

INDEX DIAGRAM

TOWNSHIP 2 SOUTH, RANGE 12 WEST,

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

T. 2 S., R. 12 W., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the metes-and-bounds survey of the Eagletail Mountains Wilderness Area Boundary, Township 2 South, Range 12 West, Gila and Salt River Meridian, Arizona.

William E. Hiester and Ty White surveyed the south, east, west and north boundaries and the subdivisional lines, in 1941.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated April 15, 1998, for Group Number 827, Arizona.

Preliminary to the resurvey, the lines of the original survey 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 at proportionate positions based on the original record. The retracement data were thoroughly verified and only the true line field notes are given herein.

The distances and directions of all lines were determined by use of the Trimble 4400 real time kinematic survey system, and refer to the true meridian.

The geographic position of the corner of Townships 1 and 2 South, Ranges 11 and 12 West, as determined from a relative global positioning vector made to United States Coast and Geodetic Survey triangulation station "MOTTBUSCH 1950", with published latitude of 33°19'45.38048" N., and published longitude of 113°25'01.89544" W., NAD 83 (1992) is as follows:

Latitude: 33°17'28.47" N. Longitude: 113°26'09.30" W.
NAD 83 (1992)

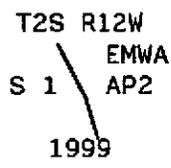
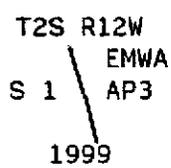
The mean magnetic declination is 12 3/4° E.

Metes-and-Bounds Survey of the Eagletail Mountains Wilderness Area Bdy., T. 2 S., R. 12 W., Gila and Salt River Mer., Arizona

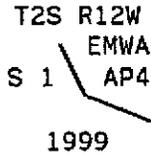
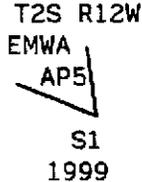
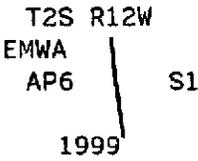
From AP 1, sec. 1., identical with AP 45, T. 1 S., R. 12 W., on the N. bdy. of the Tp., monumented with an aluminum rod, 3/4 in. diam., firmly set, projecting 8 ins. above the ground, with aluminum cap mkd. T1S R12W AP45 EMWA S1 AP1 T2S 1999, as described in the field notes of the dependent resurvey of a portion of the S. bdy., T. 1 S., R. 12 W., executed concurrently under this same group.

Cor. is located 30 ft. westerly of dirt road.

Metes-and-Bounds Survey of the Eagletail Mountains Wilderness Area Bdy.,
T. 2 S., R. 12 W., Gila and Salt River Meridian, Arizona

CHAINS	
18.46	<p>From this cor. point, the cor. of secs. 1, 2, 35 and 36,, bears West, 6.61 chs. dist., monumented with an iron post, 2 ins. diam., firmly set, projecting 9 ins. above the ground, with brass cap mkd. T1S R12W S35 S36 S2 S1 T2S 1999 1941, as described in the field notes of the dependent resurvey of a portion of the S. bdy., T. 1 S., R. 12 W., executed concurrently under this same group.</p> <p>S. 26°51' E., on line 1-2, sec. 1, on the Eagletail Mountains Wilderness Area Bdy.</p> <p>Point for AP 2, sec. 1.</p> <p>Set an aluminum rod, 36 ins. long, 3/4 in. diam., 29 ins. in the ground, with aluminum cap mkd.</p> <div style="text-align: center;">  <p>T2S R12W EMWA S 1 AP2 1999</p> </div> <p>Cor. is located 30 ft. easterly of dirt road.</p> <hr style="width: 20%; margin: 0 auto;"/>
25.76	<p>S. 23°22' E., on line 2-3, sec. 1.</p> <p>Point for AP 3, sec. 1.</p> <p>Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.</p> <div style="text-align: center;">  <p>T2S R12W EMWA S 1 AP3 1999</p> </div> <p>Cor. is located 30 ft. easterly of dirt road.</p> <hr style="width: 20%; margin: 0 auto;"/>
10.79	<p>S. 22°20' E., on line 3-4, sec. 1.</p> <p>Point for AP 4, sec. 1.</p> <p>Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.</p>

Metes-and-Bounds Survey of the Eagletail Mountains Wilderness Area Bdy.,
T. 2 S., R. 12 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<div style="text-align: center;">  <p>T2S R12W EMWA S 1 AP4 1999</p> </div> <p>Cor. is located 30 ft. easterly of dirt road.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 57°46' E., on line 4-5, sec. 1.</p>
16.93	<p>Point for AP 5, sec. 1.</p> <p>Set an aluminum rod, 36 ins. long, 3/4 in. diam., 26 ins. in the ground, with aluminum cap mkd.</p> <div style="text-align: center;">  <p>T2S R12W EMWA AP5 S1 1999</p> </div> <p>Cor. is located 30 ft. northeasterly and 30 ft. westerly of dirt roads.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 4°14' W., on line 5-6, sec. 1.</p>
7.87	<p>Point for AP 6, sec. 1.</p> <p>Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.</p> <div style="text-align: center;">  <p>T2S R12W EMWA AP6 S1 1999</p> </div> <p>Cor. is located 30 ft. westerly of dirt road.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 3°53' W., on line 6-7, sec. 1.</p>
6.63	<p>Point for AP 7, sec. 1.</p> <p>Set an aluminum rod, 36 ins. long, 3/4 in. diam., 27 ins. in the ground, with aluminum cap mkd.</p>

Metes-and-Bounds Survey of the Eagletail Mountains Wilderness Area Bdy.,
T. 2 S., R. 12 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">T2S R12W EMWA AP7 S1 1999</p> <p>Cor. is located 30 ft. westerly of dirt road.</p> <hr style="width: 20%; margin: auto;"/> <p>N. 1°57' E., on line 7-8, sec. 1.</p>
12.08	<p>Point for AP 8, sec 1.</p> <p>Set an aluminum rod, 36 ins. long, 3/4 in. diam., 27 ins. in the ground, with aluminum cap mkd.</p> <p style="text-align: center;">T2S R12W EMWA AP8 S1 1999</p> <p>Cor. is located 30 ft. westerly of dirt road.</p> <hr style="width: 20%; margin: auto;"/> <p>N. 18°51' W., on line 8-9, sec. 1.</p>
3.95	<p>Point for AP 9, sec. 1.</p> <p>Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.</p> <p style="text-align: center;">T2S R12W EMWA AP9 S1 1999</p> <p>Cor. is located 30 ft. westerly of dirt road.</p> <hr style="width: 20%; margin: auto;"/> <p>N. 13°19' W., on line 9-10, sec. 1.</p>
6.37	<p>Point for AP 10, sec. 1.</p> <p>Set an aluminum rod, 36 ins. long, 3/4 in. diam., 27 ins. in the ground, with aluminum cap mkd.</p>

Metes-and-Bounds Survey of the Eagletail Mountains Wilderness Area Bdy.,
T. 2 S., R. 12 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">T2S R12W EMWA AP10 S1 1999</p> <p>Cor. is located 30 ft. westerly of dirt road.</p> <hr style="width: 20%; margin: auto;"/> <p>N. 0°27' E., on line 10-11, sec. 1.</p>
10.85	<p>Point for AP 11, sec. 1.</p> <p>Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.</p> <p style="text-align: center;">T2S R12W EMWA AP11 S1 1999</p> <p>Cor. is located 30 ft. westerly of dirt road.</p> <hr style="width: 20%; margin: auto;"/> <p>N. 7°06' E., on line 11-12, sec. 1</p>
11.92	<p>AP 12, sec. 1., identical with AP 46, T. 1 S., R. 12 W., on the N. bdy. of the Tp., monumented with an aluminum rod, 3/4 in. diam., firmly set, projecting 8 ins. above the ground, with aluminum cap mkd. T1S R12W EMWA AP46 AP12 S1 T2S 1999, as described in the field notes of the dependent resurvey of a portion of the S. bdy., T. 1 S., R. 12 W., executed concurrently under this same group.</p> <p>From this cor. point, the 1/4 sec. cor. of secs. 1 and 36, bears S. 89°58' W., West, 1.76 chs. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. T1S R12W S36 1/4 S1 T2S 1999 1941, as described in the field notes of the dependent resurvey of a portion of the S. bdy., T. 1 S., R. 12 W., executed concurrently under this same group.</p>

T. 2 S., R. 12 W., Gila and Salt River Meridian, Arizona

CHAINS	<p>Description of the Eagletail Mountains Wilderness Area Boundary T. 1 S., R. 12 W., Gila and Salt River Meridian, Arizona</p> <hr/> <p>The following description is for informational purposes only.</p> <hr/> <p>Beginning at Angle Point 1, sec. 1, identical with Angle Point 45, T. 1 S., R. 12 W., on the N. bdy. of the Tp.</p> <p>thence S. 26°51' E., 18.46 chs. dist., to Angle Point 2, sec. 1; thence S. 23°22' E., 25.76 chs. dist., to Angle Point 3, sec. 1; thence S. 22°20' E., 10.79 chs. dist., to Angle Point 4, sec. 1; thence S. 57°46' E., 16.93 chs. dist., to Angle Point 5, sec. 1; thence N. 4°14' W., 7.87 chs. dist., to Angle Point 6, sec. 1; thence N. 3°53' W., 6.63 chs. dist., to Angle Point 7, sec. 1; thence N. 1°57' E., 12.08 chs. dist., to Angle Point 8, sec. 1; thence N. 18°51' W., 3.95 chs. dist., to Angle Point 9, sec. 1; thence N. 13°19' W., 6.37 chs. dist., to Angle Point 10, sec. 1; thence N. 0°27' E., 10.85 chs. dist., to Angle Point 11, sec. 1; thence N. 7°06' E., 11.92 chs. dist., to Angle Point 12, sec. 1, identical with Angle Point 46, T. 1 S., R. 12 W., on the N. bdy. of the Tp.</p> <hr/> <p style="text-align: center;">General Description</p> <hr/> <p>The Eagletail Mountains Wilderness Area is located about 65 miles west of Phoenix, Arizona, in Maricopa, Yuma and LaPaz counties.</p> <p>Terrain is rolling, rugged and rocky and covered with vegetation of creosote, cacti and grasses. There are scattered ironwood and palo verde trees throughout the area.</p> <p>Access is by way Harquahala Valley Road, which connects to Interstate 10 near Tonapah, Arizona. There are numerous trail roads throughout the region.</p> <p>Elevation is about 1600 feet above sea level.</p> <p>Principle uses of the surrounding area include irrigated farming, ranching, and recreation.</p> <p>There was mining activity in the past, but no current activity in the area was noted during the course of the survey.</p> <p>The mean magnetic declination of 12 3/4° E., was derived from the United States Geological Survey computer "MAGPOINT", utilizing the Regional Magnetic Field Model for Epoch 1995 for the dates of survey.</p>
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UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

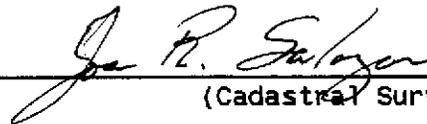
NAMES	CAPACITY
W. William Foster	Surveying Technician
Robert J. Lyle	Surveying Technician
Cheryl A. Hansen	Surveying Technician
Mark S. Searles	Surveying Technician

CERTIFICATE OF SURVEY

I, Joe R. Salazar, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 15th day of April, 1998, I have performed the metes-and-bounds survey of the Eagletail Mountains Wilderness Area Boundary, Township 2 South, Range 12 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 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.

5/07/01

(Date)



(Cadastral Surveyor)

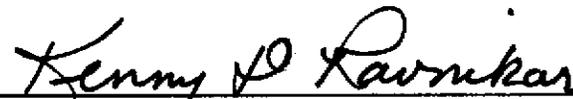
CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Arizona State Office
Phoenix, Arizona

The foregoing field notes of the metes-and-bounds survey of the Eagletail Mountains Wilderness Area Boundary, Township 2 South, Range 12 West, Gila and Salt River Meridian, Arizona, executed by Joe R. Salazar, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

July 30, 2001

(Date)



(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. 2 S., R. 12 W., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

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