

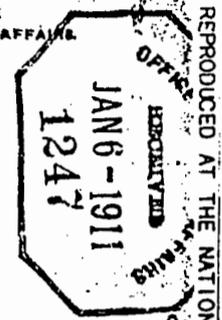
REFER IN REPLY TO THE FOLLOWING:

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ADDRESS ONLY THE
COMMISSIONER OF INDIAN AFFAIRS

W H C DEPARTMENT OF THE INTERIOR,
OFFICE OF INDIAN AFFAIRS.

Proposed
reservoir.

WASHINGTON. January 6, 1911.



The Commissioner
of Indian Affairs.

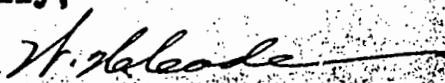
Sir:

I transmit herewith a report of Mr. H. T. Robinson, Superintendent of Irrigation, regarding investigations and surveys which were made with a view of ascertaining the feasibility of constructing a small dam in a canon known as Blue Canon in the vicinity of the Fort Defiance School, Navajo reservation. This investigation was evidently made at the request of Superintendent Paquette.

On reading Superintendent Robinson's report, I am convinced that this is not a feasible project. Mr. Robinson estimates that the reclamation cost for an area of 58 acres which could be served by this reservoir if created, would be \$104 per acre. He also estimates that the life of the reservoir might not exceed eight years, due to the large amount of silt which would be impounded by the dam across Blue Canon, and states that he could not recommend the construction of the reservoir without further investigation of the silt problem.

I recommend, therefore, that no further consideration be given this reservoir until Mr. Robinson has had opportunity to make volumetric measurements of the flood waters of Blue Canon in order to determine the average percentage of silt carried by the waters during such periods.

Respectfully,



Chief Engineer.

1-MMcC-6