Canal or Ditch	Type of Soil	Max. Cap.	Date	First Measurment	Second Measurment	Distance Between Measurments	Loss/Mile	Remarks
Small Streams								
Hunter Ditch	Alluvial fill	1. cfs	June 26	.472	.371	2000'	56.5 ①	
			July 8	.446	.421	2000'	14.7	
			July 29	.446	.433	2000'	7.68	
			Aug 26	.382	.371	2000'	7.60	
Pinto Culinary	Volcanic Ash	1 c.f.s.	July 30	.29	.25	0.85 Mi	16.23	
			Aug 13	.29	.27	0.85 Mi	8.11	
			Aug 19	.23	.19	0.85 Mi	20.45	
			Aug 27	~~.34~~ .32	.23	1.2 Mi	23.43	
Little Pinto	Volcanic Ash	1 c.f.s.	~~July 29~~					
			Aug 13	.13	.06	1.6 Mi	31.25 ~~50.0~~	
			Aug 22	.15	.06	1.6 Mi	37.5	
			Aug 27	.07	.03	1.6 Mi	35.7	

① Ditch had been recently realigned.

Union Field

Canal or Ditch	Type of Soil	Max. Cap.	Date	First Measurement	Second Measurement	Distance Between Measurements	Loss/Mile	Remarks
	First half is well sorted alluvial fill & the last half is light colored hard pan with boulders embedded.	32 c.f.s.	June 12	22.6	21.83	6700'	2.68	
			June 24	14.51	14.16	6700'	2.38	
			June 25	13.70	12.82	6700'	5.05	
			June 28	10.00	9.56	6700'	3.47	
			July 1	9.03	8.64	6700'	3.40	
			July 6	3.90	3.92	6700'	None	
			July 10	7.46	7.48	6700'	None	
			July 11	6.58	6.28	6700'	5.78	
			July 12	6.22	5.53	6700'	8.74	
			July 23	3.66	3.63	6700'	0.60	
			July 24	2.87	2.74	6700'	3.60	
			July 29	2.63	2.56	6700'	2.10	
			Aug 6	2.50	2.50	6700'	None	

Measurments are in c.f.s. & loss in percent