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EDWIN T. MCKNIGHT
(1902 - 1992)

NOTES, CORRESPONDENCE, PAPERS

1926 - 1967

(2.8 linear ft. and 6 map folders)

Edwin Thor McKnight was born in Forsyth, Missouri, in 1902. He earned an undergraduate degree from the University of Washington and a M.S. from Yale University. He joined the staff of the USGS in 1924 and remained with the agency until his retirement in 1969. In addition to his wide-ranging interests in geology, McKnight was a noted amateur ornithologist.

INVENTORY

By

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

Location of Field Notebooks: CS-7: 8-9

GEOLOGY OF THE AREA BETWEEN THE GREEN AND COLORADO RIVERS, GRAND AND SAN JUAN COUNTIES, UTAH. 1926-1940.

<u>Item Number</u>	<u>Description</u>
NO-11893	E.T. McKnight. Field notebook pages with geologic notes and sketches related to field investigation of the area between the Green and Colorado Rivers, Utah. 1926-1927.
NO-11894	Fourteen vertical angle notebooks with survey data related to field investigation of the area between the Green and Colorado Rivers, Utah. 1926-1927.
NO-11895	Envelope with: <ul style="list-style-type: none">- Group of field notebook pages with geologic notes and sketches related to field investigation of the area between the Green and Colorado Rivers. No date.- Three annotated sheets (Plates 22 through 24) from USGS Water-supply paper 396, showing topography along the Colorado River between Castle Creek and the confluence of the Colorado with the Green River, Utah.- Miscellaneous correspondence. 1927.- Copy of a 16-page draft manuscript entitled "The Dakota Formation".
MA-03057	Map folder with 23 items: <ul style="list-style-type: none">- Seventeen plane-table sheets with 1:63,360-scale topographic and geologic mapping of the area between the Green and Colorado Rivers, Grand and San Juan Counties, Utah. Surveyors include E.T. McKnight, O. Murphy, S.S. Nye, and J.D. Sears. 1926-1927.- Six annotated sheets (Plates 13 through 18) from USGS Water-supply paper 396, showing topography along the Green River between Gunnison Butte and the confluence of the Green with the Colorado River, Utah.

Published as: U.S. Geological Survey. Bulletin 908. 1940.

Published as: U.S. Geological Survey. Oil and gas investigations map OM-169. 1954.

GEOLOGY OF THE TRI-STATE LEAD DISTRICT, ARKANSAS, OKLAHOMA, KANSAS, AND MISSOURI. 1927-1955.

NO-02609	E.T. McKnight, C.C. Addison, and K. Bowie. Field notebook pages with geologic notes and sketches related to field investigation of the Evans-Wallower No. 9 Mine, Picher Field, Tri-State Lead District, Oklahoma. 1934.
NO-02610	E.T. McKnight, C.C. Addison, and K. Bowie. Field notebook pages with geologic

notes and sketches related to field investigation of the Evans-Wallower No. 9 Mine, Picher Field, Tri-State Lead District, Oklahoma. 1934.

- NO-02611 E.T. McKnight and C.C. Addison. Field notebook with geologic notes and sketches related to field investigation of the Discard, Bird Dog No. 14, and Velie Lion Mines, Picher Field, Tri-State Lead District, Oklahoma. 1935.
- NO-02612 E.T. McKnight and C.C. Addison. Field notebook with geologic notes and sketches related to field investigation of the Picher Field, Tri-State Lead District, Oklahoma. Locations mentioned include the Black Eagle, Blue Goose, Consolidated No. 3, Cortez-King Brand, Craig, Crystal, Lucky Ox, Mary Jane, Midas, Netta, New Chicago No. 1, New Chicago No. 2, Short Horn, and Wilson Mines. 1934-1935.
- NO-02613 E.T. McKnight and C.C. Addison. Field notebook with geologic notes and sketches related to field investigation of the Picher Field, Tri-State Lead District, Oklahoma. Locations mentioned include the Evans-Wallower No. 7, Evans-Wallower No. 8, Golden Hawk, Premier, St. Joe, and Vantage Mines. 1934.
- NO-02614 E.T. McKnight and K.R. Bowie. Field notebook with geologic notes and sketches related to field investigation of the Picher Field, Tri-State Lead District, Oklahoma. Locations mentioned include the Barnsdale-Brewster, Beck, Bluebird, Brugger, Consolidated No. 2, Craig, Evans-Wallower No. 3, Golden Hawk, Iron Mountain, Luck Ox, Netta, New Chicago No. 1, Premier, Tom L., Vantage, and Wilson Mines. 1934-1935.
- NO-02615 E.T. McKnight and R.P. Fischer. Field notebook with geologic notes and sketches related to field investigation of the Picher Field, Tri-State Lead District, Oklahoma. Locations mentioned include the Anna Beaver, AZ Robinson, Barr, Boska, Chubb, Cortez-King Brand, Dines Blue Mound, Federal Gordon, Foch, Fox, Grace B, John Beaver, Midcontinent, Pelican, Tulsa-Quapaw, Velie Lion, and Webber Mines. 1938.
- NO-02616 E.T. McKnight, R.P. Fischer, and others. Field notebook pages with geologic notes and sketches related to field investigation of the Picher Field, Tri-State Lead District, Oklahoma and Kansas. Included is a copy of the southern portion of the Wyandotte 30' quadrangle, Oklahoma-Missouri, sectioned into 6 pieces, with annotations. 1940.
- NO-02617 Expandable envelope with group of field maps of the Grand River Dam area, Oklahoma, with annotations. 1940.
- NO-02618 E.T. McKnight. Field notebook with geologic notes and sketches related to field investigation of the Picher Field, Tri-State Lead District, Oklahoma and Kansas. Locations mentioned include the Barr Mine, Bendelari Mine, Big John Shaft, LaSalle-Goodwin Mine, and Spring Rivers sections. 1934.

- NO-02619 E.T. McKnight. Field notebook with geologic notes and sketches related to field investigation of the Picher Field, Tri-State Lead District, Oklahoma and Kansas. Locations mentioned include Ballard, Blue Bonnet, Brugger, Cortez-King Brand, Craig, E.W. No. 3, E.W. No. 7, Evans-Wallower, Fort Worth, Golden Hawk, Iron Mountain, Lucky OK, Netta, New Chicago No. 2, Premier, and Roanoke. 1934.
- NO-02620 E.T. McKnight. Field notebook with geologic notes and sketches related to field investigation of the Picher Field, Tri-State Lead District, Oklahoma and Kansas. Locations mentioned include Blue Goose, Bluebird, Crystal, Discard, Evans-Wallower No. 9, Firecracker, Goodeagle, Mary Jane, New Chicago No. 1, S.S. & G., Shorthorn, Smith lease, Southside, Wade, and Wilson. 1935.
- NO-02621 E.T. McKnight. Field notebook with geologic notes and sketches related to field investigation of the Picher Field, Tri-State Lead District, Oklahoma and Kansas. Locations mentioned include American Zinc Robinson, Anna Beaver, Barr, Boska, Cherokee, Chubb, Dines Blue Mound, Federal Gordon, Federal Jarrett, Fox, Grace B., Humbahwahtah, John Beaver, Kansouri, King Brand, Lucky Syndicate, Midcontinent, Midcontinent-Old Lawyers, Paxson, Pelican, Scammon Hill, Tulsa Quapaw, and Webber. 1937-1938.
- NO-02622 E.T. McKnight. Field notebook with geologic notes and sketches related to field investigation of the Picher Field, Tri-State Lead District, Oklahoma and Kansas. Locations mentioned include Bird Dog, Dodson, Harrisburg, New Blue Mound Shaft, and Velie Lion. 1935.
- NO-02623 E.T. McKnight. Field notebook with geologic notes and sketches related to field investigation of the See Sah and Ballard Shafts, Picher Field, Tri-State Lead District, Oklahoma and Kansas. 1935.
- NO-02624 E.T. McKnight. Field notebook with records of drill cuttings collected during field investigation of the Picher Field, Tri-State Lead District, Oklahoma and Kansas. 1935-1937.
- NO-02625 E.T. McKnight. Field notebook pages with geologic notes and sketches on the Wyandotte quadrangle, Oklahoma, made during field investigation of the Picher Field, Tri-State Lead District, Oklahoma and Kansas. 1962.
- NO-02626 E.T. McKnight. Field notebook with geologic notes and sketches related to field investigation of the Picher Field, Tri-State Lead District, Oklahoma and Kansas. Locations mentioned include Bendelari, Big John, Crawfish, and LaSalle-Goodwin. 1934.
- NO-02627 E.T. McKnight. Field notebook with records of drill cuttings collected during field investigation of the Picher Field, Tri-State Lead District, Oklahoma and Kansas. 1934-1935.

- NO-02628 Expandable envelope with 12 folders of underground mine maps, geologic notes, and other data for the American Zinc Robinson, Bendelari, Big Elk, Big John, Black Eagle, Boska, Early Bird (Little Elk), Federal Jarrett, Fox, Grace B., King Brand, Lawyers, Longacre, Midcontinent, Quapaw, Tar Creek, Tulsa, and Wilbur Mines, Picher Field, Tri-State Lead District, Oklahoma and Kansas.
- NO-02629 Expandable envelope with eight folders of underground mine maps, geologic notes, and other data for the Barr, Cherokee, Chubb, Dines Blue Mound, Kansas X Jarrett (K.E. Jarrett), Kansouri, Webber, and West Side Mines, Picher Field, Tri-State Lead District, Oklahoma and Kansas.
- NO-02630 Expandable envelope with nine folders of underground mine maps, geologic notes, and other data for the Anna Beaver, Bird Dog No. 14 (Mehunka Zheka Beaver), Central, Crystal, Gordon No. 3 (Federal Gordon), Harrisburg, John Beaver, Pelican, Velie Lion, and Whisk Broom Mines, Picher Field, Tri-State Lead District, Oklahoma and Kansas.
- NO-02631 Expandable envelope with 17 folders of underground mine maps, geologic notes, and other data for the Consolidated Nos. 2 and 3, Cortez, Crawfish, Eagle Picher Whitebird, East and West Netta, Eudora Whitebird, Evans-Wallower Nos. 3 and 7 (Kenoyer), Evans-Wallower No. 4 (Barbara J.), Evans-Wallower No. 8 (Golden Rod No. 8), Golden Hawk, Goodwin, Grace Walker, Hunt, LaSalle, Lucky Syndicate, North Bingham, Oko, Premier, St. Joe, Slim Jim, and Vantage Mines, Picher Field, Tri-State Lead District, Oklahoma and Kansas.
- NO-02632 Expandable envelope with 12 folders of underground mine maps, geologic notes, and other data for the Blue Bird, Blue Goose Nos. 1 and 2, Goodeagle, Jay Bird (Humbahwahtah), Ritz, Roanoke, S.S. & G., Scammon Hill, See-Sah, Shorthorn, South Side, Tom L., Wisdom, and Woodchuck Mines, Picher Field, Tri-State Lead District, Oklahoma and Kansas.
- NO-02633 Expandable envelope with seven folders of underground mine maps, geologic notes, and other data for the Admiralty Nos. 1, 2, and 4, American Douthat, Beck, Consolidated No. 13 (Baby Jim), Craig, Domado, Evans-Wallower No. 9 (Barbara J.), Fort Worth, Midas, New Chicago (Lawyers) Nos. 1 and 2, Rialto, and Wesley Smith Mines, Picher Field, Tri-State Lead District, Oklahoma and Kansas.
- NO-02634 Expandable envelope with 12 folders of underground mine maps, geologic notes, and other data for the Ballard, Barnsdall Brewster, Blue Bonnet, Brugger, Crane, Discard, Hunter (Harrington), Iron Mountain (Empire), Lucky Jenny (Luck Ox), Lucky OK (New Chicago No. 3), Martha B. (White McKay), Mary Jane, Paxson, and Wade Mines, Picher Field, Tri-State Lead District, Oklahoma and Kansas. Also included (Folder 1) is a group of sheets with data for

miscellaneous drill hole locations in areas outside the area covered by the Eagle Picher map.

- MA-03056 Map folder with two items:
- Plane-table sheet with map of shale-filled depressions in the South Carthage area, Missouri.
 - Plane-table sheet with geologic mapping of features in the North Empire, Kansas, area.

Published as: U.S. Geological Survey. Professional paper 588. 1970.

GEOLOGY OF THE RICO MINING DISTRICT, DOLORES AND MONTEZUMA COUNTIES, COLORADO. 1930-1967.

- NO-03609 E.T. McKnight and E.B. Eckel. Field notebook with geologic notes and sketches related to field investigation of the Rico Mining District, Colorado. Locations mentioned include Allyn Gulch, Black Wonder, Iron Mine, Montezuma workings, Nora Lilley, Nutmeg Tunnel, Silver Creek, Tunnel 18, Tunnel 46, and West Bank Dolores River. 1931.
- NO-03610 E.T. McKnight and E.B. Eckel. Field notebook pages with geologic notes and sketches related to field investigation of the Rico Mining District, Colorado. Locations mentioned include Peterson Slide, Potter Tunnel, Shamrock Tunnel, and St. Louis Tunnel. 1931.
- NO-03611 E.T. McKnight and E.B. Eckel. Field notebook with geologic notes and sketches related to field investigation of the Rico Mining District, Colorado. Locations mentioned include ABG Mine, east side Dolores River, Mountain Springs, Peterson Draw, Peterson Gulch, and Sandstone Mountain. 1931.
- NO-03612 E.T. McKnight. Field notebook with geologic notes and sketches related to field investigation of the Rico Mining District, Colorado. Locations mentioned include AVG Mine, Blaine Tunnel, CHC Hill, Con Stope, CVG dump, Dolores River near Marguerite Draw, N. Baby Hill, Rico Argentine, Silver Creek, Telescope Mountain, and Uncle Ned workings. 1956.
- NO-03613 E.T. McKnight. Field notebook with geologic notes and sketches related to field investigation of the Rico Mining District, Colorado. Locations mentioned include Ahkeah, Argentine, Aztec Draw, Aztec Gulch, CHC Hill, Clan Campbell Tunnel, Edwards Mine, St. Louis Tunnel, Last Chance, Rico Argentine, Sambo, Silver Creek, Uncle Ned Gulch, Union Carbonate, and Yellow Jacket. Also included is one page of photo notes. 1957.
- NO-03614 E.T. McKnight. Field notebook with geologic notes and sketches related to field

investigation of the Rico Mining District, Colorado. Locations mentioned include Allyn Gulch, Argonaut, Atlantic Cable area, Black Wonder, Burnett Creek, Deadwood Gulch, Derby and Evans, Dolores Mountain, Engel Mine, Iron Draw Trail, Laura, New Demon Tunnel, Nora Lilley area, north side Telescope Mountain, Pro Patria, Rico, Sulfur Creek, Syndicate, Union Carbonate, Vestal, and Wellington. 1958.

- NO-03615 E.T. McKnight. Field notebook with geologic notes and sketches related to field investigation of the Rico Mining District, Colorado. Locations mentioned include Allyn Gulch, Argentine Shaft, Aztec, DDH No. 118, Deadwood Gulch, Dolores River traverses, Edwards Folly, Falcon, Forest Payroll, Iron Clad, Jones Gold-Myron Jones, N. Baby Hill, New Demon, Nutmeg, Rico, Shamrock, Telescope Mountain, and Union Carbonate. 1958.
- NO-03616 E.T. McKnight. Vertical angle traverse notebook with survey notes related to field investigation of the Rico Mining District, Colorado. 1955-1958.
- NO-03617 E.T. McKnight. Field notebook with geologic notes and sketches related to field investigation of the Rico Mining District, Colorado. Locations mentioned include 88 Tunnel, Ahkeah Tunnel, Allyn Gulch, Black Hawk, Black Wonder, Blaine, Golden Fleece, Log Cabin portal, Nellie Bly, Newman Hill, Nora Lilley, Shamrock, Silver Creek, Silver Creek-Montezuma Tunnel, St. Louis, Union Carbonate, Van Winkle, and west of Nutmeg Tunnel. 1967.
- NO-03618 E.T. McKnight. Field notebook with geologic notes and sketches related to field investigation of the Rico Mining District, Colorado. Locations mentioned include Blaine Mine, DDH Nos. 1-4, Lexington Tunnel, Lower New Year Tunnel, Mount Spring-Argentine area, Nellie Bly, Pro Patria, and Silver Clad. 1969.
- NO-03619 E.T. McKnight and R. Pearson. Field notebook with geologic notes and sketches related to field investigation of the Rico Mining District, Colorado. Locations mentioned include Allyn Gulch, Deadwood Gulch, Dolores Mountain, Forest Payroll Mine, Laura Shaft, Mediterranean Mine, Rico Boy Tunnel, Silver Creek, Silver Glance, Silver Swan, Stephens Tunnel, Sulphur Gulch, Sunflower Tunnel, Vestal Shaft, and Whitecap Mountain. Fifteen annotated field map sections are included in the back of the notebook. 1958.
- NO-03620 E.T. McKnight and J.G. Stone. Field notebook with geologic notes and sketches related to field investigation of the Rico Mining District, Colorado. Locations mentioned include ABG Mine, CBG Mine, Horse Creek, Marguerite Creek, Mountain Springs Mine, Papoose Creek, Peterson Slide, Sandstone Mountain, St. Louis Tunnel, Telescope Mountain, Uncle Ned, and Wellington. 1955.
- NO-03621 Expandable envelope with two folders of research material, including data on geologic structure and stratigraphy in the Rico Mining District, and detailed descriptions of mine stopes visited during field investigation.

- NO-03622 Expandable envelope with eight folders of field notes and sketch maps related to investigation of underground mines in the Rico Mining District, Colorado. Most notes dated 1930-1931.
- MA-00633 Map folder with 16 items related to field investigation of the Rico Mining District, Colorado:
- Ten sheets with maps of the Mountain Spring Mine.
 - Four sheets with maps and cross-section diagrams of the Ahkeah and Falcon Group Mines.
 - Map of the Nora Lilley Mine.
 - Geologic cross-section diagram of diamond drill hole 4, Rico Mining District.
- MA-00634 Map folder with 18 items related to field investigation of the Rico Mining District, Colorado:
- Five maps of the Phoenix-Yellow Jacket Mine.
 - Two maps of the Pigeon Mine.
 - Map of the Pro Patria Tunnel.
 - Two maps of the Revenue Tunnel.
 - Six sheets with maps and cross-section diagrams of the St. Louis Tunnel.
 - Two maps of the Wellington Mine.
- MA-00635 Map folder with 28 sheets of maps and geologic cross-section diagrams of the Rico Argentine Mine, Rico Mining District, Colorado.
- MA-03055 Map folder with 31 items:
- Two plane-table sheets showing geology and mine workings in the Rico Mining District.
 - Map showing geology and underground workings at the Futurity Mine, Rico Mining District.
 - Four maps showing geology and underground workings at the Atlantic Cable Mine, Rico Mining District.
 - Two maps showing geology and underground workings at the Black Wonder Tunnel, Rico Mining District.
 - Map showing geology and underground workings at the Falcon Mine, Rico Mining District.
 - Map showing geology and underground workings at the Van Winkle Shaft, Rico Mining District.
 - Map showing geology and underground workings at Tunnel 18 (east of South Park Mine), Rico Mining District.
 - Three maps and one cross-section diagram showing geology and underground workings at the Shamrock Mine, Rico Mining District.
 - Map showing geology and underground workings at the Potter Tunnel, Rico Mining District.
 - Nine maps showing geology and underground workings at the Mountain Spring-Wellington Mine, Rico Mining District.

- Two maps showing geology and underground workings at the Iron Mine, Rico Mining District.
- Two maps showing geology and underground workings in the Hicks workings-88 Tunnel area, Rico Mining District.
- Map showing geology and underground workings at the Rico Boy and Iron Clad Mines, Rico Mining District.

Published as: U.S. Geological Survey. Geologic quadrangle map GQ-797. 1969.

Published as: U.S. Geological Survey. Professional paper 723. 1974.