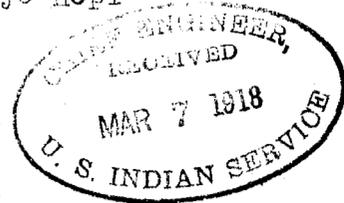


Navajo-Hopi

5-1140

DEPARTMENT OF THE INTERIOR
 UNITED STATES INDIAN IRRIGATION SERVICE
 SUPERINTENDENT OF IRRIGATION



March 2, 1918.

Mr. W. M. Reed,
 Chief Engineer, Indian Office,
 Washington, D. C.

My dear Mr. Reed:

I have your letter of February 19 regarding the well drilling data submitted to you recently. You mention a number of wells the data regarding which is incomplete.

All of these wells were among the very first ones drilled, and the drillers did not submit as complete information as was desired, and in fact until a date subsequent to the drilling of all of the wells mentioned we had no forms for recording this information, hence some of it was lost, but I will supply as much as I have been able to dig up.

Wells No. 1, 2, 3 and 4 are at Leupp and are the ones put down for the purpose of developing a flow for irrigation. After the wells had been put down some time a pumping plant was erected over these four wells by Mr. Schanck, and no details were ever furnished this office, hence you will have to secure it from Mr. Schanck's records or report.

Well No. 5. This well was put down at the school just outside of their old pumping plant, and the well was connected with their steam pump and used for their domestic water supply in connection with the old well. No other data at hand regarding the equipment. These five wells were put down between April 6 and June 23, 1910, but I am unable to give the date of commencing and finishing each well.

Well No. 4-M has been equipped with a windmill and tank, but the data is not sufficient to give you complete details, and will secure them from the field.

Well No. 5-M. I am unable to give the exact date that this well was commenced or finished, or in fact the dates of the commencing and finishing of any of the wells up to No. 7.

The well at Camp No. 9 should be well No. 9, and the well has been equipped with an 8 ft. windmill on a 30 ft.

Mr. W. M. Reed

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tower, and also a steel tank 6 x 7 ft. set on a stone foundation and fitted with wooden troughs. This is a good well and is located at the mouth of the Keams Canon.

Well No. 113 is the deep well near Tohatchi and has an artesian flow of 6500 gallons an hour. The only equipment left at the well is a galvanized corrugated iron house 8 ft. square.

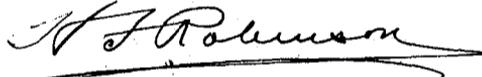
Wells 301 to 308 inclusive were drilled in and about the village of Zuni. All of these wells were equipped with a hand pump only.

No. 307 is marked "dry", which indicates that it went dry shortly after its completion, presumably on account of quicksand rising in the casing. This is also true of well 308.

Well No. 310 has one line under the head of "remarks" that does not belong there, it applying to well No. 309. The sentence reads, "This well is dry hole and was abandoned by Pickens." Please strike this sentence out and the record will then be correct.

Well No. 313 failed presumably because the water was encountered in a pocket which was soon exhausted. You will note that it states under the head of remarks, that the mill was taken down and the casing pulled in January 1915.

Yours very truly,


Superintendent of Irrigation.

HFR-P