

C O P Y

DEPARTMENT OF THE INTERIOR  
CANADA

150-Mile House, B.C.,  
11 August, 1927

Re - Stone I.R.No.1  
Stone I.R.-Chilco Ranch Irrigation.

Sir:

Enclosed is copy of letter received from Mr. H.E.Church when I came down to Alexis Creek from Beaver Lake.

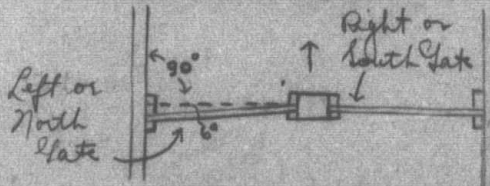
Mr. MacLeod happened to be at Anaham I.R. at the time, and he and I made a hurried trip to Big Creek to investigate conditions written of by Mr. Church.

We found the gates at the Big Creek intake closed, with a head of water on them of about 2½ feet.

A thorough examination showed, as far as we could tell, no sign of leakage at the sides and bottom of the intake culvert, nor through the right or southern gate.

The left or northern gate, however, was leaking badly both at the sides and bottom, and a volume of approximately 1/3 c.f.s. of water was flowing down the ditch.

The position of this gate is not square with the culvert wall but at an angle of about 6° from square as shown below.



On raising this gate it was found to be warped at the sides, though the bottom appeared to be straight and square.

At the present time Mr.Church stated, the flow in the ditch was doing no damage. He asked however that the leakage be stopped before freeze-up in the fall.

It was the opinion of Mr.MacLeod and myself, that later in the season when the surface level of Big Creek has fallen, the flow into the intake could be blocked by a sand bag dam, and the left hand gate be reconstructed so as to eliminate the present leakage.

Your obedient servant,

(F.R.Archibald)

C.E.Webb, Esq.,  
Dist.Chief Eng.,  
Vancouver, B.C.