

May 7, 1911

(94)

Levels of ditch for W.H. Child on West farm in N.W. 1/4

Sec. 6, T. 6, N. R. 1, W.

I beg, at point in main Harrisville Canal where the Saunders & others take out a small irrigating ditch about 500 ft. E. of County Road No. 3. To Flagput View, & Harrisville, and on land owned by Child. Draw stake to water level in small ditch, assumed eleva 50.0 ft. - Canal went down the canal, on preliminary & set B.M.S.

		50.00 = assumed eleva of water level in small ditch of Saunders et al.
	+ 3.99	53.99
B.M. 10	- 3.11	50.88 = stake 2 ft. E. of fence post on W. side Co. Road 10 ft. E. of canal.
	+ 3.79	54.67
	6.49	48.18 water level in main Canal 20 ft. W. of bridge on W. side of street.
B.M. 11	- 4.32	50.35 on hub 10 ft. E. of " " abt centered of W. alley West field.
	+ 3.41	53.76
	6.03	47.73 water level in main canal - east of concrete headgate abt 100 ft. E. of Rail Road
	4.52	49.24 on top of concrete work S. edge of South water way of headgate above described
	7.38	46.33 Flood by South water way of side gate.
B.M. 12	- 5.26	48.50 on hub 2 E. of fence post on W. side of field.
	+ 5.36	43.86
	5.84	42.02 water level in Saunders ditch under Ry. track, E. end of pipe
	5.32	49.54 Hub 10 ft. W. of last point. " abt 200 ft. E. of last point.
B.M. 13	- 4.85	49.01
	+ 4.90	53.91
B.M. 14	- 4.70	49.21 water level in Saunders ditch where it crosses W. side of Co. Road, abt 200 ft. E. of canal
	+ 3.00	50.91 check on B.M. 10

Profile Notes on center of proposed ditch to be built,

for purpose of changing the old ditch. Across the field. Station run by stationing 33, p. 10. Station 0, being at present head of Saunders ditch, which is to run in old ditch to Sta. 3, and there turn out into new ditch.

Sta	B.M. 10	50.88	Grade E.	Fill or cut.	Notes
	+ 4.87	55.75			
3	5.57	50.18	49.2	1.0 cut	point for beg. of new ditch, turns to right
" 4	6.3	49.4	49.1	0.3 "	on ground 15 ft. E. of canal
" 5	+ 5.7	51.3	49.0	1.3 "	" " " " " "
	4.8	50.9	49.0	1.9 "	" " " " " "
" 6	+ 2.0	4.9	50.8	1.5 "	" " " " " "
	5.3	50.4	48.9	1.5 "	" " " " " "
" 7	5.5	50.2	48.8	1.4 "	" " " " " "
" 8	5.75	50.0	48.7	1.3 "	" " " " " "
B.M. 11	- 5.41	50.34			
	+ 3.94	54.28			
" 9	3.9	50.4	48.6	1.7 cut	" " " " " "
	4.8	49.5	48.6	0.9 "	" " " " " "
10	+ 5.7	3.8	50.5	2.0 "	" " " " " "
	4.85	49.33	48.5	0.9 "	" " " " " "
" 11	5.1	49.2	48.4	0.8 "	" " " " " "
	+ 4.2	5.7	48.6	0.3 "	" " " " " "
12	4.9	49.4	48.3	1.1 "	" " " " " "
" 13	5.7	48.6	48.2	0.4 "	" " " " " "
" 14	5.9	48.4	48.1	0.3 "	" " " " " "
" 15	6.45	47.83	48.0	0.2 Fill	" " " " " "
" 16	4.16	50.12	47.9	2.2 cut	" " " " " "
	+ 6.0	4.2	50.1	2.2 "	" " " " " "
" 17	6.2	48.1	48.7	0.3 "	" " " " " "
	- 5.26	49.02			on top of stake 17
	+ 6.23	55.25			water level in Saunders ditch under Ry. at E. end of pipe
	7.26	47.99			check at head.

B.M. 10	+ 2.61	50.88		
		53.49		
Sta 3	3.27	50.22		on ground
	3.80	49.69		water level in old ditch at Sta. 3
	3.46	50.03		" " " " " "
	- 6.20	47.29		in peg " " " " " "
	+ 3.32	50.61		
	- 4.96	45.65		on top of grade stake set on W. side of East field for grading pipe field - same being abt 100 ft. S. of N. end of proposed filling. Said grading to have at ft. fall going south a dist. of abt 60