**ORIGINAL** 

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF

A PORTION OF THE SOUTH BOUNDARY,

THE ESTABLISHMENT OF THE SOUTHEAST CORNER OF THE TOWNSHIP

AND

THE SURVEY OF

THE NORTH BOUNDARY AND

A PORTION OF THE SUBDIVISIONAL LINES,

TOWNSHIP 2 SOUTH, RANGE 19 EAST,

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA.

#### **EXECUTED BY**

#### Christopher P. McDonald, Cadastral Surveyor

Under Special Instructions dated March 15, 2010, approved March 15, 2010, which provided for the surveys included under Group No. 1074, and assignment instructions dated December 17, 2010.

Survey commenced February 28, 2011

Survey completed March 31, 2011

#### INDEX DIAGRAM

## TOWNSHIP 2 SOUTH RANGE 19 EAST GILA AND SALT RIVER MERIDIAN, ARIZONA

	T				
10	9	8	8	7	6
6 17	<b>5</b> 15	<b>4</b> 13	<b>3</b> 12	2	1
17	16	14	13		
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
<b>31</b>	32	33	34	35	36

Establishment	of th	ie SE Co:	c. of	the Tp.	Page	5
Electronic Co	ntrol	Corner 1	No. 2			18

#### T. 2 S., R. 19 E., Gila and Salt River Meridian, Arizona

#### CHAINS

The following field notes describe the dependent resurvey of a portion of the south boundary, the establishment of the southeast corner of the township and the survey of the north boundary and a portion of the subdivisional lines, Township 2 South, Range 19 East, Gila and Salt River Meridian, Arizona.

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

H. L. Baldwin surveyed the corner of townships 2 and 3 south, ranges 18 and 19 east and sections 5 and 6 of township 3 south, range 19 east, in 1915. Joe R. Salazar surveyed the southwest and northwest corners of the township, in 2009. Christopher P. McDonald surveyed a portion of the west boundary concurrently under this same Group in 2010.

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  $\underline{\text{March}}$  15, 2010, for  $\underline{\text{Group Number}}$  1074,  $\underline{\text{Arizona}}$ .

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation 5800 and 5700 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 Township 1 South, Range 18 East, Electronic Control Corner Number 1, Group Number 872, as recorded on the Bureau of Land Management plat for Township 1 South, Range 18 East, dated October 29, 2009. The NAD 83 (CORS96) (EPOCH: 2009) geographic position of the corner of Townships 2 and 3 South, Ranges 19 and 20 East, is as follows:

Latitude: 33°12'30.25" N. Longitude: 110°20'45.03" W.

The NAD 83 (CORS96) (EPOCH: 2009) geographic position of Electronic Control Corner Number 2, Group 1074, in Township 2 South, Range 19 East, is as follows:

Latitude: 33°15'32.574" N. Longitude: 110°23'41.122" W.

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

#### Dependent Resurvey of a Portion of the South Boundary, T. 2 S., R. 19 E., Gila and Salt River Meridian, Arizona

CH	A.	I	NS.

Beginning at the cor. of Tps. 2 and 3 S., Rs. 18 and 19 E., monumented with a stainless steel post, 28 ins. long, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. T2S R18E R19E S36 S31 S1 S6 T3S 2009 2010.

N. 89°50' E., along the S. bdy. of sec. 31.

Over rolling to broken terrain.

38.54

The 1/4 sec. cor. of secs. 6 and 31,on the S. bdy. of the Tp., monumented with the remains of the original, decomposed, iron pipe with concrete core, firmly set, 3 ins. below the surface of the ground.

At the corner point

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

2011

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

Deposit the decomposed iron pipe with concrete core, 1 in. diam., 21 ins. long, alongside of the stainless steel pipe.

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

S. 89°55' E., beginning new measurement, along the S. bdy. of sec. 31.

Over rolling to broken terrain.

40.10

The cor. of secs. 5, 6, 31 and 32, on the S. bdy of the Tp., monumented with an iron post, 3 ins. diam., firmly set in the ground, projecting 12 ins. above the ground, in a mound of stone, with brass cap mkd. T2S R19E S31 S32 S6 S5 T3S 1915. Add the marks 2010 to the brass cap.

Note: control lines were fully retraced and a careful search was made for evidence of the 1/4 sec. cor. of secs. 5 and 32 and the witness meander cor. to the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., neither of which were recovered. These cors. now fall within the San Carlos Lake.

### Establishment of the Southeast Corner of the Township, T. 2 S., R. 19 E., Gila and Salt River Meridian, Arizona

#### CHAINS

Point for the cor. Tps. 2 and 3 S., Rgs. 19 and 20 E., determined East, 400.00 chs. dist., from the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., hereinbefore described.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.

2011

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

The cor. is located in the flood plain of the San Carlos Lake and in dense mesquite.

from which

- A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 25 ins. in the ground for a reference monument, bears S. 71°36' E., 132.0 ft. dist. with brass cap mkd. RM T3S R20E 132.0 FT TO COR S6 2011 and an arrow pointing to the cor.
- A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground for a reference monument, bears S. 18°24' W., 660.0 ft. dist. with brass cap mkd. RM T3S R19E 660.0 FT TO COR S1 2011 and an arrow pointing to the cor.

Terrain, flat.
Soil, sandy loam.
Timber, mesquite; undergrowth, native grasses.

### Survey of the North Boundary, T. 2 S., R. 19 E., Gila and Salt River Meridian, Arizona

Point for the cor. Tps. 1 and 2 S., Rgs. 19 and 20 E., determined North, 480.00 chs. dist., from the cor. Tps. 2 and 3 S., Rgs. 19 and 20 E., hereinbefore described.

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

### Survey of the North Boundary, T. 2 S., R. 19 E., Gila and Salt River Meridian, Arizon

	Survey of the North Boundary, T. 2 S., R. 19 E., Gila and Salt River Meridian, Arizona							
CHAINS	T 1 S R 19 E   R 20 E S 36   S 31 S 1   S 6 T 2 S							
	2011							
	Deposit a magnet, in a white plastic case, at the base of th stainless steel post.							
	Raise a mound of stone, 4 ft. base 3 ft. high, S. of cor.							
	The cor. is located on a high steep N. slope of ridge, bears E. and W.							
	Terrain, broken to rocky slope. Soil, rocky loam. Timber, palo negro; undergrowth, scrub oak.							
	West, bet. secs. 1 and 36, along the N. bdy. of the Tp.							
	Over broken terrain.							
37.40	Trail road, bears N. 30° E. and S. 30° W.							
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., 14 ins. in the ground, in a supporting mound of stone, 4 ft. base, to top, with brass cap mkd.							
	T 1 S R 19 E  S 36  1/4 ——  S 1  T 2 S							
	2011							
	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., 25 ins. in the ground, with brass cap mkd.							

## Survey of the North Boundary, T. 2 S., R. 19 E., Gila and Salt River Meridian, Arizona

	T. 2 S., R. 19 E., Gila and Salt River Meridian, Arizona					
CHAINS						
	T 1 S R 19 E S 35   S 36					
	<del></del>					
	S 2   S 1 T 2 S					
	2011					
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.					
	Terrain, broken. Soil, sandy loam and sand stone. Timber, palo negro and ocotillo; undergrowth, creosote.					
	West, bet. secs. 2 and 35, along the N. bdy. of the Tp.					
	Over broken terrain.					
23.20	Indian Route No. 8, asphalt surfaced, 26 ft. wide, bears N. 30° E. and S. 30° W.					
40.00	Point for the 1/4 sec. cor. of secs. 2 and 35.					
	Set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, cemented in a drill hole in solid rock, with top mkd.					
	T 1 S R 19 E					
	S 35					
	1/4 —— S 2					
	T 2 S					
	•					
	2011					
	Deposit a magnet, 1 in. diam., by 1 in. long, at the base of the brass tablet.					
	Raise a mound of stone, 3 ft. base, 3 ft. high, N. of cor.					
80.00	Point for the cor. of secs. 2, 3, 34 and 35.					
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, in a supporting mound of stone, 4 ft. base, to top, with brass cap mkd.					
	T 1 S R 19 E					
	S 34   S 35					
	S 3   S 2					
	T 2 S					
	2011					

### Survey of the North Boundary, T. 2 S., R. 19 E., Gila and Salt River Meridian, Arizona

	_		_
CHA	т	N	S

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

Terrain, broken to rugged.

Soil, sandy loam and limestone.

Timber, mesquite and palo negro; undergrowth, creosote.

West, bet. secs. 3 and 34, along the N. bdy.. of the Tp.

Over broken to rolling ground.

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., 24 ins. in the ground, in a collar of stone, 3 ft. base to top,, with brass cap mkd.

2011

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

2011

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

Raise a mound of stone, 4 ft. base 3 ft. high, W. of cor.

Terrain, broken to rolling.

Soil, sandy loam.

Timber, mesquite and palo negro; undergrowth, creosote.

West, bet. secs. 4 and 33, along the N. bdy.. of the Tp.

## Survey of the North Boundary, T. 2 S., R. 19 E., Gila and Salt River Meridian, Arizona

	T. 2 S., R. 19 E., Gila and Salt River Meridian, Arizona
CHAINS	
	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., 26 ins. in the ground, with brass cap mkd.
	T 1 S R 19 E S 33 1/4 —— S 4 T 2 S
	2011
	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. 4, 5, 32 and 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T 1 S R 19 E S 32   S 33 S 5   S 4 T 2 S
	2011
	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, N. of cor.
	Terrain, rolling to broken. Soil, sandy loam. Timber, palo negro, mesquite, and saguaro; undergrowth, creosote and yucca.
	West, bet. secs. 5 and 32, along 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.

## Survey of the North Boundary, T. 2 S., R. 19 E., Gila and Salt River Meridian, Arizona

	T. 2 S., R. 19 E., Gila and Salt River Meridian, Arizona
CHAINS	T 1 S R 19 E  S 32  1/4 —— S 5 T 2 S
	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, N. of cor.
80.00	Point for the cor. of secs. 5, 6, 31 and 32.
i.	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.
	T 1 S R 19 E S 31   S 32 S 6   S 5 T 2 S
	2011
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	The cor. is located 4 lks. W. of a sidewalk in the yard of the San Carlos nursing home.
	Terrain, rolling. Soil, sandy loam. Timber, mesquite; undergrowth, creosote, cats claw, and prickly pear cactus.
	West, bet. secs. 6 and 31, along the N. bdy. of the Tp.
	Over rolling terrain.
7.80	South Geronimo road, 30 ft. wide, bears N. 40° E. and S. 35° W.
40.00	Point for the 1/4 sec. cor. of secs. 6 and 31.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, in a collar of stone, with brass cap mkd.

### Survey of the North Boundary, T. 2 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 1 S R 19 E
	S 31
	1/4 ——
	S 6
	T 2 S
	2011
	Deposit a magnet, in a white plastic case, at the base of the

stainless steel post.

- 57.10 Peridot road, 30 ft. wide, bears N. 35° E. and S. 35° W.
- 71.60 U.S. Highway No. 70, asphalt surfaced, 30 ft. wide, bears S. 75° E. and N. 75° W.
- 78.17 The cor. of Tps. 1 and 2 S., Rs. 18 and 19 E. monumented with an stainless steel post, 28 ins. long, 2 1/2 ins., firmly set, 1 in. below ground, with brass cap mkd. T1S R18E R19E S36 S31 S1 S6 T2S 2010 2009.

Terrain, rolling to broken.

Soil, sandy loam.

Timber, mesquite and palo negro; undergrowth, prickly pear cactus and native grass.

#### Survey of a Portion of the Subdivisional Lines, T. 2 S., R. 19 E., Gila and Salt River Meridian, Arizona

From the cor. of secs. 2, 3, 10 and 11, determined West, 160.00 chs. dist., and N. 0°01' W., 400.00 chs. dist., from the cor. Tps. 2 and 3 S., Rgs. 19 and 20 E., hereinbefore described.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd.

2011

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

Raise a mound of stone, 3 1/2 ft. base, 4 1/2 ft. high, W. of cor.

### Survey of a Portion of the Subdivisional Lines,

	T. 2 S., R. 19 E., Gila and Salt River Meridian, Arizona
CHAINS	Cor. is located 50 lks. S. of the intersection of a ridge, extends N. 80° W., and the West face of mountain slope bears N 40° E. and S. 25° W.
	N. 0°01' W., bet. secs. 2 and 3.
	Over broken terrain.
31.70	U.S. Highway No. 70, asphalt surfaced, 30 ft. wide, bears S. 85° E. and N. 85° W.
40.00	Point for the 1/4 sec. cor. of secs. 2 and 3.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd.
	T 2 S R 19 E  1/4  S 3   S 2
	2011
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
79.98	Point for the cor. of secs. 2, 3, 34 and 35, hereinbefore described.
	Terrain, rolling to broken. Soil, rocky and sandy loam. Timber, mesquite, palo negro, and saguaro; undergrowth, creosote and cats claw.
	The true point for the cor. of secs. 3, 4, 9 and 10, determined West, 240.00 chs. dist., and N. 0°02' W., 400.00 chs. dist., from the cor. Tps. 2 and 3 S., Rgs. 19 and 20 E., hereinbefore described; falls on an unstable bank, where it is impracticable to establish a permanent monument.
	From the true point, the point selected for a witness cor. to cor. of secs. 3, 4, 9 and 10, bears S. 45°00′ E., 50 lks. dist.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, in a collar of stone, with brass cap mkd.
	WC T 2 S R 19 E
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

		,	*		
Т	2	S	R	19	E
s	4	7	J	S	_3
S	9	9		s	10

2011

	T. 2 S., R. 19 E., Gila and Salt River Meridian, Arizona
CHAINS	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Terrain, rolling to broken. Soil, sandy loam, palo negro, and palo verde. Timber, mesquite; undergrowth, creosote and grass.
	From the cor. of secs. 2, 3, 10 and 11.
	West, bet. secs. 3 and 10.
	Over rolling and broken terrain.
40.00	Point for the 1/4 sec. cor. of secs. 3 and 10.
	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 19 E S 3 1/4 — S 10
	2011
	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, N. of cor.
80.00	The true point for the cor. of secs. 3, 4, 9 and 10.
	Terrain, rolling to broken. Soil, rocky loam. Timber, mesquite, palo negro, and saguaro; undergrowth, creosote and yucca.
	N. 0°02' W., bet. secs. 3 and 4.
	Over broken terrain.
40.00	Point for the 1/4 sec. cor. of secs. 3 and 4.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T 2 S R 19 E 1/4 S 4   S 3
	2011

~			
CHAINS	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.		
	Raise a mound of stone, 2 ft. base 2 ft. high, W. of cor.		
40.40	Barbed wire right-of-way fence, bears S. 85° E. and N. 85° W.		
41.90	U.S. Highway No. 70, asphalt surfaced, 30 ft. wide, bears S. 85° E. and N. 85° W.		
79.97	Point for the cor. of secs. 3, 4, 33 and 34, on the N. bdy the Tp., hereinbefore described.		
	Terrain, rolling to broken. Soil, rocky and sandy loam. Timber, mesquite, palo negro, and saguaro; undergrowth, creosote and cats claw.		
	Point for the cor. of secs. 4, 5, 8 and 9, determined West 320.00 chs. dist., and N. 0°02' W., 400.00 chs. dist., from the cor. of Tps. 2 and 3 S., Rgs. 19 and 20 E., hereinbefordescribed.		
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.		
	T 2 S R 19 E S 5   S 4 S 8   S 9		
	2011		
	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, rolling to broken. Soil, clay loam. Timber, mesquite, palo negro, and palo verde; undergrowth, creosote, yucca, barrel cactus, prickly pear cactus, and cats claw.		
	From the true point for the cor. of secs. 3, 4, 9 and 10.		
	West, bet. secs. 4 and 9.		
	Over rolling and broken terrain.		
39.80	Graded dirt road, 12 ft. wide, bears S. 60° E. and N. 60° W.		

CHAINS		
4	0.00	

True point for the 1/4 sec. cor. of secs. 4 and 9; falls on the edge of a dirt road, 12 ft. wide, bears S.  $60^{\circ}$  E. and N.  $60^{\circ}$  W, 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. 4 and 9, bears S.  $45^{\circ}00'W.$ , 50 lks. dist.

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

2011

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

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

80.00 | The cor. of secs. 4, 5, 8 and 9.

Terrain, rolling to broken.

Soil, clay loam.

Timber, mesquite and palo negro; undergrowth, creosote, yucca, barrel cactus and prickly pear cactus.

N. 0°02' W., bet. secs. 4 and 5.

Over broken terrain.

40.00 Point for the 1/4 sec. cor. of secs. 4 and 5.

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

2011

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

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

	T. 2 S., R. 19 E., Gila and Salt River Meridian, Arizona		
CHAINS			
52.40	U.S. Highway No. 70, asphalt surfaced, 30 ft. wide, bears S. 80° E. and N. 80° W.		
79.96	Point for the cor. of secs. 4, 5, 32 and 33, hereinbefore described.		
	Terrain, rolling to broken.  Soil, rocky loam.  Timber, mesquite and palo negro; undergrowth, creosote and barrel cactus.		
	Point for the cor. of secs. 5, 6, 7 and 8, determined N. 0°03' W., 400.00 chs. dist., from the cor. of secs. 5, 6, 31 and 32, on the S. bdy of the Tp., hereinbefore described.		
	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 19 E		
	<u>S 6   S 5</u>		
	S 7   S 8		
	2011		
	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. o			
	Terrain, rolling to broken. Soil, rocky clay loam. Timber, mesquite and palo negro; undergrowth, creosote.		
	From the cor. of secs. 4, 5, 8 and 9.		
	West, bet. secs. 5 and 8.		
	Over rolling and broken terrain.		
40.00	Point for the 1/4 sec. cor. of secs. 5 and 8.		
	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 19 E S 5		
	1/4 ————————————————————————————————————		
	2011		
	2011		

CILLY TATO	
CHAINS	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
80.00	The cor. of secs. 5, 6, 7 and 8.
	Terrain, rolling to broken. Soil, loam. Timber, mesquite and palo negro; undergrowth, creosote and prickly pear.
	S. 89°57′ W., bet. secs. 6 and 7.
	Over rolling and broken terrain.
40.00	Point for the 1/4 sec. cor. of secs. 6 and 7.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.
	T 2 S R 19 E S 6
	1/4 ——
	S 7
	2011
	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.
78.25	The cor. of secs. 1, 6, 7 and 12, on the W. bdy of the Tp, monumented with an stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. T2S R18E R19E S1 S6 S12 S7 2010.
	Terrain, rolling to broken.
	Soil, sandy loam. Timber, mesquite; undergrowth, creosote, prickly pear cactus and barrel cactus.
	From the cor. of secs. 5, 6, 7 and 8.
	N. 0°03' W., bet. secs. 5 and 6.
	Over broken terrain.
40.00	Point for the 1/4 sec. cor. of secs. 5 and 6.

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

2011

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.

62.90 U.S. Highway No. 70, asphalt surfaced, 30 ft. wide, bears S. 80° E. and N. 80° W.

71.80 Hollywood road asphalt surfaced, 30 ft. wide, bears N. 40° E. and S. 45° W.

79.95 The cor. of secs. 5, 6, 31 and 32, hereinbefore described.

Terrain, rolling to broken. Soil, limestone and loam.

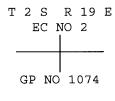
Timber, mesquite; undergrowth, creosote, cholla and cats claw.

#### Electronic Control Corner No. 2, T. 2 S., R. 19 E., Gila and Salt River Meridian, Arizona

Point selected for an electronic control corner for Township 2 South, Range 19 East, is as follows:

Latitude: 33°15'32.574" N. Longitude: 110°23'41.122" W.

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



2011

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

Set a steel "T-post" fence post near the cor.

#### Electronic Control Corner No. 2, T. 02 S., R. 19 E., Gila and Salt River Meridian, Arizona

#### CHAINS

The cor. is located on top of a small hill, 1.5 chs. W. of a El Paso Gas Line, bears S 45° E. and N. 53° W.

from which

- A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 25 ins. in the ground, for a reference monument, bears S. 39°43' W., 66.1 ft. dist., with brass cap mkd. RM T2S R19E 66.1 FT. TO EC 2011 and an arrow pointing to the cor.
- A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 23 ins. in the ground, for a reference monument, bears N. 50°20' W., 990.3 ft. dist., with brass cap mkd. RM T2S R19E 990.2 FT. TO EC 2011 and an arrow pointing to the cor.

#### GENERAL DESCRIPTION

This township is located on the San Carlos Apache Indian Reservation, southeast of the community of San Carlos. The terrain is rolling and broken, with mesas and ravines throughout. Access is primarily cross country with only small sections reached from various unimproved roads.

The elevation varies from 2,500 ft. to 3,500 ft. San Carlos river lays in the northwest of corner of the Township. San Carlos Reservoir lays within the Southerly portion of the Township.

 $\ensuremath{\text{U.S.}}$  Highway 70 runs easterly and westerly through the northern part of the township.

The mean magnetic declination of 10  $1/2^\circ$  E. was derived from the National Geophysical Data Center's magnetic declination calculator, GEOMAG v6.0, utilizing the International Geomagnetic Reference Field model for years 2010 through 2015, for the dates of survey.

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### FIELD ASSISTANTS

FIELD ASSISTANTS				
NAMES	CAPACITY			
Joe R. Salazar	Cadastral Surveyor			
Mark R. Searles	Survey Technician			
Oliver Russell	BIA Survey Technician			

#### CERTIFICATE OF SURVEY

I, Christopher P. McDonald, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 15th day of March, 2010, I have dependently surveyed a portion of the south boundary, established the southeast corner of the township, and surveyed the north boundary and a portion of the subdivisional lines, Township 2 South, Range 19 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.

01/17/2012 (Date) Christyth P.M. Donell (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 boundary, the establishment of the southeast corner of the township, and the survey of the north boundary and a portion of the subdivisional lines, T. 2 S., R. 19 E., 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.

(Chief Cadastral Surveyor of Arizona)

I CERTIFY That the foregoing transcript of the field notes of the above described surveys in T. 2 S., R. 19 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

(Chief Cadastral Surveyor of Arizona)