## Blue Creek Reservoir Site.

Sec. 20 — 17

Meanders of West line of Reservoir beg. at Sta. O. on Dam, & running N. in Sec. 20 & 17.

| Course | Dist. | N. | S. | E. | W. | |
|---|---|---|---|---|---|---|
| N 46° 02' W. | 561. | 389.4 | | | 403.7 | |
| N 44° 27' E | 691.4 | 493.5 | | 484.2 | | |
| N 37° 01' E | 425.0 | 339.3 | | 255.8 | | |
| N 47° 46' E | 451.1 | 303.2 | | 334.0 | | |
| N. 28° 42' E | 75.6 | 66.3 | | 36.3 | | |
| N 7° 22' E | 183.7 | 182.2 | | 23.6 | | |
| N 0° 30' W. | 123.9 | 123.9 | | | 1.1 | |
| N 14° 11' W. | 127.8 | 123.9 | | | 31.3 | N. line Sec 20 N 89° 47' E 2123.6 ft from NW |
| N 14° 11' W. | 253.1 | 245.4 | | | 62.0 | |
| N 1° 19' E | 419.8 | 419.7 | | 9.6 | | |
| N 20° 43' E | 504.0 | 471.4 | | 178.3 | | |
| N 40° 53' E | 300. | 226.8 | | 196.3 | | |
| N 20° 08' E | 300.6 | 282.2 | | 103.4 | | |
| S 16° 06' W | 106.1 | | 101.9 | | 29.4 | |
| S 6° 43' W | 200.0 | | 198.6 | | 23.4 | |
| S 34° 08' W | 134.5 | | 111.4 | | 75.4 | |
| S 15° 08' W | 143.9 | | 138.9 | | 37.6 | |
| S 20° 34' E | 560.2 | | 524.5 | 196.8 | | |
| S 35° 10' E | 367.5 | | 300.4 | 211.7 | | |
| S 48° 30' E | 401.6 | | 266.1 | 300.7 | | S. line Sec. 17. 3092.7 Ft N 89° 47' E of S.W. Cor. Total length of S. line Sec. 17 = 526 Ft. This point is also 459.3 Ft N89° from ¼ Sec. Cor. on N. line, 20. |

Meander of E. line of Reservoir beg. on N. line Sec. 20. 3092.7 Ft N 89° 47' E from

| | | | | | | |
|---|---|---|---|---|---|---|
| S 48° 30' E. | 49.4 | | 32.9 | 37.0 | | |
| S 20° 00' E | 326.6 | | 306.9 | 111.7 | | |
| S 8° 30' W | 597.1 | | 590.5 | | 88.2 | |
| S 0° 53' E | 306.7 | | 306.6 | 4.7 | | |
| S 28° 43' W | 327.0 | | 286.8 | | 157.1 | |
| S 52° 20' W. | 806.3 | | 492.6 | | 638.2 | |
| S 67° 15' W | 488.3 | | 188.8 | | 450.3 | |
| S 89° 16' W | 296.5 | | 3.8 | | 296.5 | |
| N 46° 02' W. | 264.0 | 183.3 | | | 190.0 | = Sta. O. of Canal, on Dam, = beginn |
| | | 3850.5 | 3850.5 | 2484.1 | 2484.2 | Comp. area of Reservoir = 82.26 acres |

Meanders of that part of the RESERVOIR in Sec. 17. T. 11. N — R. 5. W. beg. on S. line of 17. 3092.7 ft N 89° 47' E from S.W. Cor.

| | Course | Dist. | N. | S. | E. | W. | |
|---|---|---|---|---|---|---|---|
| 1 | N 14° 11' W. | 253.1 | 245.4 | | | 62.0 | |
| 2 | N 1° 19' E | 419.8 | 419.7 | | 9.6 | | |
| 3 | N 20° 43' E | 504.0 | 471.4 | | 178.3 | | |
| 4 | N 40° 53' E | 300.0 | 226.8 | | 196.3 | | |
| 5 | N 20° 08' E | 300.6 | 282.2 | | 103.4 | | |
| 6 | S 16° 06' W | 106.1 | | 101.9 | | 29.4 | |
| 7 | S 6° 43' W. | 200. | | 198.6 | | 23.4 | |
| 8 | S 34° 06' W. | 134.5 | | 111.4 | | 75.4 | |
| 9 | S 15° 08' W. | 143.9 | | 138.9 | | 37.6 | |
| 10 | S 20° 34' E | 560.2 | | 524.5 | 196.8 | | |
| 11 | S 35° 10' E | 367.5 | | 300.4 | 211.7 | | |
| 12 | S 48° 30' E | 401.6 | | 266.1 | 300.7 | | |
| 13 | S 89° 47' W | 969.1 | | 3.7 | | 969.0 | along S. line Sec. 17, |
| | | | 1645.5 | 1645.5 | 1196.8 | 1196.8 | Area of Reservoir in Sec. 17 = 14.43 a. " " " " 20 67.83 |

Reservoir contains 82.26 a. 7. ft average depth = 575.87 acre feet.

The estimated flow in Blue Creek at a point near its source in July 1894. = 11. cubic ft per second. = 39600. cub. ft. per hour. would require 633.4/10 hrs to fill the reservoir. = 26.4 days nearly.