

SUPERINTENDENT OF IRRIGATION.

Subject:
Seven Lakes
project.
Navajo Reservation.

DEPARTMENT OF THE INTERIOR,

UNITED STATES INDIAN SERVICE,

Blackrock, N. M., August 19, 1908.

Office Chief Eng'r.
RECEIVED

AUG 22 1908

U. S. Indian Service

Mr. W. H. Code, Chief Engineer,
522 Bumiller Building,
Los Angeles, Cal.

Dear Sir:

I am enclosing herewith a report from Mr. Hover regarding the reservoir and ditch project at what is called Seven Lakes, near Manning's Trading Store at Sheep Springs, east of Tohatchie, and on a part of the Navajo reservation where no work has been done.

His report, tho brief, covers the points very well.

We have here quite a considerable number of Indians who are already doing considerable cultivation and irrigation, and are reputed to be quite industrious and anxious to have additional water for their crops. There is a body of land of about 1500 acres, all adapted to irrigation and cultivation. On the mesa top are seven lakes, natural reservoirs, that fill up every year and overflow in the spring, and this overflow water is now used by the indians for their irrigation.

By connecting these lakes and providing gates between each not only the overflow can be used, but the storage capacity of the lakes.

Putting in the dam in the canyon with a gate at the bottom will make additional storage that can be drawn from as needed.

The total capacity of the lakes is estimated as 767 acre feet, and the reservoir will contain about 80 acre feet additional, or 847 acre feet. This in addition to the overflow in the spring should be sufficient to irrigate considerable land, and materially increase the income of the indians of that section.

The elevation of the lands is about 5700 feet.

According to Mr. Hover's estimates of work and unit costs, this

REPRODUCED AT THE NATIONAL ARCHIVES

W. H. C., 7 Lakes, 2.

project can be built for less than \$1000.00.

The desirability of this work being done is recognized and the Superintendent and others urge its being done.

I believe that it will be of much more value to the Indians than either the Wheatfield or Red Lake projects will be, at a very small cost.

Please advise whether to do this work or not.

I have sent Mr. Hover to the Moki Reservation to investigate conditions and possibilities for any work there, and he will report soon. I had intended to make the trip with him, but have been obliged to postpone the trip to get other work out of the way.

Very respectfully,

N. J. Robinson,
Superintendent of Irrigation.

REPRODUCED AT THE NATIONAL ARCHIVES