

100.0 = Sta 0 = point 2.5 ft S 2° 38' E at S. End of Concrete tank b. dep. 6' wide 10.5' long. Wood cover
 El. Elev. Diff. El. Course Vert. Δ Wire Point observed
 88.40 90.7¹¹ 11.6 S 2° 38' E - 7° 28' .90 to Sta. 1
 65.8 545.0 34.2 S 29° 33' E - 3° 36' 5.46 To Craven's ctr. Sec. 22
 926° 17' E
 S 19° 28' W 14.50 to point on S. line Sec. 22 - 3402.7 ft S 89° 24' E. of S.W. cor. Sec. 22
 S 37° 36' W to " in ctr. Street Car track bearing N 86° 33' E to corner
 to S.W. cor. Sec. 22 - 3882.4 computed.

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88.4 Sta 1 = point on pipe line
 100.0 90.7¹¹ 11.6 N 2° 38' W + 7° 28' .90 to Sta 0 -
 53.0 357.6¹¹ 35.4 S 6° 52' W - 5.40 3.60 to " 2
 59.2 269.9 29.2 S 6° 52' W - 6.15 2.70 " bottom of North Ogden Canal on pipe line
 73.7 85.0 14.7 S 6° 52' W - 9° 47' .88 " aug. in pipe line
 73.6 134.4 S 6° 52' W - 6° 20' 1.35 " hump in "

53.0 Sta 2 = point on pipe line 0.5 ft. S.W. of Stop Cock & over flow pipe 1 1/2" dia
 88.4 357.6 35.4 N 6° 52' E + 5° 40' 3.60 to Sta 1
 46.8 85.0 6.2 N 6° 52' E to fence bearing N 89° 08' W & S 89° 08' E
 553° 41' W - 4° 14' .84 to Sta (3) on pipe line

46.8 Sta 3 = point on pipe line in peach orchard.
 53.0 85.0 6.2 N 53° 41' E + 4° 14' 0.84 to Sta 2 -
 35.0 170.2 11.8 S 45° 41' W - 4° 00' 1.70 to Sta. 4 at end of pipe line - Stop Cock & outlet.

35.0 Sta 4 = point on End of pipe line -
 46.8 170.2 11.8 N 45° 41' E + 4° 00' 1.70 to Sta. 3.
 26.5 25.4 8.5 S 11° 42' W - 3° 55' 1.25 to " 5 --- 4.8 ft. S. of fence on N. line Co. Road Gravy N 66° 44' W
 N 15° 01' W .40 " S.E. Cor. Francis Quilley 16.5' wide N. & S.
 N 53° 25' W .44 " S.W. " " " "

26.5 Sta 5 = point 4.5 ft. S. of fence on N. Side Co. Road Gravy N 66° 44' W & S 66° 44' E
 S 18° 42' W 6.85 to point in center of Street Car track bearing N 86° 33' E & S 86° 33' W
 Station in Center of Street Car track bearing N 86° 33' E & S 86° 33' W.
 N 19° 28' E to Sta 0. on pipe line
 N 18° 42' E 6.85 to " 5.

Final dist = 1113

June 26-1910 - Survey for Smith for purpose of making proofs of water development & appropriation
 Total length of pipe Horizontal meas. from tank to house = 706.
 & from tank to point of development = 40. ft.
 courses of pipe line = from Sta 0 = S 2° 38' E 90.7 Ft
 S 6° 52' W 357.6
 S 53° 41' W 85.0
 S 45° 41' W 170.2 = End of pipe line

Traverse Table of pipe line from its connection with Concrete tank in reservoir to house

dist	course	sin	cos	N	S	E	W
90.7	S 2° 38' E				90.6	4.17	
357.6	S 6° 52' W				357.03		42.75
85.0	S 53° 41' W				50.74		68.05
170.2	S 45° 41' W				118.9		121.8
							To end of line
545.0	S 29° 33' E				Traverse from Sta. 0 to Craven's 1/2 cor		
					474.1	268.8	to Craven's 1/2 cor
					Traverse from Sta 0. to where pipe line crosses fence line N 89° 08' W		
90.7	S 2° 38' E				90.6	4.17	
357.6	S 6° 52' W				357.03		42.0
					474.9		