

March 11, 1929

5-1142

DEPARTMENT OF THE INTERIOR  
UNITED STATES INDIAN FIELD SERVICE

COPY FOR YOUR INFORMATION

Oraibi, Arizona  
March 11, 1929

Supt. E.K. Miller  
Keams Canon, Arizona

Dear Sir:

We have given the new pumping outfit a test and measurements at the reservoir prove that according to time spent and rate of water flow into the new reservoir we have a bigger supply of water from the new source than from the old. I think it is wonderful that the \$2000.00 would do this.

Four hours of pumping on March 8 placed 30,000 gallons of water in the pressure reservoir with the new outfit. Four hours of pumping with the steam outfit would hardly put 10,000 gallons in the reservoir and pump the well dry.

In the future the Indian helper will have more time to spend at the school due to the rapidity water can be pumped with the new outfit. The frequent pumping breaking into a day's work has always been a great handicap.

The new pump and new gas engine have not been permanently set. The delay was caused by extreme cold weather, hindering concrete work.

One additional windmill added to the new storage reservoir over a new well or even over the well under the pump house would assure more water than could be used at Oraibi for a long time to come.

The new reservoir seems to be a good one and shows no signs of seepage through the walls or floor. The concrete roof keeps the water very clean and cool. A concrete lid is to be made over the opening in the top.

Respectfully

*J. M. S.*  
Principal

RG 75, BIA, CCF

58556-1927-424 Filed by J. M. S.

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*Submitted to show we have used the funds to good advantage and save the water.*  
*E. K. Miller*

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*[Handwritten initials]*