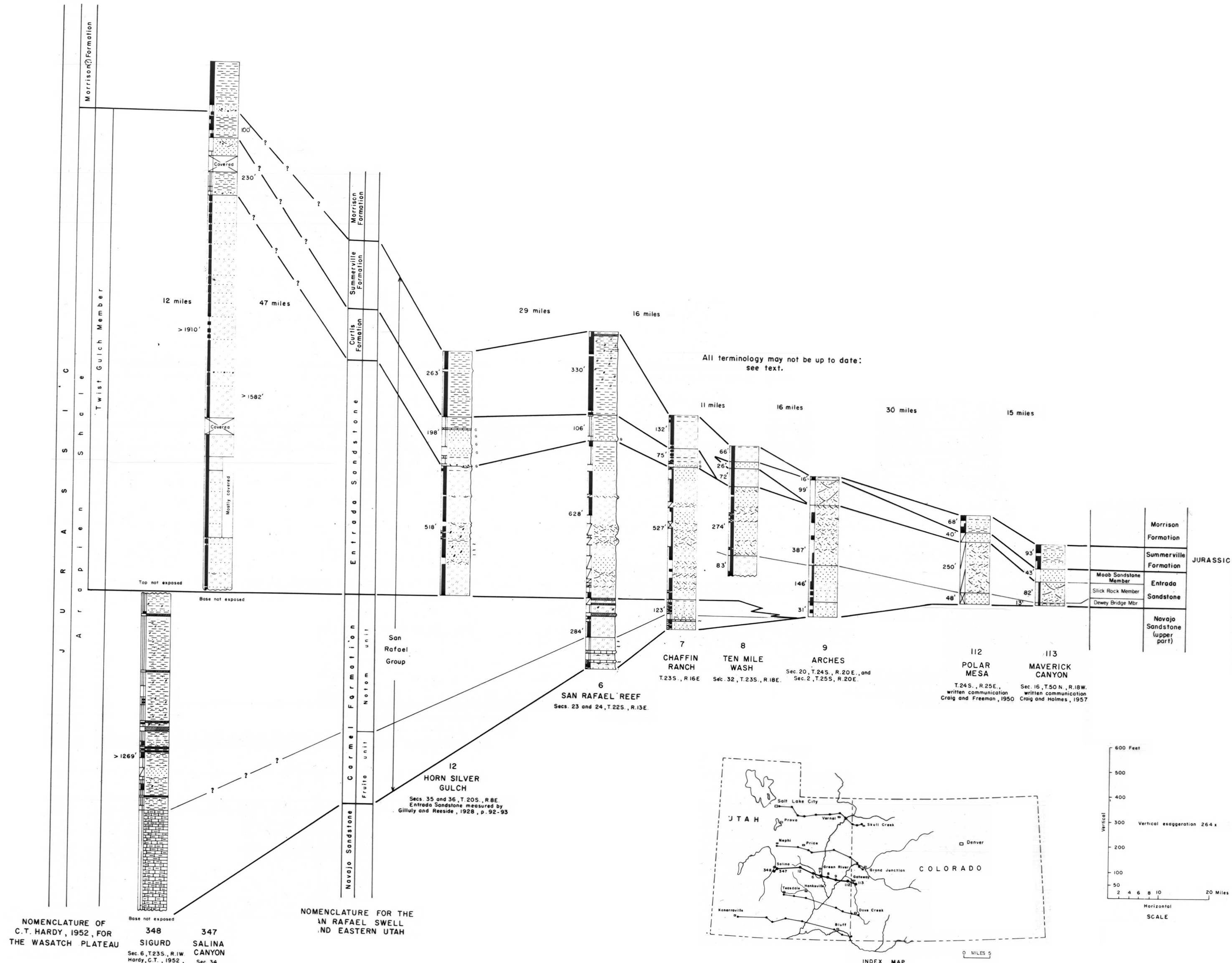


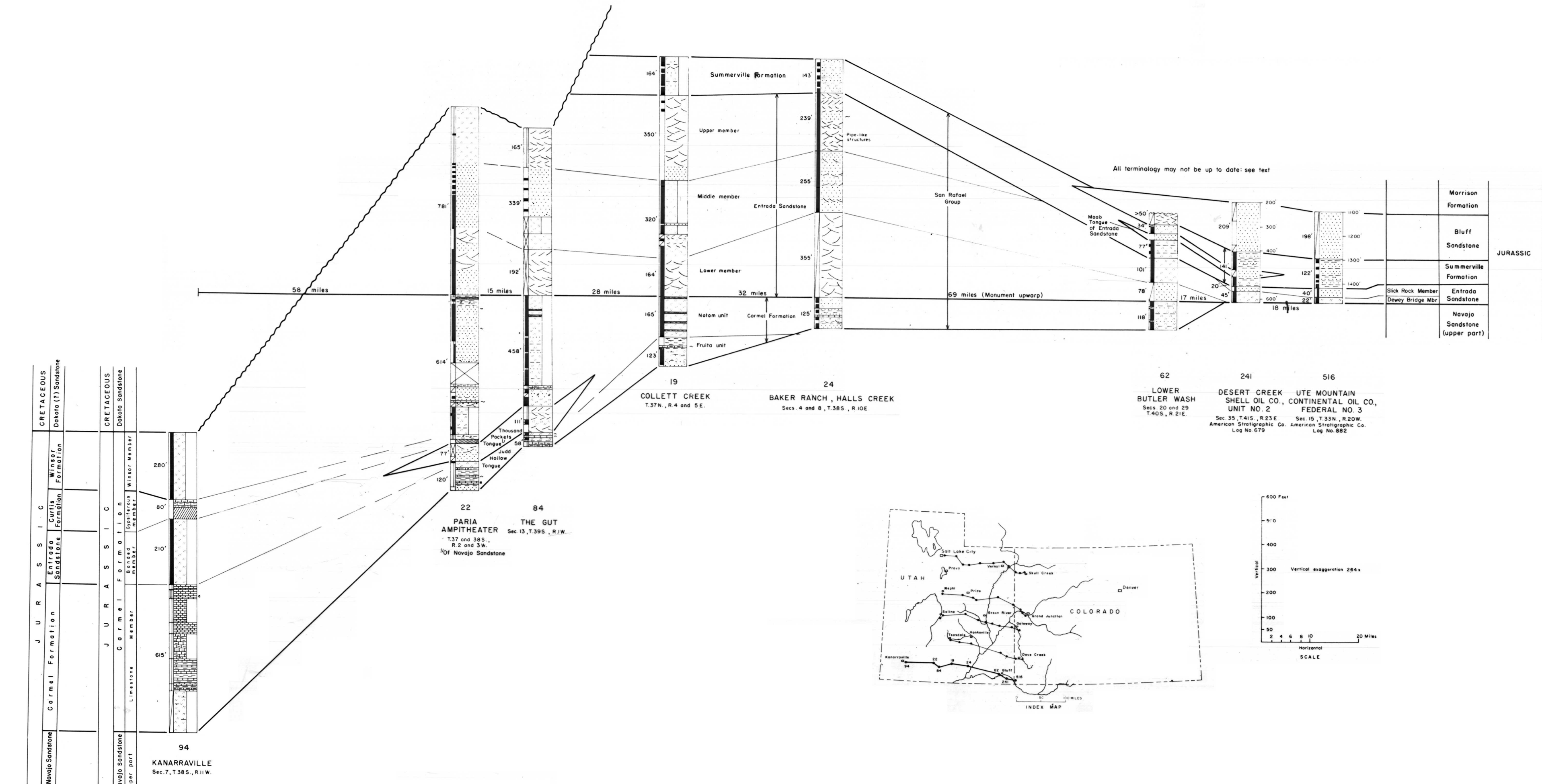
THE SAN RAFAEL GROUP BETWEEN TEASDALE, UTAH, AND DOVE CREEK, COLORADO

Prepared by
J. C. Wright and D. D. Dickey
1958



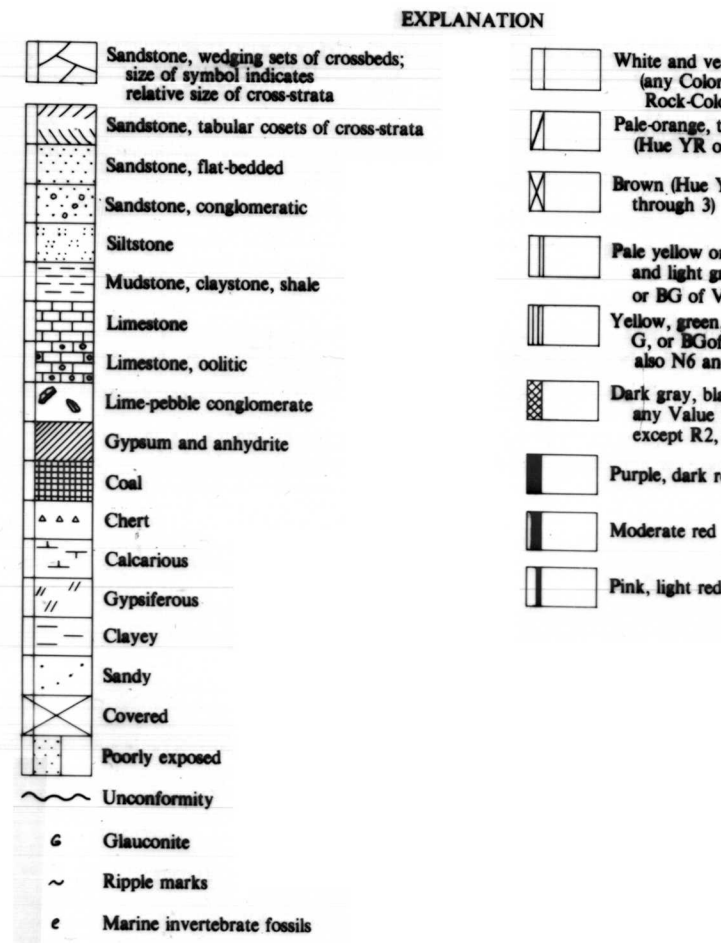
SAN RAFAEL GROUP AND RELATED ROCKS BETWEEN SALINA, UTAH, AND GATEWAY, COLORADO

Prepared by
J. C. Wright and D. D. Dickey
1958



THE SAN RAFAEL GROUP BETWEEN KANARRVILLE, UTAH, AND FOUR CORNERS

Prepared by
J. C. Wright and D. D. Dickey in 1958



The graphic sections presented here were all compiled prior to 1960 and are based on field work from 1956 to 1958 and upon other cited work. Stratigraphic columns referenced only by name and number refer to the written measured sections soon to be released as U.S. Geological Survey Open-File Reports.

The report has been delayed because of other commitments of the authors and the untimely death of J. C. Wright. The sections are being released at this time because of the renewed interest in the economic potential of Jurassic rocks. No attempt was made to update the cross sections and some informal names used are preliminary field terminology. The formal nomenclature and correlation of Jurassic rocks has been subjected recently to considerable revision. The interested reader is referred to reports by Peterson and Pipiringos (in press), Pipiringos and O'Sullivan (in press), and O'Sullivan (1978).

The cross sections shown here have appeared previously (Wright and Dickey, 1963) but in a very generalized version.

References

Bissell, H. J., 1952, Stratigraphy and structure of northeast Strawberry Valley quadrangle, Utah: American Association of Petroleum Geologists Bulletin, v. 36, no. 4, p. 575-634.

Bradley, W. A., 1955, Jurassic and pre-Mancos Cretaceous stratigraphy of the eastern Uinta Mountains, Utah-Colorado, in Intermountain Association of Petroleum Geologists Guidebook, 8th Annual Field Conference, northwest Colorado, 1955: p. 21-26.

Cashion, W. B., 1966, Carmel Formation of the Zion Park region, southwestern Utah—a review: U.S. Geological Survey Bulletin 1244-J, 9 p.

Gilluly, James, and Reeside, J. B., Jr., 1928, Sedimentary rocks of the San Rafael Swell and some adjacent areas in eastern Utah: U.S. Geological Survey Professional Paper 150-D, p. 61-110.

Granger, A. E., 1953, Stratigraphy of the Wasatch Range near Salt Lake City, Utah: U.S. Geological Survey Circular 196, 14 p.

Gregory, H. E., 1958a, Geology and geography of the Zion Park region, Utah and Arizona: U.S. Geological Survey Professional Paper 220, 200 p. (1952).

—, 1958b, Geology of eastern Iron County, Utah: Utah Geological and Mineralogical Survey Bulletin 37, 153 p.

—, 1951, The geology and geography of the Paunsaugunt region, Utah: U.S. Geological Survey Professional Paper 226, 116 p.

Gregory, H. E., and Williams, N. C., 1947, Zion National Monument, Utah: Geological Society of America Bulletin, v. 58, p. 211-244.

Hardy, C. T., 1952, Eastern Sevier Valley, Sevier and Sanpete Counties, Utah: Utah Geological and Mineralogical Survey Bulletin 43, 98 p.

Huddle, J. W., Napel, W. J., and McGinn, F. T., 1951, Geology of the Moon Lake area, Duchesne County, Utah: U.S. Geological Survey Oil and Gas Investigations OM-115.

Hunt, C. B., Averitt, Paul, and Miller, R. L., 1953, Geology and geography of the Henry Mountains region, Utah: U.S. Geological Survey Professional Paper 228, 234 p.

Kinney, D. M., 1955, Geology of the Uinta River-Brush Creek area, Duchesne and Uintah Counties, Utah: U.S. Geological Survey Bulletin 1007, 185 p.

McBurgald, W. D., 1955, Wagon drilling in the Skull Creek area, Moffat County, Colorado: U.S. Atomic Energy Commission Report RME-80, pt. 1, 15 p.

O'Sullivan, R. B., 1978, Stratigraphic sections of Middle Jurassic San Rafael Group from Lohai Point, Arizona, to Bluff, Utah: U.S. Geological Survey Oil and Gas Investigations Chart OC-77.

Peterson, Fred, and Pipiringos, G. N., 1972, Stratigraphic relation of the Navajo Sandstone to Middle Jurassic Formations, southern Utah and northern Arizona: U.S. Geological Survey Professional Paper 1035-B (in press).

Pipiringos, G. N., and O'Sullivan, R. B., 1972, Principal unconformities in Triassic and Jurassic rocks, Western Interior United States—a preliminary survey: U.S. Geological Survey Professional Paper 1035-A (in press).

Stokes, M. L., 1946, Morrison Formation and related deposits in and adjacent to the Colorado Plateau: Geological Society of America Bulletin, v. 55, p. 951-992.

—, 1957, Jurassic System of the southern flank of the Uinta Mountains [Utah], in Intermountain Association of Petroleum Geologists Guidebook, 8th Annual Field Conference, Geology of the Uinta Basin, 1957: p. 92-96.

Thomas, H. D., and Krueger, M. L., 1946, Late Paleozoic and early Mesozoic stratigraphy of Uinta Mountains, Utah: American Association of Petroleum Geologists Bulletin, v. 30, no. 8, p. 1235-1293.

Wright, J. C., and Dickey, D. D., 1963, Block diagram of the San Rafael Group and underlying strata in Utah and part of Colorado: U.S. Geological Survey Oil and Gas Investigations Chart OC-63.

EAST-WEST CROSS SECTIONS OF THE JURASSIC AGE SAN RAFAEL GROUP ROCKS FROM WESTERN COLORADO TO CENTRAL AND WESTERN UTAH

By
J. C. Wright and D. D. Dickey
1978