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WATER - RESOURCES BULLETIN 8
1966

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UTAH GEOLOGICAL AND MINERALOGICAL SURVEY
affiliated with
THE COLLEGE OF MINES AND MINERAL INDUSTRIES
University of Utah, Salt Lake City, Utah

SECOND RECONNAISSANCE

OF WATER RESOURCES

IN WESTERN KANE COUNTY,

UTAH



Published by
Utah Water and Power Board, and
Utah Geological and Mineralogical Survey
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UTAH GEOLOGICAL AND MINERALOGICAL SURVEY

Directors:

William P. Hewitt, 1961-
Arthur L. Crawford, 1949-1961

THE UTAH GEOLOGICAL AND MINERALOGICAL SURVEY since 1949 has been affiliated with the College of Mines and Mineral Industries at the University of Utah. It operates under a director with the advice and counsel of an Advisory Board appointed by the Board of Regents of the University of Utah from organizations and categories specified by law.

The survey is enjoined to cooperate with all existing agencies to the end that the geological and mineralogical resources of the state may be most advantageously investigated and publicized for the good of the state. The "Utah Code, Annotated," 1953 Replacement Volume 5, Chapter 36, 53-36-2, describes the Survey's functions.

Official maps, bulletins, and circulars about Utah's resources are published. (Write to the Utah Geological and Mineralogical Survey for the latest list of publications available).

THE LIBRARY OF SAMPLES FOR GEOLOGIC RESEARCH. A modern library for stratigraphic sections, drill cores, well cuttings, and miscellaneous samples of geologic significance has been established by the Survey at the University of Utah. It was initiated by the Utah Geological and Mineralogical Survey in cooperation with the Departments of Geology of the universities in the state, the Utah Geological Society, and the Intermountain Association of Petroleum Geologists. This library was made possible in 1951 by a grant from the University of Utah Research Fund and by the donation of collections from various oil companies operating in Utah.

The objective is to collect, catalog, and systematically file geologically significant specimens for library reference, comparison, and research, particularly cuttings from all important wells driven in Utah, and from strategic wells in adjacent states, the formations, faunas, and structures of which have a direct bearing on the possibility of finding oil, gas, salines or other economically or geologically significant deposits in this state. For catalogs, facilities, hours, and service fees, contact the office of the Utah Geological and Mineralogical Survey.

THE SURVEY'S BASIC PHILOSOPHY is that of the U.S. Geological Survey, i.e., our employees shall have no interest in Utah lands. For permanent employees this restriction is lifted after a 2-year absence; for consultants employed on special problems, there is a similar time period which can be modified only after publication of the data or after the data have been acted upon. For consultants, there are no restrictions beyond the field of the problem, except where they are working on a broad area of the state and, here, as for all employees, we rely on their inherent integrity.

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WATER - RESOURCES BULLETIN 8
SECOND RECONNAISSANCE
OF WATER RESOURCES
IN WESTERN KANE COUNTY, UTAH

by Harry D. Goode
Department of Geology
University of Utah



Well flowing about 350 gallons per minute, mouth of Johnson Canyon. James Carley and Dwain Haacke of U. S. Department of Agriculture are observing flow. (Reference No. 108 on figure 2 and table 3.)

The field work for this study supported by
the Uniform School Fund of the University of Utah

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UTAH GEOLOGICAL AND MINERALOGICAL SURVEY

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