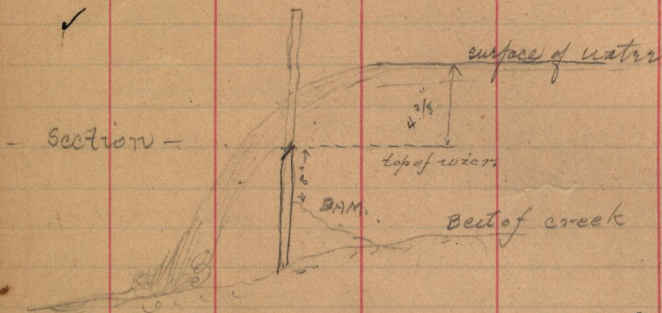


July 27 - 1892

measurement of cold water creek at North Ogden
by wire measurement, width of wire - 30" wide
2nd measurement, taken at a point where the
road crosses said creek in the mouth of the
cañon.

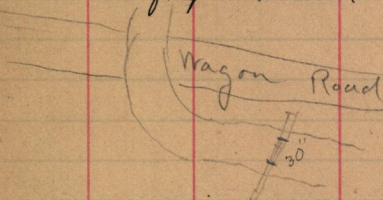
— DIAGRAM —



$$4\frac{3}{8}'' = \frac{36}{100} \text{ of } 1 \text{ ft. } .36^3 = 0.046656 \quad \sqrt[3]{0.046656} =$$

$$.216 \quad .216 \times 2.5 \text{ ft.} = .54 \quad .54 \times 3.33 = 1.8 \text{ (nearly)}$$

cubic ft per second.



showing an increase of $\frac{5}{10}$ of 1 cubic ft per
second near the mouth of cañon.