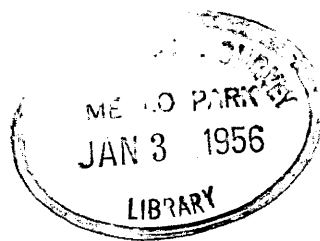


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no. 420

RED ROCK VALLEY NE, PRELIMINARY GEOLOGIC MAP
OF PART OF THE CARRIZO MOUNTAINS AREA,
NORTHEASTERN ARIZONA AND NORTHWESTERN NEW MEXICO



Trace Elements Memorandum Report 420

UNITED STATES DEPARTMENT OF THE INTERIOR

✓
US GEOLOGICAL SURVEY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

JUN 30 1952

AEC - 999/2

Dr. Phillip L. Merritt, Assistant Director
Division of Raw Materials
U. S. Atomic Energy Commission
P. O. Box 30, Ansonia Station
New York 23, New York

Dear Phil:

Transmitted herewith for your information and distribution are six copies of Trace Elements Memorandum Report 420, "Red Rock Valley NE, preliminary geologic map of part of the Carrizo Mountains area, northeastern Arizona and northwestern New Mexico," by J. D. Strobell, Jr., June 1952. This map is the sixth of a series of 16 $7\frac{1}{2}'$ quadrangles of the Carrizo Mountains area that will be transmitted soon.

This map is transmitted in advance of publication, in order to assist Commission and Survey personnel in their search for uranium deposits in the area. It shows geology, roads, drainage, meridians and parallels, triangulation stations, and air-photo centers and wing points. It is in very preliminary form, partly incomplete, and not edited for publication.

We plan to publish this map, in a somewhat modified form, in the Survey's Oil and Gas Map Series. We are asking Mr. Hosted, by a copy of this letter, whether the Commission has any objection to this plan.

Sincerely yours,

O.E. McKelvey

for

W. H. Bradley
Chief Geologist