ORIGINAL

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY OF THE SAN CARLOS INDIAN RESERVATION

AND

THE SURVEY OF THE WEST BOUNDARY,

A PORTION OF THE NORTH BOUNDARY AND

A PORTION OF THE SUBDIVISIONAL LINES

TOWNSHIP 3 SOUTH, RANGE 22 EAST,

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA.

EXECUTED BY

Christopher P. McDonald, Cadastral Surveyor

Under Special Instructions dated January 18, 2011, approved January 18, 2011, which provided for the surveys included under Group No. 1090, and assignment instructions dated January 18, 2011.

Survey commenced January 10, 2012

Survey completed February 10, 2012

INDEX DIAGRAM

TOWNSHIP 3 SOUTH RANGE 22 EAST GILA AND SALT RIVER MERIDIAN, ARIZONA

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T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the east boundary of the San Carlos Indian Reservation and the survey of the west boundary, a portion of the north boundary and a portion of the subdivisional lines, Township 3 South, Range 22 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this survey is as follows:

The East Boundary of the White Mountain Indian Reservation, was surveyed by Paul Rienker, United States Deputy Surveyor, in 1883.

The East Boundary of the White Mountain Indian Reservation, was surveyed by Charles E. Walker, United States Deputy Surveyor, in 1887.

The Amended South Boundary of the White Mountain Indian Reservation, was surveyed by H. L. Baldwin, United States Deputy Surveyor, in 1916.

A portion of the East Boundary and subdivisional lines, Township 3 South, Range 22 East, Gila and Salt River Meridian, was surveyed by Donald E. Harding, Cartographer-Cadastral, in 1955.

Christopher P. McDonald and Joe R. Salazar surveyed the North boundary, Township. 4 South, Range 22 East, concurrently under this same Group Number, in 2011.

The survey was executed in accordance with the specifications as set forth in the $\underline{\text{Manual}}$ of $\underline{\text{Surveying Instructions}}$ for the $\underline{\text{Survey}}$ of the $\underline{\text{Public Lands}}$ of the $\underline{\text{United States}}$, 2009, and the $\underline{\text{Special Instructions}}$ dated $\underline{\text{January}}$ 18, 2011, for $\underline{\text{Group Number}}$ 1090, $\underline{\text{Arizona}}$.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation 5700 and R8 model receivers.

Preliminary to the resurvey, the lines of the prior surveys were retraced and search was made for all corners and other calls of record. Identified corners were remonumented in their original positions. Lost corners were reestablished and remonumented at proportionate positions based on the official record. The retracement data were thoroughly verified and only the true line field notes are given herein.

T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS

Geodetic control was derived from Global Positioning System (GPS) static observations post processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) DH4134 AZKR KEARNY CORS ARP, DF5763 AZGB GILA COUNTY CORS ARP, DK7569 AZSF SAFFARD CORS ARP. The NAD 83 (CORS96) (EPOCH: 2002), geographic position of the corner of sections 2, 3, 34 and 35, on the south boundary of the township, is as follows:

Latitude: 33°07'15.60" N. Longitude: 110°04'09.69" W.

The NAD 83 (CORS96) (EPOCH: 2002), geographic position of the corner of Townships 2 and 3 South, Ranges 21 and 22 East, is as follows:

Latitude: 33°12'28.99" N. Longitude: 110°08'17.16" W.

The mean magnetic declination is 10 1/2° E.

Dependent Resurvey of the a portion of the East Boundary of the San Carlos Indian Reservation, T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona

Restoring the survey executed by H. L. Baldwin, in 1916

Beginning at the 2 mile cor., monumented with an iron post, 3 ins. diam., firmly set, projecting 13 ins. above the ground, in a supporting mound of stone, 3 ft. base, to top, with brass cap mkd. 2M WMIR PL 1915 2011.

Cor. is located in a fence, bears N. and S.

N. 0°01' E., on the E. bdy. of the San Carlos Indian Reservation.

40.00

The 2 1/2 mile cor., determined by the accessory mound of stone and the remains of the orig. hole dug in to the sandstone.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.

| | T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona |
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| CHAINS | T 3 S R 22 E SCIR S 35 |
| | 2 1/2 M |
| | 2011 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| | Cor. is located in a fence, bears N. and S. |
| | N. 0°01' E., beginning new measurement, on the E. bdy. of the San Carlos Indian Reservation. |
| 32.98 | The closing cor. of secs. 26 and 35, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 14 ins. above the ground, in a supporting mound of stone, 3 1/2 ft. base, to top, with brass cap mkd. T3S R22E S26 SCIR CC S35 1962. |
| | Add the marks 2011 to the brass cap. |
| | Cor. is located in a fence, bears N. and S. |
| 39.99 | The 3 mile cor., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 7 ins. above the ground, with brass cap mkd. 3M WMIR PL 1915, an accessory mound of stone is scattered W. of the cor. |
| | Raise a mound of stone, 3 ft. base, 1 1/2 ft. high, W. of corner, utilizing the scattered accessory mound. |
| | Add the marks 2011 to the brass cap. |
| | Cor. is located in a fence, bears N. and S. |
| | N. 0°01' E., on the E. bdy. of the San Carlos Indian Reservation. |
| 40.01 | The 3 1/2 mile cor., monumented with an iron post, 1 in. diam., firmly set, projecting 11 ins. above the ground, in a scattered supporting mound of stone, with brass cap mkd. 3 1/2M SCIR PL 1915, an accessory mound of stone is scattered W. of the corner. |
| | Reconstructed supporting mound of stone, 3 ft. base, to top, utilizing the scattered supporting mound of stone and raise a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, W. of cor. |
| | Add the marks 2011 to the brass cap. |
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| CHAINS | |
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| CHAIND | Cor. is located in a fence, bears N. and S. |
| | N. 0°01' E., beginning new measurement, on the E. bdy. of the San Carlos Indian Reservation. |
| 32.99 | The closing cor. of secs. 24 and 25, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. T3S R22E SCIR S23 CC S26 1962, an accessory mound of stone is scattered E. of the corner. |
| | Add the marks 2011 to the brass cap. |
| | Cor. is located in a fence, bears N. and S. |
| 40.02 | The 4 mile cor., monumented with an iron post, 3 ins. diam., firmly set, projecting 11 ins. above the ground, with brass cap mkd. 4M WMIR PL 1915. |
| | Add the marks 2011 to the brass cap. |
| | Cor. is located in a fence, bears N. and S. |
| | North, on the E. bdy. of the San Carlos Indian Reservation. |
| 39.97 | The 4 1/2 mile cor., monumented with an iron post, 1 in. diam., firmly set, projecting 9 ins. above the ground, with brass cap mkd. 4 1/2M WMIR PL 1915. |
| | Raise a supporting mound of stone, 2 1/2 ft. base, to top. |
| | Add the marks 2011 to the brass cap. |
| | Cor. is located 4 lks. W. of a fence, bears N. and S. |
| | North, beginning new measurement, on the E. bdy. of the San Carlos Indian Reservation. |
| 33.08 | The closing cor. of secs. 14 and 23, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 13 ins. above the ground, in a scattered mound of stone, with brass cap mkd. T3S R22E SCIR S14 CC S23 1962. |
| | Reconstruct supporting mound of stone, 3 ft. base, to top, utilizing the scattered supporting mound of stone. |
| | Add the marks 2011 to the brass cap. |
| | Cor. is located in a fence, bears N. and S. |
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| | T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona |
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| CHAINS | |
| 40.09 | The 5 mile cor., monumented with an iron post, 3 ins. diam., firmly set, projecting 12 ins. above the ground, in a scattered supporting mound of stone, with brass cap mkd. 5M WMIR PL 1915. |
| | Reconstruct supporting mound of stone, 3 ft. base, to top, utilizing the scattered supporting mound of stone and raise a mound of stone, 2 1/2 ft. base, 2 ft. high, W. of cor. |
| | Add the marks 2011 to the brass cap. |
| | Cor. is located in a fence, bears N. and S. |
| | N. 0°01' E., on the E. bdy. of the San Carlos Indian Reservation. |
| 39.98 | The 5 1/2 mile cor., monumented with an iron post, 1 in. diam., firmly set, projecting 15 ins. above the ground, in a supporting mound of stone, 3 ft. base, 10 ins. high, with brass cap mkd. 5 1/2M WMIR PL 1933 1915. |
| | Reconstruct supporting mound of stone, 3 1/2 ft. base, to top, utilizing the scattered supporting mound of stone. |
| | Add the marks 2011 to the brass cap. |
| | Cor. is located 4 lks. W. of a fence, bears N. and S. |
| | N. 0°01' E., beginning new measurement, on the E. bdy. of the San Carlos Indian Reservation. |
| 32.99 | The closing cor. of secs. 11 and 14, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 16 ins. above the ground, with brass cap mkd. T3S R22E SCIR S11 CC S14 1962. |
| | Raise a supporting mound of stone, 3 ft. base, to top. |
| | Add the marks 2011 to the brass cap. |
| | Cor. is located in a fence, bears N. and S. |
| 39.96 | The 6 mile cor., monumented with an iron post, 3 ins. diam., firmly set, projecting 18 ins. above the ground, in a supporting mound of stone, 3 ft. base, 10 ins. high, with brass cap mkd. 6M WMIR PL 1915. |
| | Reconstruct supporting mound of stone, 3 1/2 ft. base, to top, utilizing the scattered supporting mound of stone. |
| | Add the marks 2011 to the brass cap. |
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| | 1. 5 S., R. 22 E., Gila and Salt Rivel Melidian, Alizona |
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| CHAINS | |
| | Cor. is located in a fence, bears N. and S. |
| | North, on the E. bdy. of the San Carlos Indian Reservation. |
| 39.94 | The 6 1/2 mile cor., monumented with an iron post, 1 in. diam., firmly set, projecting 20 ins. above the ground, in a supporting mound of stone, 3 1/2 ft. base, 2 ft. high, with brass cap mkd. 6 1/2M WMIR PL 1915. |
| | Add the marks 2011 to the brass cap. |
| · | Cor. is located in a barbed wire fence, bears N. and S. |
| | North, beginning new measurement, on the E. bdy. of the San Carlos Indian Reservation. |
| 33.03 | Point for the closing cor. of secs. 2 and 11 at the intersection with the San Carlos Indian Reservation. |
| | From this point, the orig. closing cor. of secs. 2 and 11, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 24 ins. above the ground, in a supporting mound of stone, 3 1/2 ft. base, to top, with brass cap mkd. T3S R22E SCIR S2 CC S11 1962, bears West, 3 lks. dist. |
| | Add the marks 2011 to the brass cap. |
| 39.89 | True Point for the 7 mile cor., impracticable to establish a permanent monument. |
| 40.14 | Witness Cor. for the 7 mile cor., monumented with an iron post, 3 ins. diam., firmly set, projecting 20 ins. above the ground, in a scattered supporting mound of stone, with brass cap mkd. WMIR 7M PL WC 1915. |
| | Reconstruct supporting mound of stone, 3 ft. base, 1 1/2 ft. high, utilizing the scattered supporting mound of stone. |
| | Add the marks 2011 to the brass cap. |
| | North, on the E. bdy. of the San Carlos Indian Reservation. |
| 39.73 | The 7 1/2 mile cor., monumented with an iron post, 1 in. diam., firmly set, projecting 17 ins. above the ground, in a supporting mound of stone, 3 ft. base, to top, with brass cap mkd. 7 1/2M WMIR PL 1915 from which the orig. bearing trees |
| | A juniper, 13 ins. diam., N. 89 3/4° E., 2.33 chs. dist., mkd. 7 1/2 M PL BT. |
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| | East Boundary of the San Carlos Indian Reservation, T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona |
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| CHAINS | |
| | A dead but standing juniper, bears N. 70 3/4° W., 2.97 chs. dist., with healed blaze. |
| | Add the marks 2011 to the brass cap. |
| | Cor. is located in a fence, bears N. and S. |
| | N. 0°01' W., beginning new measurement, on the E. bdy. of the San Carlos Indian Reservation. |
| 33.01 | Point for the closing cor. of secs. 2 and 35, on the N. bdy. of the Tp., at the intersection with the E. bdy. of the San Carlos Indian Reservation and the extension of the line from the cor. of secs. 35 and 36 only, T. 2 S., R. 22 E, through the orig. closing cor. of the line bet. secs. 2 and 35, Tps. 2 and 3 S., R. 22 E. Not monumented. |
| | From this point, the orig. closing cor. of secs. 2 and 35, Tps. 2 and 3 S., R. 22 E., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 20 ins. above the ground, in a supporting mound of stone, 3 ft. base, 1 1/2 ft. high, with brass cap mkd. T2S R22E SCIR S35 CC S2 T3S 1954, bears N. 89°46' E., 12 lks. dist. |
| | From this same point, the cor. of secs. 2 and 35 only, T. 2 S., R. 22 E., monumented with and iron post, 2 1/2 ins. diam., firmly set, projecting 23 ins. above ground, in a supporting mound of stone, 3 ft. base, to top, with brass cap mkd. R22E T2S S35 S36 S2 T3S 62 1954, bears N. 89°46' E., 17.73 chs. dist. |
| 40.03 | The 8 mile cor., monumented with an iron post, 3 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. 8M WMIR PL 1915. |
| | Add the marks 2011 to the brass cap. |
| | Cor. is located in a fence, bears N. and S. |
| | Survey of the West Boundary, T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona |
| | From the cor. of Tps. 3 and 4 S., Rs. 21 and 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. T3S R21E R22E S36 S31 S1 S6 T4S 2011. With an accessory mound of stone, |

North, bet. secs. 31 and 36, on the W. bdy. of the Tp.

Over rolling to broken terrain.

3 1/2 base, 2 1/2 high, S. of cor.

Survey of the West Boundary, T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona

| | T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona |
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| CHAINS | |
| 40.00 | Point for the 1/4 sec. cor. of secs. 1 and 36. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, in a collar of stone, 3 ft. base, with brass cap mkd. |
| | T 3 S R 21 E R 22 E 1/4 S 36 S 31 |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| | Cor. is located in the bottom of a unnamed wash, 5 ft. wide, drains N. 50° E. |
| 65.75 | Graded road, 14 ft. wide, bears N. 60° E. and S. 60° W. |
| 80.00 | Point for the cor. of secs. 25, 30, 31 and 36. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. |
| | T 3 S R 21 E R 22 E S 25 S 30 S 36 S 31 |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| | Raise a mound of stone, 3 ft. base 2 ft. high, W. of cor. |
| | Terrain, rocky and broken. Soil, rocky loam. Timber, palo verde; undergrowth, creosote, Mormon tea, cats-claw, barrel cactus and prickly pear cactus. |
| | North, bet. secs. 25 and 30, on the W. bdy. of the Tp. |
| | Over rocky broken terrain. |
| 40.00 | Point for the 1/4 sec. cor. of secs. 25 and 30. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, in a collar of stone, 3 ft. base, to top, with brass cap mkd. |
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| | Survey of the West Boundary, T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona |
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| CHAINS | |
| | T 3 S R 21 E R 22 E 1/4 S 25 S 30 |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| 80.00 | Point for the cor. of secs. 1, 2, 35 and 36. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. |
| | T 3 S R 21 E R 22 E S 24 S 19 S 25 S 30 |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| | Raise a mound of stone, 2 1/2 ft. base 2 1/2 ft. high, W. of cor. |
| | Terrain, rocky and broken. Soil, sandy loam. Timber, palo verde; undergrowth, creosote and cats-claw. |
| | North, bet. secs. 19 and 24, on the W. bdy. of the Tp. |
| | Over rocky broken terrain. |
| 40.00 | Point for the 1/4 sec. cor. of secs. 19 and 24. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. |
| | T 3 S R 21 E R 22 E 1/4 S 24 S 19 |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |

Survey of the West Boundary, T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona

| | T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona |
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| CHAINS | |
| 46.14 | Center of Arizona Eastern railroad tracks, bears S. 70° E. and N. 70° W. |
| 47.76 | Coolidge Dam Road, asphalt road, 16 ft. wide, bears S. 70° E. and N. 70° W. |
| 55.30 | Underground El Paso gas line with two track road onside, bears S. 60° E. and N. 60° W. |
| 68.20 | Enter the floodplain of the Gila River, bears S. 62° E and S. 69° W. |
| 80.00 | Point for the cor. of secs. 13, 18, 19 and 24. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, underpinned by 5 1/2 ft. steel fence post, with brass cap mkd. |
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| | R 21 E R 22 E S 13 S 18 |
| | S 24 S 19 |
| | ' |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| | Terrain, rolling to floodplain. Soil, slity loam. Timber, palo negro, salt cedar and willow; undergrowth, creosote, Mormon tea, cats-claw and native grasses. |
| | North, bet. secs. 13 and 18, on the W. bdy. of the Tp. |
| | Over floodplain terrain. |
| 19.10 | Leave the floodplain of the Gila River, bears S. 60° E. and N. 60° W. |
| 19.20 | Graded road, 14 ft. wide, bears S. 60° E. and N. 60° W. |
| 23.20 | Graded road, 14 ft. wide, bears S. 55° E. and N. 50° W. |
| 36.45 | Graded road, 14 ft. wide, bears S. 35° E. and N. 30° W. |
| 39.38 | U.S. Highway No. 70, asphalt surfaced, 36 ft. wide, bears S. 35° E. and N. 40° W., current location of highway. |
| 40.00 | Point for the 1/4 sec. cor. of secs. 13 and 18. |
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Survey of the West Boundary, T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona

| | T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona |
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| CHAINS | |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., flush with the ground, with brass cap mkd. |
| | T 3 S R 21 E R 22 E 1/4 S 13 S 18 |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| | Cor. is located 8 lks. northerly of the current location of the highway. |
| 54.25 | Graded road, 14 ft. wide, bears S. 80° E. and N. 75° W. |
| 70.00 | Graded road, 14 ft. wide, bears N. 60° E. and S. 50° W. |
| 80.00 | Point for the cor. of secs. 7, 12, 13 and 18. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd. |
| | T 3 S R 21 E R 22 E S 12 S 7 S 13 S 18 |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| | Raise a mound of stone, 2 1/2 ft. base 2 1/2 ft. high, W. of cor. |
| | Terrain, floodplain to rocky and broken. Soil, rocky loam. Timber, mesquite, salt cedar and willow; undergrowth, creosote, and native grasses. |
| | North, bet. secs. 7 and 12, on the W. bdy. of the Tp. |
| | Over rocky broken terrain. |
| 40.00 | Point for the 1/4 sec. cor. of secs. 7 and 12. |
| | 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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Survey of the West Boundary, T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona

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2012

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Raise a mound of stone, 2 1/2 ft. base 2 1/2 ft. high, W. of cor.

80.00

Point for the cor. of secs. 1, 6, 7 and 12.

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

2012

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Raise a mound of stone, 3 ft. base 2 1/2 ft. high, W. of cor.

Terrain, rocky and broken.

Soil, rocky loam with limestone.

Timber, palo negro; undergrowth, creosote, Mormon tea, barrel cactus and ocotillo.

North, bet. secs. 1 and 6, on the W. bdy. of the Tp.

Over rolling to broken terrain.

40.00

Point for the 1/4 sec. cor. of secs. 1 and 6.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.

2012

Survey of the West Boundary, T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona

| | T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona |
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| CHAINS | |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| 80.00 | Point for the cor. Tps. 2 and 3 S., Rs. 21 and 22 E. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd. |
| | T 2 S R 21 E R 22 E S 36 S 31 S 1 S 6 T 3 S |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| | Cor. is located 23 lks. W. a small unnamed wash, drains S. 35° W. |
| | Terrain, rocky and broken. Soil, rocky loam. Timber, palo negro and saguaro; undergrowth, creosote, Mormon tea and ocotillo. |
| | Survey of a Portion of the North Boundary, T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona |
| | From the closing cor. of secs. 2 and 35, Tps. 2 and 3 S., R. 22 E., on the E. bdy. of the San Carlos Indian Reservation, hereinbefore described. |
| | N. 89°59' W., bet. secs. 2 and 35, on the N. bdy. of the Tp. |
| | Over rolling to broken terrain. |
| 19.80 | True point for the 1/4 sec. cor. of secs. 2 and 35; falls on a steep hillside, where it is impracticable to establish a permanent monument. |
| | From this true point, the point selected for the witness cor. to the 1/4 sec. cor. of secs. 2 and 35, bears S. 83°15′ W., 5 chs. dist. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd. |

Survey of a Portion of the North Boundary, T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS

WC
T 2 S R 22 E
S 35
1/4
S 2
T 3 S

2012

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Raise a mound of stone, 2 1/2 ft. base 2 1/2 ft. high, N. of cor.

59.80 Point for the cor. of secs. 1, 6, 31 and 36.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, to bed rock, in a supporting mound of stone, 3 ft. base, to top, with brass cap mkd.

2012

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Terrain, rocky and broken.

Soil, rocky loam.

Timber, palo negro, pinion and saguaro; undergrowth, creosote, yucca, prickly pear cactus and ocotillo.

 $N.~89^{\circ}59'$ W., bet. secs. 3 and 34, on the N. bdy. of the Tp.

Over rolling to broken terrain.

40.00 Point for the 1/4 sec. cor. of secs. 3 and 34.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd.

Survey of a Portion of the North Boundary, T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona

| | T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona |
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| CHAINS | T 2 S R 22 E S 34 1/4 —— S 3 T 3 S |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| 80.00 | Point for the cor. of secs. 3, 4, 33 and 34. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd. |
| | T 2 S R 22 E S 33 S 34 S 4 S 3 T 3 S |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| | Raise a mound of stone, 2 1/2 ft. base 2 1/2 ft. high, W. of cor. |
| | Terrain, rocky and broken. Soil, rocky loam. Timber, palo negro, palo verde and saguaro; undergrowth, creosote, Mormon tea, yucca, prickly pear cactus and ocotillo. |
| | N. 89°59' W., bet. secs. 4 and 33, on the N. bdy. of the Tp. |
| | Over rolling to broken terrain. |
| 40.00 | Point for the 1/4 sec. cor. of secs. 4 and 33. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd. |
| | T 2 S R 22 E S 33 1/4 —— S 4 T 3 S |
| | 2012 |

Survey of a Portion of the North Boundary, T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona

| | T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona |
|--------|---|
| CHAINS | |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| 80.00 | Point for the cor. of secs. 4, 5, 32 and 33. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. |
| | T 2 S R 22 E S 32 S 33 S 5 S 4 T 3 S |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| | Raise a mound of stone, 2 1/2 ft. base 3 ft. high, W. of cor. |
| | Terrain, rocky and broken. Soil, rocky loam. Timber, palo negro, palo verde and saguaro; undergrowth, creosote, Mormon tea, prickly pear cactus, yucca and barrel cactus. |
| | N. 89°59' W., bet. secs. 5 and 32, on the N. bdy. of the Tp. |
| | Over rolling to broken terrain. |
| 40.00 | Point for the 1/4 sec. cor. of secs. 5 and 32. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. |
| | T 2 S R 22 E S 32 1/4 —— S 5 T 3 S |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| | Raise a mound of stone, 2 1/2 ft. base 2 1/2 ft. high, N. of cor. |
| 80.00 | Point for the cor. of secs. 5, 6, 31 and 32. |
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Survey of a Portion of the North Boundary, T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS

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

2012

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Raise a mound of stone, 2 1/2 ft. base 3 ft. high, W. of cor.

Terrain, rocky and broken.

Soil, rocky sandy loam.

Timber, palo negro, palo verde and mesquite; undergrowth, creosote, Mormon tea, barrel cactus and ocotillo.

N. 89°59' W., bet. secs. 6 and 31, on the N. bdy. of the Tp.

Over rolling to broken terrain.

40.00 Point for the 1/4 secs. cor. of secs. 6 and 31.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

2012

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Raise a mound of stone, 2 1/2 ft. base 2 1/2 ft. high, N. of cor.

78.63 The cor. of Tps. 2 and 3 S., Rs. 21 and 22 E., hereinbefore described.

Terrain, rocky and broken.

Soil, clay loam.

Timber, palo negro, palo verde and mesquite; undergrowth, creosote, Mormon tea, barrel cactus and ocotillo.

| | T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona |
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| CHAINS | From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap |
| | mkd. T3S R22E S34 S35 S3 S2 T4S 2011. With an accessory mound of stone, 4 1/2 base, 3 1/2 high, N. of cor. North, bet. secs. 34 and 35. |
| | Over rolling terrain. |
| 40.00 | Point for the 1/4 sec. cor. of secs. 34 and 35. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd. |
| | T 3 S R 22 E 1/4 S 34 S 35 |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| | Raise a mound of stone, 3 ft. base 3 ft. high, W. of cor. |
| 65.00 | Trail road, bears N. 70° E. and S. 70° W. |
| 80.00 | Point for the cor. of secs. 26, 27, 34 and 35. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd. |
| | T 3 S R 22 E S 27 S 26 S 34 S 35 |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| | Raise a mound of stone, 3 ft. base 2 1/2 ft. high, W. of cor. |
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Terrain, rocky and broken.

Soil, clay and rocky loam.

Timber, palo negro, palo verde and mesquite; undergrowth, creosote, Mormon tea and barrel cactus.

From the closing cor. of secs. 26 and 35, on the San Carlos Indian Reservation bdy., hereinbefore described.

| CHAINS | |
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| | S. 89°56' W., bet. secs. 26 and 35. |
| | Over rolling terrain. |
| 19.79 | Point for the 1/4 sec. cor. of secs. 26 and 35. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd. |
| | T 3 S R 22 E S 26 1/4 — S 35 |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| | Raise a mound of stone, 3 ft. base 2 1/2 ft. high, N. of cor. |
| 59.79 | The cor. of secs. 26, 27, 34 and 35. |
| | Terrain, rolling to broken. Soil, clay and rocky loam. Timber, palo negro, mesquite and palo verde; undergrowth, creosote, Mormon tea, prickly pear cactus and cholla. |
| | From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 9 ins. above the ground, in a supporting mound of stone, 4 1/2 ft. base, to top, with brass cap mkd. T3S R21E S33 S34 S4 S3 T4S 2011. |
| | N. 0°01' W., bet. secs. 33 and 34. |
| | Over rocky broken terrain. |
| 27.90 | Trail road, bears N. 80° E. and W. |
| 40.00 | Point for the 1/4 sec. cor. of secs. 33 and 34. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. |
| | T 3 S R 22 E 1/4 S 33 S 34 |
| | 2012 |
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| | 1. 5 S., R. 22 E., Gila and Salt River Meridian, Arizona |
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| CHAINS | |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| | Raise a mound of stone, 3 ft. base 2 1/2 ft. high, W. of cor. |
| 80.00 | Point for the cor. of secs. 27, 28, 33 and 34. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. |
| | T 3 S R 22 E S 28 S 27 S 33 S 34 |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| | Raise a mound of stone, 2 1/2 ft. base 2 ft. high, W. of cor. |
| | Terrain, rocky and broken. Soil, rocky loam. Timber, palo negro, palo verde and mesquite; undergrowth, creosote, Mormon tea, prickly pear cactus and barrel cactus. |
| | From the cor. of secs. 26, 27, 34 and 35. |
| | West, bet. secs. 27 and 34. |
| | Over rolling terrain. |
| 40.00 | Point for the 1/4 sec. cor. of secs. 27 and 34. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd. |
| | T 3 S R 22 E |
| | S 27 1/4 —— |
| | S 34 |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| 80.00 | The cor. of secs. 27, 28, 33 and 34. |
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| | T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona |
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| CHAINS | |
| | Terrain, rocky and broken. Soil, clay loam. Timber, palo negro, palo verde and mesquite; undergrowth, creosote, Mormon tea and barrel cactus. |
| | From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above the ground, with brass cap mkd. T3S R22E S32 S33 S5 S4 T4S 2011. |
| | N. 0°01' W., bet. secs. 32 and 33. |
| | Over rocky broken terrain. |
| 7.47 | Graded road, 14 ft. wide, bears S. 65° E. and N. 70° W. |
| 9.25 | Enter the floodplain of the Gila River, bears S. 70° E and N. 60° W. |
| 40.00 | True point for the 1/4 sec. cor. of secs. 32 and 33; falls in the floodplain of the Gila River, where it is impracticable to establish a permanent monument. |
| | From this true point, the point selected for the witness cor. to the 1/4 sec. cor. of secs. 32 and 33, bears N. 16°29′ W., 10 chs. dist. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, underpinned with a steel fence post, with brass cap mkd. |
| | WC T 3 S R 22 E 1/4 S 32 S 33 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| | Set a steel fence post near the cor. |
| 47.30 | Leave the floodplain of the Gila River, bears E. and W. |
| 69.84 | Graded road, 14 ft. wide, bears S. 30° E. and N. 25° W. |
| 79.74 | Trail road, bears N. 50° E. and S. 50° W. |
| 80.00 | Point for the cor. of secs. 28, 29, 32 and 33. |
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Survey of a Portion of the Subdivisional Lines

| | Survey of a Portion of the Subdivisional Lines, T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona |
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| CHAINS | |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 29 ins. in the ground, with brass cap mkd. |
| | T 3 S R 22 E S 29 S 28 S 32 S 33 |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| | Terrain, floodplain. Soil, slity sandy loam. Timber, palo negro, palo verde, willow and mesquite; undergrowth, creosote and sagebrush. |
| | From the cor. of secs. 27, 28, 33 and 34. |
| | West, bet. secs. 28 and 33. |
| | Over rolling terrain. |
| 40.00 | Point for the 1/4 sec. cor. of secs. 28 and 33. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd. |
| | T 3 S R 22 E S 28 1/4 —— S 33 |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| | Raise a mound of stone, 2 1/2 ft. base 2 1/2 ft. high, N. of cor. |
| 79.65 | Trail road, bears N. 50° E. and S. 50° W. |
| 80.00 | The cor. of secs. 28, 29, 32 and 33. |
| | Terrain, rocky and broken. Soil, clay loam. Timber, palo negro, palo verde and mesquite; undergrowth, creosote, sagebrush and prickly pear cactus. |
| | N. 0°01' W., bet. secs. 28 and 29. |

| CHAINS | |
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| | Over rocky broken terrain. |
| 40.00 | Point for the 1/4 sec. cor. of secs. 28 and 29. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd. |
| | T 3 S R 22 E 1/4 S 29 S 28 |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| | Raise a mound of stone, 3 ft. base 2 1/2 ft. high, W. of cor. |
| 80.00 | Point for the cor. of secs. 20, 21, 28 and 29. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd. |
| | T 3 S R 22 E S 20 S 21 S 29 S 28 |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| | Terrain, rocky and broken. Soil, rocky loam. Timber, palo negro undergrowth, creosote, sagebrush, barrel cactus and ocotillo. |
| | N. 0°01' W., bet. secs. 20 and 21. |
| | Over rocky broken terrain. |
| 40.00 | Point for the 1/4 sec. cor. of secs. 20 and 21. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd. |
| | T 3 S R 22 E 1/4 S 20 S 21 |
| | 2012 |
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| | T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona |
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| CHAINS | |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| | Raise a mound of stone, 3 ft. base 2 1/2 ft. high, W. of cor. |
| 80.00 | Point for the cor. of secs. 16, 17, 20 and 21. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd. |
| | T 3 S R 22 E S 17 S 16 S 20 S 21 |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| | Raise a mound of stone, 2 1/2 ft. base 2 1/2 ft. high, W. of cor. |
| | Terrain, rocky and broken. Soil, rocky loam. Timber, palo negro, palo verde and mesquite; undergrowth, creosote, Mormon tea, sagebrush and barrel cactus. |
| | From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above the ground, with brass cap mkd. T3S R21E R22E S36 S31 S1 S6 T4S 2011. |
| | N. 0°02' W., bet. secs. 31 and 32. |
| | Over rocky broken terrain. |
| 39.24 | Graded road, 14 ft. wide, bears N. 55° E. and S. 55° W. |
| 40.00 | Point for the 1/4 sec. cor. of secs. 31 and 32. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd. |
| | T 3 S R 22 E 1/4 S 31 S 32 |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
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| | T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona |
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| CHAINS | |
| | Raise a mound of stone, 2 1/2 ft. base 2 1/2 ft. high, W. of cor. |
| 54.54 | Upper Road, asphalt road, 21 ft. wide, bears S. 45° E. and N. 50° W. |
| 63.67 | Graded road, 12 ft. wide, bears S. 40° E. and N. 50° W. |
| 65.32 | Center of Arizona Eastern railroad tracks, bears S. 40° E. and N. 35° W. |
| 67.79 | U.S. Highway No. 70, asphalt surfaced, 36 ft. wide, bears S. 35° E. and N. 25° W. |
| 69.53 | Graded road, 14 ft. wide, bears S. 35° E. and N. 35° W. |
| 80.00 | Point for the cor. of secs. 29, 30, 31 and 32. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., flush with asphalt, with brass cap mkd. |
| | T 3 S R 22 E S 30 S 29 S 31 S 32 |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| | Cor. is located in the asphalt drive way of "Our Savior's Lutheran Church "WELS"" |
| | Terrain, rocky and broken. Soil, clay loam. Timber, palo verde and mesquite; undergrowth, creosote, Mormon tea, barrel cactus and prickly pear cactus. |
| | From the cor. of secs. 28, 29, 32 and 33. |
| | West, bet. secs. 29 and 32. |
| 8.09 | Over rolling terrain. Graded road, 14 ft. wide, bears S. 40° E. and N. 30° W. |
| 22.60 | Enter the floodplain of the Gila River, bears S. 10° W. and N. 40° W. |
| 40.00 | True point for the 1/4 sec. cor. of secs. 29 and 32; falls in the flood plain of the Gila River, where it is impracticable to establish a permanent monument. |
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| | T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona |
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| CHAINS | |
| | From this true point, the point selected for the witness cor. to the 1/4 sec. cor. of secs. 29 and 32, bears S. 32°46′ E., 4 chs. dist. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, underpinned with a steel fence post, with brass cap mkd. |
| | WC T 3 S R 22 E S 29 1/4 ——— |
| | $1/4 {S} \sqrt{32}$ |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| 61.66 | Leave the floodplain of the Gila River, bears N. 25° E and S. 25° W. |
| 69.29 | Graded road, 14 ft. wide, bears N. 60° E. and S. 50° W. |
| 75.51 | Underground El Paso gas line with two track road onside, bears S. 35° E. and N. 30° W. |
| 79.61 | Lower Road, asphalt road, 24 ft. wide, bears S. 40° E. and N. 40° W. |
| 80.00 | The cor. of secs. 29, 30, 31 and 32. |
| | Terrain, rolling to floodplain. |
| | Soil, silty loam. Timber, salt cedar, willow, palo verde and mesquite; undergrowth, creosote, prickly pear cactus, barrel cactus and native grasses. |
| | West, bet. secs. 30 and 31. |
| | Over rolling terrain. |
| 8.19 | U.S. Highway No. 70, asphalt surfaced, 36 ft. wide, bears S. 40° E. and N. 40° W. |
| 9.86 | Center of Arizona Eastern railroad tracks, bears S. 40° E. and N. 40° W. |
| 11.87 | Upper Road, asphalt road, 24 ft. wide, bears S. 10° E. and N. 12° W. |
| 29.30 | Graded road, 14 ft. wide, bears N. 30° E. and S. 30° W. |
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| 40.00 | Point for the 1/4 sec. cor. of secs. 30 and 31. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd. |
| | T 3 S R 22 E |
| | S 30 |
| | 1/4 ———————————————————————————————————— |
| | 2012 |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. |
| 78.89 | The cor. of secs. 25, 30, 31 and 36. |
| | Terrain, rocky and broken. |
| | Soil, sandy loam. Timber, palo negro, palo verde and mesquite; undergrowth, creosote, Mormon tea, barrel cactus, cats-claw and prickly pear cactus. |
| | From the cor. of secs. 29, 30, 31 and 32. |
| | From the cor. or sees. 25, 30, 31 and 32. |
| | N. 0°02' W., bet. secs. 29 and 30. |
| | Over rolling terrain. |
| 0.36 | Lower Road, asphalt road, 24 ft. wide, bears S. 40° E. and N. 30° W. |
| 6.44 | Graded road, 30 ft. wide, bears S. 35° E. and N. 35° W. |
| 23.77 | Underground El Paso gas line with two track road alongside, bears S. 10° E. and N. 10° W. |
| 28.71 | Graded road, 14 ft. wide, bears N. 60° E. and S. 60° W. |
| 29.46 | Graded road, 14 ft. wide, bears N. 60° E. and S. 60° W. |
| 40.00 | True point for the 1/4 sec. cor. of secs. 29 and 30; falls in a steep wash, where it is impracticable to establish a permanent monument. |
| | From this true point, the point selected for the witness cor. to the $1/4$ sec. cor. of secs. 29 and 30, bears N. $44^{\circ}58'$ E., 4 chs. dist. |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 6 ins. below the ground, with brass cap mkd. |
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| | T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona | |
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| CHAINS | | |
| | WC T 3 S R 22 E 1/4 S 30 S 29 2012 | |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. | |
| 60.54 | Graded road, 14 ft. wide, bears S. 15° E. and N. 10° W. | |
| 68.20 | Enter the floodplain of the Gila River, bears S. 30° E and N. 30° W. | |
| 80.00 | True point for the cor. of secs. 19, 20, 29 and 30; falls in Gila River floodplain, where it is impracticable to establi permanent monument. | |
| | From this true point, the point selected for the witness cor. to the cor. of secs. 19, 20, 29 and 30, bears S. 44°58′ W., 4 chs. dist. | |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam. 26 ins. in the ground, with brass cap mkd. WC T 3 S R 22 E | |
| | | |
| S 19 S 20 S 30 S 29 | | |
| | 2012 | |
| Deposit a magnet, in a white plastic case, at the base o stainless steel post. | | |
| | Set a steel fence post near the cor. | |
| | Terrain, flat. Soil, silty loam. Timber, salt cedar and mesquite; undergrowth, creosote and Mormon tea. | |
| From the cor. of secs. 20, 21, 28 and 29. West, bet. secs. 20 and 29. | | |
| | | |
| 32.15 | Graded road, 14 ft. wide, bears S. 15° E. and N. 15° W. | |
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| | T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona | | |
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| CHAINS | | | |
| 40.00 | Point for the 1/4 sec. cor. of secs. 20 and 29. | | |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. | | |
| | T 3 S R 22 E S 20 1/4 — S 29 | | |
| 2012 | | | |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. | | |
| 41.60 | Enter the floodplain of the Gila River, bears S. 5° E and S. 5° W. | | |
| 80.00 | The true point for cor. of secs. 19, 20, 29 and 30. | | |
| | Terrain, flat. Soil, silty loam. Timber, salt cedar and mesquite; undergrowth, creosote, Mormon tea, sagebrush and native grasses. | | |
| | West, bet. secs. 19 and 30. | | |
| | Over rolling terrain. | | |
| 3.50 | Leave the floodplain of the Gila River, bears S. 30° E and N. 30° W. | | |
| 9.16 | Graded road, 14 ft. wide, bears S. 35° E. and N. 35° W. | | |
| 13.21 | Graded road, 14 ft. wide, bears N. 50° E. and S. 45° W. | | |
| 25.66 | Graded road, 16 ft. wide, bears S. 20° E. and N. 20° W. | | |
| 26.97 | U.S. Highway No. 70, asphalt surfaced, 36 ft. wide, bears S. 20° E. and N. 10° W. | | |
| 36.75 | Center of Arizona Eastern railroad tracks, bears S. 75° E. and N. 28° W. | | |
| 40.00 | True point for the 1/4 sec. cor. of secs. 19 and 30; falls on a steep unstable bank, where it is impracticable to establish a permanent monument. | | |
| | From this true point, the point selected for the witness cor. to the 1/4 sec. cor. of secs. 19 and 30, bears S. 45°03′ E., 25 lks. dist. | | |
| | | | |

CHAINS

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

2012

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

78.84 The cor. of secs. 19, 22, 25 and 30.

Terrain, rocky and broken.

Soil, clay loam.

Timber, palo negro, palo verde and mesquite; undergrowth, creosote, Mormon tea, barrel cactus and cats-claw.

From the true point for the cor. of secs. 19, 20, 29 and 30.

N. 0°02' W., bet. secs. 19 and 20.

Over rolling terrain.

True point for the 1/4 sec. cor. of secs. 19 and 20; falls in the Gila River floodplain, where it is impracticable to establish a permanent monument.

From this true point, the point selected for the witness cor. to the 1/4 sec. cor. of secs. 19 and 20, bears N. $44^{\circ}58'$ E., 9 chs. dist.

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

WC T 3 S R 22 E 1/4 S 19 S 20 2012

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Set a steel fence post near the cor.

| | T. 3 S., R. 22 E., Gila and Sait River Meridian, Arizona | | | |
|--|--|--|--|--|
| CHAINS | | | | |
| 52.50 | Leave the floodplain of the Gila River, bears S. 30° E and N. 30° W. | | | |
| 80.00 | Point for the cor. of secs. 17, 18, 19 and 20. | | | |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. | | | |
| | T 3 S R 22 E S 18 S 17 S 19 S 20 | | | |
| Deposit a magnet, in a white plastic case, at the base stainless steel post. | | | | |
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| | | | | |
| West, bet. secs. 17 and 20. | | | | |
| | Over broken terrain. | | | |
| 40.00 | Point for the 1/4 sec. cor. of secs. 17 and 20. | | | |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. | | | |
| | T 3 S R 22 E | | | |
| | S 17 1/4 —— | | | |
| | s 20 | | | |
| | 2012 | | | |
| | Deposit a magnet, in a white plastic case, at the base of the stainless steel post. | | | |
| 45.48 | Graded road, 14 ft. wide, bears North and S. 10° E. | | | |
| 80.00 | The cor. of secs. 27, 28, 33 and 34. | | | |
| | Terrain, flat to rocky and broken. Soil, loam. Timber, palo negro and mesquite; undergrowth, creosote, | | | |
| | sagebrush and native grasses. | | | |
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| | T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona | |
|---|---|--|
| CHAINS | | |
| | West, bet. secs. 18 and 19. | |
| | Over flat terrain. | |
| 37.10 | Enter the floodplain of the Gila River, bears S. 45° E and S. 45° W. | |
| 40.00 | True point for the 1/4 sec. cor. of secs. 18 and 19; falls in Gila River, where it is impracticable to establish a permanent monument. | |
| | From this true point, the point selected for the witness cor. to the 1/4 sec. cor. of secs. 18 and 19, bears N. 45°00′ E., 7 chs. dist. | |
| | Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd. | |
| | WC T 3 S R 22 E S 18 1/4 — S 19 | |
| | 2012 | |
| Deposit a magnet, in a white plastic case, at the bastainless steel post. | | |
| | Set a steel fence post near the cor. | |
| 60.18 | U.S. Highway No. 70, asphalt surfaced, 30 ft. wide, bears S. 30° E. and N. 30° W. | |
| 78.79 | The cor. of secs. 13, 18, 19 and 24. | |
| | Terrain, flat. Soil, silty loam. Timber, salt cedar and mesquite; undergrowth, sagebrush and native grasses. | |
| | From the cor. of secs. 17, 18, 19 and 20. | |
| 1 | N. 0°02' W., bet. secs. 17 and 18. | |
| | Over flat to rolling and broken terrain. | |
| 2.53 | Graded road, 14 ft. wide, bears N. 85° E. and S. 80° W. | |
| 40.00 | Point for the 1/4 sec. cor. of secs. 34 and 35. | |
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| CHA | INS |
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Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, to bedrock, in a mound of stone, 3 ft. base, to top, with brass cap mkd.

2012

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

80.00

Point for the cor. of secs. 7, 8, 17 and 18.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

2012

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Raise a mound of stone, 3 ft. base 3 ft. high, W. of cor.

Terrain, rocky and broken.

Soil, rocky loam.

Timber, palo negro and mesquite; undergrowth, creosote.

West, bet. secs. 7 and 18.

Over rolling terrain.

40.00

Point for the 1/4 sec. cor. of secs. 7 and 18.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

2012

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

| T. 3 S., R. 22 E., Gila and Salt River Meridian, Arizona | | | |
|---|---|--|--|
| CHAINS | | | |
| | Raise a mound of stone, 2 1/2 ft. base 3 ft. high, N. of cor. | | |
| 64.16 | Trail road, bears East and S. 60° W. | | |
| 72.00 | Trail road, bears N. 12° E. and S. 14° W. | | |
| 78.74 | The cor. of secs. 7, 12, 13 and 18. | | |
| | Terrain, rocky and broken. Soil, rocky loam. Timber, mesquite; undergrowth, creosote and barrel cactus. | | |
| | GENERAL DESCRIPTION | | |
| | This survey is located on the Can Carlos Apache Indian Reservation, the community of Bylas is located in the Southwest corner of the Township. The terrain is rolling and broken, with mesas and ravines throughout. Access is primarily cross country with only a small portion reached from various roads near the population areas. U.S. 70 Highway runs through the Southwest corner of the township. | | |
| | The elevation varies from 2,600 to about 4,100 feet above sea level. The soil is mostly gravel and rocky loam. The vegetation is cacti, creosote and native grasses throughout the township. The Gila River runs through the Southeast corner of the Township | | |
| The mean magnetic declination of 10 1/2° E. was derived from National Geophysical Data Center's magnetic declinational Geomagnetic declination of the International Geomagnetic Field model for years 2010 through 2015, for the of survey. | | | |
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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

| NAMES | CAPACITY |
|-----------------|-----------------------|
| Carlos A. Payan | Fire-Range Technician |
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CERTIFICATE OF SURVEY

I, Christopher P. McDonald, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 18th day of January, 2011, I have dependently resurveyed a portion of the east boundary of the San Carlos Indian Reservation and surveyed the west boundary, a portion of the north boundary and a portion of the subdivisional lines, Township 3 South, Range 22 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. Said survey has been made in strict conformity with said special instructions, the Manual of Surveying Instructions for the Survey of the Public Lands of the United States, 2009, and in specific manner described in the foregoing field notes.

08/20/2012



CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the east boundary of the San Carlos Indian Reservation and the survey of the west boundary, a portion of the north boundary and a portion of the subdivisional lines, Township 3 South, Range 22 East, Gila and Salt River Meridian, in the State of Arizona, executed by Christopher P. McDonald, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

| 8/20/2012 (Date) | Stephen K. Itansen (Chief Cadastral Surveyor of Arizona) |
|---------------------|--|
| CERTIF | FICATE OF TRANSCRIPT |
| | transcript of the field notes of the above R 22 E., Gila and Salt River Meridian, riginal field notes. |
| (Date) | (Chief Cadastral Surveyor of Arizona) |