

ORIGINAL

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

FIELD NOTES

OF THE

CORRECTIVE RESURVEY OF A PORTION

OF THE SUBDIVISION OF SECTION 32

AND

A METES-AND-BOUNDS SURVEY IN SECTION 32,

TOWNSHIP 11 NORTH, RANGE 20 EAST,

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA.

EXECUTED BY

Stephen K. Hansen, Cadastral Surveyor

Under Special Instructions dated April 5, 2000, approved April 5, 2000, and Supplemental Special Instructions dated May 1, 2000, approved May 1, 2000, which provided for the surveys included under Group No. 849, and assignment instructions dated April 5, 2000.

Survey commenced April 10, 2000

Survey completed May 2, 2000

INDEX DIAGRAM

TOWNSHIP 11 NORTH RANGE 20 EAST

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Subdivision of Section 32 Pages 2-6
 Metes-and-Bounds in Section 32 Pages 6-8

T. 11 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the corrective resurvey of a portion of the subdivision of section 32, and a metes-and-bounds survey in section 32, T. 11 N., R. 20 E., Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this resurvey is as follows: John L. Harris surveyed a portion of the north and east boundaries in 1879. H. A. Coe surveyed the west boundary in 1882-1883. M. N. Grant surveyed a portion of the north boundary in 1883. A. E. Shoemaker surveyed a portion of the 5th Auxiliary Meridian East (east boundary), the south boundary and the subdivisional lines in 1883. Sydney E. Blout dependently resurveyed the south boundary in 1915. Benjamin J. Kinsey and Sidney E. Blout dependently resurveyed a portion of the east boundary in 1921. Roger F. Wilson, Theodore Vander Mear, Robert H. Fischer and Benjamin J. Mollette dependently resurveyed the west boundary in 1935-1936. Harry K. Smith and Paul L. Reeves dependently resurveyed a portion of the south and west boundaries, a portion of the subdivisional lines, and subdivided certain sections in 1978. Paul L. Reeves dependently resurveyed a portion of the southwest quarter and performed a metes-and-bounds survey of Lot 2, section 32, in 1981.

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 April 5, 2000, and Supplemental Special Instructions dated May 1, 2000 for Group Number 849, Arizona.

The true meridian direction and length of most lines were determined by real time kinematic global positioning system observations using Trimble 4400 model receivers, and the positions of some points were verified by taking measurements with a Sokkia Set 2 BII total station survey instrument.

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 first order U. S. Coast and Geodetic Survey triangulation station "CLAY SPRINGS 1936", as published by the National Geodetic Survey, NAD 83(1992). The geographic position of the center west one sixteenth section corner of section 32, is as follows:

T. 11 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS

Latitude: 34°18'26.59 N. Longitude: 110°14'51.24 W. NAD83(1992)

The mean magnetic declination is 11¼° E.

**Corrective Resurvey of a Portion of the Subdivision of Sec. 32,
T. 11 N., R. 20 E., Gila and Salt River Meridian, Arizona**

Restoring the survey executed by
Harry K. Smith and Paul L. Reeves, in 1978

From the center 1/4 sec. cor. of sec. 32, monumented with an iron post, 2½ ins. diam., firmly set, projecting 8 ins. above ground, with a mound of stone, 2 ft. base, 1 ft. high, to the W., with brass cap mkd. T11N R20E C 1/4 S32 1978, from which the original bearing trees

A ponderosa pine, 12 ins. diam., bears N. 57° E., 21 lks. dist., with a healed blaze.

A ponderosa pine, 8 ins. diam., bears S. 30° E., 22 lks. dist., with a healed blaze.

Add the marks 2000 to the brass cap.

From this cor. point, the 1/4 sec. cor. of secs. 32 and 33, monumented with an iron post, 2½ ins. diam., firmly set, projecting 4 ins. above ground, with a mound of stone, 2½ ft. base, 1 ft. high, to the W., with brass cap mkd. T11N R20E 1/4 S32 S33 1978, bears N. 89°47' E., 41.00 chs. dist., from which the original bearing tree

A ponderosa pine, 32 ins. diam., bears S. 41° W., 90 lks. dist., with scribe marks 1/4 S BT visible on opened blaze.

and the 1978 bearing trees

A ponderosa pine, 12 ins. diam., bears N. 64° E., 77 lks. dist., with a healed blaze.

A ponderosa pine, 12 ins. diam., bears N. 75° W., 66 lks. dist., with a healed blaze.

Add the marks 2000 to the brass cap.

From this same cor. point, the center S 1/16 sec. cor. of sec. 32, hereinafter described, bears S. 1°10' E., 20.06 chs. dist.

S. 89°47' W., on the E. and W. center line of sec. 32.

Corrective Resurvey of a Portion of the Subdivision of Sec. 32,
T. 11 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
10.135	<p>Along a meandering barbed wire fence, through pine timber.</p> <p>Point for the center E-W 1/64 sec. cor. of sec. 32.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T11N R20E C-E-W 1/64 S32 2000</p> <p>from which the 1978 bearing tree</p> <p style="padding-left: 40px;">A ponderosa pine, 16 ins. diam., bears S. 39 1/2° W., 41 lks. dist., with a healed blaze.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Cor. is located 4 lks. S. of a barbed wire fence, 5 strand, bears E. and W.</p> <p>From this cor. point, the point erroneously set in 1978 for the center E-W 1/64 sec. cor., monumented with an iron post, 2½ ins. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd. S32 C-E-W 1/64 1978, bears N. 0°05' W., 0.07 chs. dist. The monument was amended as follows: All marks were removed from the brass cap and the marks AM and 2000 were added to the brass cap. The iron post was dug up and three 60d nails were placed at the 1978 position, 18 ins. below ground. The 1978 iron post was then buried 10 ins. below ground, above the nails, in a horizontal position, and oriented E. and W.</p>
15.20	<p>Point for the center W-E-W 1/256 sec. cor. of sec. 32.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T11N R20E C-W-E-W 1/256 S32 2000</p> <p>from which the 1978 bearing tree</p> <p style="padding-left: 40px;">A ponderosa pine, 16 ins. diam., bears S. 22 3/4° E., 131½ lks. dist., with a healed blaze.</p>

**Corrective Resurvey of a Portion of the Subdivision of Sec. 32,
T. 11 N., R. 20 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Restoring the resurvey executed by Paul L. Reeves, in 1981</p> <hr/>
	<p>From the center S 1/16 sec. cor. of sec. 32, monumented with an iron post, 2½ ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. T11N R20E C S 1/16 S32 C 1978, from which the original bearing tree</p> <p align="center">A ponderosa pine, 16 ins. diam., bears N. 34° W., 122 lks. dist., with a healed blaze.</p> <p>Add the marks 2000 to the brass cap.</p> <p>S. 89°53' W., on the E. and W. center line of the SW 1/4 of sec. 32.</p>
7.266	Point for AP 1, of the metes-and-bounds survey of sec. 32, hereinafter described.
8.78	Intersect the E. side of a 1 story stucco house, the NE cor. of the house bears N., 17 lks. dist.
9.00	Intersect the W. side of same house, the NW cor. of the house bears N., 17 lks. dist.
10.09	Point for the center E-SW 1/64 sec. cor. of sec. 32, at proportionate dist. Not monumented.
13.517	<p>Cor. 1, Lot 2, sec. 32, monumented with an aluminum post, ¾ in. diam., firmly set, 10 ins. below ground, with aluminum cap markings not legible, from which the original bearing trees</p> <p align="center">An alligator juniper, 12 ins. diam., bears N. 11 3/4° E., 48 lks. dist., with a healed blaze.</p> <p align="center">A ponderosa pine, 24 ins. diam., bears N. 49° E., 83 lks. dist., with a healed blaze.</p> <p>Impracticable to add marks to the aluminum cap.</p> <p>Cor. is located in the center of Pinedale Road, paved, 25 ft. wide, bears SE and NW.</p>
	<p>Restoring the survey executed by Harry K. Smith and Paul L. Reeves, in 1978</p> <hr/>
	<p>From the point for the center E-SW 1/64 sec. cor. of sec. 32.</p>

**Corrective Resurvey of a Portion of the Subdivision of Sec. 32,
T. 11 N., R. 20 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	N. 1°17' W., on the N. and S. center line of the NE 1/4 of the SW 1/4 of sec. 32.
1.66	Intersect line 2-3 of the metes-and-bounds survey.
10.02	Point for the NE-SW 1/64 sec. cor. Not monumented.
15.03	Point for the center N-NE-SW 1/256 sec. cor. of sec. 32.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	<p align="center">T11N R20E C-N-NE-SW 1/256 S32 2000</p>
	from which the 1978 bearing tree
	<p align="center">A ponderosa pine, 12 ins. diam., bears S. 43 3/4° E., 59½ lks. dist., with a healed blaze.</p>
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	<p>From this cor. point, the point erroneously set in 1978 for the center N-NE-SW 1/256 sec. cor., monumented with an iron post, 2½ ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. C-N-NE-SW 1/256 S32 1978, bears N. 75°44' E., 0.09 chs. dist. The monument was amended as follows: All marks were removed from the brass cap and the marks AM and 2000 were added to the brass cap. The iron post was dug up and three 60d nails were placed at the 1978 position, 18 ins. below ground. The 1978 iron post was then buried 10 ins. below ground, above the nails, in a horizontal position, and oriented E. and W.</p>
20.04	The center E-W 1/64 sec. cor. of sec. 32.
	<p align="center">Metes-and-Bounds Survey in Sec. 32, T. 11 N., R. 20 E., Gila and Salt River Meridian, Arizona</p>
	From the point for AP 1, on the E. and W. center line of the SW 1/4 of sec. 32.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.

**Metes-and-Bounds Survey in Sec. 32,
T. 11 N., R. 20 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>T11N R20E S32 AP1 S ——— S</p> <p>2000</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>From this cor. point, the center S 1/16 sec. cor. of sec. 32, hereinbefore described, bears N. 89°53' E., 7.266 chs. dist.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 4°58' W., on line 1-2.</p>
1.622	<p>Point for AP 2.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T11N R20E S32 AP2</p> <p style="text-align: center;">2000</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Cor. is located ½ lk. S. of a barbed wire fence, 4 strand, bears E. and W.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 89°18' W., on line 2-3, along a barbed and woven wire fence.</p>
2.72	<p>Intersect the N. and S. center line of the NE 1/4 of the SW 1/4 of sec. 32. Not monumented.</p> <p>From this cor. point, the point for the center E-SW 1/64 sec. cor., bears S. 1°17' E., 1.66 chs. dist.</p>
5.97	<p>Point for AP 3.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p>

**Metes-and-Bounds Survey in Sec. 32,
T. 11 N., R. 20 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>T11N R20E S32 — AP3 2000</p>
	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Cor. is located at the SW side of a wooden fence cor. post, 10 ins. diam., with woven wire fences extending E. and N. 50° W.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 74°49' W., on line, 3-4.</p>
1.118	<p>Point for AP 4, identical with Cor. 2, Lot 2, sec. 32, monumented with a Forest Service aluminum post, $\frac{3}{4}$ in. diam., firmly set, 12 ins. below surface, with illegible marks on the aluminum cap, from which the original bearing trees</p> <p style="padding-left: 40px;">A ponderosa pine, 16 ins. diam., bears N. 3° E., 129 lks. dist., with partially healed blazes.</p> <p style="padding-left: 40px;">A ponderosa pine, 18 ins. diam., bears N. 89° E., 98 lks. dist., with a healed blaze.</p> <p>Impracticable to add marks to the aluminum cap.</p> <p>Cor. is located 8 ft. NE of the center of Pinedale Road, paved, 25 ft. wide, bears SE and NW along a curve to the left.</p> <p>From this cor. point, Cor. 1, Lot 2, sec. 32, bears S. 33°42' E., 1.694 chs. dist.</p> <hr style="width: 80%; margin: 20px auto;"/> <p style="text-align: center;">General Description</p> <hr style="width: 20%; margin: 10px auto;"/> <p>The land encompassed within this survey is located in and near the town of Pinedale, Arizona.</p> <p>The elevation is about 6500 feet above sea level.</p> <p>Vegetation consists of pine, juniper, pinon and oak. There are some open spaces suitable for grazing livestock.</p> <p>No mining activity was noted.</p>

T. 11 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	<p>The mean magnetic declination of $11\frac{1}{4}^{\circ}$ E., was derived from the United States Geological Survey computer program GEOMAGIX, utilizing the Regional Magnetic Field Model for Epoch 2000 for the dates of survey.</p> <hr/>
--------	--

CERTIFICATE OF SURVEY

I, Stephen K. Hansen, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 5th day of April, 2000, and the Supplemental Special Instructions bearing the date of the 1st day of May, 2000, I have corrected the survey of a portion of the subdivision of section 32 and performed a metes-and-bounds survey in section 32, T. 11 N., R. 20 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.

8/18/00

(Date)

Stephen K. Hansen

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the corrective resurvey of a portion of the subdivision of section 32 and the metes-and-bounds survey in section 32, T. 11 N., R. 20 E., Gila and Salt River Meridian, Arizona, executed by Stephen K. Hansen, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

August 25, 2000

(Date)

Kenny D. Rasmussen

(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. 11 N., R. 20 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~(Date)~~~~(Chief Cadastral Surveyor of Arizona)~~