

**Bureau of Indian Affairs  
Southwest Region  
Branch of Regional Water Rights Protection  
Albuquerque, NM**

# **Water Rights Files**

**(Southern Pueblos Agency)**

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## **Irrigation Service Records**

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**File Title:**

*H. J. Hagerman Correspondence, 1923-1930*

*June 18, 1977*

June 18, 1927

Hon. H. J. Hagerman,  
Pueblo Lands Board,  
Santa Fe, N.M.

My dear Governor:-

I have just been making a compilation of the work done on the Navajo and Hopi reservations in the way of water development which will be of interest to you, and may be of value in your next meeting with the Indians. This is only to May 1st of this year, and does not include any of the maintenance and operation of wells and irrigation projects, nor does it include any betterments at any of the wells, and will be completed to the end of the fiscal year as soon as the data can be gotten together after June 30th. When the overhead and the depreciation is worked out it will probably change many of the figures, but of course, not the facts that this list is trying to convey.

Perhaps the best method of informing you what has been done in the various jurisdictions in new work will be for me to list here the work done, the approximate amount spent on each without considering any overhead (including headquarters pro rata, depreciation on equipment, etc.) that will be charged in at the end of the fiscal year, and the fund from which the particular work was paid, July 1st, 1926 to May 1st, 1927 as the data is not all in for May and none for June.

**NORTHERN JURISDICTION**

Paid from fund Water Supply, Navajo and Hopi, Spring Development: including concrete troughs at each place:

Tsay ya to Spring	617.98	
Do be chady Spring	237.62	
Red Mesa Spring	284.46	
Tsa Clishin Bito Spring	368.45	
Chil chin bito Spring	316.92	
Shan to or Cha el sissie Bito Spg.	442.64	
Tan e kis Spring	851.15	
Sheep Dip Spring	41.56	
Drilling well No. 902	<u>4,627.64</u>	7788.42

Paid from the Oil Royalties fund:  
The following springs developed and  
concrete troughs built:

Stinking Spring No. 2	650.61
Te-la Spring	576.39
Frank W. Smith Spring	380.22
Kime de de tsie Spring	421.23
George's Spring	212.44
White Water Spring	180.63
Sagae Esly Spring	293.23
Two Gray Hills Sheep Dip Spring (including a reservoir)	702.46
Mud Springs	165.02
Sheep Dip well (Denshotso)	92.85

The following improved by  
filling around trough, etc.

Silent Man's Spring	74.07
Dead Man Spring	69.16
Well No. 901 Concrete trough	153.30
Cross Roads well Concrete Reservoir	28.40
Tocito Spring Concrete trough	141.14
Drolet Well	95.00
Tocito Well, purchase of	1,000.00
Equipment on hand	2,208.21
Mat. & Sup. on hand	2,367.11
Miscel. unpaid	155.71
Balance	32.82
	<u>10,000.00</u>

Paid from the fund: Irrigation Indian  
Reservations, Navajo & Hopi, Miscel  
Reimb. 1927.

Red Rock Project 1,444.88

This is a project southwest  
of Shiprock where a concrete  
dam was built across an eph-  
emeral stream to divert flood  
waters to lands partly under  
cultivation and which will be  
extended by this work.

Beautiful Mountain Project. 324.13

This is for surveys, etc.  
on a similar project in the  
same general location which  
has not been built, and it  
is doubtful whether its con-  
struction is justifiable.

Kirtland Ditch. 3,050.38

This was for building two flumes on an existing project on the south side of the San Juan River opposite Kirtland. These flumes were built with concrete foundations, steel waterways upon wooden sub-structures, and enables water diverted from the San Juan to be put upon some 600 acres of irrigable lands.

Toith le con (Sweetwater) 911.50

This is a project some 50 miles west of Shiprock and of the general nature as the Redrock Project, but is larger and will cost more. It was expected that it would be completed about the 15th of June. The costs given were to May 1st only.

5,730.89

HOPI JURISDICTION

Paid from the fund: Water Development, Navajo & Hopi.

This only includes new construction, but not regular operation and maintenance of wells and springs.

For developing the following springs:

Taapeny Spring	291.08
Burro Spring	396.13
Sae es skeesie Spring	308.23
Cow camp Spring	51.08
Devil Spring	189.35
Too at la	4.96

For building concrete troughs at the following wells:

Well No. 238	140.25
227	535.85
9	204.47
4	173.99
463	128.76
464	125.17
480	128.27
778	183.92

2,861.40

WESTERN NAVAJO JURISDICTION

Paid from fund: Water Development,  
Navajo & Hopi.

For spring development to May 1st:

Red Lake water holes	312.30	
Saga nitso Spring	546.38	
Walker seep	419.14	
Sheep Springs	417.44	
Cemetery Spring	221.15	
Hole-in-Rock Spring	378.57	
Rat Spring	708.37	
Tanner Wash Spring	600.24	
To lo can	262.26	
Bitter seep Spring	292.18	
Kai deto	1,352.08	
Dau be to seeps No. 3 and 4	493.20	
Sandstone Spring	474.79	
Say et sisle seeps	379.44	
Chiesay yezzie	<u>271.49</u>	7,109.03

Paid from fund: Irrigation Indian  
Reservations, Navajo & Hopi,  
Miscellaneous, Reimb. 1927.

Keencopi Wash (Tuba) Repairs to canal after flood	<u>1,248.85</u>	1,248.85
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LEUPP JURISDICTION

Paid from fund, Water Development,  
Navajo and Hopi. Development of  
Springs.

Koney Nez Springs Reservoir	240.20	
Ish no gallie Spring	<u>626.37</u>	866.57

SOUTHERN JURISDICTION

Paid from: Irrigation Indian  
Reservations. Navajo & Hopi.

Red Lake Project, to May 1st only	<u>913.44</u>	913.44
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This project is almost finished. The work was delayed somewhat as it was necessary to discharge A. B. Myers who was in charge, and the work has dragged somewhat. The force at Tolth le con will be transferred to Red Lake as soon as the former is completed which has been estimated June 12-15th. Mr. Burns reports that he expects to complete this project by the end of the fiscal year.

A spring development outfit was started in the field for this jurisdiction, equipment was purchased and material and supplies bought. Very little work can be accomplished, however, before the end of the fiscal year, but it is hoped and expected that much may be accomplished during the balance of the calendar year.

In checking over the above lists it can be seen that the following has been accomplished:

Northern Jurisdiction.

20 springs developed

1 well drilled

1 well bought

4 places, troughs, reservoir and filling around troughs. Having spent in this work for labor and materials and supplies the sum of \$13,180.28, and there remains on hand for work during the coming year - Equipment including two trucks and in material and supplies the sum of \$4,575.32.

In addition to this there was new irrigation development at four places upon which there was expended to May 1st the sum of \$5,730.89, and there will be expended during the balance of the fiscal year more than \$1,000. additional.

Hopi Jurisdiction.

5 springs developed

8 wells improved by the construction of concrete troughs at a cost of \$2,861.40.

This takes into consideration no money paid for operation and maintenance.

Western Navajo Jurisdiction.

15 springs developed at a cost of \$7,109.03.

Repairs at Moencopi made necessary by flood damage at a cost of \$1,248.85.

Leupp Jurisdiction.

2 springs developed.

Southern Jurisdiction.

The rehabilitation of Red Lake Project. The cost is yet unknown, but there has been allotted to this \$5,300. Regular operation and maintenance of wells and windmills not included.

Equipment including truck, and material and supplies purchased for spring development outfit, which had accomplished nothing to May 1st, but is now at work.

With the above recital, it is believed that the promise given you regarding this work has been fulfilled.

It is proposed to continue this work as rapidly as possible, and the amount that can be done will be governed by the amount of funds allotted, and especially whether we will have a large or small amount of the oil royalties fund to work with.

It is believed that every cent spent on this work has been done to good advantage. With so many outfits scattered over such a large area it is difficult to keep close touch on all of the men, especially as we are putting on new men. Several who were hired for this work have proven unfit for it and have been let out. The present outfits are still under trial, but we hope to weed out the incompetent and in time have as good an outfit on this work as we have on other work.

When Mr. Reed was here lately, we visited several projects on the Southern Jurisdiction, particularly Wheatfields, Whiskey Creek and Lakachukai. It was understood that some more and detailed surveys were to be made along lines suggested and approved by him, and this will be done this late summer and fall, and reports rendered.

Yours very truly,

HFR/JL

Supervising Engineer