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NOTES, CORRESPONDENCE, PAPERS

1950 - 1972

(5.1 linear ft., 7 map folders, and 1 map roll)

INVENTORY

By

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U.S. Geological Survey Field Records Collection

MS 914, Box 25046, Federal Center

Denver, CO 80225-0046

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Location of Field Notebooks: CS 13-1, 2

GEOLOGIC MAPPING IN NEBRASKA AND PARTS OF WYOMING, COLORADO, KANSAS, AND SOUTH DAKOTA. 1950-1972.

<u>Item Number</u>	<u>Description</u>
NO-09242	<p>Thirteen card file boxes with four groups of index cards:</p> <ul style="list-style-type: none">- cards with well data and bibliographic notes, organized by Nebraska county.- cards with miscellaneous bibliographic notes and drilling data for Nebraska, South Dakota, and Wyoming.- cards with drilling data organized by township for Nebraska, Kansas, South Dakota, and Wyoming, from T. 1 N. through T. 35 N.- cards identified only as drilling data for T. 20 N.
MA-01030	<p>Map folder with 16 items:</p> <ul style="list-style-type: none">- five aerial photomosaic indexes covering the Scottsbluff, North Platte, Sterling, Limon, and Goodland 1 x 2 degree quadrangles, Nebraska, Colorado, and Kansas.- topographic map of the Wauneta 7.5' quadrangle with geologic annotations.- one copy of the McCook 1 x 2 degree quadrangle with geologic annotations.- mylar reproduction of the McCook 1 x 2 degree quadrangle with mylar overlay showing control data.- mylar overlay with geologic annotations for the McCook-Grand Island 1 x 2 degree quadrangles.- reproduction of part of the McCook 1 x 2 degree quadrangle labeled "Chase Center pivots".- three overlays with geology and control points for the Grand Island 1 x 2 degree quadrangle.- two paper maps of the Grand Island 1 x 2 degree quadrangle, with colored-in geologic annotations.
MA-01031	<p>Map folder with 44 items:</p> <ul style="list-style-type: none">- 10 paper overlays with geology for parts of the Lincoln, Nebraska 1 x 2 degree quadrangle.- mylar overlay showing geology for the Lincoln 1 x 2 degree quadrangle.- map of the Lincoln 1 x 2 degree quadrangle with geologic annotations in western half of the sheet.- copy of the Lincoln 1 x 2 degree quadrangle with geology corrections.- copy of the Lincoln 1 x 2 degree quadrangle with hand-colored bedrock geology showing thickness of overlying Quaternary deposits.- two copies of the Lincoln 1 x 2 degree quadrangle with geologic annotations.- hand-colored copy of the Lincoln 1 x 2 degree quadrangle showing thickness of overburden and locations of outcrops.- overlay quadrangle showing control points and geology for the western edge of the Nebraska City 1 x 2 degree quadrangle.- copy of the Nebraska City 1 x 2 degree quadrangle with hand-colored bedrock

- geology showing thickness of overlying Quaternary deposits.
- three paper overlays with geologic annotations for parts of the southern Fremont 1 x 2 degree quadrangle.
- copy of the Fremont 1 x 2 degree quadrangle showing control points.
- two copies of the Fremont 1 x 2 degree quadrangle and the western edge of the Omaha 1 x 2 degree quadrangle, with hand-drawn geologic annotations.
- copy of the Fremont 1 x 2 degree quadrangle and part of the Omaha 1 x 2 degree quadrangle showing locations of pits and quarries.
- two hand-colored quadrangles of the Fremont 1 x 2 degree quadrangle and part of the Omaha 1 x 2 degree quadrangle with isopach overlays.
- copy of the Sioux City 1 x 2 degree quadrangle showing control points and added geology.
- overlay showing outcropping bedrock in the Sioux City, Iowa 1 x 2 degree quadrangle.
- two copies, each, of the Center West, Bon Homme Colony, Sparta, Santee, Springfield, Lindy, and Howe Creek 7.5' quadrangles, Nebraska and South Dakota, with geologic annotations.

MA-01032

Map folder with 26 items:

- map showing configuration of base of principal aquifer, Middle Republican Natural Resources District, Nebraska.
- correlation chart showing stratigraphic position of producing formations, northwestern to southeastern Nebraska.
- map showing Nebraska drill holes with geologic key.
- map showing location of irrigation wells in Dundy County, Nebraska.
- map showing deep well locations, Dundy County, Nebraska.
- map showing deep well locations, Hitchcock County, Nebraska.
- five paper maps of deep wells in southeast, south-central, northeast, north-central, and central Nebraska.
- map showing pre-Mesozoic contours in Nebraska.
- map showing isopachs of Permian rocks in Nebraska.
- map showing contours at the base of the Pennsylvanian in Nebraska.
- map showing isopachs of Mississippian rocks in Nebraska.
- map showing isopachs of Upper Ordovician through Mississippian rocks in central Nebraska.
- isopach map, Pre-Carlile Cretaceous, central Nebraska basin.
- isopach map, pre-Douglas Pennsylvanian, central Nebraska basin.
- isopach map, pre-Pennsylvania, post-Arbuckle interval, and pre-Pennsylvanian geologic map, central Nebraska basin.
- structure contour map, top of Simpson Shale-Upper Ordovician, central Nebraska basin.
- structure contour map, pre-Pennsylvanian surface, central Nebraska basin.
- structure contour map, base of Kansas City-Pennsylvanian in the central Nebraska basin.
- structure contour map of Greenhorn limestone-Cretaceous in the central Nebraska basin.

- bedrock geology map and block diagram of Nebraska.
- generalized structure contour map, top of Precambrian-relation to sea level.
- map showing total Pennsylvanian and Permian thicknesses in Nebraska.

MA-01033 Map folder with 266 items:

- 62 strip well logs, indexed T. 1-34 N., covering the following counties in Nebraska: Arthur, Banner, Box Butte, Chase, Cheyenne, Dawes, Deuel, Garden, Keith, Kimball, Morrill, Nemaha, Perkins, Scotts Bluff, and Sheridan.
- 65 strip well logs, indexes T. 1-35 N. covering the following counties in Nebraska: Adams, Antelope, Banner, Buffalo, Chase, Dawes, Dawson, Fillmore, Franklin, Frontier, Furnas, Grant, Harlan, Hitchcock, Howard, Keith, Knox, Lincoln, Merrick, Phelps, Polk, Red Willow, Rock, Scotts Bluff, Sheridan, Sherman, Sioux, Valley, and Webster:
- 37 strip well logs, unindexed, covering T. 2-3, 5, 7-8, 10, 12, 14-16, 18, 21, 24-34 N., in the following Nebraska counties: Banner, Box Butte, Chase, Cherry, Cheyenne, Dawes, Deuel, Dundy, Frontier, Garden, Grant, Keith, Lincoln, Morrill, Perkins, Sioux, and Sheridan.
- 47 hand-colored well logs, unindexed, covering T. 7 S. for Fall River County, South Dakota, and T. 2-8, 10, 12-18, 21, 23-34 N. in the following Nebraska counties: Banner, Box Butte, Chase, Cherry, Cheyenne, Dawes, Deuel, Dundy, Frontier, Garden, Grant, Hayes, Hitchcock, Keith, Kimball, Lincoln, Morrill, Perkins, Sheridan, and Sioux.
- 55 hand-colored logs, unindexed, covering T. 1-8, 10, 12-16, 18, 21, 23-34 N., in the following Nebraska counties: Banner, Box Butte, Chase, Cherry, Cheyenne, Cuming, Custer, Dawes, Dawson, Deuel, Douglas, Dundy, Fillmore, Franklin, Frontier, Garden, Grant, Hayes, Hitchcock, Keith, Kimball, Lincoln, Morrill, Perkins, Sheridan, and Sioux.

MA-01034 Map folder with 37 items:

- six strip well logs, hand-colored, for Carbon County, Wyoming, T. 12-14 N.
- seven hand-colored well log strips for Weston, Crook, and Niobrara Counties, Wyoming, T. 33-36, 45-46, 51 N.
- six strip well logs, Yuma and Washington Counties, Colorado, T. 1-2, 4 N.
- two strip well logs, Dallam County, Texas, Block 18, sec. 13.
- trainee log for town of Marshal water well, Searcy County, Arkansas.
- 15 strip well logs, Cheyenne, Rawlins, and Decatur Counties, Kansas.

RM-00021 Rolled map showing crude oil pipelines and oil and gas fields in the Denver-Julesburg basin, Colorado, with annotations.

Published as: U.S. Geological Survey. Oil and gas investigations map OM-198. 1958.

Published as: U.S. Geological Survey. Miscellaneous geologic investigations map I-729. 1972.

Published as: U.S. Geological Survey. Miscellaneous geologic investigations map I-819. 1973.

Published as: U.S. Geological Survey. Miscellaneous geologic investigations map I-905. 1975.

Published as: U.S. Geological Survey. Professional paper 853-G. 1975.

COAL RESOURCES AND CENOZOIC GEOLOGY OF THE GIRARD COAL FIELD, RICHLAND COUNTY, MONTANA. 1950-1966.

- NO-06580 Expandable envelope with correspondence regarding fossil identification, and a 41-page report on Paleocene mollusks from the Glendive, Montana area by Dwight W. Taylor. 1966.
- NO-10963 Expandable envelope with 17 groups of coal reserve calculation worksheets for the Girard Coal Field, Montana.
- NO-10964 Box with three groups of large-format coal reserve calculation worksheets for the Girard Coal Field, Montana.
- MA-01025 Map folder with six items:
- map of the north half of the Girard Coal Field, showing unidentified sites (possibly coal sample collection or drill hole sites).
 - paper base map for the south half of the Girard Coal Field.
 - mylar overlay showing structure and coal beds in the north half of the Girard Coal Field.
 - mylar overlay showing geology in the north half of the Girard Coal Field.
 - geologic map of North Dakota southwest of the Missouri River.
 - general highway and transportation map of Richland County, Montana.
- MA-02858 Map folder with nine items:
- map and chart entitled "F-Bed Data in the Northern Part of the Girard Coal Field, Richland County, Montana".
 - three copies of a geologic map of the south half of the Girard Coal Field, with geologic annotations.
 - five copies of a geologic map of the north half of the Girard Coal Field, with geologic annotations.

Published as: U.S. Geological Survey. Coal investigations map C-24. 1955.

Published as: U.S. Geological Survey. Bulletin 1310. 1975.

GEOLOGY OF THE JACKSON 7.5' QUADRANGLE, BREATHITT COUNTY, KENTUCKY. 1961.

- NO-04557 G.E. Prichard. Field notebook with geologic, stratigraphic section, and survey notes (stations 1-74) for the Jackson 7.5' quadrangle. 1961.

Published as: U.S. Geological Survey. Geologic quadrangle map GQ-205. 1963.