# ORIGINAL

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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY

AND A PORTION OF THE SUBDIVISIONAL LINES,

AND THE METES-AND-BOUNDS SURVEY

OF THE

PELONCILLO MOUNTAINS WILDERNESS AREA BOUNDARY

IN TOWNSHIP 13 SOUTH, RANGE 31 EAST

Of the Gila and Salt River Meridian,

In the State of <u>Arizona</u>

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EXECUTED BY Robert C. Umbanhowar, Cadastral Surveyor

Under Special Instructions dated <u>January 6, 1992</u>, approved <u>January 6, 1992</u>, which provided for the surveys included under Group Number 739 and assignment instructions dated <u>August 6, 1992</u>.

Survey commenced <u>December</u>, 1, 1992 Survey completed <u>June 13, 1993</u> BOOK 54 08

### INDEX DIAGRAM

### TOWNSHIP <u>13 SOUTH</u>, RANGE <u>31 EAST</u>,

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Metes-and-Bounds Survey - pp. 8-26

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	T. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona
CHAINS	The following field notes are those of the dependent resurvey of a portion of the east boundary and a portion of the subdivisional lines, and the metes-and-bounds survey of the Peloncillo Mountains Wilderness Area Boundary, Township 13 South, Range 31 East, Gila and Salt River Meridian, Arizona.
	The history of surveys pertaining to this resurvey is as follows: R.C. Powers surveyed the boundaries and the subdivisional lines in 1883. William B. Kimmel resurveyed a portion of the north and east boundaries in 1914. Guy R. Veal and Karl L. Siebecker resurveyed the east boundary in 1919. F. W. Chapin resurveyed the north boundary in 1922. Clarence E. Bilbray remonumented certain corners on the east boundary and resurveyed the subdivisional lines in 1952.
	The survey was executed in accordance with the specifications as set forth in the <u>Manual of Surveying Instructions, 1973</u> , and the Special Instructions dated January 6, 1992, for Group No. 739, 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 and monumented 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 purpose of this survey was to determine the boundary of Peloncillo Mountains Wilderness Area.
	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 Topcon GTS3B Total Station and a Pentax PTS-iii05 Total Station.
	The geographic position of the cor. of Tps. 12 and 13 S., Rs. 31 and 32 E., as determined by a tie to U.S. Geological Survey triangulation station "Gazelle 1948", located in Sec. 34, T. 12 S., R. 31 E., is as follows:
	Latitude: 32°20'21.35" N. Longitude: 109°07'28.71" W. NAD 27
	The mean magnetic declination as taken from quadrangle map ENGINE MOUNTAIN, 1987, is 11 $1/2^{\circ}$ E.

Form 9600-10a (November 1987) USDI-BLM

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BOOK 54 08

Dependent Resurvey of a Portion of the East Boundary T. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona

	1. 15 S., R. SI E., GIIA and Salt River Heridian, Arizona
CHAINS	Restoring the resurvey executed by Guy R. Veal and Karl L. Siebecker, in 1919.
	Beginning at the cor. of secs. 12 and 13 only, on the E. bdy. of the Tp., monumented with an iron post, $2 \ 1/2$ ins. diam., firmly set, projecting 8 ins. above ground, with a mound of stone to the W., 3 ft. base, 2 ft. high, with brass cap mkd. T13S R31E S12 S13 T13S R32E S18 1952.
	Add the marks 1993 to the brass cap.
	Cor. is located in a barbed wire fence, 4 strand, bears N. and S.
	N. 0°13' E., on the E. bdy. of sec. 12.
	Over rolling, rocky land, through scattering undergrowth.
1.60	The cor. of secs. 7 and 18 only, T. 13 S., R. 32 E., monumented with an iron post, 2 ins. diam., firmly set, projecting 15 ins. above the ground, in a scattered mound of stone, mkd. T13S S7 S18 R32E 1919.
	Add the marks 1993 to brass cap.
	Cor. is located in a barbed wire fence, 4 strand, bears N. and S.
	N. 0°31' E., beginning new measurement.
22.64	Trail road, bears E. and W.
23.09	Point for AP 46, identical with AP 5, T. 13 S., R. 32 E., on the Peloncillo Mountains Wilderness Area Bdy., hereinafter described.
37.96	The 1/4 sec. cor. of sec. 12 only, monumented with an iron post, 1 in. diam., firmly set, projecting 28 ins. above ground, in a scattered mound of stone, with brass cap mkd. 1/4 S12 1919.
	Add the marks T13S R31E 1993 to the brass cap.
	Rebuild the mound of stone, 4 ft. base, to top.
	Cor. is located 12 lks. E. of wire fence, 4 strand barb wire, bears N. and S.
	N. 2°43' W., beginning new measurement.

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FIELD NOTE PAPER

B00K 5408

Dependent Resurvey of a Portion of the East Boundary T. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona

CHAINS 1.64	The 1/4 sec. cor. of sec. 7 only, T. 13 S., R. 32 E., monumented with an iron post, 1 in. diam., loosely set, projecting 16 ins. above a scattering mound of stone, with brass cap mkd. 1/4 S7 1919.
	At the cor. point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., on rock surface, in a supporting mound of stone, 5 ft. base, to top, with brass cap mkd.
	T13S R31E   R32E   1/4 S7 1993
	Deposit a magnet in a $1 \times 1 \times 2$ ins. white plastic case inside the stainless steel post.
	Deposit the iron post in the supporting mound of stone.
	N 0°21' E., beginning new measurement.
38.60	The cor. of secs. 1 and 12 only, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 7 ins. above ground, with a mound of stone to the W., 3 ft. base, 2 ft. high, with brass cap mkd. T13S R31E S1 S12 T13S R32E S7 1952.
	Add the marks 1992 to the brass cap.
	N. 0°07' W., on the E. bdy. of sec. 1.
1.94	The cor. of secs. 6 and 7 only, T. 13 S., R. 32 E., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 25 ins. above ground, in a supporting mound of stone, 4 ft. base, 2 1/2 ft high, with brass cap mkd. T13S S6 S7 R32E 1952.
	Add the marks 1992 to the brass cap.
	N. 0°11' E., beginning new measurement.
39.20	Wash, 23 lks. wide, 4 ft. deep, drains WSW.
39.88	The 1/4 sec. cor. of sec. 6 only, T. 13 S., R 32 E., monumented with an iron post, 1 in. diam., loosely set, projecting 24 ins. above ground in a scattered mound of stone, with brass cap mkd. 1/4 S6 1919.
	At the cor. point

Dependent Resurvey of a Portion of the East Boundary T. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona

CHAINS	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 3 ins. in the ground, to bedrock, in a supporting mound of stone, 3 ft. base, to top, with brass cap mkd.
	T13S R31E   R 32E   1/4 S6 1993
	Deposit a magnet in a $1 \times 1 \times 2$ ins. white plastic case inside the stainless steel post.
	Remove the brass cap from the iron post and deposit in the mound of stone.
	N. 12°58' W., beginning new measurement.
0.14	The 1/4 sec. cor. of sec. 1 only, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 12 ins. above ground, with mound of stone to the W., 3 ft. base, 2 ft. high, with brass cap mkd. T13S R31E 1/4 S1 1952.
	Add the marks 1992 to the brass cap.
	N. 1°40' W., beginning new measurement.
20.72	Point for AP 13, identical with AP 4, T. 13 S., R. 32 E., on the Peloncillo Mountains Wilderness Area Bdy., hereinafter described.
22.58	Point for AP 12, identical with AP 1, T. 13 S., R. 32 E., on the Peloncillo Mountains Wilderness Area Bdy., hereinafter described.
39.89	The cor. of Tps. 12 and 13 S., Rs. 31 and 32 E., monumented with an iron post, 3 ins. diam., firmly set, projecting 27 ins. above ground, in a mound of stone, 4 ft. base to top, with a mound of stone to the S., 3 ft. base x 2 ft. high, with brass cap mkd. T12S R31E R32E S36 S31 S1 S6 T13S 1914 1992 as described in the field notes of the dependent resurvey of the S. bdy. of T. 12 S., R. 31 E., executed concurrently under this same group.
	From this cor. point, U.S.G.S. triangulation station, "Gazelle 1948", with published latitude of 32020'44.927" N. and longitude of 109009'18.250" W., NAD 27, bears N. 75045'59" W., (forward bearing), 146.92 chs. dist., monumented with a standard brass tablet, 3 ins. diam., firmly set in bedrock with top mkd., GAZELLE 1948 and a triangle.

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Dependent Resurvey of a Portion of the Subdivisional Lines T. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona

CHAINS	Postoving the veryway evented
	Restoring the resurvey executed by Clarence E. Bilbray, in 1952
	From the cor. of secs. 1 and 12, only, on the E. bdy. of the Tp., hereinbefore described.
	S. 89°46' W., bet. secs. 1 and 12.
	Over rolling, rocky land, through scattering undergrowth.
40.28	The 1/4 sec. cor. of secs. 1 and 12, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, with a mound of stone to the N., 3 ft. base, 1 ft. high, with brass cap mkd. 1/4 S1 S12 1952.
	Add the marks T13S R31E 1993 to the brass cap.
	S. 89°47' W., beginning new measurement.
0.38	Point for AP 31, on the Peloncillo Mountains Wilderness Area Bdy., hereinafter described.
0.68	Trail road, bears NW. and SE.
40.31	The cor. of secs. 1, 2, 11 and 12 monumented with an iron post, 2 $1/2$ ins. diam., firmly set, projecting 6 ins. above ground, with a mound of stone to the W., 3 ft. base x 2 ft. high, with brass cap mkd. T13S S2 S1 S11 S12 1952.
	Add the marks 1992 to the brass cap.
	N. 0°36' W., bet. secs. 1 and 2.
40.86	The 1/4 sec. cor. of secs. 1 and 2, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, with a mound of stone to the W., 3 ft. base, 2 1/2 ft. high, with brass cap mkd., 1/4 S2 S1 1952.
	Add the marks 1993 to the brass cap.
	N. 0°35' W., beginning new measurement.
40.98	The cor. of secs. 1 and 2, only, on the N. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd. T12S R31E S35 S2 S1 T13S 1992, as described in the field notes of the dependent resurvey of the S. bdy. of T. 12 S., R. 31 E., executed concurrently under this same group.

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8 Metes-and-Bounds Survey of the Peloncillo Mountains Wilderness Area Boundary T. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona

CHAINS	In Sec. 1
	From the point for AP 1, identical with AP 34, T. 12 S., R. 31 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. T12S R31E S36 S1 AP 34 AP1 PMWA T13S R31E 1992 as described in the field notes of the dependent resurvey of the Metes-and- Bounds survey of the Peloncillo Mountains Wilderness Area Boundary of T. 12 S., R. 31 E., executed concurrently under this same group.
	S. 23°24' W., on line 1-2.
2.62	Point for AP 2.
	Set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, in a drill hole cemented in place on a rock surface, 240 ft. x 200 ft. with top mkd.
	T13S R31E
	S1 AP2 PMWA 1993
	Deposit a magnet, 1 x 7/8 ins. diam. beneath brass tablet.
	Cor. is located 33 lks. E. of trail road, bears NNE. and SSW.
	S. 27°03' E., on line 2-3.
6.15	Point for AP 3.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.
	T13S R31E
	S1 AP3 PMWA 1993
	Deposit a magnet in a $1 \ge 1 \ge 2$ ins. white plastic case inside the stainless steel post.
	Cor. is located 91 lks. E. of trail road, bears SSE. and WNW.
	S. 6°20' E., on line 3-4.

Metes-and-Bounds Survey of the Peloncillo Mountains Wilderness Area Boundary T. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona Point for AP 4. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam.,

24 ins. in the ground, with brass cap mkd.

T13S R31E AP4 PMWA

Deposit a magnet in a  $1 \ge 1 \ge 2$  ins. white plastic case beneath the stainless steel post.

1993

Cor. is located 51 lks. E. of trail road, bears ESE. and NW.

S. 82°56' E., on line 4-5.

5.26 Point for AP 5.

CHAINS

3.86

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T13S R31E PMWA AP5 S1 1993

Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.

Cor. is located 38 lks. N. of trail road, bears SE. and W.; and 218 lks. S. of wash, 4 lks. wide, 1.5 ft. deep, drains WSW.

S. 73°09' E., on line 5-6.

13.01 Point for AP 6.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.

T13S R31E PMWA AP 6 S1 1993

Metes-and-Bounds Survey of the

Peloncillo Mountains Wilderness Area Boundary T. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona

CHAINS Deposit a magnet in a 1 x 1 x 2 ins. white plastic case inside the stainless steel post. Cor. is located 32 lks. N. of trail road, bears E. and W.; and 100 lks. S. of wash, 27 lks. wide, 1 ft. deep, drains W. N. 77°59' E., on line 6-7. 5.72 Point for AP 7. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T13S R31E PMWA AP 7 S1 1993 Deposit a magnet in a  $1 \times 1 \times 2$  ins. white plastic case beneath stainless steel post. Cor. is located 41 lks. N. of trail road, bears E. and W.; and 145 lks. S. of wash, 12 lks. wide, 1 ft. deep, drains W. S. 80°53' E., on line 7-8. 5.27 Point for AP 8. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T13S R31E PMWA AP 8 S1 1993 Deposit a magnet in a  $1 \times 1 \times 2$  ins. white plastic case inside stainless steel post. Cor. is located 44 lks. N. of trail road, bears SE. and WNW.; and 118 lks. S. of wash, 12 lks. wide, 1 ft. deep, drains W. S. 71°49' E., on line 8-9. Point for AP 9. 4.40

Metes-and-Bounds Survey of the Peloncillo Mountains Wilderness Area Boundary T. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona CHAINS Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, encircled with a collar of stone, 2 ft. diam., with brass cap mkd. T13S R31E PMWA AP 9 S1 1993 Deposit a magnet in a  $1 \times 1 \times 2$  ins. white plastic case inside the stainless steel post. Cor. is located 41 lks. N. of trail road, bears E. and W.; and 40 lks. S. of wash, 10 lks. wide, 1 ft. deep, drains W. S. 77°17' E., on line 9-10. 4.16 Point for AP 10. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T13S R31E PMWA AP 10 S11993 Deposit a magnet in a 1 x 1 x 2 ins. white plastic case inside stainless steel post. Cor. is located 49 lks. N. of trail road, bears ENE. and WNW.; and 121 lks. N. of wash, 14 lks. wide, 2 ft. deep, drains NW. N. 16°28' E., on line 10-11. 1.05 Point for AP 11. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, to bedrock, in a supporting mound of stone, 4 ft. base, to top, with brass cap mkd.

BOOK 5408 Metes-and-Bounds Survey of the Peloncillo Mountains Wilderness Area Boundary T. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona CHAINS T13S R31E PMWA AP 11 **S**1 Deposit a magnet in a  $1 \times 1 \times 2$  ins. white plastic case inside stainless steel post. Cor. is located on N. slope of a ridge, bears ENE. and WSW.; 46 lks. S. of wash, 15 lks. wide, 6 ft. deep, drains WSW.; and 24 lks. WNW. of corral fence cor., bears S. and ENE. N. 85°41' E., on line 11-12. 2.29 Point for AP 12, identical with AP 1, T. 13 S., R. 32 E., on the E. bdy. of the Tp. Set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, in a drill hole cemented in place on a rock ledge, 500 x 100 x 24 ft. high, mkd. T13S R31E R32E PMWA AP12 | AP1 S1**S**6 1993 Deposit a magnet, 1 in. x 7/8 ins. diam., beneath brass tablet. From this cor. point, the cor. of Tps. 12 and 13 S., Rs. 31 and 32 E., bears N. 1°40' W., 17.31 chs. dist., hereinbefore described. From the point for AP 13, identical with AP 4, T. 13 S., R. 32 E., on E. bdy. of the Tp. Set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, in a drill hole cemented in place on a rock ledge, 40 x 24 x 25 ft. high, mkd.

Metes-and-Bounds Survey of the Peloncillo Mountains Wilderness Area Boundary T. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona

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CHAINS	$\begin{array}{c c} T13S\\ R31E & R32E\\ \underline{S1} & S6\\ AP13 & AP4\\ PMWA\\ 1993 \end{array}$
	Deposit a magnet 1 x $7/8$ ins. diam. beneath brass tablet.
	From this cor. point, the 1/4 sec. cor. of sec. 1 only, bears S. 1#40' E., 20.72 chs. dist., hereinbefore described.
	S. 86°59' W., on line 13-14.
2.45	Point for AP 14.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.
	T13S R31E S1
	AP14 PMWA 1993
	Deposit a magnet in a $1 \ge 1 \ge 2$ ins. white plastic case inside stainless steel post.
	Cor. is located 30 lks. S. of trail road, bears ENE. and WNW.; and 50 lks. N. of wash, 14 lks. wide, 2 ft. deep, drains NW.
	N. 77°33' W., on line 14-15.
4.55	Point for AP 15.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, to bedrock, in a mound of stone, 4 ft. base, to top, with brass cap mkd.
	T13S R31E S1
	AP15
	PMWA 1993
	Deposit a magnet in a 1 x 1 x 2 ins. white plastic case inside stainless steel post.

Metes-and-Bounds Survey of the Peloncillo Mountains Wilderness Area Boundary T. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona CHAINS Cor. is located 36 lks. S. of trail road, bears E. and W.; and 116 lks. S. of wash, 10 lks. wide, 1 ft. deep, drains W. S. 80°45' W., on line 15-16. 4.73 Point for AP 16. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, encircled with a collar of stone, 24 ins. diam., with brass cap mkd. T13S R31E S1AP16 PMWA 1993 Deposit a magnet in a  $1 \times 1 \times 2$  ins. white plastic case inside stainless steel post. Cor. is located 44 lks. S. of trail road, bears ENE. and W. S. 77°33' W., on line 16-17. 4.86 Point for AP 17. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. T13S R31E S1AP17 PMWA 1993 Deposit a magnet in a 1 x 1 x 2 ins. white plastic case inside stainless steel post. Cor. is located 31 lks. S. of trail road, bears ENE. and WSW. S. 55°02' W., on line 17-18. 3.05 Point for AP 18. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.

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	Metes-and-Bounds Survey of the
	Peloncillo Mountains Wilderness Area Boundary
	T. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona
CHAINS	T13S R31E
	S1
	AP18
	PMWA
	1993
	1993
	Deposit a magnet in a 1 x 1 x 2 ins. white plastic case inside stainless steel post.
	Cor. is located 24 lks. S. of trail road, bears NE. and W.
	S. 67°21' W., on line 18-19.
17.58	Point for AP 19.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.
	T13S R31E S1
	3010
	AP19
	PMWA 1002
	1993
	Deposit a magnet in a $1 \times 1 \times 2$ ins. white plastic case inside stainless steel post.
	Cor. is located 44 lks. S. of trail road, bears ENE. and WSW.; and 345 lks. N. of wash, 5 lks. wide, 2 ft. deep, drains W.
	S. 60°33' W., on line 19-20.
5.41	Point for AP 20.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.
	T13S R31E
	S1
	AP20
	PMWA
	1993
	Deposit a magnet in a $1 \times 1 \times 2$ ins. white plastic case inside stainless steel post.

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Metes-and-Bounds Survey of the Peloncillo Mountains Wilderness Area Boundary T. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona CHAINS Cor. is located 50 lks. S. of trail road, bears NE. and SW. S. 49°16' W., on line 20-21. 5.59 Point for AP 21. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd. T13S R31E S1 AP21 PMWA 1993 Deposit a magnet in a 1 x 1 x 2 ins. white plastic case inside stainless steel post. Cor. is located 38 lks. E. of trail road, bears NE. and WSW.; and 36 lks. S. of trail road, bears NE. and WSW. S. 56°46' W., on line 21-22. 8.81 Point for AP 22. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd. T13S R31E S1AP22 PMWA 1993 Deposit a magnet in a 1 x 1 x 2 ins. white plastic case inside stainless steel post. Cor. is located 41 lks. E. of trail road, bears NE. and SW. S. 41°31' W., on line 22-23. 7.14 Point for AP 23. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.

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	17 Metes-and-Bounds Survey of the
	Peloncillo Mountains Wilderness Area Boundary
	T. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona
CHAINS	T13S R31E
	S1
	AP23
	/ PMIWA 1993
	Deposit a magnet in a 1 x 1 x 2 ins. white plastic case inside stainless steel post.
	Cor. is located 45 lks. E. of trail road, bears NE. and SSW.; and 200 lks. W. of wash, 12 lks. wide, 1 ft. deep, drains SSW.
	S. 10°21' W., on line 23-24.
6.67	Point for AP 24.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T13S R31E
	s1 /
	AP24 PMWA
	1993
	Deposit a magnet in a $1 \ge 1 \ge 2$ ins. white plastic case inside stainless steel post.
	Cor. is located 34 lks. E. of trail road, bears N. and SW.; and 200 lks. W. of wash, 100 lks. wide, 1 ft. deep, drains SW.
	S. 35°02' W., on line 24-25.
4.29	Point for AP 25.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T13S R31E
	s1
	AP25
	1993
	Deposit a magnet in a 1 x 1 x 2 ins. white plastic case inside stainless steel post.

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Metes-and-Bounds Survey of the Peloncillo Mountains Wilderness Area Boundary T. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona CHAINS Cor. is located 91 lks. S. of trail road, bears NE. and SSW. S. 40°31' E., on line 25-26. 10.75 Point for AP 26. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd. T13S R31E AP26 **S1** PMWA 1993 Deposit a magnet in a  $1 \times 1 \times 2$  ins. white plastic case inside stainless steel post. Cor. is located 41 lks. E. of trail road, bears SE. and NW. S. 47°45' E., on line 26-27. 5.30 Point for AP 27. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T13S R31E AP27 PMWA **S**1 1993 Deposit a magnet in a  $1 \times 1 \times 2$  ins. white plastic case inside stainless steel post. Cor. is located 64 lks. N. of trail road, bears SSE. and NW. S. 13°46' E., on line 27-28. 8.77 Point for AP 28. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam.,

21 ins. in the ground, with brass cap mkd.

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	Metes-and-Bounds Survey of the Peloncillo Mountains Wilderness Area Boundary I. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona
CHAINS	T13S R31E PMWA AP28 S1 1993
	Deposit a magnet in a $1 \times 1 \times 2$ ins. white plastic case inside stainless steel post.
	Cor. is located 36 lks. N. of trail road, bears E. and NNW.
	S. 86°31' E., on line 28-29.
2.52	Point for AP 29.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.
	T13S R31E PMWA AP29
	S1 1993
	Deposit a magnet in a 1 x 1 x 2 ins. white plastic case inside stainless steel post.
	Cor. is located 45 lks. N. of wash, 27 lks. wide, 1 ft. deep, drains W.
	S. 33°19' E., on line 29-30.
4.08	Point for AP 30.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T13S R31E S1 PMWA AP30 1993
	Deposit a magnet in a 1 x 1 x 2 ins. white plastic case inside stainless steel post.

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Metes-and-Bounds Survey of the Peloncillo Mountains Wilderness Area Boundary T. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona CHAINS Cor. is located 36 lks. E. of trail road, bears SSE. and NW. S. 31°11' E., on line 30-31. 3.50 Point for AP 31, on the line bet. secs. 1 and 12. Set a stainless steel post, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. T13S R31E S1 AP31 -PMWA S12 Deposit a magnet in a  $1 \times 1 \times 2$  ins. white plastic case inside the stainless steel post. From this cor. point, the 1/4 sec. cor. of secs. 1 and 12, bears N. 89°47' E., 0.38 chs. dist., hereinbefore described. In Sec. 12 S. 41°48' E., on line 31-32. 3.04 Point for AP 32. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. T13S R31E AP32 PMWA 1993 Deposit a magnet in a  $1 \times 1 \times 2$  ins. white plastic case beneath stainless steel post. Cor. is located 72 lks. E. of trail road, bears NNW. and NE. S. 40°50' W., on line 32-33. 4.74 Point for AP 33. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam.,

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Metes-and-Bounds Survey of the

Peloncillo Mountains Wilderness Area Boundary

T. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona

CHAINS	26 ins. in the ground, with brass cap mkd. T13S R31E		
	S12 AP33 PMWA		
	1993		
	Deposit a magnet in a $1 \ge 1 \ge 2$ ins. white plastic case beneath stainless steel post.		
	Cor. is located 49 lks. E. of trail road, bears NNE. and SSE.		
	S. 14°47' E., on line 33-34.		
6.77	Point for AP 34.		
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.		
	T13S R31E		
	S12 AP34 PMWA		
	1993		
	Deposit a magnet in a $1 \ge 1 \ge 2$ ins. white plastic case beneath stainless steel post.		
	Cor. is located 48 lks. E. of trail road, bears N. and S.		
	S. 16°53' W., on line 34-35.		
	Point for AP 35.		
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.		
	T13S R31E		
	S12 AP35 PMWA		
	1993		

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Metes-and-Bounds Survey of the Peloncillo Mountains Wilderness Area Boundary T. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona CHAINS Deposit a magnet in a  $1 \times 1 \times 2$  ins. white plastic case beneath stainless steel post. Cor. is located 36 lks. E. of trail road, bears SSW. and NNE. S. 31°44' W., on line 35-36. 8.13 Point for AP 36. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd. T13S R31E AP36 S12 PMWA 1993 Deposit a magnet in a  $1 \times 1 \times 2$  ins. white plastic case beneath stainless steel post. Cor. is located 38 lks. E. of trail road, bears NNE. and SSW. S. 28°07' W., on line 36-37. 10.64 Point for AP 37. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd. T13S R31E S12 PMWA 1993 Deposit a magnet in a  $1 \times 1 \times 2$  ins. white plastic case beneath stainless steel post. Cor. is located 30 lks. E. of trail road, bears NNE. and SSW. S. 31°26' W., on line 37-38. 10.88 Point for AP 38. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.

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	23 Metes-and-Bounds Survey of the Peloncillo Mountains Wilderness Area Boundary T. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona
CHAINS	T13S R31E
	s12
	AP38
	1993
	Deposit a magnet in a $1 \ge 1 \ge 2$ ins. white plastic case beneath stainless steel post.
	Cor. is located 35 lks. E. of trail road, bears NE. and S.
	S. 21°40' W., on line 38-39.
5.38	Point for AP 39.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.
	T13S R31E
	PMWA AP39
	S12 1993
	Deposit a magnet in a $1 \times 1 \times 2$ ins. white plastic case beneath stainless steel post.
	Cor. is located 38 lks. N. of trail road, bears E. and NW.
	S. 84°08' E., on line 39-40.
9.07	Point for AP 40.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.
	T13S R31E PMWA
	AP40
	S12 1993
	Deposit a magnet in a $1 \ge 1 \ge 2$ ins. white plastic case beneath stainless steel post.
	Cor. is located 30 lks. N. of trail road, bears W. and ENE.

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Metes-and-Bounds Survey of the Peloncillo Mountains Wilderness Area Boundary T. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona CHAINS N. 82°38' E., on line 40-41. 4.91 Point for AP 41. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd. T13S R31E PMWA AP41 S12 1993 Deposit a magnet in a  $1 \times 1 \times 2$  ins. white plastic case beneath stainless steel post. Cor. is located 42 lks. N. of trail road, bears E. and W. S. 87°58' E., on line 41-42. 9.37 Point for AP 42. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd. T13S R31E PMWA AP42 S12 1993 Deposit a magnet in a  $1 \times 1 \times 2$  ins. white plastic case beneath stainless steel post. Cor. is located 30 lks. N. of trail road, bears E. and WSW. S. 80°32' E., on line 42-43. 9.21 Point for AP 43. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.

	BOOK 5408				
	25 Metes-and-Bounds Survey of the				
	Peloncillo Mountains Wilderness Area Boundary				
	T. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona				
CHAINS m12g p21p					
	T13S R31E				
	PMWA				
	AP43				
	S12				
	1993				
	Deposit a magnet in a $1 \times 1 \times 2$ ins. white plastic case beneath				
	stainless steel post.				
	Cor. is located 30 lks. N. of trail road, bears W. and ESE.				
	G 7(1001 B an line 40 44				
	S. 76°22' E., on line 43-44.				
14.39	Point for AP 44.				
14.39	POINT IOI AP 44.				
	Pot a stainloss steel most 29 ing long 21/2 ing diam				
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam.,				
	27 ins. in the ground, with brass cap mkd.				
	m120 p21p				
	T13S R31E				
	PMWA AD44				
	AP44				
	S12				
	1993				
	1995				
	Deposit a magnet in a $1 \times 1 \times 2$ ins. white plastic case beneath				
	stainless steel post.				
	Cor. is located 32 lks. E. of trail road, bears ENE. and W.				
	N. 77°55' E., on line 44-45.				
5.48	Point for AP 45.				

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.

T13S R31E PMWA AP45 S12 1993

Deposit a magnet in a  $1 \times 1 \times 2$  ins. white plastic case beneath stainless steel post.

Cor. is located 76 lks. N. of trail road, bears ESE. and W.

26 Metes-and-Bounds Survey of the Peloncillo Mountains Wilderness Area Boundary T. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona CHAINS S. 58°31' E., on line 45-46. 7.20 Point for AP 46, identical with AP 5, T.13 S., R. 32 E., on the E. bdy. of the Tp. Set a stainless steel post, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. T13S R31E R32E PMWA AP46 | AP5 S12 S7 1993 Deposit a magnet in a  $1 \times 1 \times 2$  ins. white plastic case beneath the stainless steel post. Cor. is located in a barbed wire fence, 4 strand, bears N. and S. From this cor. point, the 1/4 sec.cor. of sec. 12 only, bears N. 0°31 ' E., 14.87 chs. dist., hereinbefore described. GENERAL DESCRIPTION This survey is located approximately 7 miles northeast of the town of San Simon, Arizona. The elevation ranges from 4000 feet to 4600 feet above sea level. The general terrain encompassed in this resurvey is rolling foothills in the northeastern portion of the township to level desert in the remainder of the township. The drainage is to the southwest to the San Simon River, which then drains northwest to the Gila River basin. The soil is generally rocky and does not promote much usable vegetation. Various cacti, greasewood, and agave abound. There are various range improvements in the township consisting of improved dirt roads, corrals and water tanks. Land usage consists primarily of grazing cattle. Other significant uses of the land would be for recreational and hunting purposes. Quail, javelina, rabbits and lizards are abundant in the area encompassed by this survey.

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T. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona

CHAINS Description of the Peloncillo Mountains Wilderness Area Boundary T. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona The following description is for informational purposes only. Beginning at Angle Point 1, on the N. bdy. of the Tp., identical with Angle Point 34, T. 12 S., R. 31 E. thence S. 23°24' W., 2.62 chs. dist., to Angle Point 2; thence S. 27°03' E., 6.15 chs. dist., to Angle Point 3; thence S. 6°20' E., 3.86 chs. dist., to Angle Point 4; thence S. 82°56' E., 5.26 chs. dist., to Angle Point 5; thence S. 73°09' E., 13.01 chs. dist., to Angle Point 6; thence N. 77°59' E., 5.72 chs. dist., to Angle Point 7; 5.27 chs. dist., to Angle Point 8; thence S. 80°53' E., thence S. 71°49' E., 4.40 chs. dist., to Angle Point 9; thence S. 77°17' E., 4.16 chs. dist., to Angle Point 10; thence N. 16°28' E., 1.05 chs. dist., to Angle Point 11; thence N. 85°41' E., 2.29 chs. dist., to Angle Point 12; on the E. bdy. of the Tp., identical with Angle Point 1, T. 13 S., R. 32 E. From Angle Point 13, on the E. bdy. of the Tp., identical with Angle point 4, T. 13 S., R. 32 E. 2.45 chs. dist., to Angle Point 14; thence S. 86°59' W., thence N. 77°33' W., 4.55 chs. dist., to Angle Point 15; thence S. 80°45' W., 4.73 chs. dist., to Angle Point 16; thence S. 77°33' W., 4.86 chs. dist., to Angle Point 17; thence S. 55°02' W., 3.05 chs. dist., to Angle Point 18; thence S. 67°21' W., 17.58 chs. dist., to Angle Point 19; thence S. 60°33' W., 5.41 chs. dist., to Angle Point 20; 5.59 chs. dist., to Angle Point 21; thence S. 49°16' W., thence S. 56°46' W., 8.81 chs. dist., to Angle Point 22; thence S. 41°31' W., 7.14 chs. dist., to Angle Point 23; thence S. 10°21' W., 6.67 chs. dist., to Angle Point 24; thence S. 35°02' W., 4.29 chs. dist., to Angle Point 25; thence S. 40°31' E., 10.75 chs. dist., to Angle Point 26; thence S. 47°45' E., 5.30 chs. dist., to Angle Point 27; thence S. 13°46' E., 8.77 chs. dist., to Angle Point 28; thence S. 86°31' E., 2.52 chs. dist., to Angle Point 29; thence S. 33°19' E., 4.08 chs. dist., to Angle Point 30; thence S. 31°11' E., 3.50 chs. dist., to Angle Point 31, on the line between secs. 1 and 12; thence S. 41°48' E., 3.04 chs. dist., to Angle Point 32; thence S. 40°50' W., 4.74 chs. dist., to Angle Point 33; thence S. 14°47' E., 6.77 chs. dist., to Angle Point 34; thence S. 16°53' W., 3.98 chs. dist., to Angle Point 35;

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### 29 UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### FIELD ASSISTANTS

NAMES	CAPACITY
Cheryl A. Baier	Surveying Technician
Ted E. Cazier	Surveying Technician
Steven J. Buchanan	Surveying Technician
Mark R. Searles	Surveying Technician

### CERTIFICATE OF SURVEY

I, Robert C. Umbanhowar, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 6th day of January, 1992, I have dependently resurveyed a portion of the east boundary and a portion of the subdivisional lines, and the mete-and-bounds survey of the Peloncillo Mountains Wilderness Area Boundary, in Township 13 South, Range 31 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 <u>Manual of</u> <u>Instructions for the Survey of the Public Lands of the United States</u>, and in specific manner described in the foregoing field notes.

6/14/94

They C. Umbanherra

Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Arizona State Office Phoenix, Arizona

The foregoing field notes of the dependent resurvey a portion of the east boundary and a portion of the subdivisional lines, and the mete-and-bounds survey of the Peloncillo Mountains Wilderness Area Boundary, in Township 13 South, Range 31 East, of the Gila and Salt River Meridian, in the State of Arizona, executed by Robert C. Umbanhowar, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

JUN 2 2 1994

(Date)

James P. 26

(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. 13 S., R. 31 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

--- (Date)

(Chief Cadastral Surveyor of Arizona)