

Form 9180-6
(March 1977)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE
DEPENDENT RESURVEY OF A PORTION
OF THE SUBDIVISIONAL LINES,
AND
THE SURVEY OF A PORTION OF THE
SUBDIVISION LINES WITHIN SECTION 6
TOWNSHIP 11 SOUTH, RANGE 24 WEST,

Of the GILA AND SALT RIVER Meridian,
In the State of ARIZONA

EXECUTED BY

RAY HARPIN CADASTRAL SURVEYOR

Under special instructions dated JANUARY 7, 1972, approved JANUARY 20, 1972,

_____, which provided for the surveys included under ~~U.S. Survey~~/Group
Number 543, and assignment instructions dated JANUARY 7, 1972.

Survey commenced FEBRUARY 25, 1972

Survey completed MAY 7, 1973

1A

BOOK 5 106

INDEX DIAGRAM

Township 11 SOUTH, Range 24 WEST

6 3 1	5	4	3	2	1
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Survey of a portion of the subdivision lines of section 6,
beginning on page . . . 5.

1B

Township 11 South, Range 24 West
Gila and Salt River Meridian, Arizona

CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines and the survey of a portion of the subdivision lines within section 6, Township 11 South, Range 24 West, of the Gila and Salt River Meridian, Arizona.

History of Previous Surveys: The north boundary of the township was originally surveyed by Theodore F. White, U. S. Deputy Surveyor, in 1874; as described in the official field-note record of the south boundary of Tp. 10 S., R. 24 W., and shown upon the official plat of that township, examined and approved April 18, 1874. The west boundary and a portion of the subdivisional lines were surveyed by William H. Elliott, U. S. Deputy Surveyor, in 1905, as shown upon the official plat examined and approved May 12, 1909. A portion of the north boundary and the fifth meridional line (the east boundary of section 6) were resurveyed; the east boundary and a portion of the subdivisional lines were surveyed by William H. Thorn, U. S. Cadastral Engineer and William D. Wilson, Temporary U. S. Transitman, in 1920, as shown upon the official plat examined and approved August 20, 1921. The north boundary of section 6 was dependently resurveyed as described in the official field-note record of the south boundary of section 31, Tp. 10 S., R. 24 W., executed concurrently with this group. The west boundary of section 6 was dependently resurveyed as described in the official field-note record of east boundary of section 1, Tp. 11 S., R 25 W., executed concurrently with this group.

The dependent resurvey and survey were executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947 Edition, and the Special Instructions dated January 7, 1972.

The direction of all lines of these surveys were determined from direct altitude observations on the sun for azimuth, and these directions refer to the true meridian. The lines were carried forward by normal transit traverse. Distances are expressed in chains.

The geographic position of the southeast corner of section 6, determined by scaling from a U. S. Geological Survey Quadrangle Map, 7½ minute series "Gadsden Arizona, 1965," is as follows: Latitude 32° 29.7' N. and Longitude 114° 45.1' W. The mean magnetic declination is 14° East.

Dependent Resurvey of a Portion of the
Subdivisional Lines
Township 11 South, Range 24 West
Gila and Salt River Meridian, Arizona

Beginning at the corner of secs. 6 and 7, and is located on the fifth meridional line. Which is monumented with an iron post, 2 ins. in diam., with regulation General Land Office brass cap 7 ins. below the surface of the road, mkd.

Dependent Resurvey of a Portion of the Subdivisional Lines
 Township 11 South, Range 24 West
 Gila and Salt River Meridian, Arizona

CHAINS

T11S	S 8
S 6	
S 7	
R24W	

1920

The above corner was reestablished and described in the official field-note record of the dependent resurvey of the fifth meridional line through this fractional township, executed by William H. Thorn, U. S. Cadastral Engineer, in 1920.

Restoring the Survey Executed by
 William H. Elliott U. S. Deputy Surveyor, in 1905

S. 89° 49' W., between secs. 6 and 7

Over nearly level land, along the center line of a road.

19.99 The point for the east 1/16 sec. cor of secs. 6 and 7

Set an iron post, 28 ins. long, 2½ ins. in diam., with brass cap 6 ins. below the surface of the road, mkd.

E 1/16 $\frac{S\ 6}{S\ 7}$

1972

There are no suitable accessories nor locations available for reference monuments.

39.98 The 1/4 sec. cor. of secs. 6 and 7 is marked with an iron pipe, of undetermined length, 1¼ ins. in diam., with the top 7 ins. below the surface of the road, and is accepted as the best available evidence of the position of the original corner.

At the corner point

Set an iron post, 28 ins. long, 2½ ins. in diam., over the above corner marker, with brass cap 5 ins. below the surface of the road, mkd.

T11S R24W
 1/4 $\frac{S\ 6}{S\ 7}$

1972

There are no suitable accessories nor locations available for reference monuments.

S. 89° 46' W., beginning new measurement

Dependent Resurvey of a Portion of the Subdivisional Lines
 Township 11 South, Range 24 West
 Gila and Salt River Meridian, Arizona

CHAINS	
20.03	<p>The point for the west 1/16 sec. cor of secs. 6 and 7</p> <p>Set an iron post, 28 ins. long, 2½ ins. in diam., with brass cap 6 ins. below the surface of the ground, mkd.</p> $W \frac{1}{16} \frac{S \ 6}{S \ 7}$ <p>1972</p> <p>There are no suitable accessories nor locations available for reference monuments.</p>
40.06	<p>The corner of secs. 1, 6, 7, and 12 on the west boundary of the township, which is marked with an iron pipe, 2 ins. in diam., set, marked, and accepted as described in the official field-note record of the dependent resurvey of a portion of the east boundary of Tp. 11 S., R. 25 W., executed concurrently with this group.</p>
<p>Restoring the Resurvey Executed by William H. Thorn, U. S. Cadastral Engineer, in 1920</p>	
<p>From the corner of secs. 6 and 7, is located on the fifth meridional line, heretofore described.</p>	
<p>N. 0° 43' W., along the east boundary of sec. 6.</p>	
<p>Over nearly level land.</p>	
2.09	<p>The closing corner of secs. 5 and 8 is monumented with an iron post, 2 ins. in diam., firmly set, projecting 10 ins. above the surface of the ground, with regulation General Land Office brass cap mkd.</p>
$T11S \ R24W$ $\begin{array}{c} S \ 5 \ C \\ S \ 8 \ C \end{array}$	
<p>1920</p>	
20.11	<p>The point for the south (east) 1/16 sec. cor of sec. 6</p> <p>Set an iron post, 28 ins. long, 2½ ins. in diam., 23 ins. in the ground, with brass cap mkd.</p>
$S \ \frac{1}{16} \left \begin{array}{c} \\ S \ 6 \end{array} \right $	
<p>1972</p>	
22.10	<p>The point for the south (west) 1/16 sec. cor. of sec. 5</p> <p>Set an iron post, 28 ins. long, 2½ ins. in diam., 25 ins. in the ground, with brass cap mkd.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines
 Township 11 South, Range 24 West
 Gila and Salt River Meridian, Arizona

CHAINS											
40.22	<div style="text-align: center;"> <table border="0"> <tr> <td style="border-right: 1px solid black; padding-right: 5px;">S 1/16</td> <td></td> </tr> <tr> <td style="border-right: 1px solid black; padding-right: 5px;">S 5</td> <td></td> </tr> </table> <p>1972</p> <p>The east 1/4 sec. cor. of sec. 6 is monumented with an iron post, 1-inch in diam., firmly set, projecting 11 ins. above the surface of the ground, with regulation General Land Office brass cap mkd.</p> <div style="text-align: center;"> <table border="0"> <tr> <td style="border-right: 1px solid black; padding-right: 5px;">1/4</td> <td></td> </tr> <tr> <td style="border-right: 1px solid black; padding-right: 5px;">S 6</td> <td></td> </tr> </table> <p>1920</p> </div> </div>	S 1/16		S 5		1/4		S 6			
S 1/16											
S 5											
1/4											
S 6											
1.89	<p>N. 0° 04' W., beginning new measurement</p> <p>The point for the west 1/4 sec. cor. of sec. 5, which is determined at proportionate distance; there is no evidence of the original corner.</p> <p>Set an iron post, 28 ins. long, 2½ ins. in diam., 23 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <table border="0"> <tr> <td style="border-right: 1px solid black; padding-right: 5px;">T11S</td> <td></td> </tr> <tr> <td style="border-right: 1px solid black; padding-right: 5px;">1/4</td> <td></td> </tr> <tr> <td style="border-right: 1px solid black; padding-right: 5px;">S 5</td> <td></td> </tr> <tr> <td style="border-right: 1px solid black; padding-right: 5px;">R24W</td> <td></td> </tr> </table> <p>1972</p> </div>	T11S		1/4		S 5		R24W			
T11S											
1/4											
S 5											
R24W											
40.10	<div style="text-align: center;"> <table border="0"> <tr> <td>T10S</td> <td>R24W</td> </tr> <tr> <td>S 31</td> <td>S 32</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black;"></td> </tr> <tr> <td>S 6</td> <td>S 5</td> </tr> <tr> <td colspan="2">T11S</td> </tr> </table> <p>1920</p> <p>The above corner monument was reestablished and described by William H. Thorn, U. S. Cadastral Engineer in the dependent resurvey of a portion of the north boundary of this township, in 1920. The corner is as described in the field-note record of the dependent resurvey of a portion of the south boundary of Tp. 10 S., R. 24 W., executed concurrently with this group.</p> </div>	T10S	R24W	S 31	S 32			S 6	S 5	T11S	
T10S	R24W										
S 31	S 32										
S 6	S 5										
T11S											

Survey of a Portion of the Subdivision Lines
 Within Section 6
 Township 11 South, Range 24 West
 Gila and Salt River Meridian, Arizona

CHAINS		
	<p>From the 1/4 sec. cor. of secs. 6 and 7, heretofore described.</p>	
	<p>N. 0° 26.5' W., on the north and south center line of section 6.</p>	
19.985	<p>The point for the center-south 1/16 sec. cor of sec. 6</p> <p>Set an iron post, 28 ins. long, 2½ ins. in diam., 25 ins. in the ground, with brass cap mkd.</p>	
	<p style="text-align: center;">C S 1/16 S 6</p>	
	<p style="text-align: center;">1972</p>	
30.761	<p>The point for the corner of lots 7 and 8 of section 6, which is determined at 55 ft. distance perpendicular to the center line of the East Main Canal.</p> <p>Set an iron post, 28 ins. long, 2½ ins. in diam., 25 ins. in the ground, with brass cap mkd.</p>	
	<p style="text-align: center;">T11S R24W</p>	
	<p style="text-align: center;">C</p>	
	<p style="text-align: center;">S 6</p>	
	<p style="text-align: center;"> LOT</p>	
	<p style="text-align: center;"> 7</p>	
	<p style="text-align: center;"> LOT 8</p>	
	<p style="text-align: center;">C</p>	
	<p style="text-align: center;">1973</p>	
	<p>A railroad track rail, 5 ft. long, set 3 ft. in the ground, along the south side of the corner.</p>	
31.36	<p>The left bank of the East Main Canal, flows S. 58° 08' W.</p>	
32.02	<p>The right bank of the East Main Canal.</p>	
32.476	<p>The point for a 1/1024 sec. cor. of sec. 6</p> <p>Set an iron post, 28 ins. long, 2½ ins. in diam., 25 ins. in the ground, with brass cap mkd.</p>	
	<p style="text-align: center;">1/1024 S 6</p>	
	<p style="text-align: center;">1972</p>	
39.97	<p>Intersect the east and west center line, the point for the center 1/4 sec. cor. of sec. 6. The adjacent landowner did not grant permission to monument this corner point or to establish a witness corner thereto.</p>	
80.44	<p>The 1/4 sec. cor of secs. 6 and 31 on the north boundary of the township. Which is marked with an iron pipe, 2 ins. in diam., set, marked, and accepted as described in the official field-note record of the dependent resurvey of a portion of the south boundary of Tp. 10 S., R. 24 W., executed concurrently with this group.</p>	

Survey of a Portion of the Subdivision Lines
 Within Section 6
 Township 11 South, Range 24 West
 Gila and Salt River Meridian, Arizona

CHAINS		
	<p>From the east 1/4 sec. cor. of sec. 6, and is located on the fifth meridional line, heretofore described.</p>	
	<p>S. 89° 25' W., on the east and west center line of sec. 6</p>	
19.90	<p>The point for the center-east 1/16 sec. cor of sec. 6</p>	
	<p>Set an iron post, 28 ins. long, 2½ ins. in diam., 23 ins. in the ground, with brass cap mkd.</p>	
	<p style="text-align: center;">C E 1/16 S 6</p>	
	<p style="text-align: center;">1972</p>	
30.30	<p>Bench, bears northeast and southwest, descend over rolling northwest slope.</p>	
31.925	<p>The point for the corner of lots 8 and 9 of section 6, which is determined at 55 ft. distance perpendicular to the center line of the East Main Canal.</p>	
	<p>Set an iron post, 28 ins. long, 2½ ins. in diam., 25 ins. in the ground, with brass cap mkd.</p>	
	<p style="text-align: center;">T11S R24W S 6</p>	
	<p style="text-align: center;">C ————— C L 9 / L 8</p>	
	<p style="text-align: center;">1973</p>	
	<p>A railroad track rail, 5 ft. long, set 3 ft. in the ground, along the east side of the corner.</p>	
32.34	<p>The point for a 1/1024 sec. cor. of sec. 6</p>	
	<p>Set an iron post, 28 ins. long, 2½ ins. in diam., with brass cap 7 ins. below the surface of a roadway, mkd.</p>	
	<p style="text-align: center;">1/1024 S 6</p>	
	<p style="text-align: center;">1972</p>	
	<p>from which</p>	
	<p style="padding-left: 40px;">An iron post, 28 ins. long, 2½ ins. in diam., set 23 ins. in the ground, for a reference monument, bears N. 89° 25' E., 43.2 ft. distant, with brass cap mkd. RM T11S R24W S6 43.2 FT 1972, and an arrow pointing to the corner.</p>	
32.46	<p>The left bank of the East Main Canal, flows S. 24° 56' W.</p>	
33.16	<p>The right bank of the East Main Canal; thence, over nearly level land.</p>	
39.80	<p>Intersect the north and south center line, the center 1/4 sec. cor. of sec. 6, heretofore described.</p>	

Survey of a Portion of the Subdivision Lines
Within Section 6
Township 11 South, Range 24 West
Gila and Salt River Meridian, Arizona

CHAINS	
79.89	<p>The 1/4 sec. cor. of secs. 1 and 6 on the west boundary of the township, which is monumented with an iron post, 2½ ins. in diam., set and marked as described in the official field-note record of the dependent resurvey of a portion of the east boundary of Tp. 11 S., R 25 W., executed concurrently with this group.</p>
	<p>From the center-east 1/16 sec. cor of sec. 6, heretofore described.</p> <p>N. 0° 15' W., on the north and south center line of the northeast quarter of sec. 6.</p>
40.30	<p>The east 1/16 sec. cor of secs. 6 and 31 on the north boundary of the township, which is monumented with an iron post, 2½ ins. in diam., set and marked as described in the official field-note record of the dependent resurvey of a portion of the south boundary of Tp. 10 S., R. 24 W., executed concurrently with this group.</p> <p>Discontinue the regular order of survey at this corner.</p>
	<p>From the center-south 1/16 sec. cor. of sec. 6, heretofore described.</p> <p>S. 89° 35' W., on the east and west center line of the southwest quarter of sec. 6.</p>
40.08	<p>The south 1/16 sec. cor of secs. 1 and 6 on the west boundary of the township, which is monumented with an iron post, 2½ ins. in diam., set and marked as described in the official field-note record of the dependent resurvey of a portion of the east boundary of Tp. 11 S., R. 25 W., executed concurrently with this group.</p> <p>Discontinue the regular order of survey at this corner.</p>
	<p>From the east 1/16 sec. cor of secs. 6 and 7, heretofore described.</p> <p>N. 0° 34.5' W., on the north and south center line of the southeast quarter of sec. 6</p>
20.045	<p>Intersect the east and west center line of the southeast quarter, the point for the southeast 1/16 sec. cor. of sec. 6.</p> <p>Set an iron post, 28 ins. long, 2½ ins. in diam., 23 ins. in the ground, with brass cap mkd.</p>

Survey of a Portion of the Subdivision Lines
 Within Section 6
 Township 11 South, Range 24 West
 Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">SE 1/16 S 6 1972</p>
40.09	<p>Intersect the east and west center line, the center-east 1/16 sec. cor of sec. 6, heretofore described.</p>
	<p>From the south (east) 1/16 sec. cor of sec. 6, and is located on the fifth meridional line, heretofore described.</p>
	<p>S. 89° 37' W., on the east and west center line of the southeast quarter of sec. 6</p>
19.945	<p>Intersect the north and south center line of the southeast quarter, the southeast 1/16 sec. cor of sec. 6, heretofore described.</p>
39.89	<p>Intersect the north and south center line, the center-south 1/16 sec. cor. of sec. 6, heretofore described.</p>
	<p>Discontinue the regular order of survey at this corner.</p>
	<p>From the 1/1024 sec. cor of sec. 6, and is located on the north and south center line of sec. 6, heretofore described.</p>
	<p>N. 89° 29.5' E., on an east and west 1/1024 subdivision line within the NW¼ - NW¼ - SE¼ of section 6</p>
1.88	<p>The left bank of the East Main Canal, flows S. 58° 08' W.</p>
2.815	<p>The point for the corner of lots 7 and 8 of section 6, which is determined at 55 ft. distance perpendicular to the center line of the East Main Canal.</p>
	<p>Set an iron post, 28 ins. long, 2½ ins. in diam., 25 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">T11S R24W S 6 ----- LOT 7 / LOT 8 1973</p>
	<p>A railroad track rail, 5 ft. long, set 3 ft. in the ground, along the west side of the corner.</p>
4.98	<p>The calculated position, the point for a 1/1024 sec. cor. of sec. 6</p>
	<p>Set an iron post, 28 ins. long, 2½ ins. in diam., 25 ins. in the ground, with brass cap mkd.</p>

Survey of a Portion of the Subdivision Lines
 Within Section 6
 Township 11 South, Range 24 West
 Gila and Salt River Meridian, Arizona

CHAINS

1/1024
 S 6

1972

Thence,

N. 0° 28.5' W., on the north and south center line of the
 NW¹/₄ - NW¹/₄ - SE¹/₄ of sec. 6

2.50 The calculated position, the point for the NW-NW-SE 1/256
 sec. cor. of sec. 6

Set an iron post, 28 ins. long, 2½ ins. in diam., 25 ins.
 in the ground, with brass cap mkd.

NW NW SE 1/256
 S 6

1972

Thence,

N. 89° 28' E., on the east and west center line of the
 NW¹/₄ - NW¹/₄ - SE¹/₄ of sec. 6

2.49 The calculated position, the point for a 1/1024 sec. cor.
 of sec. 6

Set an iron post, 28 ins. long, 2½ ins. in diam., 25 ins.
 in the ground, with brass cap mkd.

1/1024
 S 6

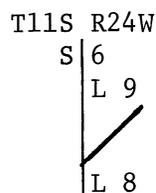
1972

Thence,

N. 0° 29.5' W., on a north and south 1/1024 subdivision
 line within the NW¹/₄ - NW¹/₄ - SE¹/₄ of section 6

4.135 The point for the corner of lots 8 and 9 of section 6,
 which is determined at 55 ft. distance perpendicular to
 the center line of the East Main Canal

Set an iron post, 28 ins. long, 2½ ins. in diam., 25 ins.
 in the ground, with brass cap mkd.



1973

Survey of a Portion of the Subdivision Lines
 Within Section 6
 Township 11 South, Range 24 West
 Gila and Salt River Meridian, Arizona

CHAINS	
	<p>A railroad track rail, 5 ft. long, set 3 ft. in the ground along the east side of the corner.</p>
5.005	<p>Intersect the east and west center line, the 1/1024 sec. cor. of sec. 6, heretofore described.</p>
3.30	<p>From the corner of lots 7 and 8 of section 6, and is located on the north and south center line of sec. 6, heretofore described.</p> <p>N. 58° 08' E., between lots 7 and 8 of section 6</p> <p>The corner of lots 7 and 8 of section 6, and is located on an east and west 1/1024 subdivision line within the NW$\frac{1}{4}$ - NW$\frac{1}{4}$ - SE$\frac{1}{4}$ of section 6, heretofore described.</p>
0.965	<p>From the corner of lots 8 and 9 of section 6, and is located on the east and west center line of sec. 6, heretofore described.</p> <p>S. 24° 56' W., between lots 8 and 9 of section 6</p> <p>The corner of lots 8 and 9 of section 6, and is located on a north and south 1/1024 subdivision line within the NW$\frac{1}{4}$ - NW$\frac{1}{4}$ - SE$\frac{1}{4}$ of section 6, heretofore described.</p>
<p>GENERAL DESCRIPTION</p>	
<p>The land area within these surveys is nearly level. The soil consists of sandy clay loam, and for the most part the area is under cultivation, except for the federally controlled lands which are undeveloped; with mesquite trees and creosote brush (shrub) growth.</p>	
<p>Improvements located throughout the area, are: The East Main Canal meanders through the area, generally along the toe of a well-defined bench; Yuma county, and farm roads; numerous canals and laterals for irrigation and/or drainage purposes.</p>	

Form 9180-8
(March 1969)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Glenn F. Goodson	Cadastral Surveyor
Everett E. Gorgen	Surveying Aid
Henry X. Frank	Surveying Aid
Caleb C. Costin	Surveying Aid
Jerome A. McKay	Surveying Aid
Bruce C. McDonald	Surveying Aid
Victor E. Templeton	Surveying Aid

CERTIFICATE OF SURVEY

(I) ~~(We)~~, Ray Harpin, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 7th day of January, 1972, (I) ~~(We)~~ have dependently resurveyed a portion of the subdivisional lines; and surveyed a portion of the subdivision lines within section 6, Township 11 South, Range 24 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), ~~(us)~~ and under (my) ~~(our)~~ 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 28, 1978
(Date)



(Cadastral Surveyor)

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT

~~Washington, D.C.~~

Denver, Colorado

Denver, Colorado

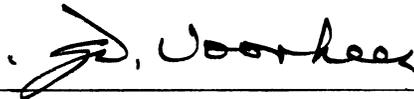
The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines; and the survey of a portion of the subdivision lines within section 6, Township 11 South, Range 24 West, of the Gila and Salt River Meridian, Arizona.

executed by Ray Harpin, Cadastral Surveyor

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

JAN 21 1980

(Date)



(Chief, Division of Cadastral Survey)

Chief, Cadastral Survey Examination and Approval Staff

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 Cadastral Survey) GPO 849-626