Res. Dam]
JUN - SEP 1954	30	169	Twin Lakes Dams, Boulder, Colo.
JUL 1954	2	6	Montgomery Dam, Colorado Springs

c. 1955	1	Aerial Photo of the Cooley Gravel Company
1956	10	Montgomery Dam, Colorado Springs
JUL 1956	3	Montgomery Dam, Colorado Springs
1958	7	Orchard Mesa Dumping System, and Redlands Pumping System near Grand Junction, Colorado
AUG 1958	1	Tarryall Dam

PART XVIII

GLASS LANTERN SLIDES 1908-1927

DATE	NUMBER	SUBJECT
[?]	1	Color Tinted Slide of an Unknown Project
c. 1908	12	Redlands Project
c. 1913	25	Beaver Park Dam
c. 1913[?]	61	Tucson Farms
1927	3	Headworks of the Fort Lyon Canal Company