



THE STATE OF UTAH
OFFICE OF STATE ENGINEER
SALT LAKE CITY

WAYNE D. CRIDDLE
STATE ENGINEER

July 8, 1957

MEMORANDUM FOR OFFICE STUDY ONLY, by Clifton W. Johnson

Re: Burnt Fork Distribution

On July 1 and 2 a trip was made to the Burnt Fork area. No weirs had yet been installed since the flow in Burnt Fork Creek was still well over 100 c.f.s. and the diversions are difficult to shut off.

One of the most important needs at present is the establishment of some point near the Utah-Wyoming line where the Wyoming rights can be measured. With this in mind probably the most logical measuring point is near Indian Springs where the creek divides into the East and West channels. At this point a dividing structure is badly needed. A measuring device could be included as part of the structure.

Because of extremely low banks, weirs could not be properly installed in the upper diversions. The flumes of the Ike Ditch and Gamble Ditch, where they cross the Interstate Canal, were rated by use of the current meter, after the approaches had been improved by removing rocks and brush. Gauges were installed upstream from the flumes.

It was decided that a bulldozer would be necessary for good installation of weirs in the ditches and this installation was left to a later time.

CWJ/le