### **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					
THE METES-AND-BOUNDS SURVEY OF					
THE EAGLETAIL MOUNTAINS WILDERNESS AREA BOUNDARY,					
TOWNSHIP 1 SOUTH, RANGE 12 WEST					
Of the <u>Gila and Salt River Meridian</u> ,					
In the State ofArizona					
EXECUTED BY					
Joe R. Salazar Cadastral Surveyor					

Under Special Instructions dated April 15 1998, approved April 15, 1998, which provided for the surveys included under Group Number 827, and assignment instructions dated April 15, 1998.

> Survey Commenced March 10, 1999 Survey Completed March 29, 1999

#### INDEX DIAGRAM

TOWNSHIP 1 SOUTH , RANGE 12 WEST ,

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

Metes-and-Bounds Survey of the EMWA Bdy.

#### T. 1 S ., R. 12 W., Gila and Salt River Meridian, Arizona

#### **CHAINS**

The following field notes describe the dependent resurvey of a portion of the south boundary and the metes-and-bounds survey of the Eagletail Mountains Wilderness Area Boundary, Township 1 South, Range 12 West, Gila and Salt River Meridian, Arizona.

Woodbury Abbey, Roy J. Gill and Hans D. Voight surveyed the Gila and Salt River Base Line, in 1914-15. William E. Hiester and Ty White surveyed the south and east boundaries in 1941.

The survey was executed in accordance with the specifications as set forth in the <u>Manual of Surveying Instructions</u>, 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.

#### CHAINS

Restoring the Survey Executed by William E. Hiester and Ty White, in 1941

From the cor. of Tps. 1 and 2 S., Rs. 11 and 12 W., monumented with an iron post, 3 ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd. T1S R12W R11W S36 S31 S1 S6 T2S 1941, with a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

Add the marks 1999 to the brass cap.

From this cor. point, U.S. Coast and Geodetic Survey triangulation station MOTTBUSCH 1950, bears N. 22°28′ E., 226.90 chs. dist., monumented with a standard brass disk, 3 1/2 ins. diam., cemented flush with the surface of bedrock, with top mkd. MOTTBUSCH 1950 and a triangle. Reference monuments were recovered and in good order.

S. 89°58' W., bet. secs. 1 and 36, on the S. bdy. of the Tp.

Over rolling terrain through mesquite, sage and cacti.

Point for AP 46, identical with AP 12, sec, 1, T. 2 S., R. 12 W, on the Eagletail Mountains Wilderness Area Bdy.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.

T1S R12W

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

40.03

The 1/4 sec. cor. of secs. 1 and 36, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd. S36 1/4 S1 1941, with a mound of stone, 3 ft. base, 1 1/2 ft. high, N. of cor.

Add the marks T1S R12W T2S 1999 to the brass cap.

West, beginning new measurement.

33.41

Point for AP 45, identical with AP 1, sec. 1, T. 2 S., R. 12 W., on the Eagletail Mountains Wilderness Area Bdy.

Dependent Resurvey of a Portion of the South Boundary, T. 1 S., R. 12 W., Gila and Salt River Meridian, Arizona

#### **CHAINS**

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.

**T1S R12W** 

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

40.02

The cor. of secs. 1, 2, 35 and 36, monumented with an iron post, 2 ins. diam., firmly set, projecting 9 ins. above ground, with brass cap mkd. T1S R12W S35 S36 S2 S1 T2S 1941, with a mound of stone, 3 ft. base, 1 1/2 ft. high, W. of cor.

Add the marks 1999 to the brass cap.

Metes-and-Bounds Survey of the Eagletail Mountains Wilderness Area Bdy., T. 1 S., R. 12 W., Gila and Salt River Mer., Arizona

From AP 1, identical with AP 16, sec. 33, T. 1 N., R. 12 W., on the N. bdy. of the Tp., on the Gila and Salt River Base Line, monumented with an aluminum rod, 3/4 in. diam., firmly set, projecting 9 ins. above ground, with aluminum cap mkd. T1N R12W S33 AP16 AP1 EMWA T1S 1999, as described in the metes-and-bounds survey of the Eagletail Mountains Wilderness Area Bdy., T. 1 N., R. 12 W., executed concurrently under this same group.

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

From this cor. point, the stan. cor. of secs. 33 and 34, bears S. 89°59′ E., 33.74 chs. dist., monumented with an iron post, 3 ins. diam., firmly set, projecting 20 ins. above ground, in a mound of stone, 5 ft. base, to top, with brass cap mkd. SC T1N R12W S33 S34 1914 1999, as described in the dependent resurvey of a portion of the Gila and Salt River Base Line, T. 1 N., R. 12 W., executed concurrently under this same group.

S. 27°40' W., on line 1-2, on the Eagletail Mountains Wilderness Area Bdy.

3.26

Point for AP 2.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 29 ins. in the ground, with aluminum cap mkd.

**CHAINS** 

T1S R12W

AP2
EMWA

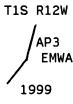
1999

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

S. 12°21' W., on line 2-3.

3.84 | Point for AP 3.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 30 ins. in the ground, with aluminum cap mkd.

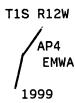


Cor. is located 30 ft. easterly of dirt road.

S. 42°32′ W., on line 3-4.

13.63 | Point for AP 4.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.



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

S. 10°56' W., on line 4-5.

3.07 | Point for AP 5.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 30 ins. in the ground, with aluminum cap mkd.

CHAINS

T1S R12W
AP5
EMWA
1999

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

S. 0°45' W., on line 5-6.

10.43

Point for AP 6.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 29 ins. in the ground, with aluminum cap mkd.

T1S R12W AP6 EMWA

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

S. 1°37′ W., on line 6-7.

9.19

Point for AP 7.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.

T1S R12W

AP7
EMWA
1999

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

S. 12°49' E., on line 7-8.

11.91

Point for AP 8.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.

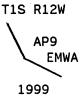
CHAINS	
	TIS R12W
	AP8
	EMWA
	1999

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

S. 36°16' E., on line 8-9.

7.57 | Point for AP 9.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 26 ins. in the ground, with aluminum cap mkd.



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

S. 54°12′ E., on line 9-10.

4.08 | Point for AP 10.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 32 ins. in the ground, with aluminum cap mkd.

T1S R12W



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

S. 26°23' E., on line 10-11.

3.49 | Point for AP 11.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 27 ins. in the ground, with aluminum cap mkd.

CHAINS

AP11 EMWA

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

S. 41°04' E., on line 11-12.

7.80 | Point for AP 12.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 27 ins. in the ground, with aluminum cap mkd.

T1S R12W



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

S. 47°00' E., on line 12-13.

4.59 | Point for AP 13.

Set an aluminum rod, 72 ins. long, 3/4 in. diam., 63 ins. in the ground, with aluminum cap mkd.

T1S R12W



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

S. 23°36' E., on line 13-14.

Point for AP 14, identical with vertical control benchmark 16JD, established by the U.S. Geological Survey in 1957, monumented with a brass cap, firmly set flush in a concrete encasement, 1 ft. square, projecting 8 ins. above the ground, with brass cap mkd. 1957 ELEVATION ABOVE SEA 1331 FEET 16JD.

3.55

CHAINS

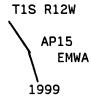
Cor. is located 30 ft. easterly of dirt road.

S. 31°00' E., on line 14-15.

14.19

Point for AP 15.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.



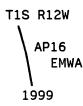
Cor. is located 30 ft. easterly of dirt road.

S. 22°51' E., on line 15-16.

10.74

Point for AP 16.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 27 ins. in the ground, with aluminum cap mkd.



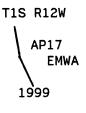
Cor. is located 30 ft. easterly of dirt road.

S. 11°48' E., on line 16-17.

6.00

Point for AP 17.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 26 ins. in the ground, with aluminum cap mkd.



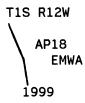
**CHAINS** 

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

S. 21°36' E., on line 17-18.

6.60 | Point for AP 18.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 27 ins. in the ground, with aluminum cap mkd.

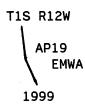


Cor. is located 30 ft. easterly of dirt road.

S. 8°16' E., on line 18-19.

5.64 | Point for AP 19.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.



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

S. 29°01' E., on line 19-20.

13.33 | Point for AP 20.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 24 ins. in the ground, in a mound of stone,  $2\ 1/2$  ft. base, to top, with aluminum cap mkd.



# Cor. is located 30 ft. easterly of dirt road.

S. 29°37' E., on line 20-21.

4.59 | Point for AP 21.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 30 ins. in the ground, with aluminum cap mkd.



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

S. 26°28' E., on line 21-22.

9.71 | Point for AP 22.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 32 ins. in the ground, with aluminum cap mkd.



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

S. 35°33' E., on line 22-23.

10.62 | Point for AP 23.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 30 ins. in the ground, with aluminum cap mkd.



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

## **CHAINS** S. 25°59' E., on line 23-24. 25.90 Point for AP 24. Set an aluminum rod, 36 ins. long, 3/4 in. diam., 29 ins. in the ground, with aluminum cap mkd. **T1S R12W EMWA** AP24 Cor. is located 30 ft. easterly of dirt road. S. 21°44' E., on line 24-25. 9.74 Point for AP 25. Set an aluminum rod, 36 ins. long, 3/4 in. diam., 29 ins. in the ground, with aluminum cap mkd. T1S R12W EMWA AP25 Cor. is located 30 ft. easterly of dirt road. S. 19°34' E., on line 25-26. 28.76 Point for AP 26. Set an aluminum rod, 36 ins. long, 3/4 in. diam., 30 ins. in the ground, with aluminum cap mkd. T1S R12W EMWA AP26 Cor. is located 30 ft. easterly of dirt road. S. 39°58' E., on line 26-27. Point for AP 27. 15.26

CHAINS

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 31 ins. in the ground, with aluminum cap mkd.



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

S. 29°57' E., on line 27-28.

15.68 | Point for AP 28.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 26 ins. in the ground, with aluminum cap mkd.



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

S. 16°48' E., on line 28-29.

17.27 | Point for AP 29.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 30 ins. in the ground, with aluminum cap mkd.



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

S. 38°00' E., on line 29-30.

7.16 | Point for AP 30.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 30 ins. in the ground, with aluminum cap mkd.

**CHAINS** 

T1S R12W EMWA AP30

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

S. 22°13' E., on line 30-31.

15.40 | Point for AP 31.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.



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

S. 42°51' E., on line 31-32.

11.93 | Point for AP 32.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.



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

S. 19°27' E., on line 32-33.

16.32 | Point for AP 33.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 29 ins. in the ground, with aluminum cap mkd.

CHAINS

T1S R12W EMWA AP33

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

S. 17°57′ E., on line 33-34.

40.48

Point for AP 34.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 30 ins. in the ground, with aluminum cap mkd.



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

S. 30°27′ E., on line 34-35.

14.94

Point for AP 35.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.



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

S. 17°42' E., on line 35-36.

22.92

Point for AP 36.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.

**CHAINS** 

T1S R12W EMWA AP36

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

S. 34°15′ E., on line 36-37.

22.75 | Point for AP 37.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 29 ins. in the ground, with aluminum cap mkd.



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

S. 35°14′ E., on line 37-38.

24.32 | Point for AP 38.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 29 ins. in the ground, with aluminum cap mkd.



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

S. 47°40' E., on line 38-39.

7.91 | Point for AP 39.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 29 ins. in the ground, with aluminum cap mkd.

**CHAINS T1S R12W EMWA AP39** 1999 Cor. is located 30 ft. easterly of dirt road. S. 50°34' E., on line 39-40. 12.78 Point for AP 40. Set an aluminum rod, 24 ins. long, 3/4 in. diam., 12 ins. in the ground, in a mound of stone, 2 ft. base, to top, with aluminum cap mkd. T1S R12W **EMWA AP40** 1999 Cor. is located 30 ft. easterly of dirt road. S. 21°19' E., on line 40-41. Point for AP 41. 21.98 Set an aluminum rod, 36 ins. long, 3/4 in. diam., 22 ins. in the ground, in a mound of stone, 2 ft. base, to top, with aluminum cap mkd. T1S R12W **EMWA** AP41 1999

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

S. 29°04' E., on line 41-42.

19.33 | Point for AP 42.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.

T1S R12W EMWA AP42

1999

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

S. 22°20' E., on line 42-43.

5.84 | Point for AP 43.

CHAINS

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.



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

S. 28°08' E., on line 43-44.

10.76 | Point for AP 44.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.



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

S. 39°52' E., on line 44-45.

6.37 AP 45, identical with AP 1, sec. 1, T. 2 S., R. 12 W., on the S. bdy. of the Tp., hereinbefore described.

From this cor. point, the cor. of secs. 1, 2, 35 and 36, bears West, 6.61 chs. dist, hereinbefore described.

#### **CHAINS**

From AP 46, identical with AP 12, sec. 1, T. 2 S., R. 12 W., on the S. bdy. of the Tp., hereinbefore described.

From this cor. point, the 1/4 sec. cor. of secs. 1, and 36, bears S. 89°58′ W., 1.76 chs. dist, hereinbefore described.

N. 12°56′ W., on line 46-47.

#### 11.74 | Point for AP 47.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 29 ins. in the ground, with aluminum cap mkd.

T1S R12W EMWA AP47 1999

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

N. 9°37' E., on line 47-48.

#### 18.28 | Point for AP 48.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 24 ins. in the ground, in a mound of stone, 2 ft. base, to top, with aluminum cap mkd.

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

N. 23°10' E., on line 48-49.

#### 6.53 | Point for AP 49.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 27 ins. in the ground, with aluminum cap mkd.

T1S R12W EMWA AP49 1999

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

N. 39°47' E., on line 49-50.

7.18 | Point for AP 50.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.

T1S R12W EMWA AP50

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

N. 2°52' E., on line 50-51.

23.16 | Point for AP 51.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.

T1S R12W EMWA AP51 1999

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

N. 10°00' E., on line 51-52.

19.33 | Point for AP 52.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 27 ins. in the ground, with aluminum cap mkd.

T1S R12W EMWA AP52 1999

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

CHAINS

N. 33°10′ W., on line 52-53.

7.04

Point for AP 53.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 20 ins. in the ground, in a mound of stone, 2 ft. base, to top, with aluminum cap mkd.

T1S R12W EMWA AP53

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

N. 15°23' W., on line 53-54.

4.48

Point for AP 54.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.

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

N. 20°41' E., on line 54-55.

8.52

Point for AP 55.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.

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

N. 6°01' E., on line 55-56.

CHAINS Point for AP 56. 9.07 Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd. **T1S R12W** EMWA Cor. is located 30 ft. westerly of dirt road. N. 15°06' E., on line 56-57. 10.27 Point for AP 57. Set an aluminum rod, 36 ins. long, 3/4 in. diam., 29 ins. in the ground, with aluminum cap mkd. T1S R12W **EMWA AP57** Cor. is located 30 ft. westerly of dirt road. N. 32°55' E., on line 57-58. 20.20 Point for AP 58. Set an aluminum rod, 36 ins. long, 3/4 in. diam., 29 ins. in the ground, with aluminum cap mkd. T1S R12W **EMWA** 1999 Cor. is located 30 ft. westerly of dirt road. N. 8°37′ W., on line 58-59. 5.30 Point for AP 59.

CHAINS

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.

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

N. 0°55' W., on line 59-60.

3.62 | Point for AP 60.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.

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

N. 22°39' E., on line 60-61.

6.43 | Point for AP 61.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 23 ins. in the ground, in a mound of stone, 2 ft. base, to top, with aluminum cap mkd.

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

N. 11°13' W., on line 61-62.

13.68 | Point for AP 62.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 27 ins. in the ground, with aluminum cap mkd.

CHAINS

T1S R12W EMWA AP62 1999

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

N. 12°47' E., on line 62-63.

5.56 | Point for AP 63.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.

T1S R12W EMWA AP63 1999

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

N. 32°40' E., on line 63-64.

10.66 | Point for AP 64.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.

T1S R12W EMWA AP64

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

N. 0°25' E., on line 64-65.

10.90 | Point for AP 65.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.

CHAINS

T1S R12W EMWA AP65 1999

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

N. 11°13′ E., on line 65-66.

11.52 | Point for AP 66.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.

T1S R12W EMWA AP66

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

N. 2°59' W., on line 66-67.

8.91 | Point for AP 67.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.

T1S R12W EMWA AP67 1999

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

N. 9°41' E., on line 67-68.

8.14 | Point for AP 68.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.

CHAINS

T1S R12W EMWA AP68 1999

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

N. 6°00' E., on line 68-69.

10.48 | Point for AP 69.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 30 ins. in the ground, with aluminum cap mkd.

T1S R12W EMWA AP69

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

N. 0°25' E., on line 69-70.

7.40 | Point for AP 70.

Set an aluminum rod, 36 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.



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

N. 45°54′ E., on line 70-71.

Point for AP 71, identical with the cor. of secs. 13, 18, 19 and 24 on the E. bdy. of Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 14 ins. above the ground, in a mound of stone, 3 ft. base, 12 ins. high, with a mound of stone, 3 ft. base, 2 ft. high, to the W., with brass cap mkd. TIS R12W R11W S13 S18 S24 S19 1941.

Metes-and-Bounds Survey of the Eagletail Mountains Wilderness Area

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Bdy,, T. 1 S., R. 12 W., Gila and Salt River Meridian, Arizona
CHAINS
        Add the marks 1999 to the brass cap.
         Description of the Eagletail Mountains Wilderness Area Boundary,
            T. 1 S., R. 12 W., Gila and Salt River Meridian, Arizona
           The following description is for informational purposes only.
        Beginning at Angle Point 1, identical with Angle Point 16, sec.
        33, T. 1 N., R. 12 W., on the N. bdy. of the Tp., on the Gila and
        Salt River Base Line.
        thence S. 27°40′ W., 3.26 chs. dist., to Angle Point 2;
        thence S. 12°21' W., 3.84 chs. dist., to Angle Point 3;
        thence S. 42°32' W., 13.63 chs. dist., to Angle Point 4;
        thence S. 10°56' W., 3.07 chs. dist., to Angle Point 5;
        thence S.
                   0°45′ W., 10.43 chs. dist., to Angle Point 6;
        thence S.
                  1°37 'W., 9.19 chs. dist., to Angle Point 7;
        thence S. 12°49' E., 11.91 chs. dist., to Angle Point 8;
        thence S. 36°16′ E., 7.57 chs. dist., to Angle Point 9;
        thence S. 54°12' E., 4.08 chs. dist., to Angle Point 10;
        thence S. 26°23' E., 3.49 chs. dist., to Angle Point 11;
        thence S. 41°04' E., 7.80 chs. dist., to Angle Point 12;
        thence S. 47°00' E., 4.59 chs. dist., to Angle Point 13;
        thence S. 23°36' E., 3.55 chs. dist., to Angle Point 14;
        thence S. 31°00' E., 14.19 chs. dist., to Angle Point 15;
        thence S. 22°51' E., 10.74 chs. dist., to Angle Point 16;
        thence S. 11°48' E., 6.00 chs. dist., to Angle Point 17;
        thence S. 21°36' E., 6.60 chs. dist., to Angle Point 18;
        thence S. 8°16' E., 5.64 chs. dist., to Angle Point 19;
        thence S. 29°01' E., 13.33 chs. dist., to Angle Point 20;
        thence S. 29°37' E., 4.59 chs. dist., to Angle Point 21;
        thence S. 26°28' E., 9.71 chs. dist., to Angle Point 22;
        thence S. 35°33' E., 10.62 chs. dist., to Angle Point 23;
        thence S. 25°59' E., 25.90 chs. dist., to Angle Point 24;
        thence S. 21°44' E., 9.74 chs. dist., to Angle Point 25;
        thence S. 19°34' E., 28.76 chs. dist., to Angle Point 26;
        thence S. 39°58' E., 15.26 chs. dist., to Angle Point 27;
        thence S. 29°57' E., 15.68 chs. dist., to Angle Point 28;
        thence S. 16°48' E., 17.27 chs. dist., to Angle Point 29;
        thence S. 38°00' E., 7.16 chs. dist., to Angle Point 30;
        thence S. 22°13 'E., 15.40 chs. dist., to Angle Point 31;
        thence S. 42°51' E., 11.93 chs. dist., to Angle Point 32;
        thence S. 19°27' E., 16.32 chs. dist., to Angle Point 33;
        thence S. 17°57' E., 40.48 chs. dist., to Angle Point 34;
        thence S. 30°27' E., 14.94 chs. dist., to Angle Point 35;
        thence S. 17°42' E., 22.92 chs. dist., to Angle Point 36;
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thence S. 34°15' E., 22.75 chs. dist., to Angle Point 37; thence S. 35°14' E., 24.32 chs. dist., to Angle Point 38;

T. 1 S., R. 12 W., Gila and Salt River Meridian, Arizona

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CHAINS
         thence S. 47°40' E., 7.91 chs. dist., to Angle Point 39;
         thence S. 50°34' E., 12.78 chs. dist., to Angle Point 40;
         thence S. 21°19' E., 21.98 chs. dist., to Angle Point 41;
         thence S. 29°04' E., 19.33 chs. dist., to Angle Point 42;
         thence S. 22°20' E., 5.84 chs. dist., to Angle Point 43;
         thence S. 28°08' E., 10.76 chs. dist., to Angle Point 44;
         thence S. 39°52' E., 6.37 chs. dist., to Angle Point 45,
              identical with Angle Point 1, sec. 1, T. 2 S., R. 12 W., on
              the S. bdy. of the Tp.;
         From Angle Point 46, identical with Angle Point 12, sec. 1,
         T. 2 S., R. 12 W., on the S. bdy. of the Tp.
         thence N. 12°56' W., 11.74 chs. dist., to Angle Point 47;
         thence N. 9°37' E., 18.28 chs. dist., to Angle Point 48;
         thence N. 23°10' E., 6.53 chs. dist., to Angle Point 49;
         thence N. 39°47' E., 7.18 chs. dist., to Angle Point 50;
         thence N. 2°52' E., 23.16 chs. dist., to Angle Point 51;
         thence N. 10°00 'E., 19.33 chs. dist., to Angle Point 52;
         thence N. 33^{\circ}10' W., 7.04 chs. dist., to Angle Point 53; thence N. 15^{\circ}23 'W., 4.48 chs. dist., to Angle Point 54;
         thence N. 20°41' E., 8.52 chs. dist., to Angle Point 55;
                    6°01' E., 9.07 chs. dist., to Angle Point 56;
         thence N. 15°06' E., 10.27 chs. dist., to Angle Point 57;
         thence N. 32°55' E., 20.20 chs. dist., to Angle Point 58;
                    8°37′ W., 5.30 chs. dist., to Angle Point 59;
         thence N.
                    0°55′ W., 3.62 chs. dist., to Angle Point 60;
         thence N. 22°39' E., 6.43 chs. dist., to Angle Point 61;
         thence N. 11°13′ W., 13.68 chs. dist., to Angle Point 62;
         thence N. 12°47' E., 5.56 chs. dist., to Angle Point 63;
         thence N. 32°40' E., 10.66 chs. dist., to Angle Point 64;
         thence N. 0°25' E., 10.90 chs. dist., to Angle Point 65;
         thence N. 11°13' E., 11.52 chs. dist., to Angle Point 66;
                    2°59' W., 8.91 chs. dist., to Angle Point 67;
         thence N.
                    9°41' E., 8.14 chs. dist., to Angle Point 68;
                   6°00' E., 10.48 chs. dist., to Angle Point 69;
         thence N.
         thence N.
                    0°25' E., 7.40 chs. dist., to Angle Point 70;
         thence N. 45°54' E., 4.61 chs. dist., to Angle Point 71,
              identical with the cor. of secs. 13, 18, 19 and 24, on the
              E. bdy. of the Tp.
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#### T. 1 S., R. 12 W., Gila and Salt River Meridian, Arizona

#### CHAINS

#### General Description

The Eagletail Mountains Wilderness Area is located about 65 miles west of Phoenix, Arizona, in Maricopa, Yuma and LaPaz counties.

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.

Access is by way of Harquahala Valley Road, which connects to Interstate 10 near Tonapah, Arizona. There are numerous trail roads throughout the region.

Elevation is about 1600 feet above sea level.

Principle uses of the surrounding area include irrigated farming, ranching, and recreation.

There was mining activity in the past, but no current activity in the area was noted during the course of the survey.

The mean magnetic declination of 12  $3/4^{\circ}$  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.

## 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 dependently resurveyed a portion of the south boundary and performed the metes-and-bounds survey of the Eagletail Mountains Wilderness Area Boundary, Township 1 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	Sa R. Saloren			
(Date)	(Cadastra) Surveyor)			
	CERTIFICATE OF APPROVAL			
	BUREAU OF LAND MANAGEMENT Arizona State Office Phoenix, Arizona			
boundary and the metes-and-bound Boundary, Township 1 South, Rang	e dependent resurvey of a portion of the south ds survey of the Eagletail Mountains Wilderness Area ge 12 West, Gila and Salt River Meridian, Arizona, astral Surveyor, having been critically examined and ved.			
July 30, 2001	Kenny Dravnikar			
(Date)	(Chief Cadastral Surveyor of Arizona)			
	ERTIFICATE OF TRANSCRIPT			
	ENTITIONIE OF THANGONIE			
I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 1 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)