

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

# FIELD NOTES

OF THE

DEPENDENT RESURVEY AND EXTENSION SURVEY

OF

PORTIONS OF THE WEST BOUNDARY AND SUBDIVISION

OF

TOWNSHIP 2 SOUTH, RANGE 23 WEST

*Of the* ..... *Gila and Salt River* ..... *Meridian,*

*In the State of* ..... *Arizona* .....

EXECUTED BY

Robert C. Yundt, Cadastral Surveyor

*Under special instructions dated* ..... *December 28* ....., *19 59* ....., *which provided*  
*for the surveys included under Group No.* ..... *345* ....., *approved* ..... *December 29, 1959* .....

*and assignment instructions dated* ..... *December 29* ....., *19 59* .....

*Survey commenced* ..... *February 12* ....., *19 60* .....

*Survey completed* ..... *February 12* ....., *19 60* .....

BOOK 4581

# INDEX DIAGRAM

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## Township 2 South, Range 23 West

## Chains

The original survey of T. 2 S., R. 23 W. of the Gila and Salt River Meridian, Arizona was made by John A. Barry, Deputy Surveyor, in 1902, as shown upon a plat approved November 3, 1903.

The following field notes are those of a dependent resurvey of the boundaries of section 6.

The record of the dependent resurvey of the north boundary of section 6 will be found in the notes of the resurvey of T. 1 S., R. 23 W., concurrently resurveyed. During the retracement, only the corner of sections 5, 6, 7 and 8, remonumented at its original position in 1935 by the U. S. Bureau of Reclamation, was recovered. The south and west boundaries were resurveyed on their original courses and the meander corners on the left bank of the Colorado River, originally terminating these lines, were remonumented at the original distances. Before remonumenting an original corner or restoring a missing one, the lines of the original survey were retraced and searches made for the original monuments and other calls of the field notes, and for other evidence of the original survey. After completing the necessary retracements the rules of proportionate measurement were applied, or record distance used in the case of no opposite corner, and when duly identified or restored, the corner positions were monumented with iron posts. Only the true line notes, referring to the completed resurvey, are supplied here.

The geographic position of the corner of sections 5, 6, 7 and 8, determined from the information contained on the quadrangle sheets of the U. S. Geological Survey is as follows: Latitude  $33^{\circ} 16' 27.80''$  N. and Longitude  $114^{\circ} 39' 46.66''$  W. The mean magnetic declination was found to be  $14^{\circ}$  E.

The resurvey was executed with W. & L. E. Gurley solar transit No. 541332 and Wild Optical transit, Model T-16, No. 54423, both the property of the Bureau of Land Management. The direction of the lines of the resurvey were determined by reference to true meridians established on line during the field work. The lines were carried forward as transit lines and checked by succeeding observations. The measurements were made with Chicago steel ribbon tapes, eight chains in length. These tapes are graduated every link for the first chain and thereafter at intervals of ten links. They were tested by comparison with a Lufkin standard steel tape, one chain in length, and found to be correct. The measurements were made on the slope, the vertical angle of each interval determined by the use of clinometers, or the transit, and the slope distances properly reduced to horizontal equivalents for use in these notes.

## Dependent Resurvey of the West Boundary of T. 2 S., R. 23 W.

Reestablishment of the surveys executed by John A. Barry in 1902.

The restored cor. of Tps. 1 and 2 S., Rs. 23 and 24 W., is mkd. by an iron post,  $2\frac{1}{2}$  ins. diam., firmly set in the ground and conforming to the record of the dependent resurvey of T. 1 S., R. 23 W., concurrently resurveyed.

Thence

South, record course, on dependent resurvey bet. secs. 1 and 6.

Over level land, along the E. side of an unimproved road, with dense undergrowth and timber on both sides of the road, along an old fence line.

39.92

The cor. of fences bearing N. and E.

Dependent Resurvey of the West Boundary of T. 2 S., R. 23 W.

Chains	
40.00	Record dist.; there being no remaining evidence of the original $\frac{1}{2}$ sec. cor.
	Set an iron post, $2\frac{1}{2}$ ft. long, $2\frac{1}{2}$ ins. diam., 44 ins. in the ground at the restored $\frac{1}{2}$ sec. cor. of secs. 1 and 6, with brass cap mkd.
	T3S R24W R23W
	Deposit broken glass at the base of the iron post, from which a redwood post, 6 ft. long, 4 ins. square, mkd. REF 10 LKS W, set 36 ins. in the ground, bears E. 10 lks. dist.
	Cont. on same line with continuous measurement.
53.20	Slough, 20 ft. wide, 5 ft. deep, drains NW.
60.10	Recross slough, drains NE.
65.50	Record dist. for the original meander cor. of secs. 1 and 6 falls upon nearly level land in dense timber and undergrowth.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground as a witness point, with brass cap mkd.
	T2S R24W R23W
	S1   S6
	6550
	Deposit broken glass at the base of the iron post.
	Land, level bottom land.
	Soil, deep sandy clay.
	Timber, palo fierro, palo verde, cottonwood and mesquite.
	Undergrowth, salt cedar, arrow weed, weeds and grass.

Dependent Resurvey of the Subdivision of T. 2 S., R. 23 W.

	Reestablishment of the surveys executed by John A. Barry in 1902.
	The original cor. of secs. 5, 6, 7 and 8 is mkd. by an iron post, 2 ins. diam., firmly set in the ground, being a remonumentation of this point by the U. S. Bureau of Reclamation in 1935. I remove this post and at the same point.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground, with brass cap mkd.
	T2S R23W
	S6   S5
	S7   S8
	1960

## Dependent Resurvey of the Subdivision of T. 2 S., R. 23 W.

Chains	
	Deposit broken glass at the base of the iron post.
	Thence
	West, record course, on dependent resurvey bet. secs. 6 and 7.
	Over level land, through dense timber and undergrowth.
9.00	Dry slough, 60 ft. wide, 5 ft. deep, drains S.
29.90	E. edge of slough, about 5 ft. deep, bears N. and SE.
34.50	W. edge of slough, bears NW. and SE.; cont. over overflow land.
40.00	Record dist.; there being no remaining evidence of the original $\frac{1}{4}$ sec. cor.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground at the restored $\frac{1}{4}$ sec. cor. of secs. 6 and 7, with brass cap mkd.
	T2S R23W $\frac{1}{4}$ $\frac{S}{S}$ $\frac{6}{7}$ 1960
	Deposit broken glass at the base of the iron post.
	Cont. on same line with continuous measurement.
57.60	Canal, 25 ft. wide, 4 ft. deep, drains NE. from the Colorado River about 23 chs. S. $75^\circ$ W.
68.80	Record dist. for the meander cor. on the left bank of the Colorado River falls on level land in dense undergrowth; there being no remaining evidence of the original cor.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground as a witness point, with brass cap mkd.
	T2S R23W S6 WP — 6880 S7 1960
	Deposit broken glass at the base of the iron post.
	From the above point the witness point established at record dist. from the cor. of Tps. 11 and 12 S., Rs. 23 and 24 W., bears N, $33^\circ 16'$ W, 17.07 chs., dist. 7 chs. dist.
	Land, level bottom land, partially overflowed.
	Timber, mesquite, palo verde, palo fierro.
	Soil, deep sandy clay.
	Undergrowth, salt cedar, arrow weed, bull rushes, weeds and grass.

## Dependent Resurvey of the Subdivision of T. 2 S., R. 23 W.

## Chains

Beginning at the cor. of secs. 5, 6, 7 and 8.

Thence

N. 0° 02' W., on dependent resurvey bet. secs. 5 and 6.

Over level land, through dense timber and undergrowth.

34.80 Draw, drains SW.

36.10 Dim. old road, bears NE. and SW.

40.02 Proportionate dist.; there being no remaining evidence of the original  $\frac{1}{4}$  sec. cor.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground at the restored  $\frac{1}{4}$  sec. cor., with brass cap mkd.

T2S R23W

$\frac{1}{4}$   
S6|S5  
1960

Deposit broken glass at the base of the iron post.

Cont. on same line, with continuous measurement.

54.10 Wash, 30 lks. wide, 3 ft. deep, drains SW.

66.60 Small wash, drains N. 70° W.; cont. over overflow land.

80.04 The cor. of secs. 5, 6, 31 and 32, on the N. bdy. of the Tp., mkd. by an iron post, 2½ ins. diam., firmly set in the ground and conforming to the record of the dependent resurvey of T. 1 S., R. 23 W., concurrently executed.

Land, level bottom land.

Soil, sandy clay.

Timber, mesquite, palo fierro, palo verde.

Undergrowth, salt cedar, arrow weed, weeds and grass.

## GENERAL DESCRIPTION

The land covered by the resurvey consists of level, or nearly level, bottom land of the Colorado River valley. The soil is a deep, sandy clay, excellent for farming. Part of the land in the eastern part of the section is subject to overflow from the irrigation water to the north.

The timber is mainly mesquite, palo verde, palo fierro, locust and cottonwood. It is of no commercial value.

The undergrowth is largely salt cedar, arrow weed, rushes in the lower reaches, weeds and grass. A small portion of the section in the northeast quarter is being cultivated at the present time. There are no habitations in the section. The only roads in the area are unimproved farm roads.



