

March 17, 1930

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Water etc.*

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UNITED STATES
DEPARTMENT OF THE INTERIOR

INDIAN FIELD SERVICE

Hotevilla, Arizona.

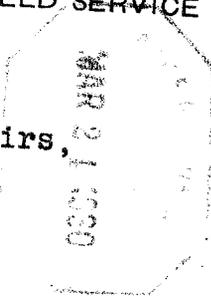
March 17, 1930.

Hon. Commissioner Of Indian Affairs,

Washington, D.C.

Thru. Supt. E.K. Miller,

Keams Canyon, Arizona.



My dear sir:

On account of the light rainfall and very little snow during the past ~~two~~ and one half years our water supply for the school has been getting lower and lower until we had to be very saving to get along.

The first of the past February I asked Supt. E.K. Miller for a few dollars for irregular labor to see if we could find some more water. Mr. Miller said he would be glad to allow us the money, so we went to work and made a cut in the ground and found some water. We then cut a ditch about two hundred feet long ranging in depth from five to twelve feet, through from two to eight feet of sand and balance through rock and adobe or clay. This ditch was cut to run water by gravity into a reservoir. Tile was put in bottom of ditch and covered up. Three days after this work was completed, on Feb. 12, I started measuring the flow of this new source of water. I thought I would do this some time to find out if this was a small pond or pocket of water and would soon be depleted. My first measure of flow was as stated on Feb. 12, and showed water was running at the rate of two gallons per minute or 2880 gallons per day. I have kept up these measurements and on March 14, it was still flowing at the same rate, 2880 gallons per day. This makes it look like it was of a permanent nature. This will give us plenty of water for all necessary purposes. I know of nothing that means any more to our school than to have an abundance of water.

I thought perhaps the Office would like to know of this so that is why I am making the report.

Yours very truly,

Sam B. Duvall
Principal in charge.

To the Commissioner: I requested Mr. Duvall to make such a report to show the Office that we are continually trying for additional water for all our plants and field units. We are getting more water each year.

E.K.M.