UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
WASHINGTON 25, D. C.

January 10, 1963

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DEPARTMENT OF THE INTERIOR
JAN 15 1963
REGION III
DENVER, COLORADO

Memorandum

To: Mails and Records Branch

From: W. R. Griswold, Chief
Division of Minerals

Subject: OME-6266 (Uranium)
Edward R. Osterndorff
Sec. 32, T. 42 S., R. 14 E., S.L.B.M.
San Juan County, Utah

The Applicant has not replied to Mr. Connors' letter of November 19, 1962. Accordingly, the subject docket is referred to the inactive file and considered as withdrawn.

W. R. Griswold
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W. R. Griswold

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cc: Director's Reading File
Region III (2)
Docket
Code 500

Building 20 - Federal Center
Denver 25, Colorado

September 14, 1962

Memorandum

To: Hugh M. Connors, Acting Field Officer, OME, Region III

From: T. M. Romelo, Mining Engineer

Subject: Application OME-6266 (Uranium)
E. H. Osterndorff
Sec. 32, T. 42 S., R. 14 E. S.L.B.M.
San Juan County, Utah
REPORT OF EXAMINATION

to WO 9-14-62

The Applicant proposed to explore for uranium in the northwest quarter of the subject section, a State school section, that he reported is underlain by the favorable Shinarump and Moenkopi formations. Radiometric readings obtained by aerial flights and surface examinations had reportedly found the area anomalous, and leached surface samples containing 0.20 percent $U_3O_8$ had reportedly been found in the area. He proposed to explore the area by drilling 10,000 feet in holes ranging in depth from 10 feet to 160 feet. Total cost of the proposed work was an estimated $15,230.00. To cover the Government's contribution to the cost of work, a Performance Bond would be offered in lieu of a Lien or Subordination Agreement.

The property was examined in the presence of the Applicant, Dr. William Rogers, and Mr. George Mason, August 29, 1962. Dr. Rogers, the Applicant's adviser, reportedly is a Ph. D, a Baptist minister, and a part owner of producing uranium properties in the Monument Valley area of Arizona. Mr. Mason, reportedly is a real estate broker, Long Beach, California, who is interested in financing part of the proposed exploration. I had met these men the evening of August 28th at Blanding, Utah, a town on State Highway No. 47. The trip to the property was planned, and the geology of the property was discussed. Reference was made to U.S.G.S. Bull. 1087-D, Geology and Uranium Deposits of Monument Valley, San Juan County, Utah, a bulletin new to them.

The Applicant's property may be reached from Blanding, by traveling southwesterly 60 miles on the State highway, and thence westerly 7.8 miles on an unimproved road to Oljeto, an Indian Trading Post. Proceed northwesterly 10.4 miles on the unimproved road to the northwest corner of the property. (figs. 1 and 2)

There are no buildings, equipment, or mine workings on the property.

The Applicant furnished the following information relative to the history of the property. Dr. Rodgers furnished him information obtained from several persons during early 1961, indicating that the northwest corner of the property was found radioactively anomalous during aerial flights made in 1958. The property was acquired from the State of Utah by a lease agreement dated July 1, 1961. It was sub-leased to the Shamrock Mining Co. in November 1961, and was repossessed by the Applicant in June 1962. The company reported that, during early 1962, leached uranium bearing rock assaying 0.20 percent $U_3O_8$ was found in the anomalous area.

The field investigations revealed that the reportedly anomalous area of the proposed exploration is not held by the Applicant. The area is in the southwest corner of Section 29, which adjoins the Applicant's property on the north. Section 29 is reportedly within the Navajo Indian Reservation. The Applicant had located Section 32 from the common-corner marker of Sections 29, 30, 31, and 32, but apparently did not realize the marker had been oriented 90 degrees counter-clockwise from it's true position.

The Cutler formation of Permian age crops out in the reportedly anomalous area, and, extends over much of the Monument Valley area. The outcrops consist of red to brown silty sandstone and shale which appear to be basal rocks of the Hoskinnini tongue member, and an underlying massive sandstone which appears to belong to the Cedar Mesa member. An outcrop of shale from which the leached uranium bearing material was reportedly obtained, was tested with a Geiger Counter and a Scintillometer. No abnormal radioactivity was found in the shale or in nearby outcrops of sandstone and shale. Background readings obtained in the area with the Scintillometer fluctuated within a few minutes from normal to several times normal. No explanation is offered for this abnormal condition.

The Applicant realized I had found no evidence that would justify Governmental aid in exploration for uranium in the area examined. However, he apparently believes that such evidence can be developed. In a letter dated August 31, he requested that the application be held in suspense until the evidence can be obtained by drilling a few exploratory holes. He was informed by letter dated September 4, that the application will be kept active until October 31, 1962.

Original signed by
T. M. Romslo

TMR/lm
cc Chief, Division of Field Operations, OME
OME-6266
Chron

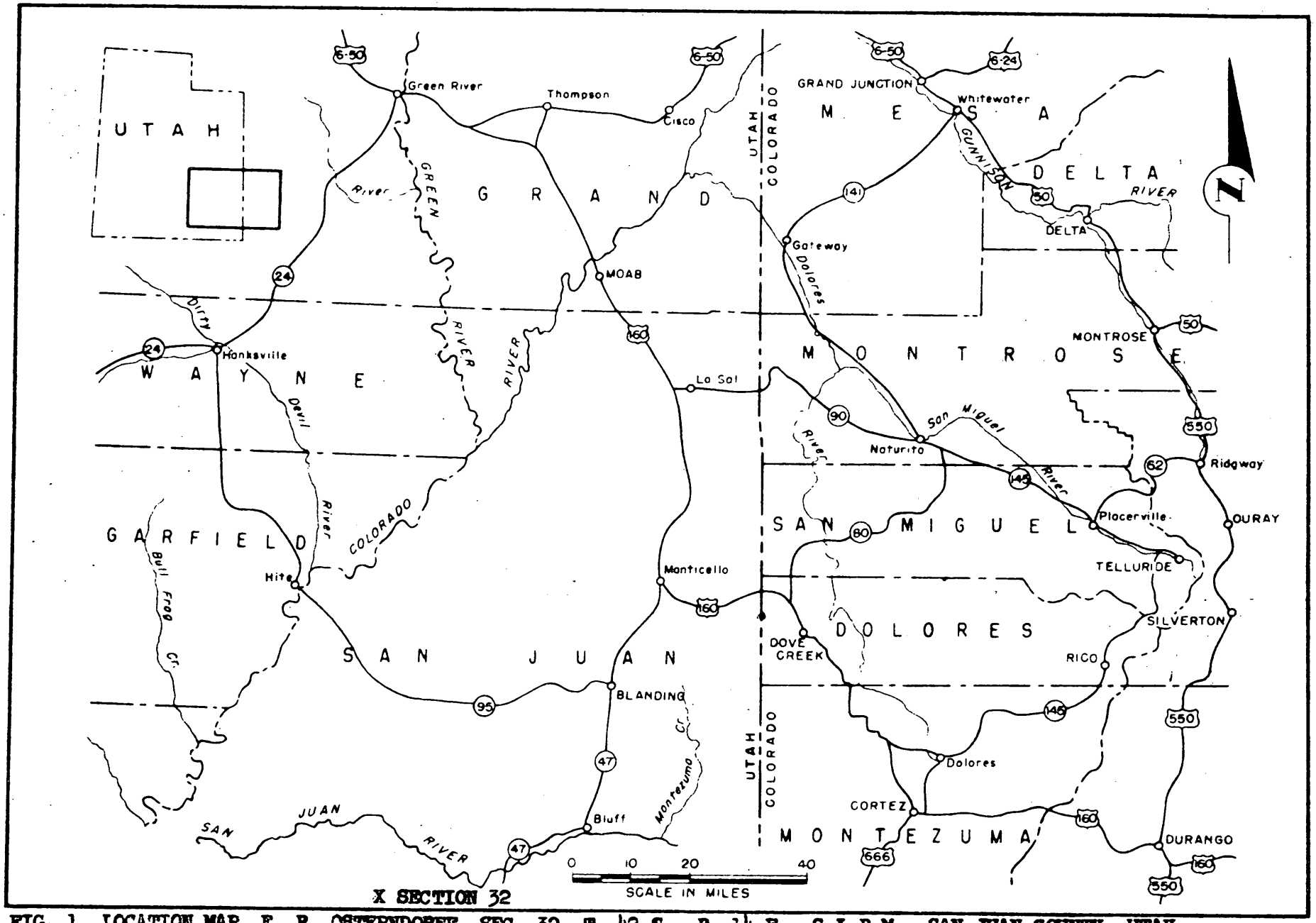
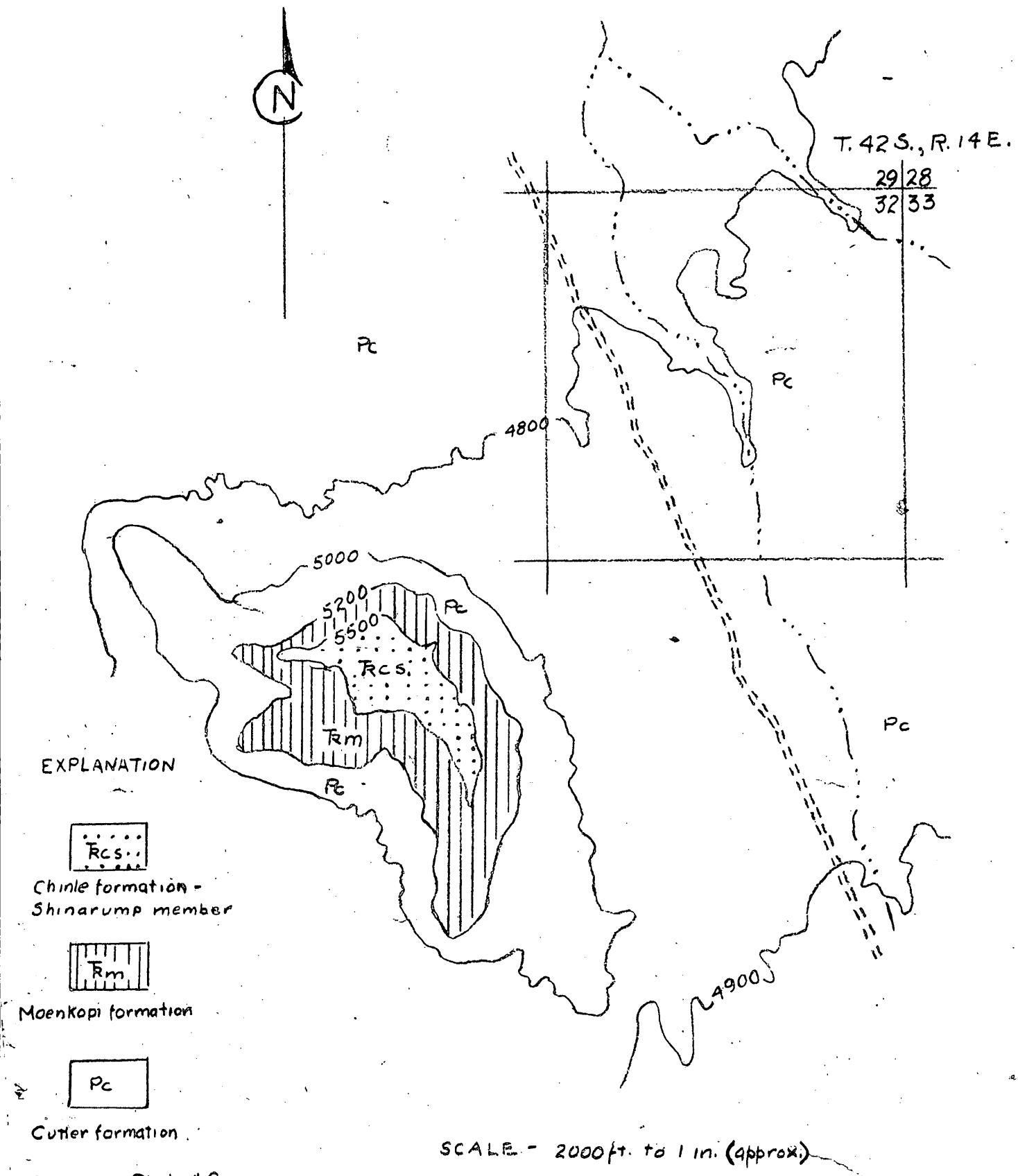



FIG. 1, LOCATION MAP, E. R. OSTERNDORFF, SEC. 32, T. 42 S., R. 14 E., S.L.B.M., SAN JUAN COUNTY, UTAH
OME-6266 (Uranium)




OME-6266 (URANIUM)

FIG. 2 - GEOLOGICAL MAP, E.R. OSTERNDORFF, SAN JUAN COUNTY, UTAH