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DEPARTMENT OF THE INTERIOR  
 BUREAU OF RECLAMATION  
 SALT RIVER VALLEY WATER USERS' ASSOCIATION  
 Operating Salt River Project  
 Field Notes  
 Supplemental Survey of  
 Section 5, T. 1 S., R. 3 E.  
 G. & S. R. B. & M.  
 Maricopa County  
 A R I Z O N A  
 Executed by J. Miller, instrument man  
 SALT RIVER VALLEY WATER USERS' ASSOCIATION  
 Survey commenced Jan. 18, 1924  
 Survey completed Jan. 1, 1925.

FEB 24 1925 82125

Subdivision of section 5, T. 1 S., R. 3 E., G.&S.R.B.&M., Arizona

Chains

Survey commenced January 18, 1924 and executed with a C. L. Berger and Son Transit, the horizontal limb having two double verniers opposite each other reading to 1' of arc. The instrument was examined and found to be in good adjustment. All section corners and quarter section corners were found in place.

These are in no case the original corners, they having been obliterated years ago. The corners now in place were set from 10 to 15 years ago, while section 5 was still unsettled and while reliable evidence of the location of the original corners was still in evidence. The location of these corners and the common property lines determined by them have been undisputed and unquestioned for a period extending over a number of years before the construction of the High Line Canal in 1912. A detailed statement concerning the replacement of these corners was included in the notes of the supplemental survey of the NE $\frac{1}{4}$  of section 5, approved May 18, 1917.

Flags set on the four quarter section corners of section 5 being visible from the center thereof, I establish the center of the section (16/13 cor.) by obtaining the intersection of straight lines between the opposite  $\frac{1}{4}$  sec. cors. and mark the point with a B.C. Pipe marked  $C\frac{1}{2}$  S5 set in ground 18".

From 16/13 cor. heretofore described I run on random line S 0° 07' W. toward S $\frac{1}{4}$  sec. cor. of Sec. 5, an iron rod set in concrete on which a flag is visible.

20.00 Set temporary stake for 16/16 cor.

40.00 S $\frac{1}{4}$  sec. cor. Sec. 5, a rod set in concrete, heretofore described. Retracing N 0° 07' E. on true line.

20.00 Set Brass Cap Pipe marked  $S\frac{1}{2}$  S5 in ground 18" for 16/16 cor.

From S $\frac{1}{4}$  sec. cor. Sec. 5, heretofore described, I run on random line S 89° 27' W toward S.W. cor. of section, an iron rod set in concrete on which a flag is visible.

20.00 Set temporary stake for 16/5 cor. Sec. 5.

39.98 S.W. cor. of Section 5, heretofore described. Retracing N 89° 27' E. on true line.

19.99 Set B.C. Pipe marked  $W\frac{1}{2}$  S5 18" in ground for 16/5 cor. sec. 5.

From S.W. Cor. sec. 5, heretofore described, I run north on random line toward W $\frac{1}{4}$  sec. cor. of sec. 5, a rod set in concrete, on which a flag is visible.

39.98 W $\frac{1}{4}$  sec. cor. sec. 5, heretofore described, retracing south on true line.

10.01 Intersect North Right of Way Line of Highline Canal and W boundary of NW $\frac{1}{4}$  of SW $\frac{1}{4}$ , Sec. 5. Set 1 inch iron rod 2 ft long 18 inches in ground.

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11.57 Intersect south right of way of Highline Canal and west boundary of NW $\frac{1}{4}$  of SW $\frac{1}{4}$  of Sec. 5. Set 1 inch iron rod 2 ft. long 18 inches in ground.

19.99 A white stone with  $\pi$  cut on top. This stone being on line and equidistant between the SW sec. cor. and W $\frac{1}{4}$  sec. cor. I accept it as the 16/4 cor. sec. 5.

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20.00 From W $\frac{1}{4}$  sec. cor. heretofore described, I run on random line N 89° 26' E. toward the 16/13 cor. heretofore described on which a flag is visible.

20.00 Set temporary stake for 16/12 cor.

40.06 16/13 cor. Sec. 5, heretofore described. Retracing S 89° 26' W on true line.

20.03 Point for 16/12 cor. Sec. 5. Set Brass Cap Pipe marked  $c \frac{NW\frac{1}{4}}{S} c$  18 inches in ground.

27.92 Intersect south right of way line of Highline Canal and north boundary of NW $\frac{1}{4}$  of SW $\frac{1}{4}$  of Sec. 5. Set 1" iron rod 2 ft. long 18" in ground.

29.67 Intersect north right of way line of Highline Canal and north boundary of NW $\frac{1}{4}$  of SW $\frac{1}{4}$ . Set 1" iron rod 2 ft. long 18 inches in ground.

40.06 W $\frac{1}{4}$  sec. cor. heretofore described.

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Flags set on the opposite 1/16 cors of the SW $\frac{1}{4}$  of Sec. 5 being visible from the center thereof, I subdivide the said SW $\frac{1}{4}$  by locating the point of intersection of the two straight lines between the opposite 1/16 corners, double centering on each, such line and set a Brass Cap marked  $\frac{SW\frac{1}{4}}{1/16}$  18 inches in ground for 16/17 cor. of Sec. 5, from which point the 16/12 cor. bears N 0° 04' E. 20.00 chs. dist. and the 16/4 cor. bears S 89° 26' W 20.01 chs. dist.

Traverse of right of way of Highline Canal.  
Thru NW $\frac{1}{4}$  of SW $\frac{1}{4}$  of Sec. 5, T. 1 S., R. 3 E.

Beginning at the intersection of the north right of way line of Highline Canal and the west boundary of NW $\frac{1}{4}$  of SW $\frac{1}{4}$  of Sec. 5, an iron rod heretofore described from which point the W $\frac{1}{4}$  cor. of Sec. 5 bears north 10.01 chs. dist. and the 16/4 cor. of Sec. 5 bears south 9.98 chs. dist. I run N 43° 52' E.

11.33 Point on north right of way line of Highline Canal. Set 1 inch iron rod 2 feet long 18 inches in ground. Thence N 52° 34' E.

3.19 Point of intersection of north right of way line of Highline Canal and north boundary of NW $\frac{1}{4}$  of SW $\frac{1}{4}$  of Sec. 5 an iron rod heretofore described from which the W $\frac{1}{4}$  cor. bears S 89° 26' W. 10.39 chs. dist. Thence N 89° 26' E along north boundary line of NW $\frac{1}{4}$  of SW $\frac{1}{4}$ .

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1.75 Intersection of south right of way line of Highline Canal and north boundary of NW $\frac{1}{4}$  of SW $\frac{1}{4}$ , an iron rod heretofore described, from which the 16/12 cor. bears N 89° 26' E 7.89 chains dist. Thence S 52° 34' W.

4.58 Point on south right of way line of Highline Canal. Set 1 inch rod 2 feet long 18 inches in ground. Thence S 43° 52' W.

12.32 Intersection of south right of way line of Highline Canal with the west boundary of Sec. 5 an iron rod heretofore described from which point W $\frac{1}{4}$  cor. of Sec. 5 bears north 11.57 chs. distant and the 16/4 cor. of Section 5 bears south 8.42 chains distant. Thence N along said west boundary of NW $\frac{1}{4}$  of SW $\frac{1}{4}$ .

1.56 Intersection of north right of way line of Highline Canal and west boundary of NW $\frac{1}{4}$  of SW $\frac{1}{4}$ , point of beginning.

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FINAL OATH

I, J. Miller, instrumentman, S. R. V. W. U. A., do solemnly swear that I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished, the Manual of surveying instructions, and laws of the United States, surveyed all those parts or portions of Section 5, Township 1 South, Range 3 East, Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do solemnly swear that all of the angle points of said survey have been established in strict accordance with the Manual of Surveying Instructions, and in the specific manner described in the field notes, and the foregoing are the original field notes of such survey.

J. Miller  
Instrumentman.

SALT RIVER VALLEY WATER USERS' ASS'N.,

Subscribed by said J. Miller  
and sworn before me this 18th day of Feb., 1925.

Charles M. Donohoe  
SURVEYOR GENERAL OF ARIZONA.

APPROVAL

BUREAU OF RECLAMATION

WASHINGTON, D. C.

July 10, 1924

The foregoing field notes of the subdivision of the Northwest Quarter of the Southwest Quarter (NW $\frac{1}{4}$ SW $\frac{1}{4}$ ) of Section 5, Township 1 South, Range 3 East, G. & S. R. B. & M., Arizona and the survey of farm units therein, executed by J. Miller, instrumentman, S. R. V. W. U. A., having been examined and found to conform with instructions, are hereby approved.

Chas. Bassel  
Commissioner.

DEPARTMENT OF THE INTERIOR

GENERAL LAND OFFICE

WASHINGTON, D.C. Mar. 6/25

The foregoing field notes of the subdivision of the Northwest Quarter of the Southwest Quarter (NW $\frac{1}{4}$ SW $\frac{1}{4}$ ) of Section 5, T. 1 South, R. 3 East, G. & S. R. B. & M., Arizona, and the survey of farm units therein, having been examined and found to conform with the requirements of this office, the said field notes and the surveys they describe are hereby accepted.

William Gray  
Commissioner.

a. J. S.