Book 5682

ORIGINAL

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

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF A PORTION OF THE

SUBDIVISIONAL LINES

AND THE METES-AND-BOUNDS

SURVEYS IN SECTIONS 8 AND 9,

**TOWNSHIP 10 NORTH, RANGE 3 EAST,**

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA.

## EXECUTED BY

Dale C. Wilson, Cadastral Surveyor

Under Special Instructions dated April 6, 2001, approved April 6, 2001, which provided for the surveys included under Group No. 869, and assignment instructions dated December 17, 2001.

Survey commenced December 18, 2001

Survey completed April 30, 2002

# INDEX DIAGRAM

TOWNSHIP 10 NORTH RANGE 3 EAST

| | | | | | |
|---|---|---|---|---|---|
| **6** | **5** | **4** | **3** | **2** | **1** |
| **7** | 6 **8** | 5 4 **9** | 2 **10** | **11** | **12** |
| **18** | 5 **17** | 3 **16** | **15** | **14** | **13** |
| **19** | **20** | **21** | **22** | **23** | **24** |
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**T. 10 N., R. 3 E., Gila and Salt River Meridian, Arizona**

CHAINS

The following field notes describe the dependent resurvey of a portion of the subdivisional lines and the metes-and-bounds surveys in sections 8 and 9, T. 10 N., R. 3 E., Gila and Salt River Meridian, Arizona.

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

Lewis Wolfley surveyed the exterior boundaries and subdivisional lines in 1884. Francis E. Joy dependently resurveyed portions of the subdivisional lines in 1933. William E. Hiester, Ty White, Raymond F. Moss, G. Marvin Litz and Bert E. Wakeman dependently resurveyed the east boundary in 1941. Patrick W. Naville, Arizona Registered Land Surveyor No. 13015, representing Southwestern Environmental Consultants, at the direction of the land owner, surveyed metes-and-bounds parcels in sections 8 and 9 in 1988.

The survey was executed in accordance with the specifications as set forth in the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and the Special Instructions dated April 6, 2001, for Group No. 869, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation 4400 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.

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) SALT RIVER PROJECT, SCOTTSDALE AND FLAGSTAFF 1. The NAD 83 (CORS96), geographic position of the cor. of secs. 9, 10, 15 and 16, is as follows:

Latitude: 34° 15' 11.50" N. Longitude: 112° 02' 17.77" W.

The mean magnetic declination is 12¼° E.

**Dependent Resurvey of a Portion of the Subdivisional Lines,**
**T. 10 N., R. 3 E., Gila and Salt River Meridian, Arizona**

CHAINS

Restoring the survey executed by
Lewis Wolfley, in 1884

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Beginning at the point for the cor. of secs. 9, 10, 15 and 16, at proportionate dist.; there is no remaining evidence of the original cor.

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 18 ins. in the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.

T10N R3E
S 9 | S10
---
S16 | S15
2002

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

From this cor. point, the cor. of secs. 12 and 13, on the E. bdy. of the Tp., bears N. 89°30' E., 239.22 chs. dist., monumented with an iron post, 2 ins. diam., firmly set, flush with ground, in a mound of stone, 4 ft. base, 2 ft. high, with brass cap mkd. T10N T10N S12 S13 R3E R4E S18 1941. Add the marks 2002 to the brass cap. Cor. falls 15 lks. W. of a fence, bears N. and S.

This control line was fully retraced and careful search was made for evidence of intervening cors., none of which was recovered.

From this same cor. point, the 1/4 sec. cor. of secs. 15 and 16, bears S. 0°12' E., 39.91 chs. dist., monumented with a basalt stone, 16 x 12 x 7 ins., firmly set, 4 ins. in the ground, plainly mkd. 1/4 on W. face.

At the cor. point

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T10N R3E
1/4
S16 | S15
2002

Bury the marked stone alongside the stainless steel post.

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

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 10 N., R. 3 E., Gila and Salt River Meridian, Arizona**

| CHAINS | |
|---|---|
| | N. 1°00' W., bet. secs. 9 and 10. |
| | Over heavily rolling mesas and rough steep canyons. |
| 39.92 | Point for the 1/4 sec. cor. of secs. 9 and 10, at proportionate distance; there is no remaining evidence of the original cor. |
| | Set a stainless steel post, 28 ins. long, 2½ ins. diam., 14 ins. in the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.<br>T10N R3E<br>1/4<br>S9 \| S10<br>2002 |
| | Deposit a magnet in a white plastic case at the base of the stainless steel post. |
| 79.84 | The cor. of secs. 3, 4, 9 and 10, monumented with an iron post, 2 ins. diam., firmly set, projecting 11 ins. above ground, with a mound of stone, 4 ft. base, 1 ft. high to the W., with brass cap mkd. T10N R3E S4 S3 S9 S10 1933. |
| | Add the marks 2002 to the brass cap. |
| | From the cor. of secs. 9, 10, 15 and 16. |
| | S. 89°40' W., bet. secs. 9 and 16. |
| | Over heavily rolling mesas and steep rocky canyons. |
| 39.82 | Point for the 1/4 sec. cor. of secs. 9 and 16, at proportionate dist.; there is no remaining evidence of the original cor. |
| | Set a stainless steel post, 28 ins. long, 2½ ins. diam., 12 ins. in the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.<br>T10N R3E<br>S9<br>1/4 ———<br>S16<br>2002 |
| | Deposit a magnet in a white plastic case at the base of the stainless steel post. |
| 79.64 | Point for the cor. of secs. 8, 9, 16 and 17, at proportionate dist.; there is no remaining evidence of the original cor. |

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 10 N., R. 3 E., Gila and Salt River Meridian, Arizona**

| CHAINS | |
|---|---|
| | Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, in a collar of stone, with brass cap mkd.<br><br>T10N R3E<br>S8 \| S9<br>S17 \| S16<br>2002<br><br>Deposit a magnet in a white plastic case at the base of the stainless steel post.<br><br>From this cor. point, the cor. of secs. 16, 17, 20 and 21, bears S. 0°07' E., 80.14 chs. dist., monumented with a basalt stone, 24 x 12 x 6 ins., firmly set, 12 ins. in the ground, plainly mkd. with 4 grooves on E. face and 3 grooves on S. face, with a mound of stone, 3 ft. base, 1½ ft. high to the W.<br><br>At the cor. point<br><br>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 14 ins. in the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.<br><br>T10N R3E<br>S17 \| S16<br>S20 \| S21<br>2002<br><br>Bury the original stone alongside the stainless steel post.<br><br>Deposit a magnet in a white plastic case at the base of the stainless steel post.<br><br>This control line was fully retraced and careful search was made for evidence of intervening cors., none of which was recovered. |
| | N. 1°05' W., bet. secs. 8 and 9.<br><br>Over gently rolling, low rocky hills. |
| 5.17 | Intersect line 15-16 of the metes-and-bounds survey, hereinafter described. |
| 40.07 | Point for the 1/4 sec. cor. of secs. 8 and 9, at proportionate dist.; there is no remaining evidence of the original cor. Not monumented. |
| 61.35 | Intersect line 1-2 of the metes-and-bounds survey, hereinafter described. |

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 10 N., R. 3 E., Gila and Salt River Meridian, Arizona**

| CHAINS | |
|---|---|
| 80.14 | The cor. of secs. 4, 5, 8 and 9, monumented with an iron post, 2 ins. diam., firmly set, projecting 12 ins. above ground with a mound of stone, 3 ft. base, 1 ft. high to the W., with brass cap mkd. T10N R3E S5 S4 S8 S9 1933.<br><br>Add the marks 2002 to the brass cap. |
| | From the cor. of secs. 3, 4, 9 and 10.<br><br>S. 89°54' W., bet. secs. 4 and 9.<br><br>Over heavily rolling mesas and steep canyons. |
| 39.88 | The 1/4 sec. cor. of secs. 4 and 9, monumented with an iron post, 1 in. diam., firmly set, projecting 5 ins. above ground with brass cap mkd. 1/4 S4 S9 1933.<br><br>from which the 1933 bearing trees<br><br>A juniper, 22 ins. diam., bears N. 60° E., 160 lks. dist., with a healed blaze.<br><br>A Sycamore, 14 ins. diam., bears S. 36¼° E., 317 lks. dist., no visible marks.<br><br>Add the marks T10N R3E 2002 to the brass cap. |
| | S. 89°52' W., beginning new measurement.<br><br>Over rolling and broken creek bottoms and ridges. |
| 39.87 | The cor. of secs. 4, 5, 8 and 9. |
| | From the cor. of secs. of secs. 8, 9, 16 and 17.<br><br>S. 89°06' W., bet. secs. 8 and 17.<br><br>Over gently rolling mesa. |
| 39.89 | Point for the 1/4 sec. cor. of secs. 8 and 17, at proportionate dist.; there is no remaining evidence of the original cor.<br><br>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, in a small collar of stone, with brass cap mkd. |

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 10 N., R. 3 E., Gila and Salt River Meridian, Arizona**

| CHAINS | |
|---|---|
| | T10N R3E<br>S8<br>1/4 ———<br>S17<br>2002<br><br>Deposit a magnet in a white plastic case at the base of the stainless steel post. |
| 79.78 | The cor. of secs. 7, 8, 17 and 18, monumented with an iron post, 2 ins. diam., firmly set, projecting 14 ins. above ground, with a mound of stone, 3 ft. base, 1 ft. high to the W., with brass cap mkd. T10N R3E S7 S8 S18 S17 1933.<br><br>Add the marks 2001 to the brass cap. |
| | N. 2°51' W., bet. secs. 7 and 8.<br><br>Over rolling and broken washes and ridges. |
| 40.25 | Point for the 1/4 sec. cor. of secs. 7 and 8, at proportionate dist.; there is no remaining evidence of the original cor.<br><br>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 14 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.<br><br>T10N R3E<br>1/4<br>S7 \| S8<br>2002<br><br>Deposit a magnet in a white plastic case at the base of the stainless steel post. |
| 80.50 | The cor. of secs. 5, 6, 7 and 8, monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above the ground, with a scattered mound of stone to the W., with brass cap mkd. T10N R3E S6 S5 S7 S8 1933.<br><br>Encircle the iron post with a mound of stone, 2 ft. base, ½ ft. high.<br><br>Add the marks 2001 to the brass cap. |
| | From the cor. of secs. 4, 5, 8 and 9.<br><br>S. 89°56' W., bet. secs. 5 and 8.<br><br>Over heavily rolling ridges and washes. |

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 10 N., R. 3 E., Gila and Salt River Meridian, Arizona**

| CHAINS | |
|---|---|
| 42.14 | The 1/4 sec. cor. of secs. 5 and 8, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above ground, with a mound of stone, 3 ft. base, 2 ft. high to the N., with brass cap mkd. 1/4 S5 S8 1933.<br><br>Add the marks T10N R3E 2002 to the brass cap. |
| | S. 88°40' W., beginning new measurement.<br><br>Over rolling, rough, rocky boulder strewn terrain. |
| 40.11 | The cor. of secs. 5, 6, 7 and 8. |

**Metes-and-Bounds Surveys in Sections 8 and 9,
T. 10 N., R. 3 E., Gila and Salt River Meridian, Arizona**

From the point for Angle Point 1, established by Patrick W. Naville, Arizona Registered Land Surveyor No. 13015, monumented with a steel reinforcement rod, 18 ins. long, ⅝ in. diam., firmly set, flush with the ground, with plastic cap mkd. SEC LS 13015.

Set an aluminum rod, ¾ in. diam., 25 ins. long, 21 ins. in the ground with aluminum cap mkd.

T10N R3E
S9
AP1
2002

Bury the reinforcement rod alongside the aluminum rod.

From this cor. point, an iron pipe, 3 ins. diam., firmly set in concrete, projecting 26 ins. above ground bears, S. 80° W., 1 lk. dist.

From this same cor. point, the cor. of secs. 4, 5, 8 and 9, bears N. 46°52' W., 24.40 chs. dist., hereinbefore described.

S. 83°05' W., on line 1-2.

17.58 Intersect the line bet. secs. 8 and 9.

From this point, the cor. of secs. 4, 5, 8 and 9 bears N. 1°05' W., 18.79 chs. dist., hereinbefore described.

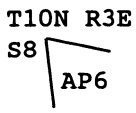
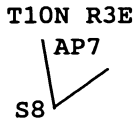
**Metes-and-Bounds Surveys in Sections 8 and 9,
T. 10 N., R. 3 E., Gila and Salt River Meridian, Arizona**

| CHAINS | |
|---|---|
| 26.23 | Point for Angle Point 2, established by Patrick W. Naville, Arizona Registered Land Surveyor No. 13015, monumented with a steel reinforcement rod, 18 ins. long, ⅝ in. diam., firmly set, 16 ins. in the ground, with plastic cap mkd. SEC LS 13015.<br><br>Set an aluminum rod, ¾ in. diam., 26 ins. long, 22 ins. in the ground with aluminum cap mkd.<br><br>T10N R3E<br>S8 / AP2<br><br>2002<br><br>Bury the reinforcement rod alongside the aluminum rod.<br><br>From this cor. point, an iron pipe, 3 ins. diam., firmly set in concrete, projecting 30 ins. above ground, bears S. 41¾° W., 1 lk. dist.<br><br>---<br><br>S. 22°18' W., on line 2-3.<br><br>Over gently rolling land. |
| 0.78 | Point for Angle Point 3, established by Patrick W. Naville, Arizona Registered Land Surveyor No. 13015, monumented with a steel reinforcement rod, 18 ins. long, ⅝ in. diam., firmly set, 15 ins. in the ground, with plastic cap mkd. SEC LS 13015.<br><br>Set an aluminum rod, ¾ in. diam., 42 ins. long, 36 ins. in the ground with aluminum cap mkd.<br><br>T10N R3E<br>S8 / AP3<br><br>2002<br><br>Bury the reinforcement rod alongside the aluminum rod.<br><br>From this cor. point, an iron pipe, 3 ins. diam., firmly set in concrete, projecting 32 ins. above ground bears N. 61½° W., 2 lks. dist.<br><br>---<br><br>S. 7°55' W., on line 3-4.<br><br>Over rolling terrain. |

**Metes-and-Bounds Surveys in Sections 8 and 9,
T. 10 N., R. 3 E., Gila and Salt River Meridian, Arizona**

| CHAINS | |
|---|---|
| 6.66 | Point for Angle Point 4, established by Patrick W. Naville, Arizona Registered Land Surveyor No. 13015, monumented with a steel reinforcement rod, 18 ins. long, ⅝ in. diam., firmly set, 16 ins. in the ground, with plastic cap mkd. SEC LS 13015.<br><br>Set an aluminum rod, ¾ in. diam., 33 ins. long, 28 ins. in the ground with aluminum cap mkd.<br><br>T10N R3E<br>AP4 / S8<br><br>2002<br><br>Bury the reinforcement rod alongside the aluminum rod.<br><br>From this cor. point, an iron pipe, 3 ins. diam., firmly set in concrete, projecting 29 ins. above ground, bears S. 13¼° E., 2 lks. dist.<br><br>---<br><br>N. 85°40' W., on line 4-5.<br><br>Over rolling terrain. |
| 17.83 | Point for Angle Point 5, established by Patrick W. Naville, Arizona Registered Land Surveyor No. 13015, monumented with a steel reinforcement rod, 18 ins. long, ⅝ in. diam., firmly set, 16 ins. in the ground, with plastic cap mkd. SEC LS 13015.<br><br>Set an aluminum rod, ¾ in. diam., 27 ins. long, 21 ins. in the ground with aluminum cap mkd.<br><br>T10N R3E<br>S8<br>AP5<br>2002<br><br>Bury the reinforcement rod alongside the aluminum rod.<br><br>From this cor. point, an iron pipe, 3 ins. diam., firmly set in concrete, projecting 30 ins. above ground, bears S. 3¼° W., 1 lk. dist.<br><br>---<br><br>N. 87°44' W., on line 5-6.<br><br>Over rolling terrain. |

**Metes-and-Bounds Surveys in Sections 8 and 9,
T. 10 N., R. 3 E., Gila and Salt River Meridian, Arizona**

| CHAINS | |
|---|---|
| 14.04 | Point for Angle Point 6, established by Patrick W. Naville, Arizona Registered Land Surveyor No. 13015, monumented with a steel reinforcement rod, 18 ins. long, ⅝ in. diam., firmly set flush with the ground, with plastic cap mkd. SEC LS 13015.<br><br>Set an aluminum rod, ¾ in. diam., 24 ins. long, 18 ins. in the ground with aluminum cap mkd.<br><br>  <br><br>2002<br><br>Bury the reinforcement rod alongside the aluminum rod.<br><br>From this cor. point, an iron pipe, 3 ins. diam., firmly set in concrete, projecting 29 ins. above ground, bears S. 33½° E., 1 lk. dist.<br><br>---<br><br>S. 11°51' E., on line 6-7.<br><br>Over rolling terrain. |
| 10.40 | Point for Angle Point 7, established by Patrick W. Naville, Arizona Registered Land Surveyor No. 13015, monumented with a steel reinforcement rod, 18 ins. long, ⅝ in. diam., firmly set, 16 ins. in the ground, with plastic cap mkd. SEC LS 13015.<br><br>Set an aluminum rod, ¾ in. diam., 29 ins. long, 23 ins. in the ground with aluminum cap mkd.<br><br>  <br><br>2002<br><br>Bury the reinforcement rod alongside the aluminum rod.<br><br>From this cor. point, an iron pipe, 3 ins. diam., firmly set in concrete, projecting 30 ins. above ground, bears S. 23° W., 1 lk. dist.<br><br>---<br><br>N. 50°17' E., on line 7-8.<br><br>Over rolling terrain. |

**Metes-and-Bounds Surveys in Sections 8 and 9,
T. 10 N., R. 3 E., Gila and Salt River Meridian, Arizona**

| CHAINS | |
|---|---|
| 5.11 | Point for Angle Point 8, established by Patrick W. Naville, Arizona Registered Land Surveyor No. 13015, monumented with a steel reinforcement rod, 18 ins. long, ⅝ in. diam., firmly set, 17 ins. in the ground, with plastic cap mkd. SEC LS 13015.<br><br>Set an aluminum rod, ¾ in. diam., 28 ins. long, 24 ins. in the ground with aluminum cap mkd.<br><br>T10N R3E<br>AP8<br>S8<br>2002<br><br>Bury the reinforcement rod alongside the aluminum rod.<br><br>From this cor. point, an iron pipe, 3 ins. diam., firmly set in concrete, projecting 27 ins. above ground, bears N. 83½° E., 1 lk. dist.<br><br>---<br><br>S. 35°47' E., on line 8-9.<br><br>Over rolling terrain. |
| 5.80 | Point for Angle Point 9, established by Patrick W. Naville, Arizona Registered Land Surveyor No. 13015, monumented with a steel reinforcement rod, 18 ins. long, ⅝ in. diam., firmly set, 15 ins. in the ground, with plastic cap mkd. SEC LS 13015.<br><br>Set an aluminum rod, ¾ in. diam., 28 ins. long, 23 ins. in the ground with aluminum cap mkd.<br><br>T10N R3E<br>S8 AP9<br>2002<br><br>Bury the reinforcement rod alongside the aluminum rod.<br><br>From this cor. point, an iron pipe, 3 ins. diam., firmly set in concrete, projecting 31 ins. above ground, bears S. 35° E., 1 lk. dist.<br><br>---<br><br>S. 13°25' W., on line 9-10.<br><br>Over rolling terrain. |

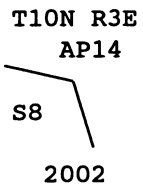
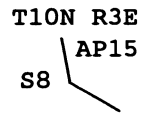
**Metes-and-Bounds Surveys in Sections 8 and 9,
T. 10 N., R. 3 E., Gila and Salt River Meridian, Arizona**

| CHAINS | |
|---|---|
| 14.72 | Point for Angle Point 10, established by Patrick W. Naville, Arizona Registered Land Surveyor No. 13015, monumented with a steel reinforcement rod, 18 ins. long, ⅝ in. diam., firmly set, 12 ins. in the ground, with plastic cap mkd. SEC LS 13015.<br><br>Set an aluminum rod, ¾ in. diam., 42 ins. long, 33 ins. in the ground with aluminum cap mkd.<br><br>T10N R3E<br>S8 / AP10<br><br>2002<br><br>Bury the reinforcement rod alongside the aluminum rod.<br><br>From this cor. point, an iron pipe, 3 ins. diam., firmly set in concrete, projecting 29 ins. above ground, bears N. 82° E., 1 lk. dist. |
| | S. 53°11' W., on line 10-11.<br><br>Over rolling terrain. |
| 5.84 | Point for Angle Point 11, determined by grant boundary adjustment of Patrick W. Naville's 1988 survey between Angle Points 10 and 12. Found a steel reinforcement rod, 17 ins. long, ⅝ in. diam., lying loose near by, with plastic cap mkd. SEC LS 13015.<br><br>Set an aluminum rod, ¾ in. diam., 30 ins. long, 24 ins. in the ground with aluminum cap mkd.<br><br>T10N R3E<br>S8 \ AP11<br><br>2002<br><br>Bury the reinforcement rod alongside the aluminum rod.<br><br>From this cor. point, an iron pipe, 3 ins. diam., firmly set in concrete, projecting 28 ins. above ground, bears S. 76°27' W., 1.27 chs. dist. |
| | S. 3°48' E., on line 11-12.<br><br>Over rolling terrain. |

**Metes-and-Bounds Surveys in Sections 8 and 9,
T. 10 N., R. 3 E., Gila and Salt River Meridian, Arizona**

| CHAINS | |
|---|---|
| 8.08 | Point for Angle Point 12, established by Patrick W. Naville, Arizona Registered Land Surveyor No. 13015, monumented with a steel reinforcement rod, 18 ins. long, ⅝ in. diam., firmly set, 9 ins. in the ground, with plastic cap mkd. SEC LS 13015.<br><br>Set an aluminum rod, ¾ in. diam., 18 ins. long, 14 ins. in the ground with aluminum cap mkd.<br><br>T1ON R3E<br>AP12<br>S8<br><br>2002<br><br>Bury the reinforcement rod alongside the aluminum rod.<br><br>From this cor. point, an iron pipe, 3 ins. diam., firmly set in concrete, projecting 27 ins. above ground, bears S. 41° E., 1 lk. dist.<br><br>---<br><br>N. 64°21' E., on line 12-13.<br><br>Over rolling terrain. |
| 8.67 | Point for Angle Point 13, established by Patrick W. Naville, Arizona Registered Land Surveyor No. 13015, monumented with a steel reinforcement rod, 18 ins. long, ⅝ in. diam., firmly set, 12 ins. in the ground, with plastic cap mkd. SEC LS 13015.<br><br>Set an aluminum rod, ¾ in. diam., 42 ins. long, 38 ins. in the ground with aluminum cap mkd.<br><br>T1ON R3E<br>AP13<br>S8<br>2002<br><br>Bury the reinforcement rod alongside the aluminum rod.<br><br>From this cor. point, an iron pipe, 3 ins. diam., firmly set in concrete, projecting 29 ins. above ground, bears S. 17° E., 1 lk. dist.<br><br>---<br><br>S. 71°53' E., on line 13-14.<br><br>Over rolling terrain. |

**Metes-and-Bounds Surveys in Sections 8 and 9,
T. 10 N., R. 3 E., Gila and Salt River Meridian, Arizona**

| CHAINS | |
|---|---|
| 20.75 | Point for Angle Point 14, established by Patrick W. Naville, Arizona Registered Land Surveyor No. 13015, monumented with a steel reinforcement rod, 18 ins. long, ⅝ in. diam., firmly set, 12 ins. in the ground, with plastic cap mkd. SEC LS 13015.<br><br>Set an aluminum rod, ¾ in. diam., 42 ins. long, 39 ins. in the ground with aluminum cap mkd.<br><br>  <br><br><br>Bury the reinforcement rod alongside the aluminum rod.<br><br>From this cor. point, an iron pipe, 3 ins. diam., firmly set in concrete, projecting 27 ins. above ground, bears S. 25° E., 1 lk. dist.<br><br>---<br><br>S. 8°25' E., on line 14-15.<br><br>Over rolling terrain. |
| 4.00 | Point for Angle Point 15, established by Patrick W. Naville, Arizona Registered Land Surveyor No. 13015, monumented with a steel reinforcement rod, 18 ins. long, ⅝ in. diam., firmly set, 15 ins. in the ground, with plastic cap mkd. SEC LS 13015.<br><br>Set an aluminum rod, ¾ in. diam., 42 ins. long, 31 ins. in the ground, encircled with a collar of stone, 1½ ft. base, to top, with aluminum cap mkd.<br><br>  <br><br><br>Bury the reinforcement rod alongside the aluminum rod.<br><br>From this cor. point, an iron pipe, 3 ins. diam., firmly set in concrete, projecting 30 ins. above ground, bears S. 10½° E., 1 lk. dist.<br><br>---<br><br>S. 66°12' E., on line 15-16.<br><br>Over rolling terrain. |

**Metes-and-Bounds Surveys in Sections 8 and 9,
T. 10 N., R. 3 E., Gila and Salt River Meridian, Arizona**

| CHAINS | |
|---|---|
| 13.80 | Intersect the line bet. secs. 8 and 9.<br><br>From this point, the cor. of secs. 8, 9, 16 and 17, bears S. 1°05' E., 5.17 chs. dist., hereinbefore described. |
| 15.41 | Point for Angle Point 16, established by Patrick W. Naville, Arizona Registered Land Surveyor No. 13015, monumented with a steel reinforcement rod, 18 ins. long, ⅝ in. diam., firmly set, 14 ins. in the ground, with plastic cap mkd. SEC LS 13015.<br><br>Set an aluminum rod, ¾ in. diam., 31 ins. long, 26 ins. in the ground with aluminum cap mkd.<br><br>T10N R3E<br>AP16 /<br>S9<br><br>2002<br><br>Bury the reinforcement rod alongside the aluminum rod.<br><br>From this cor. point, an iron pipe, 3 ins. diam., firmly set in concrete, projecting 27 ins. above ground, bears S. 22° W., 1 lk. dist. |
| | N. 25°22' E., on line 16-17.<br><br>Over rolling terrain. |
| 16.18 | Point for Angle Point 17, established by Patrick W. Naville, Arizona Registered Land Surveyor No. 13015, monumented with a steel reinforcement rod, 18 ins. long, ⅝ in. diam., firmly set, 16 ins. in the ground, with plastic cap mkd. SEC LS 13015.<br><br>Set an aluminum rod, ¾ in. diam., 42 ins. long, 38 ins. in the ground with aluminum cap mkd.<br><br>T10N R3E<br>AP17 S9<br><br>2002<br><br>Bury the reinforcement rod alongside the aluminum rod.<br><br>From this cor. point, an iron pipe, 3 ins. diam., firmly set in concrete, projecting 31 ins. above ground, bears S. 46¼° E., 1 lk. dist. |

**Metes-and-Bounds Surveys in Sections 8 and 9,
T. 10 N., R. 3 E., Gila and Salt River Meridian, Arizona**

| CHAINS | |
|---|---|
| | N. 31°47' W., on line 17-18. |
| | Over rolling terrain. |
| 13.30 | Point for Angle Point 18, established by Patrick W. Naville, Arizona Registered Land Surveyor No. 13015, monumented with a steel reinforcement rod, 18 ins. long, ⅝ in. diam., firmly set, flush with the ground, with plastic cap mkd. SEC LS 13015.<br><br>Set an aluminum rod, ¾ in. diam., 42 ins. long, 39 ins. in the ground with aluminum cap mkd.<br><br>T10N R3E<br>AP18 / S9<br>2002<br><br>Bury the reinforcement rod alongside the aluminum rod.<br><br>From this cor. point, an iron pipe, 3 ins. diam., firmly set in concrete, projecting 60 ins. above ground, bears N. 55° W., 2 lks. dist. |
| | N. 14°14' E., on line 18-19. |
| | Over rolling terrain. |
| 7.74 | Point for Angle Point 19, established by Patrick W. Naville, Arizona Registered Land Surveyor No. 13015, monumented with a steel reinforcement rod, 18 ins. long, ⅝ in. diam., firmly set, 14 ins. in the ground, with plastic cap mkd. SEC LS 13015.<br><br>Set an aluminum rod, ¾ in. diam., 42 ins. long, 38 ins. in the ground with aluminum cap mkd.<br><br>T10N R3E<br>AP19 / S9<br>2002<br><br>Bury the reinforcement rod alongside the aluminum rod.<br><br>From this cor. point, an iron pipe, 3 ins. diam., firmly set in concrete, projecting 31 ins. above ground, bears N. 36¼° E., 1 lk. dist. |
| | N. 39°22' E., on line 19-20. |

**Metes-and-Bounds Surveys in Sections 8 and 9,
T. 10 N., R. 3 E., Gila and Salt River Meridian, Arizona**

| CHAINS | |
|---|---|
| | Over rolling terrain. |
| 16.02 | Point for Angle Point 20, established by Patrick W. Naville, Arizona Registered Land Surveyor No. 13015, monumented with a steel reinforcement rod, 18 ins. long, ⅝ in. diam., firmly set, 15 ins. in the ground, with plastic cap mkd. SEC LS 13015.<br><br>Set an aluminum rod, ¾ in. diam., 42 ins. long, 39 ins. in the ground with aluminum cap mkd.<br><br>T10N R3E<br>AP20 / S9<br>2002<br><br>Bury the reinforcement rod alongside the aluminum rod.<br><br>From this cor. point, an iron pipe, 3 ins. diam., firmly set in concrete, projecting 23 ins. above ground, bears N. 88° W., 2 lks. dist. |
| | N. 12°34' E., on line 20-1.<br><br>Over rolling terrain. |
| 13.45 | Angle Point 1. |
| | From the point for Angle Point 21, established by Patrick W. Naville, Arizona Registered Land Surveyor No. 13015, monumented with a steel reinforcement rod, 18 ins. long, ⅝ in. diam., firmly set, 16 ins. in the ground, with plastic cap mkd. SEC LS 13015.<br><br>Set an aluminum rod, ¾ in. diam., 42 ins. long, 38 ins. in the ground with aluminum cap mkd.<br><br>T10N R3E<br>S9<br>AP21 \<br>2002<br><br>Bury the reinforcement rod alongside the aluminum rod.<br><br>From this cor. point, the cor. of secs. 8, 9, 16 and 17, bears S. 76°09' W., 21.17 chs. dist., hereinbefore described.<br><br>S. 87°12' W., on line 21-22. |

**Metes-and-Bounds Surveys in Sections 8 and 9,
T. 10 N., R. 3 E., Gila and Salt River Meridian, Arizona**

| CHAINS | |
|---|---|
| | Over nearly level land. |
| 2.78 | Point for Angle Point 22, established by Patrick W. Naville, Arizona Registered Land Surveyor No. 13015, monumented with a steel reinforcement rod, 18 ins. long, ⅝ in. diam., firmly set, flush with the ground, with plastic cap mkd. SEC LS 13015.<br><br>Set an aluminum rod, ¾ in. diam., 38 ins. long, 38 ins. in the ground with aluminum cap mkd.<br><br>T10N R3E<br>S9 ⌐ AP22<br><br>2002<br><br>Bury the reinforcement rod alongside the aluminum rod. |
| | S. 9°10' E., on line 22-23.<br><br>Over nearly level land. |
| 1.75 | Point for Angle Point 23, determined by grant boundary adjustment of Patrick W. Naville's 1988 survey between Angle Points 22 and 24.<br><br>Set an aluminum rod, ¾ in. diam., 42 ins. long, 41 ins. in the ground with aluminum cap mkd.<br><br>T10N R3E<br>AP23<br>S9 ⌊<br><br>2002 |
| | N. 89°10' E., on line 23-24.<br><br>Over nearly level land. |
| 3.02 | Point for Angle Point 24, established by Patrick W. Naville, Arizona Registered Land Surveyor No. 13015, monumented with a steel reinforcement rod, 18 ins. long, ⅝ in. diam., firmly set, flush with the ground, with plastic cap mkd. SEC LS 13015.<br><br>Set an aluminum rod, ¾ in. diam., 42 ins. long, 36 ins. in the ground, in a mound of stone, 1 ft. base, to top, with aluminum cap mkd. |

**Metes-and-Bounds Surveys in Sections 8 and 9,**
**T. 10 N., R. 3 E., Gila and Salt River Meridian, Arizona**

| CHAINS | |
|---|---|
| | T10N R3E<br>AP24 \ S9<br>2002 |
| | Bury the reinforcement rod alongside the aluminum rod. |
| | N. 16°10' W., on line 24-21. |
| | Over nearly level land. |
| 1.89 | Angle Point 21. |

GENERAL DESCRIPTION

The area encompassed by this survey lies in the approximate center of the Aqua Fria National Monument. The parcel in the center of secs. 8 and 9, is the Horseshoe Ranch at the confluence of the Aqua Fria River, Indian Creek and Long Gulch. The terrain varies from nearly level mesa tops to extremely rugged and rocky canyons. The elevation ranges from 3500 ft. above sea level on the mesa tops to 3200 ft. above sea level in the bottom of the river. The vegetation is juniper along the mesa edges and mesquite and palo verde in the lower areas with native grasses throughout.

Access to the area is by Bloody Basin Road approximately four miles from Interstate 17 to the west. The area lies roughly five miles southeast of Cortes Junction, Arizona.

The Horseshoe Ranch and a private residence in the two metes-and-bounds parcels are the only permanent residences in the area. There are a number of ancient ruins throughout the area. There were several prospector digs but no evidence of mineral discovery.

The mean magnetic declination of 12¼° E. was derived from the United States Geological Survey computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2000 for the dates of survey.

Book 5682

**UNITED STATES**
**DEPARTMENT OF THE INTERIOR**
**BUREAU OF LAND MANAGEMENT**

FIELD ASSISTANTS

| NAMES | CAPACITY |
|---|---|
| Adrien J. Rodriquez | Cadastral Surveyor |
| Mark R. Searles | Surveying Technician |
| Robert J. Lyle | Surveying Technician |
| Benjamin P. Boon | Surveying Technician |
| Brian S. Helfrich | Surveying Technician |
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## CERTIFICATE OF SURVEY

I, Dale C. Wilson, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 6th day of April, 2001, I have dependently resurveyed a portion of the subdivisional lines and performed metes-and-bounds surveys in sections 8 and 9, T. 10 N., R. 3 E., Gila and Salt River Meridian, 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 Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

2/10/03
(Date)

Dale C. Wilson
(Cadastral Surveyor)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines and the metes-and-bounds surveys in sections 8 and 9, T. 10 N., R. 3 E., Gila and Salt River Meridian, Arizona, executed by Dale C. Wilson, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

January 23, 2004
(Date)

Kenny D Lawmaker
(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. 10 N., ~~R.~~ 3 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~