

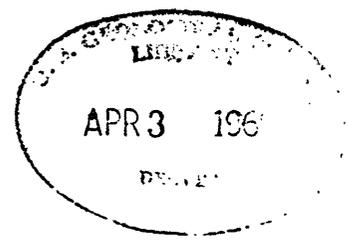
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UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Maps showing locations of holes drilled in 1951 to 1953
by U.S. Geological Survey, Spring Creek Mesa
and San Miguel bench areas, Uravan district,
Montrose County, Colorado

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Open-file Report

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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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to 1953 by U.S. Geological Survey, Spring Creek
Mesa and San Miguel bench areas, Uravan district,
Montrose County, Colorado

Between July 11, 1951, and August 14, 1953, the U.S. Geological Survey drilled 280 holes totaling 180,287 feet in the Spring Creek Mesa area, and 309 holes totaling 92,116 feet on the San Miguel bench, to explore for uranium- and vanadium-bearing deposits. Nearly all of the deposits occur in a single continuous sandstone bed near the top of the Salt Wash Member of the Jurassic Morrison Formation. Holes were drilled with plug bit down to about the top of the Salt Wash Member and completed to their final depth by coring with diamond drill. The work was done on behalf of the Division of Raw Materials of the U.S. Atomic Energy Commission.

The accompanying maps of the areas explored are an index map (fig. 1) and four others showing locations of drill holes (figs. 2, 3, 4, and 5). Logs of 254 holes identified on the accompanying maps may be inspected at the U.S. Geological Survey Library, Building 25, Federal Center, Denver, Colo. 80225, and at the U.S. Atomic Energy Commission Office, Grand Junction, Colo. 81501. Logs of holes on land withdrawn for use of the Atomic Energy Commission are on open file at the Commission's Grand Junction Office.

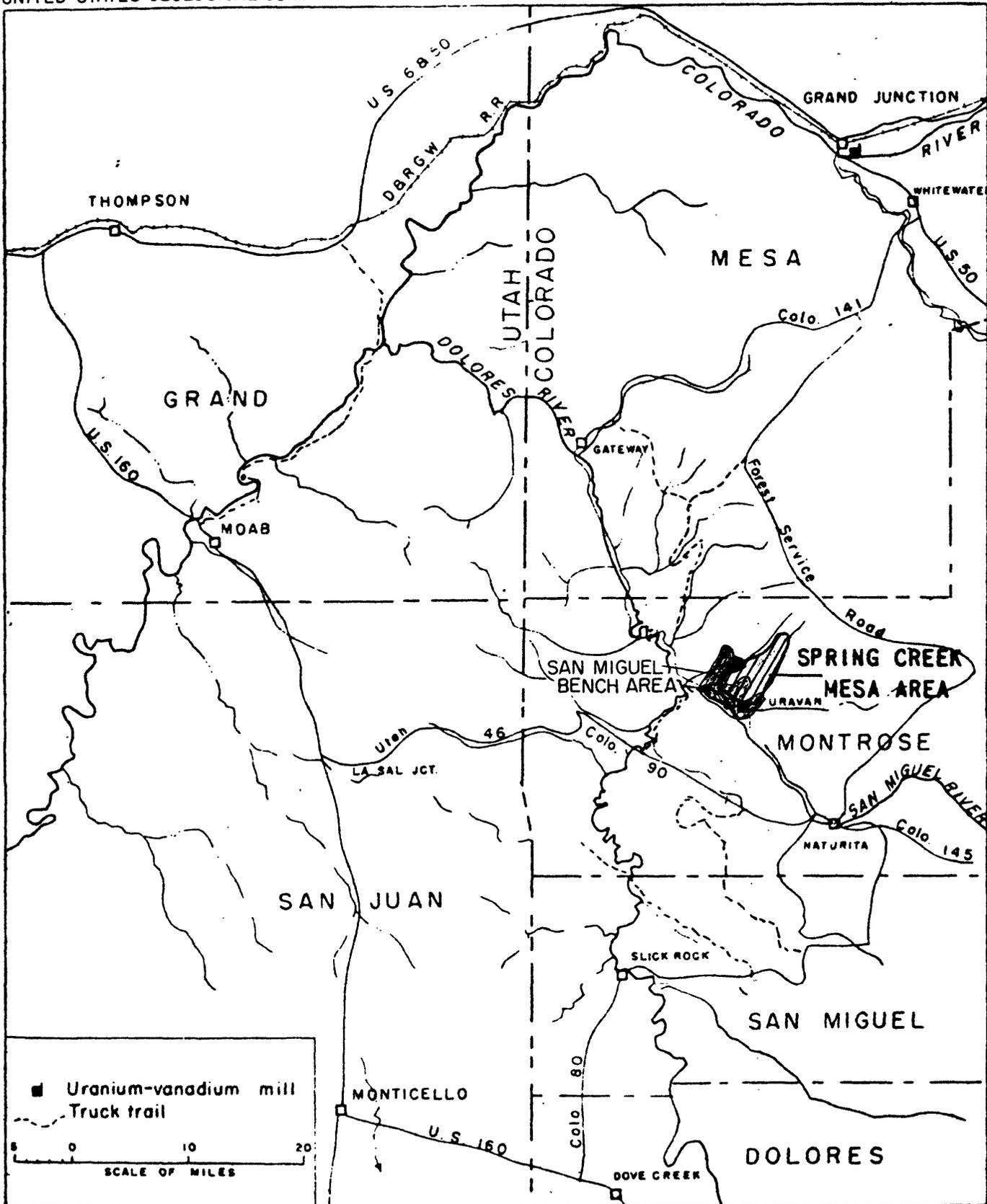


FIGURE 1.--INDEX MAP SHOWING THE LOCATION OF THE SPRING CREEK MESA
AND SAN MIGUEL BENCH AREAS, MONTROSE COUNTY, COLORADO

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