

FIELD NOTES

01

OF THE

DEPENDENT RESURVEY OF PORTIONS OF THE

SOUTH AND WEST BOUNDARIES

AND

SUBDIVISIONAL LINES

AND

THE SURVEY OF THE 5 MILE DIAGONAL LINE THRU CERTAIN SECTIONS,

TOWNSHIP 10 SOUTH, RANGE 23 WEST

Of the GILA AND SALT RIVER Meridian,

In the State of ARIZONA

EXECUTED BY

PAUL L. REEVES

CADASTRAL SURVEYOR

Under special instructions dated NOVEMBER 12, 19 80, approved NOVEMBER 14, 1980,

, which provided for the surveys included under U.S. Survey/Group  
Number 621, and assignment instructions dated NOVEMBER 14, 19 80.

Survey commenced NOVEMBER 18, 19 80

Survey completed DECEMBER 15, 19 80

# INDEX DIAGRAM

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T. 10 S., R. 23 W., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of portions of the south and west boundaries and subdivisional lines, and a survey of the 5 Mile Diagonal Line through certain sections of Township 10 South, Range 23 West, Gila and Salt River Meridian, Arizona.

The boundaries and subdivisional lines were surveyed by Theodore F. White in 1874. The south boundary was resurveyed by William H. Thorn and William D. Wilson in 1920.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 621, Arizona, dated November 12, 1980.

Preliminary to the resurvey the lines of the previous surveys were retraced and search was made for all corners and other calls of the record. Identified corners were remonumented in their original positions; lost corners were restored and monumented at proportionate positions based on the official record. The retracement data were thoroughly verified and only the true line field notes are given herein.

The direction of the lines of this survey was determined by altitude observations on the sun and refer to the true meridian. Distances were measured with a Hewlett Packard 3820 A Total Station.

The geographic position of the corner of sections 34 and 35 only, on the south boundary of the township established by the U.S. Geological Survey in 1964, is as follows:

Latitude 32°30'31.732" N Longitude 114°35'46.004" W

The mean magnetic declination is 14°00' E.

Dependent Resurvey of a Portion of the South Boundary,  
T. 10 S., R. 23 W., Gila and Salt River Meridian, Arizona

(Restoring the 1920 resurvey by William H. Thorn and  
William D. Wilson.)

Beginning at the cor. of secs. 34 and 35 only, monumented with an iron post, 2 ins. diam., projecting 5 ins. above the ground, with brass cap mkd.

T10S R23W  
S34|S35  
1920

Remark the brass cap to read

T10S R23W  
S34|S35  
S 3  
T11S  
1980  
1920

Dependent Resurvey of a Portion of the South Boundary,  
T. 10 S., R. 23 W., Gila and Salt River Meridian, Arizona

CHAINS		
	<p>S. 89°23' W., on the S bdy. of sec. 34.</p> <p>Over gently rolling land through scattered creosote and sagebrush.</p> <p>39.29 Point for the 1/4 sec. cor. of sec. 3 only, T. 11 S., R. 23 W., at proportionate dist. An iron post, 36 ins. long, 1 in. diam., was found lying on top of the ground, with brass cap mkd.</p> <p style="text-align: center;"><u>1/4 S 3</u> 1920</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 28 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T10S R23W <u>1/4 S 3</u> T11S R23W 1980</p> <p>Deposit the original iron post alongside the cor.</p> <p>Set a steel fence post alongside the cor.</p> <p>Cor. is located in S edge of an E and W track road.</p>	
40.465	<p>The witness point, of secs. 3 and 34, at intersection with the 5 Mile Diagonal Line, described in the field notes of the survey of the 5 Mile Diagonal Line through certain sections of T. 11 S., R. 23 W., of this assignment.</p> <p>From this point the 2½ Mile Cor. on the 5 Mile Diagonal Line, bears S. 70°24' E., 13.58 chs. dist., described in the field notes of the survey of the 5 Mile Diagonal Line through certain sections of T. 11 S., R. 23 W., of this assignment.</p>	
40.53	<p>The 1/4 sec. cor. of sec. 34 only, monumented with an iron post, 1 in. diam., projecting 14 ins. above the ground, with brass cap mkd.</p> <p style="text-align: center;"><u>1/4 S34</u> 1920</p> <p>Remark the brass cap to read</p> <p style="text-align: center;">T10S R23W <u>1/4 S34</u> T11S R23W 1980 1920</p> <p>From this cor. a Bureau of Reclamation Bench Mark, bears N. 60°12' E., 80.8 lks. dist., monumented with a brass tablet, 3 ins. diam., set in a concrete base, 8 ins. diam., flush with the ground, mkd. 1963 232 ft. 10 LHL.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 88°29' W., beginning new measurement.</p>	

Dependent Resurvey of a Portion of the South Boundary,  
T. 10 S., R. 23 W., Gila and Salt River Meridian, Arizona

CHAINS

38.77 The cor. of secs. 3 and 4 only, T. 11 S., R. 23 W., monumented with an iron post, 2 ins. diam., projecting 12 ins. above the ground, with brass cap mkd.

$$\begin{array}{r} \hline S\ 4\ | S\ 3 \\ T11S\ R23W \\ 1920 \end{array}$$

Remark the brass cap to read

$$\begin{array}{r} T10S\ R23W \\ S34 \\ \hline S\ 4\ | S\ 3 \\ T11S\ R23W \\ 1980 \\ 1920 \end{array}$$

Cor. is located 15 lks. N of an E and W track road.

40.08 The cor. of secs. 33 and 34 only, monumented with an iron post, 2 ins. diam., projecting 14 ins. above the ground, with brass cap mkd.

$$\begin{array}{r} T10S\ R23W \\ S33\ | S34 \\ \hline 1920 \end{array}$$

The cor. has a 4 x 4 in. wooden post, alongside, projecting 24 ins. above the ground, mkd. S34 on NE and T11S R23 S33 on SW.

Remark the brass cap to read

$$\begin{array}{r} T10S\ R23W \\ S33\ | S34 \\ S\ 4 \\ T11S\ R23W \\ 1980 \\ 1920 \end{array}$$

Cor. is located 15 lks. N of a track road, bears E and W.

S. 89°49' W., on the S boundary of sec. 33.

Over nearly level land, through scattered creosote and medium sagebrush, along a track road.

38.69 The 1/4 sec. cor. of sec. 4 only, T. 11 S., R. 23 W., monumented with an iron post, 1 in. diam., projecting 8 ins. above the ground, with brass cap mkd.

$$\begin{array}{r} \hline 1/4\ S\ 4 \\ 1920 \end{array}$$

Remark the brass cap to read

$$\begin{array}{r} T10S\ R23W \\ \hline 1/4\ S\ 4 \\ T11S\ R23W \\ 1980 \\ 1920 \end{array}$$

Cor. is located 140 lks. S of an E and W track road.

Dependent Resurvey of a Portion of the South Boundary,  
T. 10 S., R. 23 W., Gila and Salt River Meridian, Arizona

CHAINS

40.14 The 1/4 sec. cor. of sec. 33 only, monumented with an iron post, 1 in. diam., projecting 8 ins. above the ground, with brass cap mkd.

1/4 S33  
1920

The cor. has a 4 x 4 in. wooden post, projecting 12 ins. above the ground alongside, mkd. 1/4 S33 on N.

Remark the brass cap to read

T10S R23W  
1/4 S33  
T11S R23W  
1980  
1920

S. 89°47' W., beginning new measurement.

38.55 The cor. of secs. 4 and 5 only, T. 11 S., R. 23 W., monumented with an iron post, 2 ins. diam., projecting 12 ins. above the ground, with brass cap mkd.

T11S | R23W  
S 4 | S 3  
1920

Remark the brass cap to read

T10S R23W  
S33  
S 5 | S 4  
T11S R23W  
1980  
1920

40.16 The cor. of secs. 32 and 33 only, monumented an iron post, 2 ins. diam., projecting 7 ins. above the ground, with brass cap mkd.

T10S  
S32 | S33  
R23W  
1920

Remark the brass cap to read

T10S R23W  
S32 | S33  
S 5  
T11S R23W  
1980  
1920

Cor. is located 80 lks. W of a N and S track road.

N. 89°51' W., on the S boundary of sec. 32.

Over nearly level land, through medium creosote and sagebrush.

Dependent Resurvey of a Portion of the South Boundary,  
T. 10 S., R. 23 W., Gila and Salt River Meridian, Arizona

CHAINS	
38.40	The 1/4 sec. cor. of sec. 5 only, T. 11 S., R. 23 W., monumented with an iron post, 1 in. diam., projecting 14 ins. above the ground, with brass cap mkd.
	$\frac{1/4 \text{ S } 5}{1920}$
	Remark the brass cap to read
	T10S R23W
	$\frac{1/4 \text{ S } 5}{1980}$
40.62	The 1/4 sec. cor. of sec. 32 only, monumented with an iron post, 1 in. diam., projecting 8 ins. above the ground, with brass cap mkd.
	$\frac{1/4 \text{ S } 32}{1920}$
	Remark the brass cap to read
	T10S R23W
	$\frac{1/4 \text{ S } 32}{1980}$
	N. 89°51' W., beginning new measurement.
37.78	The cor. of secs. 5 and 6 only, T. 11 S., R. 23 W., monumented with an iron post, 2 ins. diam., projecting 16 ins. above the ground, with brass cap mkd.
	$\frac{\begin{array}{ l} \hline \text{T11S} \mid \text{R23W} \\ \hline \text{S } 6 \mid \text{S } 5 \\ \hline \end{array}}{1920}$
	Remark the brass cap to read
	T10S R23W
	$\frac{\begin{array}{ l} \hline \text{S32} \\ \hline \text{T11S} \mid \text{R23W} \\ \hline \text{S } 6 \mid \text{S } 5 \\ \hline \end{array}}{1980}$
	A railroad track rail projecting 30 ins. above the ground is alongside the cor.
40.63	The cor. of secs. 31 and 32 only, monumented with an iron post, 2 ins. diam., 24 ins. below surface of a N and S graded gravel road, with brass cap mkd.
	$\frac{\begin{array}{ l} \hline \text{T10S R23W} \\ \hline \text{S31} \mid \text{S32} \\ \hline \end{array}}{1920}$

Dependent Resurvey of a Portion of the South Boundary,  
T. 10 S., R. 23 W., Gila and Salt River Meridian, Arizona

CHAINS

from which

A U.S. Geological Survey Bench Mark, bears  
N. 89°30' E., 119.8 lks. dist., monumented with a  
brass tablet, 3 ins. diam., in a concrete base, 8  
ins. diam., projecting 8 ins. above the ground,  
mkd. 1963 178 ft. 8 LHL.

An iron post, 28 ins. long, 2½ ins. diam., set 22  
ins. in the ground for a reference monument, bears  
N. 44°30' W., 71.8 lks. dist., with brass cap mkd.  
T10S R23W S31 RM 47.4 FT. 1980 and an arrow  
pointing to the cor.

Set a steel fence post alongside the R M.

Dependent Resurvey of a Portion of the West Boundary,  
T. 10 S., R. 23 W., Gila and Salt River Meridian, Ariz.

(Restoring the 1874 survey by Theodore F. White)

From the cor. of Tps. 10 and 11 S., Rs. 23 and 24 W.,  
monumented with an iron post, 3 ins. diam., projecting 14  
ins. above the ground, with brass cap mkd.

	T10S		
	S36		S31
R24W	S 1		S 6 R23W
	T11S		
	1920		

The cor. has a 4 x 4 in. wooden post alongside, pro-  
jecting 16 ins. above the ground, mkd. R23W S6 on SE,  
T10S S31 on NE, R24W S36 on NW and T11S S1 on SW.

Cor. is located 40 lks. W of a N and S track road.

N. 0°29' W., bet. secs. 31 and 36.

Over nearly level land, through medium creosote.

40.66 The 1/4 sec. cor. of secs. 31 and 36, monumented with a  
4 x 4 in. wooden post, rotted off at the ground, with the  
top portion mkd. 31 on one side and illegible scribe  
marks on another. This monument of unknown origin is  
accepted as a careful and faithful determination of the  
position of the original cor.

At the cor. point

Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in  
the ground, with brass cap mkd.

	T10S		
	R24W	R23W	
	1/4		
	S36		S31
	1980		



Dependent Resurvey of a Portion of the West Boundary,  
T. 10 S., R. 23 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Deposit the remains of the wooden post alongside the cor.</p> <p>Set a fiberglass post, 6 ft. long, 2 ft. in the ground alongside the cor.</p> <p>Cor. is located 40 lks. E of a N and S track road.</p> <hr/> <p>N. 0°30' W., beginning new measurement.</p>
40.66	<p>The cor. of secs. 25, 30, 31 and 36, monumented with a 4 x 4 in. wooden post, 12 ins. below the surface of an E and W graded gravel road, mkd. S31 on SE, T10S, R23W, S30 on the NE, T10S, R24W, S25 on NW and S36 on SW. This monument of unknown origin is accepted as a careful and faithful determination of the position of the original cor.; not remonumented.</p> <p>Cor. is located in the center of an E and W graded gravel road, 35 lks. E of a N and S track road.</p> <p>from which</p> <p style="padding-left: 40px;">A metal pipe, 3 ins. diam., projecting 24 ins. above the ground, bears S. 33° W., 73.9 lks. dist., mkd. + R.P. 48.8 on the side of the pipe.</p> <p style="padding-left: 40px;">A wooden post, 4 ins. square, projecting 24 ins. above the ground, bears N. 45° E., 70.8 lks. dist., mkd. RP 46 7/.</p> <p>from which new accessories</p> <p style="padding-left: 40px;">An iron post, 28 ins. long, 2½ ins. diam., set 22 ins. in the ground for a reference monument, bears N. 28° E., 61.5 lks. dist., with brass cap mkd. T10S R23W S30 RM 40.6 FT. 1980 and an arrow pointing to the cor.</p> <p>Set a steel fence post alongside the R M.</p> <p style="padding-left: 40px;">An iron post, 28 ins. long, 2½ ins. diam., set 22 ins. in the ground for a reference monument, bears S. 54°30' E., 60.3 lks. dist., with brass cap mkd. T10S R23W S31 RM 39.8 FT. 1980 and an arrow pointing to the cor.</p> <p>Set a steel fence post alongside the R M.</p> <hr/> <p>N. 0°19' W., bet. secs. 25 and 30.</p> <p>Over nearly level land, through medium creosote.</p>
18.92	<p>Point for the witness point of secs. 25 and 30, at intersection with the 5 Mile Diagonal Line.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">W P T10S R24W   R23W S25   S30 1980</p>

Dependent Resurvey of a Portion of the West Boundary,  
T. 10 S., R. 23 W., Gila and Salt River Meridian, Arizona

CHAINS

Set a fiberglass post, 6 ft. long, 2 ft. in the ground  
alongside the cor.

Cor. is located 40 lks. E of a track road, bears  
irregularly N and S.

From this point the point for the 6 Mile Cor. on the 5  
Mile Diagonal Line, bears S. 70°24' E., 35.94 chs. dist.,  
hereinafter described.

40.16 The 1/4 sec. cor. of secs. 25 and 30, monumented with a  
wooden post, 4 ins. square, rotted off at the ground,  
with the top portion mkd. S30 on one side and illegible  
scribe marks on another side. This monument of unknown  
origin is accepted as a careful and faithful determina-  
tion of the position of the original cor.

At the cor. point

Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in  
the ground, with brass cap mkd.

T10S  
R24W R23W  
1/4  
S25 | S30  
1980

Deposit the remains of the wooden post alongside the cor.

Set a fiberglass post, 6 ft. long, 2 ft. in the ground  
alongside the cor.

Cor. is located 50 lks. E of a N and S track road.

N. 0°19' W., beginning new measurement.

40.14 The cor. of secs. 19, 24, 25 and 30, monumented with an  
iron post, 2 ins. diam., 10 ins. below the surface of the  
N edge of an E and W graded gravel road, with brass cap  
mkd.

R24W | R23W  
S24 | S19  
S25 | S30  
T10S  
1966

This cor. was established by the Bureau of Reclamation  
and is accepted as a careful and faithful determination  
of the position of the original cor., not remonumented.

from which

A railroad track rail, bears North, 8 lks. dist.,  
projecting 36 ins. above the ground, mkd. RP 5'.

A Bureau of Reclamation iron post, 2 ins. diam.,  
projecting 3 ins. above the ground, bears  
N. 44° W., 70.2 lks. dist., mkd. B.M. 69.81 1966.

Dependent Resurvey of a Portion of the West Boundary,  
T. 10 S., R. 23 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>N. 0°17' W., bet. secs. 19 and 24.</p>
	<p>Over level land, through medium creosote.</p>
40.20	<p>The 1/4 sec. cor. of secs. 19 and 24, monumented with an iron post, 2 ins. diam., 10 ins. below surface of the ground, with brass cap mkd.</p>
	<p style="text-align: center;">T10S R24W R23W 1/4 S24 S19 1966</p>
	<p>This cor. was established by the Bureau of Reclamation and is accepted as a careful and faithful determination of the position of the original cor., not remonumented.</p>
	<p>from which</p>
	<p style="padding-left: 40px;">A railroad track rail, bears West, 4.5 lks. dist., projecting 30 ins. above the ground, mkd. RP 3'.</p>
	<p>N. 0°16' W., beginning new measurement.</p>
40.18	<p>The cor. of secs. 13, 18, 19 and 24, monumented with an iron post, 2 ins. diam., 11 ins. below surface of center of an E and W graded gravel road, with brass cap mkd.</p>
	<p style="text-align: center;">T10S S13 S18 R24W S24 S19 R23W 1966</p>
	<p>This cor. was established by the Bureau of Reclamation and is accepted as a careful and faithful determination of the position of the original cor., not remonumented.</p>
	<p>from which</p>
	<p style="padding-left: 40px;">An iron post, 28 ins. long, 2½ ins. diam., set 22 ins. in the ground for a reference monument, bears S. 50° W., 65.3 lks. dist., with brass cap mkd. T10S R24W S24 RM 43.1 FT. 1980 and an arrow pointing to the cor.</p>
	<p>The R M is located alongside a power pole, power line bears N and S.</p>
	<p style="padding-left: 40px;">An iron post, 28 ins. long, 2½ ins. diam., set 22 ins. in the ground for a reference monument, bears N. 42° W., 65 lks. dist., with brass cap mkd. T10S R24W S13 RM 42.9 FT. 1980 and an arrow pointing to the cor.</p>
	<p>The R M is located alongside a power pole, power line bears E and W.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines, T. 10 S., R. 23 W., Gila & Salt River Mer., Ariz.

CHAINS	
	<p>(Restoring the 1874 survey by Theodore F. White)</p> <p>From the cor. of secs. 34 and 35 only, on the S bdy. of the Tp., heretofore described.</p> <p>N. 0°30' W., bet. secs. 34 and 35.</p> <p>Over nearly level land, through medium creosote and sagebrush.</p>
40.07	<p>The 1/4 sec. cor. of secs. 34 and 35, monumented with an iron post, 1 in. diam., projecting 12 ins. above the ground, with brass cap mkd.</p> <p style="text-align: center;">1/4 S34 S35 1936</p> <p>This cor. was established by the Bureau of Reclamation and is accepted as a careful and faithful determination of the position of the original cor., not remonumented.</p> <p>Cor. is located 20 lks. W of a N and S track road.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0°30' W., beginning new measurement.</p>
40.08	<p>The cor. of secs. 26, 27, 34 and 35, monumented with a wooden post, 4 ins. square, projecting 26 ins. above the ground, mkd. R23W S30 on W, S34 on N, and S27 on E, with an iron pipe, 1 in. diam., projecting 4 ins. above the ground, alongside the post. This monument of unknown origin is accepted as a careful and faithful determination of the position of the original cor.</p> <p>At the cor. point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T10S R23W S27 S26 S34 S35 1980</p> <p>from which</p> <p style="padding-left: 40px;">The base of a 2 in. pipe, bears N. 29° W., 85.2 lks. dist., projecting 18 ins. above the ground.</p> <p>Bury the wooden post and iron pipe, each 48 ins. long, alongside the cor.</p> <p>Set a steel fence post alongside the cor.</p> <p>Cor. is located along the S edge of an E and W graded gravel road.</p> <hr style="width: 80%; margin: 10px auto;"/> <p>From the cor. of secs. 33 and 34 only, on the S bdy. of the Tp., heretofore described.</p> <p>N. 0°42' W., bet. secs. 33 and 34.</p> <p>Over nearly level land, through scattered creosote and medium sagebrush.</p>

Dependent Resurvey of a Portion of the Subdivisional  
Lines, T. 10 S., R. 23 W., Gila & Salt River Mer., Arizona

CHAINS

13.285 Point for the witness point of secs. 33 and 34 at inter-  
section with the 5 Mile Diagonal Line.

Set an iron post, 28 ins. long, 2½ ins. diam., flush with  
the surface of the E track of a N and S track road, with  
brass cap mkd.

W P  
T10S R23W  
S33|S34  
1980

Set a fiberglass post, 6 ft. long, 2 ft. in the ground, E  
of the cor. and track road.

From this point the point for the 3 Mile Cor. on the 5  
Mile Diagonal Line, bears S. 70°24' E., 16.34 chs. dist.,  
hereinafter described.

39.73 The 1/4 sec. cor. of secs. 33 and 34, monumented with a  
wooden post, 4 ins. square, projecting 32 ins. above the  
ground, mkd. 1/4 S33 on the W and 34 on the E. This  
monument of unknown origin is accepted as a careful and  
faithful determination of the position of the original  
cor.

At the cor. point

Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in  
the ground, with brass cap mkd.

T10S R23W  
1/4  
S33|S34  
1980

Deposit the 48 in. long wooden post, horizontally  
alongside the cor.

Set a steel fence post alongside the cor.

Cor. is located along E side of a N and S track road.

N. 0°43' W., beginning new measurement.

39.73 The cor. of secs. 27, 28, 33 and 34, monumented with a  
wooden post, 4 ins. square, split in three pieces, pro-  
jecting 15 ins. above the ground, mkd. T10S S27 on the E  
and S28 on the W, with other illegible marks. This  
monument of unknown origin is accepted as a careful and  
faithful determination of the position of the original  
cor.

At the cor. point

Set an iron post, 28 ins. long, 2½ ins. diam., 8 ins.  
below surface of a road intersection, with brass cap mkd.

T10S R23W  
S28|S27  
S33|S34  
1980

Dependent Resurvey of a Portion of the Subdivisional Lines, T. 10 S., R. 23 W., Gila & Salt River Mer., Arizona

CHAINS		
	<p>from which</p> <p>A power pole, bears S. 51° E., 62.5 lks. dist., mkd. FR 80 WPG 3-45.</p> <p>Bury the 43 in. long wooden post, horizontally alongside the cor.</p> <p>Cor. is located at the intersection of graded gravel roads extending N, E and S.</p>	
	<p>From the cor. of secs. 26, 27, 34 and 35.</p> <p>S. 89°57' W., bet. secs. 27 and 34.</p> <p>Along a graded gravel road.</p> <p>40.44 The 1/4 sec. cor. of secs. 27 and 34, monumented with a wooden post, 4 ins. square, projecting 20 ins. above the ground, mkd. 1/4 S27 on the N and 34 on the S. This monument of unknown origin is accepted as a careful and faithful determination of the position of the original cor.</p> <p>At the cor. point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T10S R23W  <math>\frac{1}{4} \frac{S27}{S34}</math>                      1980</p> <p>Bury the 48 in. long wooden post horizontally alongside the cor.</p> <p>Set a steel fence post alongside the cor.</p> <p>Cor. is located along the S edge of an E and W graded gravel road.</p> <p>S. 89°57' W., beginning new measurement.</p>	
<p>40.43</p> <p>40.23</p>	<p>The cor. of secs. 27, 28, 33 and 34.</p> <hr/> <p>From the cor. of secs. 32 and 33 only, on the S bdy. of the Tp., heretofore described.</p> <p>N. 0°47' W., bet. secs. 32 and 33.</p> <p>Over nearly level land, through medium creosote and sagebrush, along the W side of a track road.</p> <p>The 1/4 sec. cor. of secs. 32 and 33, monumented with a wooden post, 4 ins. square, projecting 22 ins. above the ground, mkd. 33 on E and 1/4 S32 on W. This monument of unknown origin is accepted as a careful and faithful determination of the position of the original cor.</p> <p>At the cor. point</p>	

Dependent Resurvey of a Portion of the Subdivisional Lines, T. 10 S., R. 23 W., Gila & Salt River Mer., Arizona

CHAINS	
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T10S R23W 1/4 S32 S33 1980</p> <p>Bury the 40 in. long wooden post, horizontally alongside the cor.</p> <p>Set a fiberglass post, 6 ft. long, 2 ft. in the ground alongside the cor.</p> <hr/> <p>N. 0°48' W., beginning new measurement.</p>
2.05	<p>Point for the witness point of secs. 32 and 33, at intersection with the 5 Mile Diagonal Line.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">W P T10S R23W S32 S33 1980</p> <p>Set a fiberglass post, 6 ft. long, 2 ft. in the ground alongside the cor.</p> <p>Cor. is located 50 lks. W of a N and S track road.</p> <p>From this point the point for the 4½ Mile Cor. on the 5 Mile Diagonal Line, bears N. 70°24' W., 17.99 chs. dist., hereinafter described.</p>
40.24	<p>The cor. of secs. 28, 29, 32 and 33, monumented with an iron post, 2 ins. diam., projecting 2 ins. above the ground, with brass cap mkd.</p> <p style="text-align: center;">T10S R23W S29 S28 S32 S33 1967</p> <p>This cor. was established by the Bureau of Reclamation and is accepted as a careful and faithful determination of the position of the original cor., not remonumented.</p> <p>A railroad track rail projecting 30 ins. above the ground is alongside the cor.</p> <p>Cor. is located 60 lks. NW of the intersection of track roads, extending N, S, E and W.</p> <hr/> <p>From the cor. of secs. 27, 28, 33 and 34.</p> <p>N. 89°28' W., bet. secs. 28 and 33.</p> <p>Over nearly level land, through scattered creosote and sagebrush, along the N. side of a track road.</p>
40.21	<p>The 1/4 sec. cor. of secs. 28 and 33, monumented with an iron post, 1 in. diam., flush with the ground, with brass cap mkd.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines, T. 10 S., R. 23 W., Gila & Salt River Mer., Arizona

CHAINS	
	<p style="text-align: center;">T10S R23W  <math>\frac{1}{4}</math> S28  <math>\frac{1}{4}</math> S33                      1967</p>
	<p>This cor. was established by the Bureau of Reclamation and is accepted as a careful and faithful determination of the position of the original cor., not remonumented.</p> <p>A railroad track rail projecting 24 ins. above the ground and a 10 x 4 in. wooden post, projecting 36 ins. above the ground are alongside the cor.</p> <p>Cor. is located 30 lks. N of an E and W track road.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 89°29' W., beginning new measurement.</p>
40.22	<p>The cor. of secs. 28, 29, 32 and 33.</p>
	<hr/> <p>From the cor. of secs. 31 and 32 only, on the S bdy. of the Tp., heretofore described.</p> <p>N. 0°37' W., bet. secs. 31 and 32.</p> <p>Along a graded gravel road.</p>
40.60	<p>The 1/4 sec. cor. of secs. 31 and 32, monumented with a wooden post, 4 ins. square, 8 ins. below the surface of a N and S graded gravel road, no marks visible. This monument of unknown origin is accepted as a careful and faithful determination of the position of the original cor.; not remonumented.</p> <p>from which</p> <p style="padding-left: 40px;">An iron post, 28 ins. long, 2½ ins. diam., set 23 ins. in the ground for a reference monument, bears N. 54° E., 66.2 lks. dist., with brass cap mkd. T10S R23W 1/4 S32 RM 43.7 FT. 1980 and an arrow pointing to the cor.</p> <p>Set a steel fence post alongside the R M.</p> <p style="padding-left: 40px;">An iron post, 28 ins. long, 2½ ins. diam., set 23 ins. in the ground for a reference monument, bears N. 57°30' W., 62.7 lks. dist., with brass cap mkd. T10S R23W 1/4 S31 RM 41.4 FT. 1980 and an arrow pointing to the cor.</p> <p>Set a steel fence post alongside the R M.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0°38' W., beginning new measurement.</p>
30.445	<p>Point for the witness point of secs. 31 and 32 at intersection with the 5 Mile Diagonal Line.</p>
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 6 ins. below the surface at the center of a N and S graded gravel road, with brass cap mkd.</p>



Dependent Resurvey of a Portion of the Subdivisional  
Lines, T. 10 S., R. 23 W., Gila & Salt River Mer., Arizona

CHAINS

W P  
T10S R23W  
S31|S32  
1980

from which

An iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., set 22 ins. in the ground for a reference monument, bears N.  $47^{\circ}30'$  E., 67 lks. dist., with brass cap mkd. T10S R23W WP S32 RM 44.2 FT. 1980 and an arrow pointing to the cor.

Set a fiberglass post, 6 ft. long, 2 ft. in the ground alongside the R M.

An iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., set 22 ins. in the ground for a reference monument, bears N.  $53^{\circ}$  W., 68.6 lks. dist., with brass cap mkd. T10S R23W WP S31 RM 45.3 FT. 1980 and an arrow pointing to the cor.

Set a fiberglass post, 6 ft. long, 2 ft. in the ground alongside the R M.

From the witness point the point for the  $5\frac{1}{2}$  Mile Cor. on the 5 Mile Diagonal Line, bears N.  $70^{\circ}24'$  W., 11.58 chs. dist., hereinafter described.

40.61 The cor. of secs. 29, 30, 31 and 32, monumented with a iron post, 2 ins. diam., 8 ins. below the surface at the center of a N and S graded gravel road, with brass cap mkd.

T10S R23W  
S30|S29  
S31|S32  
1967

This cor. was established by the Bureau of Reclamation and is accepted as a careful and faithful determination of the position of the original cor., not remonumented.

from which

An iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., set 24 ins. in the ground for a reference monument, bears N.  $37^{\circ}30'$  E., 78.5 lks. dist., with brass cap mkd. T10S R23W S29 RM 51.8 FT. 1980 and an arrow pointing to the cor.

Set a steel fence post alongside the R M.

A Bureau of Reclamation Bench Mark, bears N.  $31^{\circ}$  W., 131.1 lks. dist., monumented with a 3 in. brass tablet, in a 6 in. base of concrete, projecting 4 ins. above the ground, mkd. PF 13 1978.

From the cor. of secs. 28, 29, 32 and 33.

N.  $89^{\circ}19'$  W., bet. secs. 29 and 32.

Over nearly level land, through medium creosote and sagebrush.

Dependent Resurvey of a Portion of the Subdivisional Lines, T. 10 S., R. 23 W., Gila & Salt River Mer., Arizona

CHAINS		
40.50	<p>Point for the 1/4 sec. cor. of secs. 29 and 30, at proportionate dist.; there is no remaining evidence of the original cor. A Bureau of Reclamation iron post, 2 ins. diam., 36 ins. long, was found lying loose on the ground, with brass cap mkd.</p> <p style="text-align: center;">T10S R23W  <math>\frac{1}{4} \frac{S29}{S32}</math>                      1967</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T10S R23W  <math>\frac{1}{4} \frac{S29}{S32}</math>                      1980</p> <p>Bury the 2 in. iron post alongside the cor.</p> <p>A railroad track rail, bears North, 4 lks. dist., projecting 36 ins. above ground.</p> <p>Cor. is located 20 lks. S of an E and W track road.</p>	
81.00	<p>The cor. of secs. 29, 30, 31 and 32.</p>	
	<p>N. 89°49' W., bet. secs. 30 and 31.</p> <p>Over level land, along a graded gravel road.</p>	
28.715	<p>Point for the witness point of secs. 30 and 31, at intersection with the 5 Mile Diagonal Line.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 6 ins. below the surface at the center of an E and W graded gravel road, with brass cap mkd.</p> <p style="text-align: center;">W P                      T10S R23W  <math>\frac{S30}{S31}</math>                      1980</p> <p>from which</p> <p style="padding-left: 40px;">An iron post, 28 ins. long, 2½ ins. diam., set 22 ins. in the ground for a reference monument, bears N. 50° E., 67.4 lks. dist., with brass cap mkd. T10S R23W WP S30 RM 44.5 FT. 1980 and an arrow pointing to the cor.</p> <p>Set a fiberglass post, 6 ft. long, 2 ft. in the ground alongside the R M.</p> <p style="padding-left: 40px;">An iron post, 28 ins. long, 2½ ins. diam., set 22 ins. in the ground for a reference monument, bears N. 54° W., 69.1 lks. dist., with brass cap mkd. T10S R23W WP S30 RM 45.6 FT. 1980 and an arrow pointing to the cor.</p> <p>Set a fiberglass post, 6 ft. long, 2 ft. in the ground alongside the R M.</p>	

Dependent Resurvey of a Portion of the Subdivisional  
~~Lines, T. 10 S., R. 23 W., Gila & Salt River Mer., Arizona~~

CHAINS

From the witness point the point for the 5½ Mile Cor. on the 5 Mile Diagonal Line, bears S. 70°24' E., 19.02 chs. dist., hereinafter described.

41.23 The 1/4 sec. cor. of secs. 30 and 31, monumented with an iron post, 2 ins. diam., 8 ins. below the surface at the center of an E and W graded gravel road, with brass cap mkd.

T10S  
 $\frac{1}{4}$  S30  
 $\frac{1}{4}$  S31  
 R23W  
 1967

This cor. was established by the Bureau of Reclamation and is accepted as a careful and faithful determination of the position of the original cor., not remonumented.

from which

A wooden post, 4 ins. square, projecting 24 ins. above the ground, bears N. 45° E., 70.8 lks. dist., mkd. RP 46 7/8.

A wooden post, 4 ins. square, projecting 14 ins. above the ground, bears N. 45° W., 70.8 lks. dist., mkd. RP 46 7/8.

from which a new accessory

An iron post, 28 ins. long, 2½ ins. diam., set 22 ins. in the ground for a reference monument, bears S. 46°30' E., 51.5 lks. dist., with brass cap mkd. T10S R23W 1/4 S31 RM 34 FT. 1980 and an arrow pointing to the cor.

Set a steel fence post alongside the R M.

N. 89°49' W., beginning new measurement.

41.03 The cor. of secs. 25, 30, 31 and 36, on the W bdy. of the Tp., heretofore described.

From the cor. of secs. 29, 30, 31 and 32.

N. 0°28' W., bet. secs. 29 and 30.

Over level land, along a graded gravel road.

40.44 The 1/4 sec. cor. of secs. 29 and 30, monumented with an iron post, 2 ins. diam., 14 ins. below the surface of a N and S graded gravel road, with brass cap mkd.

T10S R23W  
 $\frac{1}{4}$   
 S30|S29  
 1967

This cor. was established by the Bureau of Reclamation and is accepted as a careful and faithful determination of the position of the original cor., not remonumented.

Dependent Resurvey of a Portion of the Subdivisional  
Lines, T. 10 S., R. 23 W., Gila & Salt River Mer., Arizona

CHAINS

from which

A wooden post, 4 ins. square, projecting 24 ins. above the ground, bears N. 45° W., 70.8 lks. dist., mkd. RP 46<sup>7/</sup>.

from which new accessories

An iron post, 28 ins. long, 2½ ins. diam., set 22 ins. in the ground for a reference monument, bears S. 54° E., 68.2 lks. dist., with brass cap mkd. T10S R23W 1/4 S29 RM 45 FT. 1980 and an arrow pointing to the cor.

Set a steel fence post alongside the R M.

An iron post, 28 ins. long, 2½ ins. diam., set 22 ins. in the ground for a reference monument, bears S. 50° W., 64.8 lks. dist., with brass cap mkd. T10S R23W 1/4 S30 RM 42.8 FT. 1980 and an arrow pointing to the cor.

Set a steel fence post alongside the R M.

N. 0°27' W., beginning new measurement.

40.44 The cor. of secs. 19, 20, 29 and 30, monumented with a wooden post, 4 ins. sq., 18 ins. below the surface of a N and S graded gravel road, mkd. S30 on SW, S19 on NW, T10S S20 on NE and R23W S29 on SE, with the remains of another 4 x 4 in. wooden post alongside. This monument of unknown origin is accepted as a careful and faithful determination of the position of the original cor.; not remonumented.

from which

An iron post, 28 ins. long, 2½ ins. diam., set 24 ins. in the ground for a reference monument, bears N. 29°30' E., 95 lks. dist., with brass cap mkd. T10S R23W S20 RM 62.7 FT. 1980 and an arrow pointing to the cor.

The R M is located alongside a power pole from which lines extend N and SE approximately 1 ch., thence E.

A U.S. Geological Survey Bench Mark, bears S. 15°13' W., 204.5 lks. dist., monumented with a brass tablet, 3 ins. diam., in a concrete base, 8 ins. diam., projecting 3 ins. above the ground, mkd. 1963 176 ft. 9 LHL.

An iron post, 28 ins. long, 2½ ins. diam., set 22 ins. in the ground for a reference monument, bears N. 39° W., 89.1 lks. dist., with brass cap mkd. T10S R23W S19 RM 58.8 FT. 1980 and an arrow pointing to the cor.

Set a steel fence post alongside the R M.

S. 89°48' W., bet. secs. 19 and 30.

Dependent Resurvey of a Portion of the Subdivisional Lines, T. 10 S., R. 23 W., Gila & Salt River Mer., Arizona

CHAINS	
41.12	<p>Over nearly level land, through medium creosote and sagebrush, along N side of a graded gravel road.</p> <p>The 1/4 sec. cor. of secs. 19 and 30, monumented with an iron post, 2 ins. diam., 12 ins. below the ground, with brass cap mkd.</p> <p style="text-align: center;">T10S R23W  <math>\frac{1}{4}</math> <math>\frac{S19}{S30}</math>                      1966</p> <p>This cor. was established by the Bureau of Reclamation and is accepted as a careful and faithful determination of the position of the original cor., not remonumented.</p> <p>from which</p> <p style="padding-left: 40px;">A railroad track rail, bears West, 7.6 lks. dist., projecting 30 ins. above the ground, mkd. RP 5'.</p> <p>Cor. is located 110 lks. N of an E and W graded gravel road.</p> <p style="text-align: center;">-----</p> <p>S. 89°47' W., beginning new measurement.</p>
40.94	<p>The cor. of secs. 19, 24, 25 and 30, on the W bdy. of the Tp., heretofore described.</p>
26.42	<p style="text-align: center;">Survey of the 5 Mile Diagonal Line Thru Certain Sections, T. 10 S., R. 23 W., Gila and Salt River Mer., Arizona</p> <hr/> <p>From the witness point of secs. 3 and 34, at the intersection of the S bdy. of the Tp. and the 5 Mile Diagonal Line, described in the field notes of the survey of the 5 Mile Diagonal Line through certain sections of T. 11 S., R. 23 W., of this assignment.</p> <p>From this witness point the 2½ Mile Cor. on the 5 Mile Diagonal Line, bears S. 70°24' E., 13.58 chs. dist., described in the survey of the 5 Mile Diagonal Line through certain sections of T. 11 S., R. 23 W., of this assignment.</p> <p>N. 70°24' W., on the 5 Mile Diagonal Line through sec. 34 on a transit line describing the tangent which starts at a point 4.3 lks. South of the witness point and bears N. 70°25.4' W.</p> <p>Over gently rolling land, through medium creosote and sagebrush.</p> <p>Point for the 3 Mile Cor. on the 5 Mile Diagonal Line in sec. 34, North, 5.4 lks. from the tangent.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T10S R23W                      3 M                      S34                      1980</p>

Survey of the 5 Mile Diagonal Line Thru Certain Sections,  
T. 10 S., R. 23 W., Gila and Salt River Mer., Arizona

CHAINS		
	<p>Set a fiberglass post, 6 ft. long, 2 ft. in the ground alongside the cor.</p>	
42.76	<p>The witness point of secs. 33 and 34, on the 5 Mile Diagonal Line, North, 6.2 lks. from the tangent, heretofore described.</p>	
	<p>N. 70°24' W., through sec. 33, on a transit line describing the tangent which bears N. 70°25.7' W., continuing measurement.</p>	
66.42	<p>Point for the 3½ Mile Cor. on the 5 Mile Diagonal Line in sec. 33, North, 7.4 lks. from the tangent.</p>	
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p>	
	<p style="text-align: center;">T10S R23W 3½ M S33 1980</p>	
	<p>Set a fiberglass post, 6 ft. long, 2 ft. in the ground alongside the cor.</p>	
106.42	<p>Point for the 4 Mile Cor. on the 5 Mile Diagonal Line in sec. 33, North, 9.7 lks. from the tangent.</p>	
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p>	
	<p style="text-align: center;">T10S R23W 4 M S33 1980</p>	
	<p>Set a fiberglass post, 6 ft. long, 2 ft. in the ground alongside the cor.</p>	
128.43	<p>The witness point of secs. 32 and 33, on the 5 Mile Diagonal Line, North, 11.1 lks. from the tangent, heretofore described.</p>	
	<p>N. 70°24' W., through sec. 32, on a transit line describing the tangent which bears N. 70°26.3' W., continuing measurement.</p>	
146.42	<p>Point for the 4½ Mile Cor. on the 5 Mile Diagonal Line in sec. 32, North, 12.3 lks. from the tangent.</p>	
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p>	
	<p style="text-align: center;">T10S R23W 4½ M S32 1980</p>	
	<p>Set a fiberglass post, 6 ft. long, 2 ft. in the ground alongside the cor.</p>	
186.42	<p>Point for the 5 Mile Cor. on the 5 Mile Diagonal Line in sec. 32, North, 15.1 lks. from the tangent.</p>	

Survey of the 5 Mile Diagonal Line Thru Certain Sections,  
T. 10 S., R. 23 W., Gila and Salt River Mer., Arizona

CHAINS	
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">T10S R23W 5 M S32 1980</p>
	<p>Set a fiberglass post, 6 ft. long, 2 ft. in the ground alongside the cor.</p>
214.84	<p>The witness point of secs. 31 and 32, on the 5 Mile Diagonal Line, North, 17.4 lks. from the tangent, heretofore described.</p>
	<p>N. 70°24' W., through sec. 31, on a transit line describing the tangent which bears N. 70°26.8' W., continuing measurement.</p>
226.42	<p>Point for the 5½ Mile Cor. on the 5 Mile Diagonal Line in sec. 31, North, 18.3 lks. from the tangent.</p>
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">T10S R23W 5½ M S31 1980</p>
	<p>Set a fiberglass post, 6 ft. long, 2 ft. in the ground alongside the cor.</p>
245.44	<p>The witness point of secs. 30 and 31, on the 5 Mile Diagonal Line, North, 19.9 lks. from the tangent, heretofore described.</p>
	<p>Thence through sec. 30, continuing measurement.</p>
266.42	<p>Point for the 6 Mile Cor. on the 5 Mile Diagonal Line in sec. 30, North, 21.8 lks. from the tangent.</p>
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">T10S R23W 6 M S30 1980</p>
	<p>Set a fiberglass post, 6 ft. long, 2 ft. in the ground alongside the cor.</p>
302.36	<p>The witness point of secs. 25 and 30 on the W bdy. of the Tp., heretofore described.</p>
	<p style="text-align: center;">GENERAL DESCRIPTION</p>
	<p>The land encompassed in this survey is located about 9 miles easterly from San Luis, Arizona. The elevation ranges from about 170 to 250 ft. above sea level.</p>

T. 10 S., R. 23 W., Gila and Salt River Meridian, Arizona

CHAINS

The soil consists of a loose sandy texture, covered with sparse creosote and sagebrush.

Access is by way of numerous unimproved roads on or along the section lines.





CERTIFICATE OF SURVEY

(I) ~~(We)~~, Paul L. Reeves, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 12th day of November, 1980, (I) ~~(We)~~ have independently resurveyed portions of the south and west boundaries and subdivisional lines and surveyed the 5 Mile Diagonal Line through certain sections of Township 10 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), ~~(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.

July 24, 1981

(Date)

*Paul L. Reeves*

(Cadastral Surveyor)

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Denver, Colorado

The foregoing field notes of the dependent resurvey of portions of the south and west boundaries and subdivisional lines and the survey of the 5 Mile Diagonal Line through certain sections of Township 10 South, Range 23 West, Gila and Salt River Meridian, Arizona,

executed by

Paul L. Reeves, Cadastral Surveyor  
having been critically examined and found correct, are hereby approved.

SEP 01 1981

(Date)

ACTING

*Mary S. Speight*  
(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, Cadastral Survey Examination and Approval Staff)