UNITED STATES DEPARTMENT OF THE INTERIOR

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Four Maps Showing Lithologic Distributions of Selected Parts of the Jurassic San Rafael Group and Related Units, Utah, Colorado, Arizona, and New Mexico

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This report is preliminary and has not been edited or reviewed for conformity with U.S. Geological Survey standards.
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These four maps were compiled prior to 1960. The author's work was interrupted by assignments to other projects and publication was further delayed by his untimely death in 1968. They are being released at this time because of the renewed interest in the uranium potential of Jurassic age rocks.

The maps are based largely on work done by J. C. Wright and D. D. Dickey between 1956 and 1958. Numerous sources of information were used such as drill holes, measured sections, and literature. These maps are one product of the studies of Jurassic rocks by Wright and Dickey. Other reports previously published include the following:


____1963b, 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.

The San Rafael Group consists of the following units, listed in their relative positions, youngest at top:

Bluff Sandstone, Junction Creek Sandstone, Wanakah Formation

Summerville Formation

Curtis Formation, Todilto Limestone

Entrada Sandstone

Carmel Formation
Figure 1.--MAP SHOWING THE CARMEL FORMATION IN PARTS OF UTAH, COLORADO, ARIZONA, AND NEW MEXICO
Drawn by J. C. Wright in 1959.
Fig. 2.--Map showing the Entrada Sandstone in parts of Utah, Colorado, Arizona, and New Mexico.

Drawn by J. C. Wright in 1959.
Figure 3.--MAP SHOWING DEPOSITS AT OR UNDER THE BASE OF THE CURTIS AND SUMMERVILLE FORMATIONS AND RELATED UNITS IN PARTS OF UTAH, COLORADO, ARIZONA, AND NEW MEXICO

Drawn by J. C. Wright in 1959.
Figure 4.—MAP SHOWING DOMINANT LITHOLOGY OF THE CURTIS AND SUMMERVILLE FORMATIONS AND RELATED UNITS IN PARTS OF UTAH, COLORADO, ARIZONA, AND NEW MEXICO

Drawn by J. C. Wright in 1959.