

ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES
OF THE
DEPENDENT RESURVEY OF PORTIONS OF THE SOUTH AND WEST BOUNDARIES

AND A PORTION OF THE SUBDIVISIONAL LINES,

THE SUBDIVISION OF SECTIONS 31 AND 33,

AND THE METES-AND-BOUNDS SURVEY OF THE

PELONCILLO MOUNTAINS WILDERNESS AREA BOUNDARY

IN

TOWNSHIP 11 SOUTH, RANGE 32 EAST

Of the Gila and Salt River Meridian,
In the State of Arizona

EXECUTED BY
Stephen K. Hansen, Cadastral Surveyor

Under Special Instructions dated January 6, 1992, approved January 6, 1992, which provided for the surveys included under Group Number 739, and assignment instructions dated January 8, 1992.

Survey Commenced January 21, 1992
Survey Completed June 13, 1992

INDEX DIAGRAM

TOWNSHIP 11 SOUTH, RANGE 32 EAST,

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T. 11 S., R. 32 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of portions of the south and west boundaries and a portion of the subdivisional lines, the subdivision of sections 31 and 33, and the metes and bounds survey of the Peloncillo Mountains Wilderness Area Boundary in Township 11 South, Range 32 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this resurvey is as follows: William B. Kimmel surveyed the south boundary in 1914. A.B. Rich surveyed the west boundary in 1916. Dupree R. Averill surveyed the subdivisional lines in 1933.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, 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 direction of lines were determined by direct hour angle observations on the sun and refer to the true meridian. Distances and angles were measured using a Lietz Set 4 electronic instrument.

The geographic position of the 1/4 sec. cor. of secs. 31 and 36, on the W. bdy. of the Tp., determined by a tie to U.S. Geological Survey triangulation station "HORSECAMP, 1948", located in the NE quarter of section 35, T. 11 S., R. 31 E., is as follows:

Latitude: 32°26'00.70" N. Longitude: 109°07'28.75" W. NAD27

The mean magnetic declination as taken from quadrangle map ENGINE MOUNTAIN, ARIZ., published in 1987 by U.S. Geological Survey, is 11 1/2° E.

Dependent Resurvey of a Portion of the South Boundary
T. 11 S., R. 32 E., Gila and Salt River Meridian, Arizona

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| CHAINS | <p style="text-align: center;">Restoring the survey executed by William B. Kimmel in 1914</p> <hr style="width: 20%; margin: auto;"/> <p>Beginning at the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., monumented with an iron post, 3 ins. diam., firmly set, projecting 30 ins. above ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd. T11S R32E S31 S32 S6 S5 R32E T12S 1914.</p> <p>Add the marks 1992 to the brass cap.</p> <p>from which</p> <p style="padding-left: 40px;">A juniper, 4 ins. diam., bears N. 35 1/4° E., 389 lks. dist., mkd. X BT.</p> <p style="padding-left: 40px;">A juniper, 8 ins. diam., bears S. 60° E., 323 lks. dist., mkd. T12SR32ES5BT.</p> <p>N. 89°59' W., bet. secs. 6 and 31.</p> <p>Over rocky, mountainous land.</p> <p>29.80 Ridge, bears SE. and NW.</p> <p>39.91 True point for the 1/4 sec. cor. of secs. 6 and 31, at proportionate dist., falls on the face of a cliff where it is impracticable to establish a permanent monument.</p> <p>40.06 The witness 1/4 sec. cor. of secs. 6 and 31, monumented with an iron post, 1 in. diam., firmly set, projecting 20 ins. above ground, in a mound of stone, 3 ft. base, to top, with a mound of stone to the S., 3 ft. base, 2 ft. high, with brass cap mkd. S31 1/4 WC S6 1914.</p> <p>Add the marks 1992 to the brass cap.</p> <hr/> <p style="text-align: center;">Dependent Resurvey of a Portion of the West Boundary T. 11 S., R. 32 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p style="text-align: center;">Restoring the survey executed by A.B. Rich in 1916.</p> <hr/> |
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Dependent Resurvey of a Portion of the West Boundary
T. 11 S., R. 32 E., Gila and Salt River Meridian, Arizona

| CHAINS | |
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| | <p>From the cor. of Tps. 11 and 12 S., Rs. 31 and 32 E., monumented with an iron post, 3 ins. diam., firmly set, projecting 21 ins. above ground, in a mound of stone, 3 ft. base, to top, with a mound of stone to the S., 3 ft. base, 2 ft. high, with brass cap mkd. T11S R31E S36 S31 S1 S6 R32E T12S 1914, from which the original bearing trees</p> <p style="padding-left: 40px;">An oak, 18 ins. diam., bears S. 68 3/4° E., 60 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A cedar, 24 ins. diam., bears S. 17 3/4° W., 99 lks. dist., with healed blaze.</p> <p>Add the marks 1992 to the brass cap.</p> <p>North, bet. secs. 31 and 36.</p> <p>Over rocky, mountainous land.</p> |
| 20.02 | <p>Point for the S 1/16 sec. cor. of secs. 31 and 36.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with a collar of stone, with brass cap mkd.</p> <div style="text-align: center; padding: 10px 0;"> <p>T11S R31E R32E S 1/16 S36 S31 1992</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p>Cor. is located on a steep SE slope.</p> |
| 40.04 | <p>The 1/4 sec. cor. of secs. 31 and 36, monumented with an iron post, 1 in. diam., firmly set, projecting 28 ins. above ground, in a mound of stone, 3 ft. base, to top, with a mound of stone to the W., 3 ft. base, 2 ft. high, with brass cap mkd. 1/4 S36 S31 1916.</p> <p>Add the marks 1992 to the brass cap.</p> <p>from which</p> <p style="padding-left: 40px;">A rock outcrop, 10 x 5 x 3 ft. high, bears S. 22 1/2° W., 74 lks. dist., with XBO chiseled on the N. face.</p> |

Dependent Resurvey of a Portion of the West Boundary
T. 11 S., R. 32 E., Gila and Salt River Meridian, Arizona

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| CHAINS | <p>A rock outcrop, 6 x 4 x 2 ft. high, bears N. 19 1/4° W., 30 lks. dist., with XBO chiseled on the top face.</p> <p>From this cor. point, U.S. Geological Survey triangulation station "Horsecamp 1948", with published latitude of 32°26'09.792" N., and longitude of 109°08'51.372" W., NAD 27, bears N. 82°35'55" W., (forward bearing), 108.19 chs. dist., monumented with a brass tablet, 3 ins. diam., firmly set, flush with bedrock, mkd. HORSECAMP 1948, and a triangle in the center.</p> <hr/> <p>Dependent Resurvey of a Portion of the Subdivisional Lines T. 11 S., R. 32 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>Restoring the survey executed by Dupree R. Averill in 1933</p> <hr/> <p>From the 1/4 sec. cor. of secs. 32 and 33, monumented with an iron post, 1 in. diam., firmly set, projecting 18 ins. above ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd. 1/4 S32 S33 1933, from which the original bearing trees</p> <p>A juniper, 17 ins. diam., bears S. 39 1/2° E., 197 lks. dist., mkd. 1/4 S32 BT on open blaze.</p> <p>A juniper, 15 ins. diam., bears S. 59 1/2° W., 56 lks. dist., mkd. 1/4 S33 BT on open blaze.</p> <p>Add the marks 1992 to the brass cap.</p> <p>N. 0°02' E., bet. secs. 32 and 33.</p> <p>Over mountainous, rocky land.</p> <p>28.17 Point for AP 4, on the Peloncillo Mountains Wilderness Area Bdy., hereinafter described.</p> <p>29.20 Trail road, 15 lks. wide, bears E. and SW.</p> <p>29.70 Point for AP 11, on the Peloncillo Mountains Wilderness Area Bdy., hereinafter described.</p> <p>39.93 The cor. of secs. 28, 29, 32 and 33, monumented with an iron post, 2 ins. diam., firmly set, projecting 18 ins. above ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd. T11S R32E S29 S28 S32 S33 1933.</p> <p>Add the marks 1992 to the brass cap.</p> |
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Dependent Resurvey of a Portion of the Subdivisional Lines
T. 11 S., R. 32 E., Gila and Salt River Meridian, Arizona

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| | <p>From this cor. point, a windmill shaft at the well-head, bears S. 22°19' W., 12.24 chs. dist.</p> |
| | <p>From the 1/4 sec. cor. of secs. 28 and 33, monumented with an iron post, 1 in. diam., firmly set, projecting 5 ins. above ground, with a mound of stone to the N., 3 ft. base, 2 ft. high, with brass cap mkd. 1/4 S28 S33 1933.</p> <p>Add the marks 1992 to the brass cap.</p> <p>S. 89°55' W., bet. secs. 28 and 33.</p> <p>Over rolling, rocky land, through grassland.</p> |
| 40.01 | <p>The cor. of secs. 28, 29, 32 and 33.</p> |
| | <p>From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., hereinbefore described.</p> <p>N. 0°01' W., bet. secs. 31 and 32.</p> <p>Over mountainous, rocky land.</p> |
| 7.15 | <p>Wash, 40 lks. wide, 2 ft. deep, drains NNE.</p> |
| 19.97 | <p>Point for the S 1/16 sec. cor. of secs. 31 and 32.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T11S R32E S 1/16 S31 S32 1992</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Cor. is located on a SW slope.</p> |
| 38.20 | <p>Draw, 10 lks. wide, 2 ft. deep, drains NW.</p> |
| 39.94 | <p>The 1/4 sec. cor. of secs. 31 and 32, monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd. 1/4 S31 S32 1933.</p> |

Dependent Resurvey of a Portion of the Subdivisional Lines
T. 11 S., R. 32 E., Gila and Salt River Meridian, Arizona

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| | <p>Add the marks 1992 to the brass cap.</p> <p>from which</p> <p>A rock outcrop, 5 x 4 x 3 ft. high, bears S. 14 1/2° E., 42 lks. dist., with XBO chiseled on the top face.</p> <p>A rock outcrop, 20 x 10 x 2 ft. high, bears N. 61° W., 68 lks. dist., with XBO chiseled on the top face.</p> <hr/> <p>N. 0°02' E., beginning new measurement.</p> |
| 13.00 | Ridge, bears E. and W. |
| 33.10 | Ridge, bears SE. and NW. |
| 39.98 | <p>The cor. of secs. 29, 30, 31 and 32, monumented with an iron post, 2 ins. diam., firmly set, projecting 14 ins. above ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd. T11S R32E S30 S29 S31 S32 1933, from which the original bearing tree</p> <p>A juniper, 10 ins. diam., bears S. 73° E., 118 lks. dist., mkd. T11S R32E S32 BT on an open blaze.</p> <p>Add the marks 1992 to the brass cap.</p> <p>from which</p> <p>A juniper, 3 ins. diam., bears N. 41 1/4° W. 43 1/2 lks. dist., mkd. X BT.</p> <hr/> <p>From the cor. of secs. 28, 29, 32 and 33.</p> <p>West, bet. secs. 29 and 32.</p> <p>Over mountainous, rocky land, through sparse undergrowth and scattered timber.</p> |
| 20.50 | Saddle in ridge, bears NNE. and SW. |
| 39.99 | <p>The 1/4 sec. cor. of secs. 29 and 32, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd. 1/4 S29 S32 1933.</p> <p>Add the marks 1992 to the brass cap.</p> <hr/> <p>N. 89°58' W., beginning new measurement.</p> |

Dependent Resurvey of a Portion of the Subdivisional Lines
T. 11 S., R. 32 E., Gila and Salt River Meridian, Arizona

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| <p>CHAINS 34.00</p> | <p>Spur, slopes N.</p> |
| <p>39.99</p> | <p>The cor. of secs. 29, 30, 31 and 32.</p> <hr/> <p style="text-align: center;">Subdivision of Section 31 T. 11 S., R. 32 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From the true point for the 1/4 sec. cor. of secs 6 and 31, on the S. bdy. of the Tp.</p> <p>North, on the N. and S. centerline of sec. 31.</p> <p>Over broken, mountainous land.</p> |
| <p>0.15</p> | <p>Base of cliff, 20 ft. high, bears SE. and NW.</p> |
| <p>2.50</p> | <p>Ridge, bears ENE. and WSW.</p> |
| <p>15.40</p> | <p>Wash, 15 lks. wide, 2 ft. deep, drains W.</p> |
| <p>19.99</p> | <p>Point for the center S 1/16 sec. cor. of sec. 31.</p> <p>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.</p> <p style="text-align: center;">T11S R32E C S 1/16 S31 PM WA C 1992</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p>Cor. is located on a S. slope.</p> |
| <p>21.50</p> | <p>Ridge, bears E. and W.</p> |
| <p>34.65</p> | <p>Wash, 75 lks. wide, 5 ft. deep, drains WNW.</p> |
| <p>36.55</p> | <p>Trail road, 15 lks. wide, bears SE. and NW.</p> |
| <p>39.98</p> | <p>Point for the center 1/4 sec. cor. of sec. 31, at intersection with the E. and W. center line of sec. 31.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd.</p> |

Subdivision of Section 31
T. 11 S., R. 32 E., Gila and Salt River Meridian, Arizona

| CHAINS | |
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| | <p>T11S R32E C 1/4 S31 1992</p> |
| | <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> |
| | <p>Cor. is located on a S. slope.</p> |
| 45.50 | <p>Ridge, bears ESE. and WNW.</p> |
| 66.50 | <p>Ridge, bears NE. and SW.</p> |
| 79.85 | <p>The 1/4 sec. cor. of secs. 30 and 31, monumented with an iron post, 1 in. diam., firmly set, in a mound of stone, 5 ft. base, to top, with brass cap mkd. 1/4 30 31 1933, from which the remains of the original bearing trees</p> <p style="padding-left: 40px;">A dead juniper, 12 ins. diam., bears N. 2 1/4° E., 98 lks. dist., mkd. 1/4 S30 BT on open blaze. (Record: N. 4 1/2° E., 96 lks. dist.)</p> <p style="padding-left: 40px;">A dead juniper, 16 ins. diam., bears S. 36 1/2° W., 187 lks. dist., mkd. 1/4 S31 BT on open blaze.</p> <p>Add the marks 1992 to the brass cap.</p> <p>from which</p> <p style="padding-left: 40px;">A rock outcrop, 3 x 3 x 2 ft. high, bears S. 77° E., 34 lks. dist., with XBO chiseled on the W. face.</p> <p style="padding-left: 40px;">A rock outcrop, 5 x 3 x 2 ft. high, bears N. 34 3/4° W., 33 1/2 lks. dist., with XBO chiseled on the W. face.</p> |
| | <p>From the 1/4 sec. cor. of secs. 31 and 32.</p> |
| | <p>N. 89°57' W., on the E. and W. centerline of sec. 31.</p> |
| | <p>Over mountainous, rocky land.</p> |
| 19.80 | <p>Ridge, bears NE. and SW.</p> |
| 39.91 | <p>The center 1/4 sec. cor. of sec. 31.</p> |
| 58.32 | <p>Trail road in wash, 15 lks. wide, 5 ft. deep, bears SE. and NW.</p> |
| 79.87 | <p>The 1/4 sec. cor. of secs. 31 and 36, on the W. bdy. of the Tp.</p> |

Subdivision of Section 31
T. 11 S., R. 32 E., Gila and Salt River Meridian, Arizona

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| | <hr/> SE 1/4 <hr/> |
| | <p>From the S 1/16 sec. cor. of secs. 31 and 32.</p> <p>N. 89°58' W., on the E. and W. centerline of the SE 1/4 of sec. 31.</p> <p>Over rolling, mountainous land.</p> |
| 7.28 | <p>Point for a witness point, on the E. and W. centerline of the SE 1/4 of sec. 31.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">WP T11S R32E S31</p> <p style="text-align: center;">PMA 1992</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p>Raise a mound of stone, 4 ft. base, 2 ft. high, S. of the cor.</p> |
| 7.70 | Trail road, 15 lks. wide, bears SE. and NW. |
| 8.80 | Wash, 75 lks. wide, 3 ft. deep, drains NW. |
| 39.91 | The center S 1/16 sec. cor. of sec. 31. |
| | <hr/> SW 1/4 <hr/> |
| | <p>From the center S 1/16 sec. cor. of sec. 31.</p> <p>N. 89°59' W., on the E. and W. centerline of the SW 1/4 of sec. 31.</p> |
| 39.96 | The S 1/16 sec. cor. of secs. 31 and 36, on the W. bdy. of the Tp. |

Subdivision of Section 33
 T. 11 S., R. 32 E., Gila and Salt River Meridian, Arizona

| CHAINS | |
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| | <p>From the 1/4 sec. cor. of secs. 4 and 33, on the S. bdy. of the Tp., monumented with an iron post, 1 in. diam., firmly set, projecting 13 ins. above ground, with brass cap mkd. 1/4 S33 S4 1914, from which the remaining original bearing tree</p> <p style="padding-left: 40px;">A cedar, 16 ins. diam., bears S. 16 1/2° W., 114 lks. dist., with illegible marks on open blaze.</p> <p>Add the marks 1992 to the brass cap.</p> <p>North, on the N. and S. centerline of sec. 33.</p> <p>Over rolling land through scattering undergrowth and grassland, on the bdy. of Peloncillo Mountains Wilderness Area.</p> |
| 34.96 | <p>Point for a witness point, on the N. and S. centerline of sec. 33.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 14 ins. in the ground, to bedrock, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center; padding: 10px 0;"> <p>WP T11S R32E C PMWA S33 C 1992</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p>Cor. is located on a ridge, bears NE. and SW.</p> |
| 63.39 | <p>Point for AP 1, on the Peloncillo Mountains Wilderness Area Bdy., hereinafter described.</p> |
| 63.80 | <p>Trail road, 15 lks. wide, bears E. and W.</p> |
| 79.96 | <p>The 1/4 sec. cor. of secs. 28 and 33.</p> |
| <p>Metes-and-Bounds Survey of the Peloncillo Mountains Wilderness Area Boundary T. 11 S., R. 32 E., Gila and Salt River Mer., Arizona</p> | |
| <p>In Section 33</p> | |


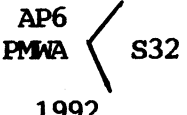
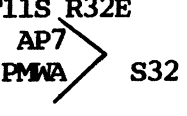
Metes-and-Bounds Survey of the
 Peloncillo Mountains Wilderness Area Boundary
 T. 11 S., R. 32 E., Gila and Salt River Meridian, Arizona

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| CHAINS | <p>From the 1/4 sec. cor. of secs. 4 and 33, on the S. bdy. of the Tp., hereinbefore described.</p> <p>North, on the N. and S. centerline of sec. 33.</p> |
| 34.96 | <p>The witness point on the N. and S. centerline of sec. 33, hereinbefore described.</p> |
| 63.39 | <p>Point for AP 1.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, encircled with a collar of stone, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T11S R32E</p> <p>C</p> <p>AP1</p> <p>PMWA</p> <p>S33</p> <p>C</p> <p>1992</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p>From this cor. point, the 1/4 sec. cor. of secs. 28 and 33 bears North, 16.57 chs. dist., hereinbefore described.</p> <hr style="width: 20%; margin: 10px auto;"/> |
| 10.82 | <p>N. 80°43' W., on line 1-2.</p> <p>Point for AP 2.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, encircled with a collar of stone, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T11S R32E</p> <p>S33</p> <hr style="width: 20%; margin: 5px auto;"/> <p>AP2</p> <p>PMWA</p> <p>1992</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> |
| 18.78 | <p>N. 81°35' W., on line 2-3.</p> <p>Point for AP 3.</p> |

Metes-and-Bounds Survey of the
 Peloncillo Mountains Wilderness Area Boundary
 T. 11 S., R. 32 E., Gila and Salt River Meridian, Arizona

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| | <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, encircled with a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T11S R32E S33</p> <hr style="width: 10%; margin: auto;"/> <p style="text-align: center;">AP3 PMWA 1992</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <hr style="width: 20%; margin: auto;"/> <p>N. 88°41' W., on line 3-4.</p> |
| <p>10.77</p> | <p>Point for AP 4, on the line bet. secs. 32 and 33.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, encircled with a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T11S R32E AP 4 PM WA S32 S33 1992</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p>From this cor. point, the 1/4 sec. cor. of secs. 32 and 33, bears S. 0°02' W., 28.17 chs. dist., hereinbefore described.</p> <hr style="width: 80%; margin: auto;"/> <p style="text-align: center;">In Section 32</p> <hr style="width: 20%; margin: auto;"/> <p>S. 52°37' W., on line 4-5.</p> |
| <p>6.98</p> | <p>Point for AP 5.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, encircled with a collar of stone, with brass cap mkd.</p> |

Metes-and-Bounds Survey of the
 Peloncillo Mountains Wilderness Area Boundary
 T. 11 S., R. 32 E., Gila and Salt River Meridian, Arizona

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| | <p style="text-align: center;">T11S R32E S32  AP5 PMWA 1992</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <hr style="width: 20%; margin: auto;"/> <p>N. 21°26' W., on line 5-6.</p> |
| <p>1.92</p> | <p>Point for AP 6.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, encircled with a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T11S R32E AP6 PMWA  1992</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <hr style="width: 20%; margin: auto;"/> <p>N. 23°50' E., on line 6-7.</p> |
| <p>2.12</p> | <p>Point for AP 7.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, encircled with a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T11S R32E AP7 PMWA  1992</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <hr style="width: 20%; margin: auto;"/> <p>N. 76°53' W., on line 7-8.</p> |
| <p>2.60</p> | <p>Point for AP 8.</p> |

Metes-and-Bounds Survey of the
 Peloncillo Mountains Wilderness Area Boundary
 T. 11 S., R. 32 E., Gila and Salt River Meridian, Arizona

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| CHAINS | <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, encircled with a collar of stone, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T11S R32E AP8 PMWA S32 1992</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 24°40' E., on line 8-9.</p> |
| 2.95 | <p>Point for AP 9.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, encircled with a collar of stone, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T11S R32E AP9 PMWA S32 1992</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 66°11' E., on line 9-10.</p> |
| 5.29 | <p>Point for AP 10.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, encircled with a collar of stone, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T11S R32E AP10 PMWA S32 1992</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> |

Metes-and-Bounds Survey of the
 Peloncillo Mountains Wilderness Area Boundary
 T. 11 S., R. 32 E., Gila and Salt River Meridian, Arizona

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| CHAINS | N. 64°00' E., on line 10-11. | | | | | | | | | | |
| 2.06 | <p>Point for AP 11, on the line bet. secs. 32 and 33.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, encircled with a collar of stone, with brass cap mkd.</p> <div style="text-align: center;"> <table border="0"> <tr> <td>T11S</td> <td>R32E</td> </tr> <tr> <td>S32</td> <td>S33</td> </tr> <tr> <td>AP11</td> <td></td> </tr> <tr> <td>PMWA</td> <td></td> </tr> <tr> <td colspan="2">1992</td> </tr> </table> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0°02' E., on the line bet. secs. 32 and 33.</p> | T11S | R32E | S32 | S33 | AP11 | | PMWA | | 1992 | |
| T11S | R32E | | | | | | | | | | |
| S32 | S33 | | | | | | | | | | |
| AP11 | | | | | | | | | | | |
| PMWA | | | | | | | | | | | |
| 1992 | | | | | | | | | | | |
| 10.23 | <p>The cor. of secs. 28, 29, 32 and 33, hereinbefore described.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>West, on the line bet. secs. 29 and 32.</p> | | | | | | | | | | |
| 39.99 | <p>The 1/4 sec. cor. of secs. 29 and 32, hereinbefore described.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 89°58' W., on the line bet. secs. 29 and 32.</p> | | | | | | | | | | |
| 39.99 | <p>The cor. of secs. 29, 30, 31 and 32, hereinbefore described.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 0°02' W., on the line bet. secs. 31 and 32.</p> | | | | | | | | | | |
| 39.98 | <p>The 1/4 sec. cor. of secs. 31 and 32, hereinbefore described.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 0°01' E., on the line bet. secs. 31 and 32.</p> | | | | | | | | | | |
| 19.97 | <p>The S 1/16 sec. cor. of secs. 31 and 32, hereinbefore described.</p> <hr style="width: 80%; margin: 10px auto;"/> <p style="text-align: center;">In Section 31</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 89°58' W., on the E. and W. centerline of the SE 1/4 of sec. 31.</p> | | | | | | | | | | |
| 7.28 | <p>The witness point on the E. and W. centerline of the SE 1/4 of sec. 31, hereinbefore described.</p> | | | | | | | | | | |

Metes-and-Bounds Survey of the
 Peloncillo Mountains Wilderness Area Boundary
 T. 11 S., R. 32 E., Gila and Salt River Meridian, Arizona

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| CHAINS 39.91 | The center S 1/16 sec. cor. of sec. 31, hereinbefore described. <hr style="width: 20%; margin: 10px auto;"/> N. 89°59' W., on the E. and W. centerline of the SW 1/4 of sec. 31. |
| 39.96 | The S 1/16 sec. cor. of secs. 31 and 36, on the W. bdy. of the Tp., hereinbefore described. |
| GENERAL DESCRIPTION | |
| The land encompassed in this survey is located about 20 miles southerly of Duncan, Arizona, near the New Mexico and Arizona state line. Elevations range from 4500 to 6000 ft. above sea level. | |
| Terrain is mountainous and rocky, interspersed with rolling grasslands at the lower elevations. Vegetation consists of juniper, oak, mesquite and cedar. Various species of cacti abound. Bighorn sheep have been re-introduced to the area, and are reportedly increasing in number. Deer and javelina are numerous. | |
| Access is by way of Summit Road, via State Highway 70, and dirt roads maintained by area ranchers. | |
| Ranching is the principal commercial use of the area. There is significant quantities of fire agate in the area, although it does not appear to be mined at a commercial level. | |
| Description of the Peloncillo Mountains Wilderness Area Boundary T. 11 S., R. 32 E., Gila and Salt River Meridian, Arizona | |
| The following description is for informational purposes only. | |
| <hr style="width: 20%; margin: 10px auto;"/> Beginning at the 1/4 sec. cor. of secs. 4 and 33, on the S. bdy. of the Tp. thence North, on the N. and S. centerline of sec. 33, 63.39 chs. dist. to Angle Point 1; thence N. 80°43' W., 10.82 chs. dist. to Angle Point 2; thence N. 81°35' W., 18.78 chs. dist. to Angle Point 3; thence N. 88°41' W., 10.77 chs. dist. to Angle Point 4, on the line bet. secs. 32 and 33; thence S. 52°37' W., 6.98 chs. dist. to Angle Point 5; thence N. 21°26' W., 1.92 chs. dist. to Angle Point 6; | |

T. 11 S., R. 32 E., Gila and Salt River Meridian, Arizona

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| CHAINS | <p>thence N. 23°50' E., 2.12 chs. dist. to Angle Point 7; thence N. 76°53' W., 2.60 chs. dist. to Angle Point 8; thence N. 24°40' E., 2.95 chs. dist. to Angle Point 9; thence S. 66°11' E., 5.29 chs. dist. to Angle Point 10; thence N. 64°00' E., 2.06 chs. dist. to Angle Point 11, on the line bet. secs. 32 and 33; thence N. 0°02' E., on the line bet. secs. 32 and 33, 10.23 chs. dist., to the cor. of secs. 28, 29, 32 and 33; thence West, on the line bet. secs. 29 and 32, 39.99 chs. dist., to the 1/4 sec. cor. of secs. 29 and 32; thence N. 89°58' W., on the line bet. secs. 29 and 32, 39.99 chs. dist., to the cor. of secs. 29, 30, 31 and 32; thence S. 0°02' W., on the line bet. secs. 31 and 32, 39.98 chs. dist., to the 1/4 sec. cor. of secs. 31 and 32; thence S. 0°01' E., on the line bet. secs. 31 and 32, 19.97 chs. dist., to the S 1/16 sec. cor. of secs. 31 and 32; thence N. 89°58' W., on the E. and W. centerline of the SE 1/4 of sec. 31, 39.91 chs. dist., to the center S 1/16 sec. cor. of sec. 31; thence N. 89°59' W., on the E. and W. centerline of the SW 1/4 of sec. 31, 39.96 chs. dist., to the S 1/16 sec. cor. of secs. 31 and 36, on the W. bdy. of the Tp.;</p> |
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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 January, 1992, I have dependently resurveyed portions of the south and west boundaries and a portion of the subdivisional lines, the subdivision of sections 31 and 33, and the metes-and-bounds survey of the Peloncillo Mountains Wilderness Area Boundary in Township 11 South, Range 32 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.

6/19/94

(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 portions of the south and west boundaries and a portion of the subdivisional lines, the subdivision of sections 31 and 33, and the metes-and-bounds survey of the Peloncillo Mountains Wilderness Area Boundary in Township 11 South, Range 32 East, Gila and Salt River Meridian, Arizona, executed by Stephen K. Hansen, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

JUN 22 1994

(Date)

James P. Kelley

(Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 11 S., R. 32 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

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