

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

DEPENDENT RESURVEY

of the

South and West Boundaries

and

SURVEY

of a

Portion of the Subdivisional Lines

of

Section 1

Township 5 South, Range 23 East

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Leonard W. Murphy, Cadastral Surveyor

Under special instructions dated April 23, 19 64, which provided for the surveys
included under Group Number 414, approved April 23, 1964,
and assignment instructions dated December 7, 19 64.

Survey commenced January 26, 19 65

Survey completed February 16, 19 65

11A

BOOK 4850
INDEX DIAGRAM

Township 5 South, Range 23 East

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Subdivision of:

Sec. 1--- Page 3

1.2

Township 5 South, Range 23 East
Gila and Salt River Meridian, Arizona

CHAINS

Township 5 South, Range 23 East, was surveyed in 1875 by T. F. White, as shown on the plat approved January 10, 1876. The northeast corner was reestablished in 1955 by Harding and Chappell in connection with Survey Group No. 297. The east and north boundaries are concurrently being resurveyed under Group No. 414.

The following notes are those of a dependent resurvey of the south and west boundaries of sec. 1, designed to restore the corners according to the best available evidence, and a survey of the subdivisional lines of sec. 1 sufficiently to establish the boundaries of the Federal Lands therein.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions dated April 23, 1964.

Only the true line bearings and horizontal distances for the surveyed lines are given in these notes. Each corner was monumented with a standard iron post, 30 inches long, 2½ inches in diameter, flanged at the base, and with a brass cap riveted to the top.

The geographic position of the southeast corner of sec. 1, as scaled from U.S.G.S. topographic map, Fort Thomas, Ariz., dated 1960, scale 1:62500, is as follows:
Latitude 33°01'11" North and Longitude 109°55'53" West.

The mean magnetic declination was found to be 13½° East.

Dependent Resurvey of the South and West Boundaries
of Section 1, Township 5 South, Range 23 East.

Reestablishment of the Survey Executed by
T. F. White in 1875

Beginning at the cor. of secs. 1, 6, 7 and 12, on the east boundary of the Tp., monumented by a 2½ ins. iron post, set, mkd. and witnessed as described in the field notes of the concurrent resurvey of Sec. 6, T. 5 S., R. 24 E.

N. 89°56' W., bet. secs. 1 and 12.

Over nearly level land, along graded road, bearing E. and W.

39.87

Point for the ¼ sec. cor. of secs. 1 and 12, at proportionate dist.; there is no remaining evidence of the orig. cor.

Set the iron post 6 ins. below the surface of the road, brass cap mkd.

T5S R23E
¼ S 1
S 12
1965

Corner falls in N. edge of graded road, 6 lks. S. of fence, bearing E. and W.

Dep. Res., South and West Boundaries, Sec. 1, T. 5 S., R. 23 E.

CHAINS											
	Continue along N. edge of road, bearing E. and W.										
60.00	Thence over same road.										
79.74	Point for the cor. of secs. 1, 2, 11 and 12, , falls in the center line of a road bearing E. and W., and in line with property line fences to the N. and S. This corner point was shown to me by owners of adjacent land, M. J. Ferguson and Glen Layton, and is accepted as the best remaining evidence of the orig. cor. position.										
	At the cor. point,										
	Set the iron post, 6 ins. below the surface of road, brass cap mkd.										
	<table style="margin-left: auto; margin-right: auto;"> <tr><td>T5S</td><td>R23E</td></tr> <tr><td>S 2</td><td>S 1</td></tr> <tr><td>S11</td><td>S12</td></tr> <tr><td colspan="2" style="text-align: center;">1965</td></tr> </table>	T5S	R23E	S 2	S 1	S11	S12	1965			
T5S	R23E										
S 2	S 1										
S11	S12										
1965											
	from which										
	An iron post set 24 ins. in the ground for a reference monument, bears S. 59° W., 40.9 lks. dist., brass cap mkd. RM S 11 T5S R23E 27.0 FT. 1965, with an arrow pointing to the true cor.										
	An iron post set 24 ins. in the ground for a reference monument, bears N. 58½° W., 40.9 lks. dist., brass cap mkd. RM S2 T5S R23E 27.0 FT. 1965, with an arrow pointing to the true cor.										
	Land, nearly level. Soil, silty loam. Timber, none; undergrowth, none.										
	N. 0°11' E., bet. secs. 1 and 2.										
	Over nearly level cultivated land.										
.30	Fence cor., fences bear E., W. and N. 0°11' E. thence along fence bearing N. 0°11' E.										
20.10	Fence, cor., fences bear E., W. and S. 0°11' W.										
20.40	Road, bladed, bears E. and W.										
39.59	Point selected for the witness ¼ sec. cor. of secs. 1 and 2.										
	Set the iron post 24 ins. in the ground, brass cap mkd.										
	<table style="margin-left: auto; margin-right: auto;"> <tr><td>T5S</td><td>R23E</td></tr> <tr><td>WC</td><td></td></tr> <tr><td>¼</td><td></td></tr> <tr><td>S 2</td><td>S 1</td></tr> <tr><td colspan="2" style="text-align: center;">1965</td></tr> </table>	T5S	R23E	WC		¼		S 2	S 1	1965	
T5S	R23E										
WC											
¼											
S 2	S 1										
1965											
39.94	S. edge of irrigation ditch, bears E. and N. 5° W.										
39.99	True point for the ¼ sec. cor. of secs. 1 and 2, at proportionate dist., falls in irrigation ditch, 9 lks. wide, 3 ft. deep, flowing N. 5° W. from the E.; there is no remaining evidence of the orig. cor.										

Dep. Res., South and West Boundaries, Sec. 1, T. 5 S., R. 23 E.

CHAINS	
40.50	Leave same ditch, flows N. 5° W.
59.99	Point for the N 1/16 sec. cor. of secs. 1 and 2.
	Set the iron post 24 ins. in the ground, brass cap mkd.
	T5S R23E N 1/16 S 2 S 1 1965
72.92	Leave cultivated land, enter dense salt cedar.
79.88	The cor. of secs. 1, 2, 35 and 36, on the N. bdy. of the township, monumented by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of the concurrent resurvey of the S. bdy. of sec. 36, T. 4 S., R. 23 E.
	Land, nearly level. Soil, silty clay loam. Timber, none; undergrowth, salt cedar.
Subdivision of Section 1, T. 5 S., R. 23 E.	
	From the ¼ sec. cor. of secs. 1 and 12.
	N. 0°01' W., on the N. and S. center line of sec. 1.
	Over nearly level cultivated land.
.06	Fence, bears E. and W.
20.00	Point for the CS 1/16 sec. cor. of sec. 1.
	Set the iron post 24 ins. in the ground, brass cap mkd.
	T5S R23E CS 1/16 S 1 1965
	Set a post, 4 ins. square, 6 ft. long, 2 ft. in the ground, alongside the iron post as a guard stake.
22.00	Leave cultivated land, enter dense salt cedar.
33.80	The left bank of the Gila River, 6 ft. high, bears S. 60° E. and N. 60° W.
36.80	The right bank of the Gila River, 6 ft. high, bears same as left bank.
39.99	Point for the center ¼ sec. cor. of sec. 1, at the intersection with the E. and W. centerline of section 1.
	Set the iron post 24 ins. in the ground, brass cap mkd.
	T5S R23E C ¼ S 1 1965
59.98	Point for the CN 1/16 sec. cor. of sec. 1.
	Set the iron post 24 ins. in the ground, brass cap mkd.

Subdivision of Sec. 1, T. 5 S., R. 23 E.

CHAINS	
	<p>T5S R23E CN 1/16 S 1 1965</p> <p>Raise a mound of stone W. of the iron post.</p> <p>Leave bottom land and undergrowth.</p>
61.10	Graded road, bears S. 60° E. and N. 60° W.
65.00	Ascend steep S. slope.
79.92	<p>The ¼ sec. cor. of secs. 1 and 36, on the N. bdy. of the Tp., monumented by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of the concurrent resurvey of the S. bdy. of sec. 36, T. 4 S., R. 23 E.</p> <p>Land, nearly level in S. 60 chs. and rolling on remainder. Soil, silty loam in S. 40 chs. and gravelly loam on remainder. Timber, none. Undergrowth, salt cedar and creosote brush.</p>
	<p>From the ¼ sec. cor. of secs. 1 and 6, on the E. bdy. of the Tp., monumented by an iron post, 2½ ins. in diam., set, mkd. and witnessed as described in the field notes of the concurrent resurvey of sec. 6, T. 5 S., R. 24 E.</p> <p>N. 89°57' W., on the E. and W. center line of sec. 1.</p> <p>Over rolling land, through moderate creosote undergrowth.</p>
2.50	Graded road, bears S. 51° E. and N. 51° W.
4.50	Enter nearly level land, through dense salt cedar brush.
39.75	The center ¼ sec. cor. of sec. 1.
50.00	The right bank of the Gila River, 6 ft. high, bears S. 3° E. and N. 3° W.
52.50	The left bank of the Gila River, 6 ft. high, bears S. 3° E. and N. 3° W.
59.62	<p>Point for the CW 1/16 sec. cor. of sec. 1.</p> <p>Set the iron post 24 ins. in the ground, brass cap mkd.</p>
	<p>T5S R23E CW 1/16 S 1 1965</p>
79.50	<p>The true point for the ¼ sec. cor. of secs. 1 and 2.</p> <p>Land, nearly level. Soil, silty clay loam. Timber, none. Undergrowth, salt cedar and creosote bush.</p>
	Subdivision of the SE¼ of Sec. 1, T. 5 S., R. 23 E.
	From the S 1/16 sec. cor. of secs. 1 and 6, monumented

Subdivision of the SE $\frac{1}{4}$ of Sec. 1, T. 5 S., R. 23 E.

CHAINS	
	<p>by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of the concurrent resurvey of sec. 6, T. 5 S., R. 24 E.</p> <p>N. 89°57' W., on the E. and W. center line of the SE$\frac{1}{4}$ of sec. 1.</p> <p>Over nearly level land, through dense salt cedar undergrowth.</p>
32.00	Leave dense undergrowth.
39.82	The CS 1/16 sec. cor. of sec. 1.
Subdivision of the NW $\frac{1}{4}$ of Sec. 1, T. 5 S., R. 23 E.	
	<p>From the CW 1/16 sec. cor. of sec. 1.</p> <p>N. 0°06' E., on the N. and S. centerline of the NW$\frac{1}{4}$ of sec. 1.</p> <p>Over nearly level land, through dense salt cedar.</p>
19.99	<p>Point for the NW 1/16 sec. cor. of sec. 1, at the intersection with the E. and W. centerline of the NW$\frac{1}{4}$ of sec. 1.</p> <p>Set the iron post 24 ins. in the ground, brass cap mkd.</p> <p style="text-align: center;">T5S R23E NW 1/16 S 1 1965</p> <p>The iron post is set in dense undergrowth.</p>
22.00	The left bank of the Gila River, 7 ft. high, bears S. 15° E. and N. 15° W.
27.00	The right bank of the Gila River, 6 ft. high, bears S. 15° E. and N. 15° W.
39.91	The W 1/16 sec. cor. of secs. 1 and 36, on the N. bdy. of the Tp., monumented by an iron post, 2½ ins. diam., set mkd. and witnessed as described in the field notes of the concurrent resurvey of sec. 36, T. 4 S., R. 23 E.
	<p>From the CN 1/16 sec. cor. of sec. 1.</p> <p>N. 89°58' W., on the E. and W. center line of the NW$\frac{1}{4}$ of sec. 1.</p> <p>Over nearly level land, through dense undergrowth.</p>
16.10	The right bank of the Gila River, 5 ft. high, bears S. 15° E. and N. 15° W.
19.10	The left bank of the Gila River, 7 ft. high, bears S. 15° E. and N. 15° W.
19.85	The NW 1/16 sec. cor. of sec. 1.
39.70	The N 1/16 sec. cor. of secs. 1 and 2.

Township 5 South, Range 23 East
Gila and Salt River Meridian, Arizona

CHAINS	General Description
	<p>Most of the land in sec. 1, Township 5 South, Range 23 East, is nearly level, except the NE$\frac{1}{4}$, which is rolling and broken. The land south of the Gila River is alluvial silt and is mostly under cultivation. The Gila River no longer follows the channel as shown on the latest U. S. Geological Survey Quadrangle for this area, but has been channeled by an owner of adjacent land through the NE. cor. of the SW$\frac{1}{4}$ of sec. 1.</p> <p>No buildings or mining activity were noted during the course of the survey.</p>

BOOK 4850

CERTIFICATE OF SURVEY

I, Leonard W. Murphy, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 23d day of April, 19 64, I have dependently resurveyed the west and south boundaries, and surveyed a portion of the subdivisional lines of section 1 of Township 5 South, Range 23 East,

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 said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

May 5, 1965
(Date)

Leonard W. Murphy
(Cadastral Surveyor)

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

SUBMITTED FOR APPROVAL
Date SEP 26 1969

BUREAU OF LAND MANAGEMENT,
Washington, D. C.

The foregoing field notes of the dependent resurvey of the west and south boundaries, and survey of a portion of the subdivisional lines of section 1 of Township 5 South, Range 23 East, Gila and Salt River Meridian, Arizona,

executed by Leonard W. Murphy, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

MAY 15 1970
(Date)

Clark I. Linn
(Chief, Division of Cadastral Survey)

~~CERTIFICATE OF TRANSCRIPT~~

~~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.~~

~~(Date)~~

~~(Chief, Division of Engineering)~~