**ORIGINAL** 

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A

PORTION OF THE SOUTH AND WEST BOUNDARIES

AND A PORTION OF THE SUBDIVISIONAL LINES

AND

THE SUBDIVISION OF SECTIONS 6, 17 AND 20

TOWNSHIP 13 SOUTH, RANGE 10 EAST,

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA.

#### **EXECUTED BY**

Joe R. Salazar, Cadastral Surveyor

Under Special Instructions dated February 16, 2001, approved February 16, 2001, which provided for the surveys included under Group No. 866, and assignment instructions dated February 16, 2001.

Survey commenced March 12, 2001

Survey completed March 18, 2002

### **INDEX DIAGRAM**

TOWNSHIP 10 SOUTH

**RANGE 13 EAST** 

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#### T. 13 S., R. 10 E., Gila and Salt River Meridian, Arizona

#### CHAINS

The following field notes describe the dependent resurvey of a portion of the south and west boundaries and a portion of the subdivisional lines and the subdivision of sections 6, 17 and 20, T. 13 S., R. 10 E., Gila and Salt River Meridian, Arizona.

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

Solomon W. Foreman surveyed the Second Guide Meridian East (E. bdy.), in 1871. Philip Contzen resurveyed the Second Guide Meridian East (E. bdy.), in 1895. Philip Contzen surveyed the south, west and north boundaries and the subdivisional lines, in 1903. William H. Thorn resurveyed the N. boundary, in 1922. A portion of the north boundary was dependently resurveyed by Joe R. Salazar, in 2001.

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 February 16, 2001, for Group No. 866, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation model 5700 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 first order United States Coast and Geodetic Survey triangulation station H 301 1951, as published by the National Geodetic Survey, NAD 83 (1992). The geographic position of the southeast cor. of the Tp., is as follows:

Latitude: 32° 14' 53.50" N. Longitude: 111° 16' 12.36" W.

The mean magnetic declination is 11%° E.

Dependent Resurvey of a Portion of the South Boundary, T. 13 S., R. 10 E., Gila and Salt River Meridian, Arizona

Restoring the survey executed by Philip Contzen, in 1903

Dependent Resurvey of a Portion of the South Boundary, T. 13 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS

Beginning at the point for the cor. of Tps. 13 and 14 S., Rgs. 10 and 11 E., at proportionate dist.; there is no remaining evidence of the original cor.

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

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

Cor. is located 50 lks. N. of centerline of Mile Wide Road, one lane wide, at E. end of bridge.

From this cor. point, the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., bears N. 0°30' E., 80.04 chs. dist., monumented by person(s) unknown, with an aluminum pipe  $2\frac{1}{2}$  ins. diam., firmly set, 4 ins. below the ground, with cap missing. This position is harmoniously related to the cor. of Tps. 12 and 13 S., Rgs. 10 and 11 E., which bears N. 0°01' W., 400.49 chs. dist.

From this same cor. point, the 1/4 sec. cor. of secs. 6 and 31, Tps. 13 and 14 S., R. 11 E., bears S. 89°53' E., 42.41 chs. dist., monumented by person(s) unknown and recorded in the Pima County Recorders Office on an Arizona Land Survey Monument Reference Record, with a rebar, % in. diam., firmly set, flush with pavement, at intersection with Mile Wide Road, bears E. and W. and a graded road, bears N. This point has been accepted by local surveyors as the 1/4 sec. cor. and is accepted as the best available evidence of the original cor. position.

From this same cor. point, the cor of secs. 1, 6, 7 and 12, T. 14 S., Rgs. 10 and 11 E., bears S. 0°28' E., 80.04 chs. dist., monumented by person(s) unknown and recorded by Jerry R. Jones, Arizona Registered Land Surveyor No. 16845, in the Pima County Recorders Office, Book 12, Page 87, with a rebar, % in. diam., firmly set, projecting 8 ins. above ground, with aluminum cap mkd. 871976 KACLAR ASSOC. This point has been accepted by local surveyors as the sec. cor. and is accepted as the best available evidence of the original cor. position.

#### Dependent Resurvey of a Portion of the South Boundary, T. 13 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS

These control lines were fully retraced and careful search was made for evidence of intervening cors., none of which was recovered.

From this same cor. point, a local monument set by person(s) unknown and recorded in the Pima County Recorders Office on an Arizona Land Survey Monument Reference Record, bears N. 88°14' W., 1.95 chs. dist., monumented with an iron pipe, 2 ins. diam., firmly set, projecting 10 ins. above ground, with partially legible lead cap mkd. T13S R10E T13S R11E S S1 S6 T14S R10E T14S R11E.

From this same cor. point, an X chiseled on concrete bridge abutment, bears S. 23°41' W., 0.41 ch. dist.

S. 89°03' W., bet. secs. 1 and 36, on the S. bdy. of the Tp., along the Ironwood Forest National Monument Bdy.

Over nearly level land.

0.70 | Center of wash, 10 ft. deep, 60 ft. wide, drains S.

39.99

The 1/4 sec. cor. of secs. 1 and 36, monumented by person(s) unknown, with a rebar, % in. diam., 12 ins. long, firmly set, 10 ins. in the ground. This point has been accepted by local surveyors as the 1/4 sec. cor. and is accepted as the best available evidence of the original cor. position.

At the cor. point.

Set a stainless steel post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

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

Cor. is located 35 ft. S. of Mile Wide Road, bears ESE. and WNW. and 2 lks. N. of barbed wire fence, bears E. and W.

From this cor. point, an iron pipe, 2 ins. diam., firmly set, projecting 4 ins. above ground, in a fence corner, bears N. and E., bears S.  $86^{\circ}20'$  W., 1.03 chs. dist.

S. 89°50' W., beginning new measurement.

#### Dependent Resurvey of a Portion of the South Boundary, T. 13 S., R. 10 E., Gila and Salt River Meridian, Arizona

	T. 13 S., R. 10 E., Gila and Salt River Meridian, Arizona
CHAINS	
1.00	Fence, bears N. and S.
39.51	The cor. of secs. 1, 2, 35 and 36, monumented by person(s) unknown, with a rebar, % in. diam., 12 ins. long, firmly set, projecting 2 ins. above the ground, with metal washer mkd. PCDOT REF 24. This point has been accepted by local surveyors as the cor. and is accepted as the best available evidence of the original cor. position.
	At the cor. point.
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T13N R10E S35   S36
	S 2   S 1 T14S
	2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Cor. is located in 5 strand barbed wire fence, bears N. and S.
	From this cor. point, a rebar, % in. diam., in fence, bears N. 0°27' E., 0.60 ch. dist., firmly set, projecting 3 ins. above ground, with metal washer mkd. PCDOT RF 24.
	From this same cor. point, a rebar, % in. diam., in fence, bears S. 0°04' E., 0.60 chs. dist., firmly set, projecting 3 ins. above ground, with metal washer mkd. PCDOT RF 24.
	From this same cor. point, U. S. Coast and Geodetic Survey, triangulation station H 301, bears S. 79°12' W., 42.23 chs. dist., monumented with a standard brass disk, 3½ ins. diam., incased in a concrete cylinder, 1 ft. diam., projecting 4 ins. above ground, with top mkd. H 301.
	From this same cor. point, the cor. of secs. 2, 3, 34 and 35, bears N. 89°59' W., 79.99 chs. dist., perpetuated by person(s) unknown with an iron pipe, 2 ins. diam., firmly set, projecting 8 ins. above ground, with an unmarked lead cap. This is accepted as a careful and faithful perpetuation of the original cor. position.
	At the cor. point
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

#### Dependent Resurvey of a Portion of the South Boundary, T. 13 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS

from which the remaining original bearing trees

- A mesquite stump, 12 ins. diam. bears N. 15½° E., 291 lks. dist., mkd. S R, and other illegible marks.
- A mesquite stump, 10 ins. diam. bears N. 49° W, 495 lks. dist., no marks visible.

Deposit a magnet in a white plastic case at the base and the iron pipe inside of the stainless steel post.

Dependent Resurvey of a Portion of the West Boundary, T. 13 S., R. 10 E., Gila and Salt River Meridian, Arizona

Restoring the survey executed by Phillip Contzen, in 1903

From the cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the Tp., monumented with a basalt stone, 21 X 10 X 8 ins., firmly set, 19 ins. in the ground, mkd. with 5 notches on S. edge and 1 notch on N. edge.

At the cor. point

Set a stainless steel post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 23 ins. in the ground, with brass cap mkd.

T13S		
R9E	R10E	
<b>s</b> 1	s 6	
s12	s 7	
2001		

from which the remains of the original bearing trees

- A mesquite stump, 7 ins. diam. bears S. 60% W., 187 lks. dist.
- A mesquite stump, 6 ins. diam. bears N.  $43\frac{1}{4}^{\circ}$  W., 253 lks. dist.

#### Dependent Resurvey of a Portion of the West Boundary, T. 13 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS

Deposit a magnet in a white plastic case at the base and the original stone alongside of the stainless steel post.

Cor. is located in a fence cor., bears N., E. and W.

N. 0°03' W., bet. secs. 1 and 6, on the W. bdy. of the Tp., along the Ironwood Forest National Monument Bdy.

Over nearly level land, through scattered mesquite and sage brush, along fence.

39.90

The 1/4 sec. cor. of secs. 1 and 6, reestablished by Paul Kienow, Arizona Professional Engineer No. 7545, in 1973, and recorded in the Pima County Recorders Office, Book 1, Page 46, monumented with a rebar, ½ in. diam., 18 ins. long, firmly set, 16 ins. in the ground. This is accepted as a careful and faithful reestablishment of the original cor. position.

At the cor. point

Set a stainless steel post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

T13S R9E R10E 1/4 S1 | S6 2001

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

Cor. is located 2 ft. E. of fence, bears N. and S.

N. 0°03' W., beginning new measurement.

19.95

The N. 1/16 sec. cor. of secs. 1 and 6, established by Paul Kienow, Arizona Professional Engineer No. 7545, in 1973, and recorded in the Pima County Recorders Office, Book 1, Page 46, monumented with a rebar, ½ in. diam., 18 ins. long, firmly set, 16 ins. in the ground. This is accepted as a careful and faithful determination of the cor. position.

At the cor. point

Set a stainless steel post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 17 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.

### Dependent Resurvey of a Portion of the West Boundary, T. 13 S., R. 10 E., Gila and Salt River Meridian, Arizona

	T. 13 S., R. 10 E., Gila and Salt River Meridian, Arizona
CHAINS	
	T13S R9E R10E N 1/16 S 1   S 6 2002
	Deposit a magnet in a white plastic case at the base and the rebar inside of the stainless steel post.
	Cor. is located on E. slope of rocky knoll, 3 lks. E. of fence, bears N. and S.
	N. 0°03' W., beginning new measurement.
19.95	The cor. of Tps. 12 and 13 S., Rgs. 9 and 10 E. monumented with an iron post, 3 ins. diam., firmly set, projecting 12 ins. above ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd. T12S R9E S36 S31 S1 S6 T13S R10E 2001 1922.
	Dependent Resurvey of a Portion of the Subdivisional Lines, T. 13 S., R. 10 E., Gila and Salt River Meridian, Arizona
	Restoring the survey executed by Philip Contzen, in 1903
	From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., hereinbefore described.
	N. 0°09' E., bet. secs. 35 and 36, along the Ironwood Forest National Monument Bdy.
	Over nearly level land, through scattered mesquite and sage brush, along fence.
40.25	Point for the 1/4 sec. cor. of secs. 35 and 36, at proportionate dist.; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T13S R10E 1/4 S35   S36 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Cor. is located 2 lks. E. of fence, bears N. and S.

CHAINS	
80.50	The cor. of secs. 25, 26, 35 and 36, determined at the corner of fences, bears E. and W., an abandoned fence extending N. and the projection of a fence to the S. This is accepted as the best available evidence of the original cor. position.
	At the cor. point
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T13S R10E S26   S25
	s35 s36 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	S. 89°42' W., bet. secs. 26 and 35, along the Ironwood Forest National Monument Bdy.
	Over nearly level land, through scattered mesquite and sage brush, along fence line.
40.16	Point for the 1/4 sec. cor. of secs. 26 and 35, at proportionate dist.; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T13S R10E S26
	1/4
	S35 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Cor. is located in fence, bears E. and W.
80.32	The cor. of secs. 26, 27, 34 and 35, monumented by person(s) unknown, with an iron pipe, 2 ins. diam., 23 ins. long, firmly set, 22 ins. in the ground. This is accepted as the best available evidence of the original cor. position.
	At the cor. point
	<u> </u>

CHAINS

Set a stainless steel post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

T13S S27	R10E S26	
s34	s35	
2002		

Deposit a magnet in a white plastic case at the base and the iron pipe inside of the stainless steel post.

Cor. is located in fence, bears N. and S., on the W. edge of dirt road, bears N. and S.

From this cor. point, a galvanize pipe, 1 in. diam., bears N. 88° E., 38 lks. dist., firmly set, projecting 10 ins. above the ground, with galvanized cap mkd. BLM PROJECT NO 2-15-868 2304 SEC 34-35 T13S R10E 19.

From this same cor. point, the cor. of sec. 2, 3, 34 and 35, on the S. bdy. of the Tp., bears S.  $0^{\circ}06'$  E., 80.05 chs. dist., hereinbefore described.

S.  $89^{\circ}45'$  W., bet. secs. 27 and 34, along the Ironwood Forest National Monument Bdy.

Over nearly level land, through scattered mesquite and sage brush, along fence line.

40.06

The 1/4 sec. cor. of secs. 27 and 34, monumented by person(s) unknown, with a rebar, % in. diam., 16 ins. long, firmly set, 15 ins. in the ground. This is accepted as the best available evidence of the original cor. position.

At the cor. point

Set a stainless steel post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

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

Cor. is located in fence, bears E. and W.

CHAINS

S. 89°46' W., beginning new measurement.

40.01

The cor. of secs. 27, 28, 33 and 34, monumented by person(s) unknown, with an iron pipe, 2 ins. diam., 17 ins. long, firmly set, 16 ins. in the ground, with copper weld cap mkd. 236 and other illegible marks. This is accepted as the best available evidence of the original cor. position.

At the cor. point

Set a stainless steel post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

T13S	R10E	
s28	S27	
s33	s34	
2002		

Deposit a magnet in a white plastic case at the base and the iron pipe inside of the stainless steel post.

Cor. is located in barbed wire fence, bears E. and W.

From this cor. point, the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of Tp., bears S. 0°07' E., 80.04 chs. dist., perpetuated by person(s) unknown with an iron pipe, 2 ins. diam., 19 ins. long, firmly set, 11 ins. in the ground, with unmarked lead cap. This is accepted as a careful and faithful perpetuation of the original cor. position.

At the cor. point

Set a stainless steel post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

T13S S33	R10E S34	
s 4	s 3	
T14S		
2002		

Deposit a magnet in a white plastic case at the base and the iron pipe inside of the stainless steel post.

from which the remaining original bearing tree

A mesquite, 7. ins. diam, bears S. 49° W., 81 lks. dist., mkd. T14S R S4 BT and other illegible marks.

	T. 13 S., R. 10 E., Gila and Salt River Meridian, Arizona
CHAINS	
	S. 89°47' W., bet. secs. 28 and 33, along the Ironwood Forest National Monument Bdy.
	Over nearly level land, through scattered mesquite and sage brush, along fence line.
40.03	Point for the 1/4 sec. cor. of secs. 28 and 33, at proportionate dist.; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T13S R10E
	S28
	1/4 ————————————————————————————————————
	2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Cor. is located in fence, bears E. and W.
80.06	The cor. of secs. 28, 29, 32 and 33, determined at the corner of fences, extending N., E., S. and a gate to W. This is accepted as the best available evidence of the original cor. position.
	At the cor. point
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 25 ins. in the ground, with brass cap mkd.
	T13S_R10E
	S29 S28
	S32 S33 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	From this cor. point, the 1/4 sec. cor. of sec. 32 and 33, bears S. 0°06' E., 39.91 chs. dist., determined from the original bearing trees.
	At the cor. point
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

CHAINS

T13S R10E 1/4 s32 | s33 2002

from which the original bearing trees

A mesquite 10 ins. diam., bears S. 35½° E., 146 lks. dist., with rotted out blaze.

A mesquite stump, 8 ins. diam., bears N.  $84\frac{3}{4}$ ° W., 81 lks. dist., mkd. 1/4 S and other illegible marks on open blaze. (Record: N.  $82\frac{1}{2}$ ° W.)

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

Cor. is located 2 lks. W. of fence, bears N. and S.

From this same cor. point, the cor. of secs. 29, 30, 31 and 32, bears S. 89°56' W., 79.76 chs. dist., determined from the remains of the original bearing trees.

At the cor. point

Set a stainless steel post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

T13S	R10E	
s30	S29	
s31	s32	
2001		

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

Cor. is located in fence, extending E. and W.

from which the remaining original bearing trees

- A root crown of a dead and down mesquite, 8 ins. diam., bears N. 28½° E., 330 lks. dist, with partially healed blaze, no visible marks.
- A mesquite stump, 9 ins. diam., 18 ins. high, bears S. 184° E., 106 lks. dist., no visible marks.
- A mesquite, 8 ins. diam., bears S. 79° W., 118 lks. dist., with partially healed blaze, no visible marks. (Record: S. 79½° W.)

	T. 13 S., R. 10 E., Gila and Salt River Meridian, Arizona	
CHAINS		
	N. 0°03' W., bet. secs. 28 and 29, along the Ironwood Forest National Monument Bdy.	
	Over nearly level land, through scattered mesquite and sage brush, along fence line.	
40.06	The 1/4 sec. cor. of secs. 28 and 29, monumented with a rotted mesquite post, 3 ins. diam., 13 ins. long, loosely set, 4 ins. in the ground, with illegible marks on E. face, with an iron pipe, 1 in. diam., 12 ins. long, alongside.	
	At the cor. point.	
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.	
	T13S R10E	
	1/4 s29   s28	
	2002	
	Deposit a magnet in a white plastic case at the base, the wood post alongside and the iron pipe inside of the stainless steel post.	
	Cor. is located in fence, bears N. and S.	
	N. 0°01' W., beginning new measurement.	
40.12	The cor. of secs. 20, 21, 28 and 29, perpetuated by person(s) unknown, monumented with a rebar, ½ in. diam., 18 ins. long, firmly set, 6 ins. in the ground, with steel fence post alongside. This is accepted as a careful and faithful perpetuation of the original cor. position.	
	At the cor. point	
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.	
	T13S_R10E	
	S20 S21	
	S29   S28 2002	
	from which the remaining original bearing tree	

CHAINS	A dead mesquite, 7 ins. diam., bears S. 8° W., 102 lks. dist., with a partially healed blaze, no visible marks.
	Deposit a magnet in a white plastic case at the base and the rebar inside of the stainless steel post.
	Cor. is located in fence, bears N. and S.
	N. 0°07' W., bet. secs. 20 and 21.
	Over nearly level land, through scattered mesquite and sage brush.
40.00	Point for the 1/4 sec. cor. of secs. 20 and 21, at proportionate dist.; there is no remaining evidence of the original cor. Not monumented.
	Point falls 2 lks. W. of fence, bears N. and S.
80.00	The cor. of secs. 16, 17, 20 and 21, reset by Robert F. Mellon, Arizona Registered Land Surveyor No. 4690, in 1974, from returns shown on Manville Estates survey, Book 16, Page 54, and recorded in the Pima County Recorders Office, Book 1, Page 42, monumented with a rebar, ½ in. diam., firmly set, 3 ins. below the surface of Manville Road. This is accepted as the best available evidence of the original cor. position.
	From the cor. of secs. 20, 21, 28 and 29.
	S. 89°52' W., bet. secs. 20 and 29, along the Ironwood Forest National Monument Bdy.
	Over nearly level land, through scattered mesquite and sage brush.
39.94	Point for the 1/4 sec. cor. of secs. 20 and 29, at proportionate dist.; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T13S R10E S20 1/4 ————————————————————————————————————
	2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.

	T. 13 S., R. 10 E., Gila and Salt River Meridian, Arizona
59.91	Point for the W. 1/16 sec. cor. of secs. 20 and 29.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T13S R10E
	W 1/16 ———
	S29 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Cor. is located on E. edge of track road, bears N. and S.
	Leave the Ironwood Forest National Monument Bdy.
79.88	The cor. of secs. 19, 20, 29 and 30, monumented with a granite stone, 18 X 8 X 7 ins., firmly set, 10 ins. in the ground, mkd. with 5 notches on E. edge and 2 notches on S. edge.
	At the cor. point.
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T13S R10E S19   S20
	s30 s29 2001
	Deposit a magnet in a white plastic case at the base and the original granite stone alongside of the stainless steel post.
	North, bet. secs. 19 and 20.
	Over nearly level land, through scattered mesquite and sage brush.
40.15	Point for the 1/4 sec. cor. of secs. 19 and 20, at proportionate dist.; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T13S R10E 1/4 S19   S20 2002
1	

CHAINS

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

Thence along the Ironwood Forest National Monument Bdy.

80.30

The cor. of secs. 17, 18, 19 and 20, monumented by person(s) unknown and recorded in the Pima County Recorders Office, on various Arizona Land Survey Monument Reference Records, with a rebar, ½ in. diam., firmly set, 3 ins. below the ground. This is accepted as the best available evidence of the original cor. position.

At the cor. point

Set a stainless steel post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

T13S	R10E
S18	S17
s19	s20
20	02

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

From this cor. point, a rebar, % in. diam., firmly set, projecting 1 in. above ground, bears N.  $44\frac{1}{2}^{\circ}$  E., 161 lks. dist.

From this same cor. point, an iron pipe, 2 ins. diam., firmly set, projecting 2 ins. above ground, bears N. 45° E., 64 lks. dist.

From this same cor. point, a rebar, % in. diam., firmly set, projecting 1 in. above ground, bears S.  $45\frac{1}{2}^{\circ}$  E., 161 lks dist..

From this same cor. point, an iron pipe, 2 ins. diam., firmly set, projecting 5 ins. above ground, bears S.  $45\frac{1}{2}$ ° E., 64.5 lks. dist

From this same cor. point, a rebar, % in. diam., firmly set, flush with surface of dirt road, bears E. and W., bears S.  $11\frac{1}{2}$ ° E., 23 lks. dist.

From this same cor. point, an iron pipe, 2 ins. diam., firmly set, projecting 5 ins. above the ground, bears S.  $44\frac{1}{2}^{\circ}$  W., 64 lks. dist.

From this same cor. point, a rebar, % in. diam., firmly set, projecting 1 in. above the ground, bears S.  $44\frac{1}{2}^{\circ}$  W., 161 lks. dist.

CHAINS

From this same cor. point, a rebar, % in. diam., firmly set, projecting 2 ins. above the ground, bears N.  $45\frac{1}{2}$ ° W., 161 lks. dist.

From this same cor. point, an iron pipe, 2 ins. diam., firmly set, projecting 3 ins. above the ground, bears N.  $45\frac{1}{4}^{\circ}$  W., 64 lks dist.

From this same cor. point, the cor. of secs. 13, 18, 19 and 24, on the W. bdy. of Tp., bears S. 89°43' W., 80.25 chs. dist., monumented with a basalt stone, firmly set, projecting 11 X 11 X 5 ins. above the ground, mkd. with 3 notches on S. edge and 3 notches on N. edge.

From the cor. of secs. 16, 17, 20 and 21.

N. 89°55' W., bet. secs. 17 and 20.

Over nearly level land, along Manville Road.

40.01

The 1/4 sec. cor. of secs. 17 and 20, determined latitudinally on line bet. the cor. of secs. 16, 17, 20 and 21 and the cor. of secs. 17, 18, 19 and 20 and longitudinally at intersection of fence, bears N. and S. This is accepted as the best available evidence of the original cor. position.

At the cor. point

Chiseled an X on iron tubing of cattle guard.

from which

A stainless steel post, 28 ins. long, 2½ ins. diam., set 24 ins. in the ground for a reference monument, bears S. 39°34' W., 44.4 ft. dist., with brass cap mkd. RM T13S R10E 44.4 FT TO COR 2002, and an arrow pointing to the corner. Deposit a magnet in a white plastic case at the base of the stainless steel post.

Reference monument is located 59 lks. S. of Manville Road.

A stainless steel post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., set 22 ins. in the ground for a reference monument, bears N. 21°58' W., 43.3 ft. dist., with brass cap mkd. RM T13S R10E 43.3 FT TO COR 2001 and an arrow pointing to the corner. Deposit a magnet in a white plastic case at the base of the stainless steel post.

Reference monument is located 24 ft. N. of Manville Road.

C		

From this cor. point, a rebar, origin unknown, % in. diam., firmly set, bears N. 46°24' E., 1.78 chs. dist.

From this same cor. point, a copper weld rod, origin unknown, % in. diam., firmly set, 6 ins. below gravel surface of Manville Road, 20 ft. wide, bears N. 68°33' E. 0.25 chs. dist.

N. 89°55' W., beginning new measurement, along the Ironwood Forest National Monument Bdy.

Over nearly level land, along Manville Road.

39.71

The cor. of secs. 17, 18, 19 and 20.

From the cor. of sec. 8, 9, 16 and 17, reset by David A. Rhine, Arizona Registered Land Surveyor No. 24530, in 1999, from returns shown on Manville Estates survey, Book 16, Page 54, and recorded in the Pima County Recorders Office, Book 18, Page 36, monumented with a rebar, % in. diam., firmly set, 1 in. above ground, with metal washer mkd. ATEAM RLS 24530, with a steel fence post alongside. This is accepted as the best available evidence of the original cor. position.

Corner is located 1 ch. E. of dirt road, bears N. and S.

S. 89°57' W., bet. secs. 8 and 17.

Over nearly level land along fence line.

40.34

The 1/4 sec. cor. of secs. 8 and 17, determined at the corner of fences, extending N., E., S. and W. This is accepted as the best available evidence of the original cor. position.

At the cor. point

Set a stainless steel post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

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

From this cor. point, a rebar, % in. diam., firmly set, projecting 1 in. above ground, with aluminum cap,  $1\frac{1}{2}$  in. diam., mkd. RLS 22759, bears S. 89°48' E., 0.28 ch. dist.

CHAINS

From this same cor. point, a rebar, % in. diam., firmly set, projecting 1 in. above ground, bears S. 1°39' E., 0.37 ch. dist.

S. 89°57' W., beginning new measurement, along the Ironwood Forest National Monument Bdy.

Over nearly level land along fence line.

39.76

The cor. of secs. 7, 8, 17 and 18, determined at the corner of fences, extending N. and E. This is accepted as the best available evidence of the original cor. position.

At the cor. point

Set a stainless steel post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

T13S	R10E
s 7	S 8
•	
S18	S17
20	02

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

From this cor. point, the cor. of secs. 7, 12, 13 and 18, on the W. bdy. of Tp., bears S. 89°46' W., 80.25 chs. dist., monumented with a basalt stone, 20 X 10 X 8 ins., firmly set, 12 ins. in the ground, mkd. with 4 notches on S. edge and 2 notches on N. edge.

At the cor. point

Set a stainless steel post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

T1	3s
R9E	R10E
S12	S 7
s13	s18
20	02

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

N. 0°12' W., bet. secs. 7 and 8, along the Ironwood Forest National Monument Bdy.

CHAINS

Over nearly level land along fence line.

39.96

Point for the 1/4 sec. cor. of secs. 7 and 8, at proportionate dist.; there is no remaining evidence of the original cor.

Set a stainless steel post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 23 ins. in the ground, with brass cap mkd.

T13S R10E 1/4 S 7 | S 8 2002

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

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

79.92

The cor. of secs. 5, 6, 7 and 8, monumented by person(s) unknown, with an iron pipe, 2 ins. diam., 32 ins. long, firmly set, 16 ins. below the ground, with a steel fence post alongside. This is accepted as the best available evidence of the position of the original corner.

At the cor. point

Set a stainless steel post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

T13S		R10	Œ
S	6	s	5
s	7	s	8
	20	02	

Deposit a magnet in a white plastic case at the base and the iron pipe alongside of the stainless steel post.

Cor. is located on S. bank of wash, drains ENE.

S. 89°55' W., bet. secs. 6 and 7, along the Ironwood Forest National Monument Bdy.

Along wash, through thick mesquite.

40.01

Point for the 1/4 sec. cor. of secs. 6 and 7, at proportionate dist., falls in wash, 20 ft. wide, 4 ft. deep, drains E.; there is no remaining evidence of the original cor.

Set a magnet in a white plastic case, 12 ins. below the ground.

CHAINS	from which
	A stainless steel post, 28 ins. long, 2½ ins. diam., set 24 ins. in the ground for a reference monument, bears S. 33°18' W., 33.4 ft. dist., with brass cap mkd. RM T13S R10E 33.4 FT TO COR S7 2002 and an arrow pointing to the corner. Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Cor. is located on S. bank of wash.
	A stainless steel post, 28 ins. long, 2½ ins. diam., set 24 ins. in the ground for a reference monument, bears N. 14°44' W., 33.6 ft. dist., with brass cap mkd. RM T13S R10E 33.6 FT TO COR S6 2002 and an arrow pointing to the corner. Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Cor. is located on N. bank of wash.
79.94	The cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the Tp., hereinbefore described.
	From the cor. of secs. 5, 6, 7 and 8.
	N. 0°06' E., bet. secs. 5 and 6.
:	Over nearly level land, through thick mesquite.
40.01	Point for the 1/4 sec. cor. of secs. 5 and 6, at proportionate dist.; there is no remaining evidence of the original cor., not monumented.
80.02	The cor. of secs. 5, 6, 31 and 32, on the N. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. T12S R10E S31 S32 S6 S5 T13S 2001 1922.
	Cor. is located on the N. edge of Tucker Road, graveled, 16 ft. wide, bears E. and W.
	From this cor. point, a rebar, % in. diam., firmly set, projecting 2 ins. above the ground, with metal fence post alongside, bears S. 4°26' E., 0.74 ch. dist.
	Subdivision of Section 6, T. 13 S., R. 10 E., Gila and Salt River Meridian, Arizona
	From the 1/4 sec. cor. of secs. 6 and 7.
	1

### Subdivision of Section 6, T. 13 S., R. 10 E., Gila and Salt River Meridian, Arizona

	1. 13 S., R. 10 B., GITA AND SAIL RIVEL MELIGIAN, ALIZONA
CHAINS	N. 0°07' E., on the N. and S. centerline of sec. 6.
	Over nearly level land, through scattered mesquite and sage brush.
39.96	Point for the center 1/4 sec. cor. of sec. 7, at intersection with the E. and W. centerline of sec. 6. Not monumented.
59.935	Point for the center N. 1/16 sec. cor. of sec. 7. Not monumented.
79.91	The point for the 1/4 sec. cor. of secs. 6 and 31, on the N. bdy. of Tp. Not monumented in 2001, falls in Tucker Road, graveled, 16 ft. wide, bears E. and W.
	From the point for the 1/4 sec. cor. of secs. 5 and 6.
	S. 89°51' W., on the E. and W. centerline of sec. 6.
	Over nearly level land, through scattered mesquite and sage brush.
40.01	The point for the center 1/4 sec. cor. of sec. 6.
60.05	Point for the center W. 1/16 sec. cor. of sec. 6. Not monumented.
80.05	The 1/4 sec. cor. of secs. 1 and 6, on the W. bdy. of Tp.
	NW 1/4 of Section 6,
	From the point for the center W. 1/16 sec. cor. of sec. 6.
	N. 0°04' E., on the N. and S. centerline of the NW 1/4 of sec. 6.
	Over nearly level land, through scattered mesquite and sage brush.
19.96	Point for the NW 1/16 sec. cor. of sec. 6, at intersection with the E. and W. center line of the NW 1/4 of sec. 6.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T13S R10E
	NW 1/16 S6
	2002

### Subdivision of Section 6, T. 13 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Thence along the Ironwood Forest National Monument Bdy.
39.92	The W. 1/16 sec. cor. of sec. 6 only, on the N. bdy. of Tp., monumented with a stainless steel post, 28 ins. long, 2½ ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. W 1/16 S6 T13S R10E 2002.
	From this cor. point, an aluminum cap, 1½ ins. diam., firmly set, flush with the ground, mkd. LS4253, bears S. 24°07' W., 0.078 ch. dist.
	From this same cor. point, a rebar, % in. diam., firmly set, projecting 1 in. above the ground, bears N. 87°04' W., 0.040 ch. dist.
	From this same cor. point, a rebar, % in. diam., firmly set, projecting 9 ins. above the ground, bears N. 83°42' W., 0.026 ch. dist.
	From the center N. 1/16 sec. cor. of sec. 6.
	S. 89°48' W., on the E. and W. centerline of the NW 1/4 of sec.
	Over nearly level land, through scattered mesquite and sage brush.
20.06	The NW 1/16 sec. cor. of sec. 6.
	Thence along the Ironwood Forest National Monument Bdy.
40.10	The N. 1/16 sec. cor. of secs. 1 and 6, on the W. bdy. of Tp., hereinbefore described.
	Subdivision of Section 17, T. 13 S., R. 10 E., Gila and Salt River Meridian, Arizona
	From the 1/4 sec. cor. of secs. 17 and 20.
	N. 0°01' E., on the N. and S. centerline of sec. 17, along the Ironwood Forest National Monument Bdy.
	Over nearly level land, along fence line.
42.01	Point selected for a witness point on the N. and S. centerline of sec. 17.

### Subdivision of Section 17, T. 13 S., R. 10 E., Gila and Salt River Meridian, Arizona

	T. 13 S., R. 10 E., Gila and Salt River Meridian, Arizona
CHAINS	
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	WP T13s R10E C s 17   C 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Cor. is located in fence line, bears N. and S.
80.08	The 1/4 sec. cor. of secs. 8 and 17.
	Subdivision of Section 20, T. 13 S., R. 10 E., Gila and Salt River Meridian, Arizona
	From the 1/4 sec. cor. of secs. 20 and 29.
	N. 0°10' W., on the N. and S. centerline of sec. 20.
	Over nearly level land, through scattered mesquite and sage brush.
40.08	Point for the center 1/4 sec. cor. of sec. 20, at intersection with the E. and W. centerline of sec. 20. Not monumented.
80.15	The 1/4 sec. cor. of secs. 17 and 20.
	From the point for the 1/4 sec. cor. of secs. 20 and 21.
	S. 89°58' W., on the E. and W. centerline of sec. 20.
	Over nearly level land, through scattered mesquite and sage brush.
39.97	The center 1/4 sec. cor. of sec. 20.
59.885	Point for the center W. 1/16 sec. cor. of sec. 20.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

### Subdivision of Section 17, T. 13 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T13S R10E
	W 1/16
	c —— c
	S20
	2002
	Broadt a manual to a little planting and the base of the
	Deposit a magnet in a white plastic case at the base of the
	stainless steel post.
	Thence, along the Ironwood Forest National Monument Bdy.
60.40	Page hour V and G
60.40	Fence, bears N. and S.
79.80	The 1/4 sec. cor. of secs. 19 and 20.
	GT 1/4 of Gastian 00
	SW 1/4 of Section 20,
	From the W. 1/16 sec. cor. of secs. 20 and 29.
	from the w. 1/10 sec. tor. or secs. 20 and 25.
	N. 0°05' W., on the N. and S. centerline of the SW 1/4 of sec.
	20, along the Ironwood Forest National Monument Bdy.
	Over nearly level land, through scattered mesquite and sage
	brush.
40.11	The center W. 1/16 sec. cor. of sec. 20.
	GENERAL DESCRIPTION
	GENERAL DESCRIPTION
	The area embraced by this survey is approximately 11 miles west
	of the small town of Marana, Arizona, southwest of U. S.
	Interstate 10.
	Interstate 10.
	The terrain is mostly rolling desert, with evidence of some
	abandoned farms, with scattered occupancy within the area.
	Vegetation consists mainly of mesquite, creosote and palo verde,
	· -
	with scattered native grasses.
	The elevation is approximately 2010 ft. above sea level
	throughout the area.
	The mean magnetic declination of 11 2/40 E desired from
	The mean magnetic declination of 11 3/4° 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.
1	

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### FIELD ASSISTANTS

NAMES	CAPACITY
Robert J. Lyle	Survey Technician
Mark R. Searles	Survey Technician
Benjamin C. Boon	Survey Technician
	·

#### CERTIFICATE OF SURVEY

I, Joe R. Salazar, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 16<sup>th</sup> day of February, 2001, I have dependently resurveyed a portion of the south and west boundaries and a portion of the subdivisional lines and subdivided sections 6, 17 and 20, T. 13 S., R. 10 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.

//27/03 (Date)

Cadastral Surveyor)

#### CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the south and west boundaries and a portion of the subdivisional lines and the subdivision of sections 6, 17 and 20, T. 13 S., R. 10 E., Gila and Salt River Meridian, Arizona, executed by Joe R. Salazar, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

February 9, 2004

(Chief Cadastral Surveyor of Arizona)

#### CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above described surveys in T. 13 S., R. 10 E. Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

(Date) (Chief Cadastral Surveyor of Arizona)