

ORIGINAL

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**FIELD NOTES**

**OF THE**

**DEPENDENT RESURVEY OF A PORTION**

**OF THE SOUTH BOUNDARY**

**AND A PORTION OF THE SUBDIVISIONAL LINES**

**AND THE SUBDIVISION OF SECTIONS 30 AND 31,**

**TOWNSHIP 22 NORTH, RANGE 6 EAST,**

**OF THE GILA AND SALT RIVER MERIDIAN,**

**IN THE STATE OF ARIZONA.**

**EXECUTED BY**

**Dale C. Wilson, Cadastral Surveyor**

Under Special Instructions dated May 30, 2001, approved May 30, 2001,  
which provided for the surveys included under Group No. 872, and  
assignment instructions dated May 30, 2001.

Survey commenced June 19, 2001

Survey completed July 26, 2001

# INDEX DIAGRAM

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**T. 22 N., R. 6 E., Gila and Salt River Meridian, Arizona**

## CHAINS

The following field notes describe the dependent resurvey of a portion of the south boundary and a portion of the subdivisional lines and the subdivision of sections 30 and 31, T. 22 N., R. 6 E., Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this resurvey is as follows:

John L. Harris surveyed the south boundary in 1878. Washington O. Secor surveyed the west boundary and subdivisional lines in 1889. Horace M. Muscott and Claude F. Warner dependently resurveyed the west boundary in 1941.

The survey was executed in accordance with the specifications as set forth in the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and the Special Instructions dated May 30, 2001, for Group No. 872, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic and static global positioning system observations using Trimble Navigation 5700 model receivers.

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

Geodetic control was derived from U. S. Coast and Geodetic Survey triangulation station "DOT 1958", horizontal order B, as published by the National Geodetic Survey, NAD 83 (1992). The geographic position of the southeast corner of section 31, is as follows:

Latitude: 35° 14' 18.91" N.      Longitude: 111° 47' 23.80" W.

The mean magnetic declination is 14½° E.

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**Dependent Resurvey of a Portion of the South Boundary,  
T. 22 N., R. 6 E., Gila and Salt River Meridian, Arizona**

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Restoring the survey executed by  
John L. Harris, in 1878

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Dependent Resurvey of a Portion of the South Boundary,  
T. 22 N., R. 6 E., Gila and Salt River Meridian, Arizona

CHAINS

Beginning at the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., determined from the remains of the original bearing trees

A pine stump, 18 ins. diam., bears N. 23° E., 11 lks. dist., with scribe marks visible on partially healed blaze.

A pine, 24 ins. diam., bears S. 69° E., 15 lks. dist., with a healed blaze.

A pine, 20 ins. diam., bears S. 43° W., 23 lks. dist., with a healed blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T22N	R6E
S31	S32
S6	S5
T21N	
2001	

Deposit a magnet in a white plastic case at the base of the stainless steel post.

Cor. falls on a steep NE slope at the cor. of fences, extending S. and W., under the SW end of a wire gate, extending N. 45° E. for 6 ft. to the end of a fence, extending E.

From this cor. point, U.S. Coast and Geodetic Survey triangulation station "DOT 1958" bears S. 45°19' W., 98.38 chs. dist., monumented with a brass tablet, set flush in concrete 12 ins. below the surface of the ground, mkd. DOT 1958.

S. 89°37' W., bet. sec. 6 and 31, on the S. bdy. of the Tp.

Descending sharply through scattered pine timber.

40.00

The 1/4 sec. cor. of secs. 6 and 31, monumented with a deeply embedded mound of stone, 2½ ft. base, with a wood post, 48 ins. long, 4 ins. square, lying alongside.

from which the remains of the original bearing trees

A root hole, bears N. 40° E., 13 lks. dist.

**Dependent Resurvey of a Portion of the South Boundary,  
T. 22 N., R. 6 E., Gila and Salt River Meridian, Arizona**

CHAINS

A pine stump, 14 ins. diam., bears N. 75° W., 37 lks. dist., with partial scribe marks and axe marks visible on badly weathered open blaze. (Record, 41 lks. dist.)

At the corner point

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, in a mound of stone, 2½ ft. base, to top, with brass cap mkd.

T22N R6E  
S31  
1/4 ———  
S6  
T21N  
2001

Deposit the original post alongside the stainless steel post.

Deposit a magnet in a white plastic case at the base of the stainless steel post.

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S. 84°56' W., beginning new measurement.

Over gently rolling land through a dog hair jack pine thicket.

41.75

The cor. of Tps. 21 and 22 N., Rs. 5 and 6 E., monumented with an iron post, 3 ins. diam., firmly set, projecting 9 ins. above ground, in a collar of stone, 2½ ft. base, with brass cap mkd. T22N R5E R6E S36 S31 S1 S6 T21N 2001 1941 and witnessed as described in the field notes of the dependent resurvey of a portion of the east boundary, T. 22 N., R. 5 E., executed concurrently under this same group.

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**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 22 N., R. 6 E., Gila and Salt River Meridian, Arizona**

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Restoring the survey executed by  
Washington O. Secor, in 1889

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From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., hereinbefore described.

N. 0°02' W., bet. secs. 31 and 32.

Descending sharply through scattered stands of ponderosa pine.

Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 22 N., R. 6 E., Gila and Salt River Meridian, Arizona

CHAINS	
39.63	<p>The 1/4 sec. cor. of secs. 31 and 32, monumented with a sandstone, 21 x 12 x 5 ins., plainly mkd. 1/4, lying loose next to an embedded mound of stone, 4 ft. base.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T22N R6E 1/4 S31   S32 2001</p> </div> <p>Bury the original stone alongside the stainless steel post.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <hr/> <p>N. 0°23' E., beginning new measurement.</p> <p>Over rolling land through scattered pine timber.</p>
39.78	<p>The cor. of secs. 29, 30, 31 and 32, monumented with a sand stone, 16 x 8 x 5 ins., firmly set, 5 ins. in the ground, plainly mkd. 1 groove on S. face and 5 grooves on E. face, with a scattered mound of stone to the W.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 14 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T22N R6E S30   S29 ----- S31   S32 2001</p> </div> <p>Bury the original stone alongside the stainless steel post.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <hr/> <p>S. 87°11' W., bet. sec. 30 and 31.</p> <p>Over gently rolling land through dense pine timber.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 22 N., R. 6 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.12	<p>Point for the 1/4 sec. cor. of secs. 30 and 31, at proportionate dist.; there is no remaining evidence of the original corner.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T22N R6E S30 1/4 ——— S31 2001</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
60.18	<p>Point for the W. 1/16 sec. cor. of secs. 30 and 31.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T22N R6E S30 W 1/16 ——— S31 2001</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
79.69	<p>The cor. of secs. 25, 30, 31 and 36, on the W. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. T22N R5E R6E S25 S30 S36 S31 2001 1941 and witnessed as described in the field notes of the dependent resurvey of a portion of the east boundary, T. 22 N., R. 5 E., executed concurrently under this same group.</p>
	<p>From the cor. of secs. 29, 30, 31 and 32.</p> <p>N. 1°17' E., bet. secs. 29 and 30.</p> <p>Over gently rolling land through scattered stands of pine timber.</p>
40.06	<p>The 1/4 sec. cor. of secs. 29 and 30, monumented with a sand stone, 18 x 12 x 6 ins., firmly set flush with the surface of the ground, plainly mkd. 1/4 on W. face, encircled by a deeply embedded mound of stone, 3 ft. base.</p> <p>At the corner point</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 22 N., R. 6 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 18 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T22N R6E 1/4 S30   S39 2001</p> <p>Bury the original stone alongside the stainless steel post.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <hr/> <p>N. 0°36' E., beginning new measurement.</p> <p>Over gently rolling land through scattered stands of pine timber.</p>
26.26	<p>An original line tree, a pine, 24 ins. diam., with 2 diagonal blazes at breast height on the S. and N. sides. This now functions as an angle point.</p> <hr/> <p>N. 0°06' E., beginning new measurement.</p> <p>Over gently rolling land through scattered stands of pine timber.</p>
13.53	<p>The cor. of secs. 19, 20, 29 and 30, monumented with a sand stone, 18 x 10 x 8 ins. firmly set, 4 ins. in the ground, plainly mkd. 5 grooves on E. face and 2 grooves on S. face, encircled by a scattered mound of stone.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T22N R6E S19   S20 ----- S30   S29 2001</p> <p>Bury the original stone alongside the stainless steel post.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <hr/>



**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 22 N., R. 6 E., Gila and Salt River Meridian, Arizona**

CHAINS	
40.32	<p>S. 86°47' W., bet. secs. 19 and 30.</p> <p>Over gently rolling land through scattered stands of pine timber.</p> <p>Point for the 1/4 sec. cor. of secs. 19 and 30, at proportionate dist.; there is no remaining evidence of the original corner.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 18 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p align="center">T22N R6E S19 1/4 ——— S30 2001</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
80.17	<p>The cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 12 ins. above ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd. T22N R5E R6E S24 S19 S25 S30 2001 1941 and witnessed as described the field notes of the dependent resurvey of a portion of the east boundary, T. 22 N., R. 5 E., executed concurrently under this same group.</p>
<hr/> <p><b>Subdivision of Section 30, T. 22 N., R. 6 E., Gila and Salt River Meridian, Arizona</b></p> <hr/>	
19.835	<p>From the 1/4 sec. cor. of secs. 30 and 31.</p> <p>N. 0°43' E., on the N. and S. center line of sec. 30.</p> <p>Over heavily rolling land through dense stands of pine timber.</p> <p>Point for the center S. 1/16 sec. cor. of sec. 30, not monumented.</p>
39.67	<p>Point for the center 1/4 sec. cor. of sec. 30, at intersection with the E. and W. center line of sec. 30, not monumented.</p>
79.57	<p>The 1/4 sec. cor. of secs. 19 and 30.</p>
<hr/> <p>From the 1/4 sec. cor. of secs. 29 and 30.</p> <p>S. 86°40' W., on the E. and W. center line of sec. 30.</p>	

Subdivision of Section 30,  
T. 22 N., R. 6 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Over gently rolling land through scattered pine timber.
40.53	The point for the center 1/4 sec. cor. of sec. 30.
60.60	Point for the center W. 1/16 sec. cor. of sec. 30, not monumented.
80.17	The 1/4 sec. cor. of secs. 25 and 30, on the W. bdy. of the Tp., monumented with a stainless steel post, 2½ ins. diam., firmly set, projecting 6 ins. above ground, in a collar of stone, with brass cap mkd. T22N R5E R6E 1/4 S25 S30 2001 as described in the field notes of the dependent resurvey of a portion of the east boundary, T. 22 N., R. 5 E., executed concurrently under this same group.
	SW 1/4
	From the W. 1/16 sec. cor. of secs. 30 and 31.
	N. 0°43' E., on the N. and S. center line of the SW 1/4 of sec. 30.
	Over heavily rolling land and through dense pine timber.
19.75	Point for the SW 1/16 sec. cor. of sec. 30, at intersection with the E. and W. center line of the SW 1/4 of sec. 30.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T22N R6E SW 1/16 S30 2001
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
39.50	The point for the center W. 1/16 sec. cor. of sec. 30.
	From the point for the center S. 1/16 sec. cor. of sec. 30.
	S. 86°55' W., on the E. and W. center line of the SW 1/4 of sec. 30.
	Over gently rolling land through scattered pine timber.
20.07	The SW 1/16 sec. cor. of sec. 30.

**Subdivision of Section 30,  
T. 22 N., R. 6 E., Gila and Salt River Meridian, Arizona**

CHAINS	
39.61	<p>The S. 1/16 sec. cor. of secs. 25 and 30, on the W. bdy. of the Tp., monumented with a stainless steel post, 2½ ins. diam., firmly set, projecting 6 ins. above ground, in a collar of stone, with brass cap mkd. T22N R5E R6E S 1/16 S25 S30 2001 as described the field notes of the dependent resurvey of a portion of the east boundary, T. 22 N., R. 5 E., executed concurrently under this same group.</p> <hr/> <p style="text-align: center;"><b>Subdivision of Section 31, T. 22 N., R. 6 E., Gila and Salt River Meridian, Arizona</b></p> <hr/> <p>From the 1/4 sec. cor. of secs. 6 and 31, on the S. bdy. of the Tp.</p> <p>N. 0°08' E., on the N. and S. center line of sec. 31.</p> <p>Over gently rolling land through dense jack pine thicket.</p>
33.42	<p>Point selected for a witness point on the N. and S. center line of sec. 31.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <div style="text-align: center; padding: 10px 0;"> <p>WP T22N R6E C   S31 C 2001</p> </div> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
77.70	<p>The 1/4 sec. cor. of secs. 30 and 31.</p> <hr/> <p style="text-align: center;"><b>GENERAL DESCRIPTION</b></p> <hr/> <p>The area encompassed by this survey is located 10 miles west of Flagstaff, Arizona, and is referred to locally as Bellemont, Arizona. There are numerous Forest Service roads and trails throughout the area. The elevation of this area is between 7,200 and 7,800 feet above sea level. The terrain varies from nearly level to steep and mountainous in the NE portions. The area is covered with pine timber from scattered stands to very dense thickets.</p>

**T. 22 N., R. 6 E., Gila and Salt River Meridian, Arizona**

CHAINS

The principle use of this area is livestock grazing and camping.  
There is no notable mineral activity.

The mean magnetic declination was observed to be  $14\frac{1}{4}^{\circ}$  E.



## CERTIFICATE OF SURVEY

I, Dale C. Wilson, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 30<sup>th</sup> day of May, 2001, I have dependently resurveyed a portion of the east boundary and a portion of the subdivisional lines and subdivided sections 30 and 31, T. 22 N., R. 6 E., Gila and Salt River Meridian, Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction. 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.

10/16/01  
(Date)

Dale C. Wilson  
(Cadastral Surveyor)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the east boundary and a portion of the subdivisional lines and the subdivision of sections 30 and 31, T. 22 N., R. 6 E., Gila and Salt River Meridian, Arizona, executed by Dale C. Wilson, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

November 26, 2001  
(Date)

Kenny P. Rawmker  
(Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY That the foregoing transcript of the field notes of the above described surveys in T. 22 N., R. 6 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~\_\_\_\_\_~~  
~~(Date)~~

~~\_\_\_\_\_~~  
~~(Chief Cadastral Surveyor of Arizona)~~