



## INDEX DIAGRAM

TOWNSHIP 8 NORTH, RANGE 27 EAST,

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T. 8 N., R. 27 E., Gila and Salt River Meridian, Arizona

## CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivision of section 26, and a metes-and-bounds survey in Township 8 North, Range 27 East, Gila and Salt River Meridian, Arizona.

A.E. Shoemaker surveyed the subdivisional lines in 1883. C.F. Warner and F. Motosh dependently resurveyed the subdivisional lines in 1940. H.K. Smith dependently resurveyed and subdivided sections 22, 23, 26, 27 and 35 from 1976 to 1978.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated August 6, 1992, for Group No. 747, Arizona.

Preliminary to the resurvey, the lines of the original survey were retraced and a search was made for all corners and other calls of the record. The retracement data were thoroughly verified and only the true line field notes are given herein.

The survey was performed at the request of Federal Land Exchange, Inc., in a letter dated July 9, 1992. The purpose of this survey was to facilitate a land exchange.

The directions of all lines were determined by direct hour angle observations on the sun, and refer to the true meridian. Distances and angles were measured with a Lietz Set 4 electronic instrument.

The geographic position of the 1/4 section corner of sections 23 and 26 was determined by the technique of relative positioning using the Ashtech GPS Geodetic System. U.S. Coast and Geodetic Survey triangulation station "Port" was used as the control station. Elevation and coordinates refer to the top of the monument.

Elevation	Latitude	Longitude
8,180.7 ft.	34°04'04.32" N.	109.27'49.50" W. NAD 27

The mean magnetic declination as taken from quadrangle map GREER, ARIZ., published in 1969 by U.S. Geological Survey, is 13 1/2° E.

Dependent Resurvey, Portion of the Subdivision of Sec. 26,  
T. 8 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">Restoring the survey executed by H.K. Smith in 1976-78</p> <hr/> <p>Beginning at the center 1/4 sec. cor. of sec. 26, as described in the field note record of the subdivision of section 26 executed by Harry K. Smith in 1976-78, monumented with a rebar, 3/4 in. diam., projecting 2 ins. above a concrete base, 18 ins. diam., with top of rebar mkd. C 1/4 S26, from which bearing objects of record</p> <p style="padding-left: 40px;">A pine, 14 ins. diam., bears N. 27 3/4° E., 144 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A grey granite boulder, 4 x 4 x 5 1/2 ft. high, bears N. 13 1/4° W., 164.5 lks. dist., with XBO chiseled on the SW face.</p> <p>Not remonumented</p> <p>Cor. is located in a welded steel pipe fence, bears E. and W. N. 0°09'30" E., on the N. and S. center line of sec. 26.</p> <p>Over rolling land, through dense pine timber.</p> <p>20.57 The center N. 1/16 sec. cor. of sec. 26, monumented with an iron post, 2 1/2 ins. diam., projecting 20 ins. above ground, supported in a mound of stone, 5 ft. base, to top, with brass cap mkd. T8N R27E C N 1/16 S26 C 1976, from which bearing objects of record</p> <p style="padding-left: 40px;">A pine, 12 ins. diam., bears N. 78 1/2° E., 103 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A pine, 12 ins. diam., bears S. 83 1/2° W., 26.5 lks. dist., with healed blaze.</p> <p>Add the marks 1992 on the brass cap.</p> <hr/> <p>N. 0°09'30" E., beginning new measurement.</p> <p>9.265 Point for AP 5, at intersection with the center line of Highway No. 373, not monumented.</p>

Dependent Resurvey, Portion of the Subdivision of Sec. 26,  
T. 8 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From this cor. point, a brass cap, 3 ins. diam., firmly set, in a collar of concrete, flush with ground, bears N. 29°53 1/2' W., 3543.5 lks. dist., mkd. ELEV PC 316+05.79 50' 1959.</p> <p>From this same cor. point, a brass cap, 3 ins. diam., firmly set, in a collar of concrete, flush with ground, bears N. 27°26 1/2' W., 3544 lks. dist., mkd. ELEV PC 316+05.79 50' 1959.</p> <p>20.575 The 1/4 sec. cor. of secs. 23 and 26, monumented with an iron post, 1 in. diam., projecting 18 ins. above ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd. 1/4 S23 S26 1976 1940, from which bearing objects of record</p> <p style="padding-left: 40px;">A rotted pine stump, 12 ins. diam., bears N. 5 3/4° E., 63 lks. dist.</p> <p style="padding-left: 40px;">A rotted pine stump, 26 ins. diam., bears S. 19° E., 54 lks. dist.</p> <p style="padding-left: 40px;">A pine, 10 ins. diam., bears S. 7 3/4° W., 67 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A pine, 12 ins. diam., bears N. 12° W., 59 lks. dist., with healed blaze.</p> <p>Add the marks T8N R27E 1992 on the brass cap.</p> <hr/> <p>From the center W-E 1/64 sec. cor. of sec. 26, monumented with an iron post, 2 1/2 ins. diam., projecting 4 ins. above ground, with brass cap mkd. S26 C-W-E 1/64 1976, from which bearing objects of record</p> <p style="padding-left: 40px;">A rebar, 5/8 ins. diam., projecting 4 ins. above ground, bears N. 87 1/4° E., 6.2 lks. dist.</p> <p style="padding-left: 40px;">A pine, 14 ins. diam., bears N. 66 1/2° W., 70 lks. dist., with healed blaze.</p> <p>Add the marks T8N R27E 1992 on the brass cap.</p>

Dependent Resurvey, Portion of the Subdivision of Sec. 26,  
T. 8 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>N. 85°20'30" W., on the E. and W. center line of sec. 26.</p> <p>Over rolling land, through medium pine timber.</p>
5.155	<p>Point for AP 1, at intersection with the center line of Highway No. 373, not monumented.</p> <p>From this cor. point, a brass cap, 3 ins. diam., firmly set, in a collar of concrete, flush with ground, bears S. 35 3/4° E., 138 lks. dist., mkd. ELEV PC 266+88.39 50' 1959.</p>
10.09	<p>The center 1/4 sec. cor. of sec. 26.</p>
<hr/> <p>Metes-and-Bounds Survey, In Section 26, T. 8 N., R. 27 E., Gila and Salt River Meridian, Arizona</p> <hr/>	
	<p>From AP 1, at intersection with the E. and W. center line of sec. 26, and the centerline of highway No. 373, hereinbefore described.</p> <p>Thence, on the centerline of highway No. 373, along a 11°53'37" circular curve to the right, having a radius of 481.74 ft., on line bet. AP 1 and AP 2, the chord of said arc bears N. 20°26' W., 10.195 chs. dist.</p>
11.287	<p>Point for AP 2, not monumented.</p> <p>From this cor. point, a brass cap, 3 ins. diam., firmly set, in a collar of concrete, flush with ground, bears S. 65 1/2° E., 76 lks. dist., mkd. PT ELEV 275+08.75 50' 1959.</p> <p>From this same cor. point, a brass cap, 3 ins. diam., firmly set, in a collar of concrete, flush with ground, bears N. 65 1/2° W., 76 lks. dist., mkd. PT ELEV 275+08.75 50' 1959.</p>
3.745	<hr/> <p>N. 24°37' E., on the line bet. AP 2 and AP 3.</p> <p>Point for AP 3, not monumented.</p>

Metes-and-Bounds Survey,  
In Section 26, T. 8 N., R. 27 E.,  
Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From this cor. point, a brass cap, 3 ins. diam., firmly set, in a collar of concrete, flush with ground, bears S. 65 1/2° E., 76 lks. dist., mkd. PC ELEV 277+55.74 50' 1959.</p>
	<p>From this same cor. point, a brass cap, 3 ins. diam., firmly set, in a collar of concrete, flush with ground, bears N. 65 1/2° W., 65 1/2 lks. dist., mkd. PC ELEV 277+55.74 43.07' 1959.</p>
	<p>Thence along a 5°59'47" circular curve to the left, having a radius of 955.49 ft., on the line bet. AP 3 and AP 4, the chord of said arc bears N. 9°00' E., 7.725 chs. dist.</p>
7.819	<p>Point for a witness point, not monumented.</p>
	<p>From this cor. point, the C-N 1/6 sec. cor. bears N. 84°44 W., 4.09 chs. dist., hereinbefore described.</p>
	<p>Thence continuing along the 5°59'47" circular curve to the left, having a radius of 955.49 ft., a dist. of 5.608 chs., on line bet. AP 3 and AP 4, the chord of said arc bears N. 17°34' W., 5.573 chs. dist.</p>
13.43	<p>Point for AP 4, not monumented.</p>
	<p>From this cor. point, a brass cap, 3 ins. diam., firmly set, in a collar of concrete, flush with ground, bears N. 61 1/4° E., 76 lks. dist., mkd. PT ELEV 286+41.92 50' 1959.</p>
	<p>From this same cor. point, a brass cap, 3 ins. diam., firmly set, in a collar of concrete, flush with ground, bears S. 61 1/4° W., 76 lks. dist., mkd. PT ELEV 286+41.92 50' 1959.</p>
	<p>N. 28°40' W., on the line bet. AP 4 and AP 5.</p>
4.935	<p>Point for AP 5, at intersection with the N. and S. center line of sec. 26, hereinbefore described.</p>
	<p>From this cor. point, the 1/4 sec. cor. of secs. 23 and 26 bears N. 0°09'30" E., 11.31 chs. dist., hereinbefore described.</p>

T. 8 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS

## GENERAL DESCRIPTION

The land encompassed in this survey is located about 2 miles northerly of Greer, Arizona. The main drainage of the area is the Little Colorado River, which generally flows easterly. Elevation ranges from about 7900 to 8300 feet above sea level.

Access is provided by State Highway No. 373, and numerous track and logging roads in the vicinity.

The soil is black loam and clay and is rocky. There are thick stands of timber, the predominant species being pine, interspersed with fir and spruce.

No mining activity was noted.

The principal use of the area is livestock grazing and outdoor recreation.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Dale C. Wilson	Supervisory Land Surveyor
Dean E. Wiese	Land Surveyor-Geodesist

CERTIFICATE OF SURVEY

I, Stephen K. Hansen, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 6th day of August, 1992, I have dependently resurveyed a portion of the subdivision of section 26, and surveyed a metes-and-bounds survey in Township 8 North, Range 27 East, of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

9/23/92

(Date)

*Stephen K. Hansen*

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Arizona State Office  
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the subdivision of section 26, and a metes-and-bounds survey in Township 8 North, Range 27 East, Gila and Salt River Meridian, Arizona, executed by Stephen K. Hansen, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

SEP 24 1992

(Date)

*James P. Kelly*

(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. 8 N., R. 27 E., Gila and Salt River Meridian, Arizona is a true copy of the original field notes.

(Date)

(Chief Cadastral Surveyor of Arizona)