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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

ORIGINAL
FIELD NOTES

Supplemental Survey of NW-1/4 of Section 33

Township 9 South , Range 23 West

Of the G. & S.R. Meridian, In the State of Arizona

EXECUTED BY

Albin H. Wadin, Engineer

U. S. Bureau of Reclamation

Under authority of Departmental Instructions of October 24, 1906.

Survey Commenced January 30, 1956

Survey Completed January 30, 1956

4496

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The purpose of this survey is to subdivide the NW $\frac{1}{4}$ of the section into legal subdivisions and fractional lots to accommodate farm units or lots for disposal.

Township 9 South, Range 23 West, Gila and Salt River Meridian, Arizona, was surveyed originally in July - August, 1873, by T. F. White. The Plat was approved May 18, 1874. A Supplemental Plat of Section 29, prepared by A. W. Bainbridge, was approved January 10, 1925. The Plat of the Survey and Resurvey of Sections 10 and 11, by Vern E. Lane in December, 1954, was approved May 17, 1955.

Section 33 has not been resurveyed, nor a Supplemental Plat Prepared, since the original survey in 1873. Records in the Yuma Project files show that in 1913, Kenneth Sawyer, Engineer, U. S. Reclamation Service, found the original corner monuments which marked the original corner locations. In order to perpetuate the corner markings, he replaced the original deteriorated monuments with 4" X 4" redwood posts properly inscribed. From 1945 to 1947, during which time there was considerable construction activity on the Yuma Mesa Division of the Gila Project, in constructing canals and laterals, and development of farm units, the Bureau of Reclamation subdivided the section into quarter-quarter sections and set the 1/16th corners. Suitable markers were placed in the lining of canals or laterals which fell on the corners. Principal exterior corners were referenced out to 4" X 4" redwood posts set at full clearance for roadways and lateral rights-of-way.

This survey was executed with a Keuffel & Esser transit, serial number 92796, which is provided with double verniers reading to 30 seconds of arc. The instrument was examined and tested and found to be in good condition and adjustment.

Bearings established and used by the Bureau of Reclamation in this area are based on the U. S. C. & G. S. Western Arizona Grid System, whose central meridian in this zone is 113° 45' west longitude. The bearings in this survey have been corrected to the true meridian and are shown as true bearings and true lines.

CHAINS

The corner of Sections 28, 29, 32 and 33 is monumented with a 2" iron pipe set flush with the pavement, in the center of county road. RPs are marked, on the two headwalls of the B-3 Lateral road siphon, 53.0 feet.

S. 0° 28' 30" E., along line bet. Secs. 32 and 33, and on the W. line of Lot 2; along center of county road.

20.13 The N 1/16 cor. of Secs. 32 and 33, and angle point 3 of Lot 2. Corner falls in center of county road and is referenced by a 4" X 4" redwood post, marked and placed 33 feet east of the corner. Corner is monumented by a 4" X 4" redpost set 12" below surface of road.

Continuing measurement, leaving Lot 2.

40.26 To the $\frac{1}{4}$ cor. of Secs. 32 and 33, a 4" X 4" redwood post set 6" below surface of county road. A 4" X 4" redwood post reference marked 46.67 feet is set to NE of corner.

Thence, N. 89° 26' 30" E., on E-W centerline of the section, beginning new measurement.

5.04 The center-line of the B-Main Canal.

20.17 Point for the CW 1/16 cor. of sec. 33. At proportionate distance
Set iron post, 3 ft. long, 1 in. diam., 32 inches in ground with brass cap marked

		<p>CW 1/16 S33 1956</p> <p>Continuing measurement</p>
40.34		<p>The center of sec. 33, a round bolt head set in bottom of concrete lined Lateral A-9.9W. RPs are painted 4.0' to N. and S. of corner on lining.</p>
		<p>Thence, N. 0° 32' W., beginning new measurement on N-S centerline of sec. 33</p>
20.18		<p>Point for the CW 1/16 cor. of sec. 33. Found 2" X 2" post set 6" out ground, marked 16/5 S 33. Replaced post with</p> <p>An iron post 36 in. long, 1 in. diam., set 30 in. in ground, with brass cap mkd.</p>
		<p>CW 1/16 S33 1956</p> <p>Continue measurement</p>
40.36		<p>The $\frac{1}{4}$ cor. of secs. 28 and 33, a 4" X 4" redwood post set 12 in. below surface of paved county roadway, on centerline. Referenced by a 4" X 4" redwood post, marked 33 feet, to S. of corner.</p> <p>Thence, S. 89° 19' 30" W., along line bet. secs. 28 and 33 and on centerline of pavement.</p>
20.15		<p>Point for the W 1/16 cor. of secs. 28 and 33, and angle point of Lot 1. At proportionate distance</p> <p>Set an iron post 36 in. long, 1 in. diam., 2 in. below surface of road with brass cap mkd.</p> <p style="text-align: center;"> $\frac{S\ 28}{W\ 1/16\ S\ 33}$ 1956 </p> <p>Continue measurement, now on N. line of Lot 1.</p>
30.20		<p>Point for the WW 1/64 cor. of secs. 28 and 33, also angle points 2 of Lot 1 and 1 of Lot 2. At proportionate distance</p> <p>Set an iron post 36 in. long, 1 in. diam., 6 in. below surface of road with brass cap mkd.</p> <p style="text-align: center;"> $\frac{S\ 28}{WW\ 1/64\ S\ 33}$ 1956 </p> <p>RPs are painted on B-Main Canal road siphon headwalls, 39.06 ft. to N. and 38.45 ft. to S.</p> <p>Leave Lot 1 continue measurement on N. line of Lot 2.</p>
40.27		<p>To cor. of secs. 28, 29, 32 and 33, previously described.</p> <p style="text-align: center;">-----</p> <p>From the CW 1/16 cor. of sec. 33, previously described.</p> <p>N. 0° 32' W., along the N-S centerline of the NW$\frac{1}{4}$ of sec. 33</p>
20.16		<p>To point for the NW 1/16 cor. of sec. 33, and angle point 5 of Lot 1. At intersection with the E-W centerline of the NW$\frac{1}{4}$</p> <p>Set an iron post 36 in. long, 1 in. diam., 28 in. in ground with brass cap mkd.</p>

SUPPLEMENTAL SURVEY OF SECTION 33
T. 9 S., R. 23 W., G. & S. R. M., ARIZONA

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		NW 1/16 S33 1956
		Continuing measurement, now on E. line of Lot 1.
40.32		The W 1/16 cor. of secs. 28 and 33, previously described.

		From the NW 1/16 cor. of sec. 33, previously described.
		S. 89° 23' W., on the E-W centerline of the NW ¹ / ₄ of sec. 33
20.15		To the NW 1/16 cor. of sec. 33, previously described.
		Continue measurement, on S. line of Lot 1.
34.42		The E. Right-of-way line of the B-Main Canal.
		Set an iron post 36 in. long, 1 in. diam., 28 in. in ground with brass cap mkd.
		T9S R23W WC ← $\frac{L2/L1}{S 33}$ 1956
		The true point for angle point 4 of Lot 1 and angle point 4 of Lot 2 falls at centerline of the B-Main Canal. A witness corner was set at each Right-of-way line, whose width is 50 feet on the east side and 60 feet on the west side of the centerline.
		Continue measurement
35.27		Intersection with centerline of the B-Main Canal and the true point for angle point 4 of Lots 1 and 2. This point is the P. I. of curve in B-Main Canal.
36.18		The W. Right-of-way line, on S. line of Lot 2.
		Set an iron post 36 in. long, 1 in. diam., 28 in. in ground with brass cap mkd.
		T9S R23W $\frac{L2/L1}{S 33}$ → WC 1956
		Continuing measurement.
40.31		The N 1/16 cor. of secs. 32 and 33, previously described.

		The line bet. Lots 1 and 2 falls on the centerline of the B-Main Canal. The traverse was made on an offset line, however, the course and distance shown in these notes for this line are true distances and bearings of the centerline.
		From the WW 1/64 cor. of secs. 28 and 33, previously described as angle point 2 of Lot 1 and 1 of Lot 2.
		S. 0° 30' E., along the centerline of the B-Main Canal and bet. Lots 1 and 2.
		10.37

10.07 To angle point 3 of Lot 1 and angle point 5 of Lot 2. Not monumented.
Thence, S. 26° 03' W., beginning new measurement.

11.27 To intersect the E-W centerline of the NW $\frac{1}{4}$ of sec. 33 at point previously described.

The area of Lot 1 is 22.83 acres.
The area of Lot 2 is 17.75 acres.

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BOOK 4496

CERTIFICATE OF CADASTRAL ENGINEER

I, Albin H. Wadin Bureau of Reclamation, HEREBY CERTIFY upon honor that, under authority of Departmental Instructions of October 24, 1906.

I have made the Supplemental Survey of the NW-1/4 of Section 33, Township 9 South, Range 23 West

of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with the Manual of Instructions for the Survey of Public Lands of the United States, and in the specific manner described in the foregoing field notes.

February 15, 1956

Albin H. Wadin, Engineer

U. S. Bureau of Reclamation

CERTIFICATE OF APPROVAL

Bureau of Reclamation

Washington, D. C. _____, 19 _____

The foregoing field notes of the Supplemental Survey of the NW-1/4 of Section 33, Township 9 South, Range 23 West, Gila and Salt River Meridian, Arizona

executed by Albin H. Wadin, Engineer, Bureau of Reclamation

having been critically examined and found correct, are hereby approved.

JUN 21 1956

E. G. Nelson

Assistant Commissioner

CERTIFICATE OF TRANSCRIPT

Bureau of Land Management

Washington, D. C. _____, 19 _____

I CERTIFY that the foregoing transcript of the field notes of the above described surveys in

is a true copy of the original field notes.