

ORIGINAL

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

FIELD NOTES

OF THE SURVEY OF A PORTION OF THE
NINTH STANDARD PARALLEL NORTH (SOUTH BOUNDARY)

A PORTION OF THE NORTH BOUNDARY

A PORTION OF THE SUBDIVISIONAL LINES

AND

THE SUBDIVISION OF CERTAIN SECTIONS

TOWNSHIP 37 NORTH, RANGE 7 EAST,

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA.

EXECUTED BY

Gordon R. Bubel, Cadastral Surveyor

Under Special Instructions dated May 3, 2012, approved May 3, 2012, and Supplemental Special Instructions dated August 7, 2012, approved August 7, 2012, which provided for the surveys included under Group No. 1107, and assignment instructions dated July 26, 2012.

Survey commenced July 31, 2012

Survey completed August 27, 2012

INDEX DIAGRAM

TOWNSHIP 37 NORTH RANGE 7 EAST
 GILA AND SALT RIVER MERIDIAN, ARIZONA

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T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the survey of a portion of the Ninth Standard Parallel North(south boundary), a portion of the north boundary, a portion of the subdivisional lines and the subdivision of certain sections, Township 37 North, Range 7 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this survey is as follows: In 2010, Craig S. Dukart, established the four township corners and an electronic control station. Data from the Dukart survey was utilized in the production of an Amended Protraction Diagram, approved on April 21, 2011, which superseded Arizona Protraction Diagram No. 32.

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, 2009, and the Special Instructions dated May 3, 2012 and Supplemental Special Instructions dated August 7, 2012 for Group Number 1107, Arizona.

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

Horizontal control was derived from the 2010 electronic control point, ECP #1, with NAD 83 (CORS96)(2002)(2010) recorded coordinates as follows:

Latitude: 36°35'58.213" N. Longitude: 111°40'23.534" W.

The NAD 83 (CORS96)(2002)(2010) geographic position of the following corners are:

The standard corner of sections 34 and 35.

Latitude: 36°33'19.632" N. Longitude 111°37'23.300" W.

The corner of sections 4, 5, 32 and 33.

Latitude: 36°38'32.799" N. Longitude 111°39'32.985" W.

The mean magnetic declination is 11 1/4° E.

**Survey of a Portion of the Ninth Stan. Parallel North (S. Bdy.),
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona**

The point for the stan. cor. of secs. 34 and 35, at 160.00 chs. W. of the stan. cor. of Tps. 37 N., Rs. 7 and 8 E.

Survey of a Portion of the Ninth Stan. Parallel North (S. Bdy.),
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">SC T 37 N R 7 E S 34 S 35</p> <p style="text-align: center;">2012</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>From this cor. point, the stan. cor. of Tps. 37 N., Rs. 7 and 8 E., bears E., 160.00 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 1 in. above ground, with brass cap mkd. SC T37N R7E R8E S36 S31 2010.</p> <p>West, on the S. bdy. of sec. 34.</p> <p>Descending, over the foothills of Echo Cliffs.</p>
17.50	Right bank of Tanner Wash, 1 ft. high, bears S. 20° E. and N. 20° W.
19.30	Left bank of Tanner Wash, 1 ft. high, bears S. 30° E. and N. 30° W.
28.15	Underground water line, bears S. 35° E. and N. 35° W.
29.10	Power line, bears S. 35° E. and N. 35° W.
30.95	Barbed wire fence, bears S. 35° E. and N. 35° W.
32.45	East edge of pavement, U.S. Highway No. 89, bears S. 35° E. and N. 35° W.
33.21	West edge of same.
34.70	Barbed wire fence, bears S. 35° E. and N. 35° W.
40.00	Point for the stan. 1/4 sec. cor. of sec. 34.
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 ins. in the ground, to bedrock, in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">SC T 37 N R 7 E 1/4 S 34</p> <p style="text-align: center;">2012</p>

**Survey of a Portion of the Ninth Stan. Parallel North (S. Bdy.),
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona**

CHAINS	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>														
80.00	<p>Point for the stan. cor. of secs. 33 and 34.</p> <p>Set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, cemented in a drill hole, atop a sandstone blanket, with top mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="margin: auto; border-collapse: collapse;"> <tr><td colspan="2">SC</td></tr> <tr><td>T 37 N</td><td>R 7 E</td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">S 33</td><td style="padding: 0 5px;">S 34</td></tr> </table> </div> <p style="text-align: center; margin: 10px 0;">2012</p> <p>Raise a mound of stone, 4 ft. base, 2 1/2 ft. high, N. of cor.</p> <p>Deposit fragments of a magnet in the drill hole.</p> <p>From this cor. point, the stan. cor. of Tps. 37 N., Rs. 6 and 7 E., bears W., 240.00 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 10 ins. above ground, in a mound of stone, 5 ft. base, to top, with brass cap mkd. SC T37N R6E R7E S36 S31 2010.</p> <p>Land, rolling. Soil, W. of Tanner Wash; limestone bedrock E. of Tanner Wash; sandy. Undergrowth, brittlebush, sage, bunchgrass. No timber.</p> <hr style="border: 0.5px solid black; margin: 20px 0;"/> <div style="text-align: center; margin: 10px 0;"> <p>Survey of a Portion of the North Boundary, T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona</p> </div> <hr style="border: 0.5px solid black; margin: 20px 0;"/> <p>The point for the cor. of secs. 2, 3, 34 and 35, at 160.00 chs. W. of the cor. of Tps. 37 and 38 N., Rs. 7 and 8 E.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 14 ins. in the ground, to bedrock, in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="margin: auto; border-collapse: collapse;"> <tr><td>T 38 N</td><td>R 7 E .</td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">S 34</td><td style="padding: 0 5px;">S 35</td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">S 3</td><td style="padding: 0 5px;">S 2</td></tr> <tr><td colspan="2">T 37 N</td></tr> </table> </div> <p style="text-align: center; margin: 10px 0;">2012</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>	SC		T 37 N	R 7 E	S 33	S 34	T 38 N	R 7 E .	S 34	S 35	S 3	S 2	T 37 N	
SC															
T 37 N	R 7 E														
S 33	S 34														
T 38 N	R 7 E .														
S 34	S 35														
S 3	S 2														
T 37 N															

**Survey of a Portion of the North Boundary,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona**

CHAINS					
	<p>From this cor. point, the cor. of Tps. 37 and 38 N., Rs. 7 and 8 E., bears E., 160.00 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. T38N R7E R8E S36 S31 S1 S6 T37N 2010.</p> <p>West, between secs. 3 and 34, on the N. bdy. of the Tp.</p> <p>Atop Kaibito Plateau, over rolling land, sage undergrowth, scattered juniper timber.</p>				
10.00	Top of Echo Cliffs, bears NNE and SSW; thence descent 700 ft.				
40.00	True point for the 1/4 sec. cor. of secs. 3 and 34; falls on a highway cut, where it is impracticable to establish a permanent monument.				
40.25	East edge of pavement, U.S. Highway No. 89, bears S. 35° E. and N. 35° W., curving northerly.				
40.99	West edge of same.				
42.00	<p>Point selected for a witness cor. to the 1/4 sec. cor. of secs. 3 and 34.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>WC</p> <p>T 38 N R 7 E</p> <p>S 34</p> <p>1/4 →</p> <p>S 3</p> <p>T 37 N</p> <p>2012</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>				
80.00	<p>Point for the cor. of secs. 3, 4, 33 and 34.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 38 N R 7 E</p> <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 33</td> <td style="padding: 0 5px;">S 34</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 4</td> <td style="padding: 0 5px;">S 3</td> </tr> </table> <p>T 37 N</p> <p>2012</p> </div>	S 33	S 34	S 4	S 3
S 33	S 34				
S 4	S 3				

Survey of a Portion of the North Boundary,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Land, 10 chs. rolling plateau, 70 chs. Cliffs and broken land. Soil, 10 chs. sandy, 70 chs. rocky/nonexistent. Timber, scattered juniper atop Kaibito plateau. Undergrowth, sage, bunchgrass</p> <hr/> <p>West, bet. secs. 4 and 33, on the N. bdy. of the Tp.</p> <p>Slight descent, over gently rolling land.</p>
32.30	Power line, bears N. 10° E. and S. 10° W.
33.40	Underground water line, bears N. 10° E. and S. 10° W.
40.00	Point for the 1/4 sec. cor. of secs. 4 and 33.
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T 38 N R 7 E S 33 1/4 ——— S 4 T 37 N</p> <p style="text-align: center;">2012</p>
	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>
46.24	Barbed wire fence, bears N. 5° E. and S. 5° W.
47.56	East edge of pavement, U.S. Highway No. 89A, bears N. 5° E. and S. 5° W.
47.93	West edge of same.
49.30	Barbed wire fence, bears N. 5° E. and S. 5° W.
62.80	Power line, bears N. 15° E. and S. 15° W.
63.05	Underground water line, bears N. 15° E. and S. 15° W.
80.00	Point for the cor. of secs. 4, 5, 32 and 33.
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 19 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p>

**Survey of a Portion of the North Boundary,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona**

CHAINS

T 38 N	R 7 E
S 32	S 33
S 5	S 4
T 37 N	

2012

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

From this cor. point, the cor. of Tps. 37 and 38 N., Rs. 6 and 7 E., bears W., 159.46 chs. dist., monumented with a brass tablet, attached to a stainless steel rod, 9/16 ins. diam., projecting 12 ins. above ground, cemented in a drill hole, atop a limestone boulder, with top mkd. T38N R6E R7E S36 S31 S1 S6 T37N 2010.

Land, 60 chs. rolling, 20 chs. broken.
Soil, 60 chs. sandy, 20 rocky.
Undergrowth, sage, bunchgrass.

**Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona**

From the stan. cor. of secs. 34 and 35, on the Ninth Stan. Par. N., identical with the S. bdy. of the Tp., hereinbefore described.

N. 0°01' W., bet. secs. 34 and 35.

Ascending, over the westerly facing toe slopes of Echo Cliffs.

40.00 Point for the 1/4 sec. cor. of secs. 34 and 35.

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

T 37 N	R 7 E
1/4	
S 34	S 35

2012

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

62.00 Point selected for a witness point.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona

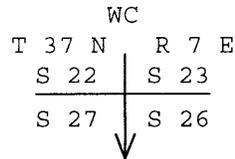
CHAINS	
	WP T 37 N R 7 E S 34 S 35 2012 Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
80.00	Point for the cor. of secs. 26, 27, 34 and 35; falls on the inaccessible WSW facing slope of Echo Cliffs. Not monumented. Land, westerly toe slopes and faces of Echo Cliffs. Soil, sandy. Undergrowth, sage, bunchgrass, no timber.
	<hr/> N. 0°01' W., bet. secs. 26 and 27. Across the westerly facing slopes of Echo Cliffs.
17.65	Curve Wash, within Whistling Wind Canyon, 20 ft. wide, 4 ft. deep, drains S. 60° W.
40.00	Point for the 1/4 sec. cor. of secs. 26 and 27. Set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, cemented in a drill hole, atop a sandstone blanket, with top mkd.
	T 37 N R 7 E 1/4 S 27 S 26 2012
	Deposit fragments of a magnet in the drill hole. Raise a mound of stone, 3 1/2 ft. base, 2 ft. high, 5 ft. W. of cor., on stable ground.
44.00	Enter near vertical W. and S. facing slopes of Echo Cliffs, ascend 1100 ft.
80.00	Point for the cor. of secs. 22, 23, 26 and 27, falls on near vertical cliff of a canyon within Echo Cliffs, where it is impracticable to establish a permanent monument.

**Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona**

CHAINS

From this true point, the point selected for a witness cor. to the cor. of secs. 22, 23, 26 and 27, bears N. 0°01' W., 50 lks. dist.

Set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, cemented in a drill hole, on a sandstone outcropping, with top mkd.



2012

Deposit fragments of a magnet in the drill hole.

Raise a mound of stone, 3 ft. base, 2 ft. high, 3 ft. W. of cor., on stable ground.

Cor. is located 30 lks. N. of edge of cliff, bears E. and W.

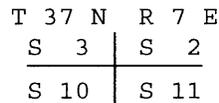
Land, face of Echo Cliffs.

Soil, none.

Undergrowth, some sage.

The point for the cor. of secs. 2, 3, 10 and 11, at 240.00 chs., N. 0°01' W., from the point for the cor. of secs. 22, 23, 26 and 27.

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



2012

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

N. 0°01' W., bet. secs. 2 and 3.

Atop Kaibato plateau, over rolling land, scattered juniper, sage and bunchgrass.

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

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 37 N R 7 E 1/4 S 3 S 2 2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
80.00	The cor. of secs. 2, 3, 34 and 35, on the N. bdy. of the Tp., hereinbefore described. Land, rolling. Soil, sandy. Timber, 60 chs. scattered juniper, 20 chs. juniper and pine. Undergrowth, sage and bunchgrass.
	<hr/> From the stan. cor. of secs. 33 and 34, on the Ninth Stan. Par. N., identical with the S. bdy. of the Tp., hereinbefore described. N. 0°02' W., bet. secs. 33 and 34. Over NE facing spurs and NE draining draws.
40.00	Point for the 1/4 sec. cor. of secs. 33 and 34. Set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, cemented in a drill hole, atop a limestone blanket, with top mkd.
	T 37 N R 7 E 1/4 S 33 S 34 2012
	Deposit fragments of a magnet in the drill hole. Raise a mound of stone, 4 ft. base, 2 1/2 ft. high, W. of cor.
79.61	Barbed wire fence, bears S. 20° E. and N. 20° W.
80.00	Point for the cor. of secs. 27, 28, 33 and 34. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, to bedrock, in a mound of stone, 5 1/2 ft. base, to top, with brass cap mkd.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS																	
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T 37 N	R 7 E																
S 28	S 27																
S 33	S 34																
	2012																
	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Land, NE facing spurs and NE draining draws. Soil, thin layer of sand, over limestone bedrock. Undergrowth, sage, no timber.</p> <hr/> <p>From the point for the cor. of secs. 26, 27, 34 and 35. West, bet. secs. 27 and 34. Descending, over the westerly facing slopes of Echo Cliffs.</p>																
8.00	<p>Point selected for a witness point.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p>																
	<table style="margin: auto; border-collapse: collapse;"> <tr> <td colspan="2" style="padding: 0 10px;">WP</td> </tr> <tr> <td style="padding: 0 10px;">T 37 N</td> <td style="padding: 0 10px;">R 7 E</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 27</td> <td style="padding: 0 5px;"></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 34</td> <td style="padding: 0 5px;"></td> </tr> </table>	WP		T 37 N	R 7 E	S 27		S 34									
WP																	
T 37 N	R 7 E																
S 27																	
S 34																	
	2012																
	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Cor. is located at the toe of slope of Echo Cliffs.</p>																
40.00	<p>Point for the 1/4 sec. cor. of secs. 27 and 34.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, in a collar of stone, with brass cap mkd.</p>																
	<table style="margin: auto; border-collapse: collapse;"> <tr> <td colspan="2" style="padding: 0 10px;">T 37 N</td> <td colspan="2" style="padding: 0 10px;">R 7 E</td> </tr> <tr> <td style="padding: 0 5px;"></td> <td style="padding: 0 5px;">S 27</td> <td style="padding: 0 5px;"></td> <td style="padding: 0 5px;"></td> </tr> <tr> <td style="padding: 0 5px;">1/4</td> <td style="border-top: 1px solid black; padding: 0 5px;"></td> <td style="padding: 0 5px;"></td> <td style="padding: 0 5px;"></td> </tr> <tr> <td style="padding: 0 5px;"></td> <td style="padding: 0 5px;">S 34</td> <td style="padding: 0 5px;"></td> <td style="padding: 0 5px;"></td> </tr> </table>	T 37 N		R 7 E			S 27			1/4					S 34		
T 37 N		R 7 E															
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	2012																
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Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
73.00	Right bank of the Tanner Wash, 2 ft. high, bears S. 10° E. and N. 10° W.
74.60	Left bank of the Tanner Wash, 2 ft. high, bears S. 30° E. and N. 30° W.
76.90	Barbed wire fence, bears S. 20° E. and N. 20° W.
78.18	East edge of pavement, U.S. Highway No. 89, bears S. 10° E. and N. 15° W.
78.90	West edge of same.
80.00	The cor. of secs. 27, 28, 33 and 34. Land, rolling. Soil, sandy. Undergrowth, sage, brittlebush, bunchgrass, no timber.
	N. 0°02' W., bet. secs. 27 and 28. In bottomlands, through sage and bunchgrass.
2.86	South edge of pavement, U.S. Highway No. 89, bears S. 20° E. and N. 20° W.
4.97	North edge of same.
7.81	Barbed wire fence, bears S. 15° E. and N. 15° W.
8.80	Left bank of the Tanner Wash, 3 ft. high, bears S. 15° E. and N. 15° W.
11.30	Right bank of the Tanner Wash, 3 ft. high, bears S. 30° E. and N. 30° W.
40.00	Point for the 1/4 sec. cor. of secs. 27 and 28. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, in a collar of stone, with brass cap mkd. T 37 N R 7 E 1/4 S 28 S 27 2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
59.95	Power line, bears S. 20° E. and N. 20° W.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS									
61.60	Underground water line, bears S. 20° E. and N. 20° W.								
80.00	Point for the cor. of secs. 21, 22, 27 and 28.								
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, in a collar of stone, with brass cap mkd.								
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>T 37 N</td> <td>R 7 E</td> </tr> <tr> <td>S 21</td> <td>S 22</td> </tr> <tr> <td>S 28</td> <td>S 27</td> </tr> </table>	T 37 N	R 7 E	S 21	S 22	S 28	S 27		
T 37 N	R 7 E								
S 21	S 22								
S 28	S 27								
	2012								
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.								
	Land, gently rolling. Soil, sandy. Timber, widely scattered juniper, undergrowth sage, bunchgrass.								
	<hr/> From the point for the cor. of secs. 22, 23, 26 and 27.								
	West, bet. secs. 22 and 27.								
	Descending over westerly facing slopes of Echo Cliffs.								
40.00	Point for the 1/4 sec. cor. of secs. 22 and 27.								
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd.								
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>T 37 N</td> <td>R 7 E</td> </tr> <tr> <td></td> <td>S 22</td> </tr> <tr> <td>1/4</td> <td>—</td> </tr> <tr> <td></td> <td>S 27</td> </tr> </table>	T 37 N	R 7 E		S 22	1/4	—		S 27
T 37 N	R 7 E								
	S 22								
1/4	—								
	S 27								
	2012								
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.								
	Cor. is located on toe slope of Echo Cliffs, bears SSE and NNW.								
80.00	The cor. of secs. 21, 22, 27 and 28.								
	Land, face of Echo Cliffs and foothills. Soil, sandy and nonexistent. Undergrowth, sage, bunchgrass and Mormon tea.								

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
	N. 0°02' W., bet. secs. 21 and 22. Ascending over foothills of Echo Cliffs.
40.00	Point for the 1/4 sec. cor. of secs. 21 and 22. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 ins. in the ground, to bedrock, in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd. <div style="text-align: center;">T 37 N R 7 E 1/4 S 21 S 22 2012</div>
70.40	Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Point selected for a witness point. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, in a collar of stone, with brass cap mkd. <div style="text-align: center;">WP T 37 N R 7 E S 21 S 22 2012</div>
80.00	Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Cor. is located on the toe slope of Echo Cliffs, bears NNW and SSE. Point for the cor. of secs. 15, 16, 21 and 22; falls on the WNW face of Echo Cliffs, where it is impracticable to establish a permanent monument. Land, foothills and face of Echo Cliffs. Soil, sandy and nonexistent. Timber, widely scattered junipers and sage.
	N. 0°02' W., bet. secs. 15 and 16. Ascending over WNW face of Echo Cliffs.
24.60	Top of Echo Cliffs, bears SSE and WNW.
40.00	Point for the 1/4 sec. cor. of secs. 15 and 16.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, cemented in a drill hole, atop a sandstone blanket, with top mkd.</p> <p style="text-align: center;">T 37 N R 7 E 1/4 S 16 S 15</p> <p style="text-align: center;">2012</p> <p>Deposit fragments of a magnet in the drill hole.</p> <p>Raise a mound of stone, 3 1/2 ft. base, 2 ft. high, W. of cor.</p>
80.00	<p>Point for the cor. of secs. 9, 10, 15 and 16.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 ins. in the ground, to bedrock, in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T 37 N R 7 E S 9 S 10 S 16 S 15</p> <p style="text-align: center;">2012</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Land, 20 chs. face of Echo Cliffs, 60 chs. atop Kaibito Plateau. Soil, rock faces and sandy. Timber, juniper and some pine on top, sage throughout.</p> <hr/> <p>N. 0°02' W., bet. secs. 9 and 10.</p> <p>Atop Kaibito Plateau.</p>
27.65	<p>Point selected for a witness point.</p> <p>Set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, cemented in a drill hole, atop a sandstone blanket, with top mkd.</p> <p style="text-align: center;">WP T 37 N R 7 E S 9 S 10</p> <p style="text-align: center;">2012</p> <p>Deposit fragments of a magnet in the drill hole.</p> <p>Raise a mound of stone, 3 ft. base, 1 ft. high, W. of cor.</p>

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS									
27.90	Top/edge of Echo Cliffs, bears NNE and SSW.								
40.00	<p>Point for the 1/4 sec. cor. of secs. 9 and 10; falls on WNW face of Echo Cliffs, where it is impracticable to establish a permanent monument.</p> <p>thence, descending over WNW face of Echo Cliffs.</p>								
80.00	<p>Point for the cor. of secs. 3, 4, 9 and 10.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <div style="text-align: center;"> <table border="0"> <tr> <td>T 37 N</td> <td>R 7 E</td> </tr> <tr> <td>S 4</td> <td>S 3</td> </tr> <tr> <td colspan="2"><hr style="width: 100%;"/></td> </tr> <tr> <td>S 9</td> <td>S 10</td> </tr> </table> <p>2012</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Land, top and face of Echo Cliffs. Soil, sandy and nonexistent. Timber, widely scattered junipers and sage.</p>	T 37 N	R 7 E	S 4	S 3	<hr style="width: 100%;"/>		S 9	S 10
T 37 N	R 7 E								
S 4	S 3								
<hr style="width: 100%;"/>									
S 9	S 10								
	From the cor. of secs. 2, 3, 10 and 11.								
	West, bet. secs. 3 and 10, atop Kaibito Plateau.								
40.00	<p>Point for the 1/4 sec. cor. of secs. 3 and 10.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <div style="text-align: center;"> <table border="0"> <tr> <td>T 37 N</td> <td>R 7 E</td> </tr> <tr> <td></td> <td>S 3</td> </tr> <tr> <td>1/4</td> <td><hr style="width: 50%;"/></td> </tr> <tr> <td></td> <td>S 10</td> </tr> </table> <p>2012</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>	T 37 N	R 7 E		S 3	1/4	<hr style="width: 50%;"/>		S 10
T 37 N	R 7 E								
	S 3								
1/4	<hr style="width: 50%;"/>								
	S 10								
55.30	<p>Top/edge of Echo Cliffs, bears NNE and SSW.</p> <p>thence, descending over WNW face of Echo Cliffs.</p>								
76.00	Toe of Echo Cliffs, bears NNE and SSW.								

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
80.00	<p>The cor. of secs. 3, 4, 9 and 10.</p> <p>Land, rolling and cliff face. Soil, sandy and nonexistent. Timber, juniper and some pine near cliff edge, sage throughout.</p> <hr/> <p>N. 0°02' W., bet. secs. 3 and 4.</p> <p>Over NW facing toe slopes of Echo Cliffs.</p>
36.00	Barbed wire fence, bears S. 85° E. and N. 85° W.
37.22	South edge of pavement, U.S. Highway No. 89, bears S. 85° E. and N. 85° W.
37.76	North edge of same.
39.00	Barbed wire fence, bears S. 85° E. and N. 85° W.
40.00	<p>Point for the 1/4 sec. cor. of secs. 3 and 4.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T 37 N R 7 E 1/4 S 4 S 3 2012</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>
79.99	<p>The cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp., hereinbefore described.</p> <p>Land, rolling. Soil, sandy. Undergrowth, sage and bunchgrass, no timber.</p> <hr/> <p>From the cor. of secs 27, 28, 33 and 34. West, bet. secs. 28 and 33.</p> <p>Over ENE facing spurs.</p>
0.16	Barbed wire fence, bears S. 20° E. and N. 20° W.
40.00	Point for the 1/4 sec. cor. of secs. 28 and 33.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 8 ins. in the ground, between boulders in place, with brass cap mkd.</p> <p style="text-align: center;">T 37 N R 7 E S 28 1/4 ——— S 33</p> <p style="text-align: center;">2012</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Backfill the voids between boulders.</p>
80.00	<p>Point for the cor. of secs. 28, 29, 32 and 33.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, to bedrock, in a mound of stone, 6 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T 37 N R 7 E S 29 S 28 — — S 32 S 33</p> <p style="text-align: center;">2012</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Land, ENE facing spurs and ENE draining draws. Soil, thin layer of topsoil over limestone bedrock. Undergrowth, sage and bunchgrass, no timber.</p> <hr/> <p>N. 0°03' W., bet. secs. 28 and 29.</p> <p>Over ENE facing spurs.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 28 and 29.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 14 ins. in the ground, to bedrock, in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T 37 N R 7 E 1/4 S 29 S 28</p> <p style="text-align: center;">2012</p>

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS							
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.						
80.00	Point for the cor. of secs. 20, 21, 28 and 29. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, to bedrock, in a mound of stone, 5 1/2 ft. base, to top, with brass cap mkd.						
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>T 37 N</td> <td>R 7 E</td> </tr> <tr> <td>S 20</td> <td>S 21</td> </tr> <tr> <td>S 29</td> <td>S 28</td> </tr> </table>	T 37 N	R 7 E	S 20	S 21	S 29	S 28
T 37 N	R 7 E						
S 20	S 21						
S 29	S 28						
	2012						
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.						
	Land, ENE facing spurs and ENE draining draws. Soil, thin layer of topsoil over limestone bedrock. Undergrowth, sage and bunchgrass, no timber.						
	<hr/>						
	From the cor. of secs. 21, 22, 27 and 28.						
	West, bet. secs. 21 and 28, over bottom lands.						
8.10	Power line, bears S. 30° E. and N. 30° W.						
25.90	Right bank of the Tanner Wash, 2 ft. high, bears N. 10° E. and S. 10° W.						
27.20	Left bank of the Tanner Wash, 2 ft. high, bears N. 10° E. and S. 10° W.						
35.50	Barbed wire fence, bears S. 30° E. and N. 30° W.						
36.87	East edge of pavement, U.S. Highway No. 89, bears S. 30° E. and N. 30° W.						
37.66	West edge of same.						
39.01	Barbed wire fence, bears S. 30° E. and N. 30° W.						
40.00	Point for the 1/4 sec. cor. of secs. 21 and 28. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, in a collar of stone, with brass cap mkd.						

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
80.00	<p style="text-align: center;">T 37 N R 7 E S 21 1/4 ——— S 28</p> <p style="text-align: center;">2012</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>thence, leave bottomlands, enter broken lands.</p> <p>The cor. of secs. 20, 21, 28 and 29.</p> <p>Land, E. 40 chs., rolling, W. 40 chs. NE facing spurs.. Soil, E. 40 chs. sandy, W. 40 chs. thin layer of topsoil over limestone bedrock. Undergrowth, sage and bunchgrass, no timber.</p> <hr/>
40.00	<p>N. 0°03' W., bet. secs. 20 and 21.</p> <p>Over NE facing spurs and NE draining draws.</p> <p>Point for the 1/4 sec. cor. of secs. 20 and 21.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, through bedrock, in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p>
80.00	<p style="text-align: center;">T 37 N R 7 E 1/4 S 20 S 21</p> <p style="text-align: center;">2012</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Point for the cor. of secs. 16, 17, 20 and 21.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, to bedrock, in a mound of stone, 4 1/2 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T 37 N R 7 E S 17 S 16 S 20 S 21</p> <p style="text-align: center;">2012</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>

**Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>From this point, an electronic control point, designated as EC No. 1, with recorded latitude of 36°35'58.213" N. and longitude of 111°40'23.534" W., NAD 83, bears N. 87°12' W., 62.72 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 1 in. above ground, with brass cap mkd. T37N R7E EC NO. 1 GP. NO. 1080 2010.</p> <p>Land, NE facing spurs and NE draining draws. Soil, thin layer of topsoil over limestone bedrock. Undergrowth, sage and bunchgrass, no timber.</p> <hr/> <p>From the point for the cor. of secs. 15, 16, 21 and 22. West, bet. secs. 16 and 21, descending over face of Echo Cliffs.</p>
12.80	<p>Point selected for a witness point.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>WP T 37 N R 7 E S 16 ——— S 21 2012</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Cor. is located on toe of slope, Echo Cliffs, thence over rolling lands.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 16 and 21.</p> <p>Set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, cemented in a drill hole, atop a sandstone outcropping, with top mkd.</p> <div style="text-align: center;"> <p>T 37 N R 7 E S 16 1/4 ——— S 21 2012</p> </div> <p>Deposit fragments of a magnet in the drill hole.</p> <p>Raise a mound of stone, 3 1/2 ft. base, 2 ft. high, W. of cor.</p>

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
54.20	Power line, bears S. 30° E. and N. 30° W.
66.30	Right bank of the channelized Tanner Wash, 3 ft. high, bears S. 35° E. and N. 35° W.
66.42	From this point, Tanner Wash well (5 x 4 x 4 ft. high, encased in sandstone and concrete), bears S., 2.24 chs. dist.
67.00	Left bank of the channelized Tanner Wash, 4 ft. high, bears S. 35° E. and N. 35° W.
68.23	Barbed wire fence, bears N. 10° E. and S. 10° W.
69.44	East edge of pavement, U.S. Highway No. 89, bears N. 10° E. and S. 10° W.
70.10	West edge of same.
71.33	Barbed wire fence, bears N. 10° E. and S. 10° W.
80.00	The cor. of secs. 16, 17, 20 and 21. Land, foothills of Echo Cliffs. Soil, sandy Undergrowth, sage, bunchgrass, no timber.
	N. 0°03' W., bet. secs. 16 and 17. Over rolling land.
16.10	Left bank of the Tanner Wash, 3 ft. high, bears S. 40° E. and N. 40° W.
18.10	Right bank of the Tanner Wash, 10 ft. high, bears S. 45° E. and N. 45° W.
40.00	Point for the 1/4 sec. cor. of secs. 16 and 17. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, in a collar of stone, with brass cap mkd.
	T 37 N R 7 E 1/4 S 17 S 16 2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	From this cor. point, a well head (12 ins. diam.), with adjacent windmill and tank, bears S. 75°16' W., 3.00 chs. dist.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS									
	<p>From this same cor. point, Tanner Well (dry), a 9 x 9 x 3 ft. high, concrete encasement, bears N. 37°47' W., 15.20 chs. dist.</p>								
80.00	<p>Point for the cor. of secs. 8, 9, 16 and 17.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <table border="1"> <tr> <td>T 37 N</td> <td>R 7 E</td> </tr> <tr> <td>S 8</td> <td>S 9</td> </tr> <tr> <td>S 17</td> <td>S 16</td> </tr> </table> <p>2012</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Land, rolling. Soil, sandy. Undergrowth, sage and bunchgrass.</p> <hr/> <p>From the cor. of secs. 9, 10, 15 and 16.</p> <p>West, bet. secs. 9 and 16, atop Kaibito Plateau.</p>	T 37 N	R 7 E	S 8	S 9	S 17	S 16		
T 37 N	R 7 E								
S 8	S 9								
S 17	S 16								
13.90	<p>Top/edge of Echo Cliffs, bears NNE and SSW.</p> <p>thence, descend 1200 ft.</p>								
40.00	<p>Point for the 1/4 sec. cor. of secs. 9 and 16.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 8 ins. in the ground, to bedrock, in a mound of stone, 5 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <table border="1"> <tr> <td>T 37 N</td> <td>R 7 E</td> </tr> <tr> <td>S 9</td> <td></td> </tr> <tr> <td>1/4</td> <td>—</td> </tr> <tr> <td>S 16</td> <td></td> </tr> </table> <p>2012</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Cor. is located at the toe slope of Echo Cliffs.</p>	T 37 N	R 7 E	S 9		1/4	—	S 16	
T 37 N	R 7 E								
S 9									
1/4	—								
S 16									
54.50	<p>Underground water line, bears N. 5° E. and S. 5° W.</p>								
56.60	<p>Power line, bears N. 5° E. and S. 5° W.</p>								

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
59.30	Barbed wire fence, bears N. 5° E. and S. 5° W.
60.51	East edge of pavement, U.S. Highway No. 89, bears N. 5° E. and S. 5° W.
61.12	West edge of same.
62.34	Barbed wire fence, bears N. 5° E. and S. 5° W.
80.00	The cor. of secs. 8, 9, 16 and 17. Land, 40 chs. Echo Cliffs, 40 chs. rolling. Soil, 40 chs. bedrock, 40 chs. sandy. Undergrowth, sage, bunchgrass.
	N. 0°03' W., bet. secs. 8 and 9. Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 8 and 9. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, to bedrock, in a mound of stone, 4 1/2 ft. base, to top, with brass cap mkd. <div style="text-align: center;"> T 37 N R 7 E 1/4 S 8 S 9 2012 </div>
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
70.55	From this point, the NW cor. of a fenced housing tract bears E., 5.65 chs. dist., thence; S. 85°31' E., 15.28 chs. dist., on the N. bdy. of the tract, to NE cor., thence; S. 4°38' W., 17.88 chs. dist., on the E. bdy. of the tract to the SE cor., thence; N. 85°22' W., 9.09 chs. dist., on the S. bdy. of the tract to the most SW cor., thence; N. 34°22' W., 9.87 chs. dist., to the most westerly cor. of the tract, thence N. 4°46' E., 10.17 chs. dist., on the W. bdy. of the tract to the NW cor., and place of beginning, containing 25.9 acres+/- . Approximately 75 houses are within the tract.
80.00	Point for the cor. of secs. 4, 5, 8 and 9. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 11 ins. in the ground, to bedrock, in a mound of stone, 5 ft. base, to top, with brass cap mkd.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS															
	<table border="1" style="margin: auto;"> <tr> <td>T 37 N</td> <td>R 7 E</td> </tr> <tr> <td>S 5</td> <td>S 4</td> </tr> <tr> <td>S 8</td> <td>S 9</td> </tr> </table> <p>2012</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Land, gently rolling. Soil, thin layer of topsoil over limestone bedrock. Undergrowth, sage and bunchgrass.</p> <hr/> <p>From the cor. of secs. 3, 4, 9 and 10.</p> <p>West, bet. secs. 4 and 9, descending, over gently rolling land.</p> <p>40.00 Point for the 1/4 sec. cor. of secs. 4 and 9; falls in wash (12 ft. wide, 5 ft. deep, drains N. 50° W.), where it is impracticable to establish a permanent monument.</p> <p>40.70 Power line, bears N. 10° E. and S. 10° W.</p> <p>41.00 Point selected for a witness cor. to the 1/4 sec. cor. of secs. 4 and 9.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <div style="text-align: center;"> <p>WC</p> <table border="1" style="margin: auto;"> <tr> <td>T 37 N</td> <td>R 7 E</td> </tr> <tr> <td>S 4</td> <td></td> </tr> <tr> <td>1/4</td> <td>→</td> </tr> <tr> <td>S 9</td> <td></td> </tr> </table> <p>2012</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>52.78 Barbed wire fence, bears N. 5° E. and S. 5° W.</p> <p>53.95 East edge of pavement, U.S. Highway No. 89, bears N. 5° E. and S. 5° W.</p> <p>54.62 West edge of same.</p> <p>55.82 Barbed wire fence, bears N. 5° E. and S. 5° W.</p> <p>80.00 The cor. of secs. 4, 5, 8 and 9.</p>	T 37 N	R 7 E	S 5	S 4	S 8	S 9	T 37 N	R 7 E	S 4		1/4	→	S 9	
T 37 N	R 7 E														
S 5	S 4														
S 8	S 9														
T 37 N	R 7 E														
S 4															
1/4	→														
S 9															

**Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Land, rolling. Soil, 10 chs. gravelly, 70 chs. sandy. Undergrowth, sage and bunchgrass, no timber.</p> <hr/> <p>N. 0°03' W., bet. secs. 4 and 5. Over gently rolling land.</p>
19.77	<p>From this point, the NW cor. of a fenced tract of land, enclosing a waste water treatment facility, bears E., 9.20 chs. dist., thence; S. 84°44' E., 8.23 chs. dist., on the N. bdy. of the tract, to NE cor., thence; S. 9°24' W., 10.54 chs. dist., on the E. bdy. of the tract to the SE cor., thence; N. 76°10' W., 8.88 chs. dist., on the S. bdy. of the tract to the SW cor., thence N. 13°25' E., 9.28 chs. dist., to the NW cor. of the tract, and place of beginning, containing 8.44 A+/-.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 4 and 5.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 19 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T 37 N R 7 E 1/4 S 5 S 4 2012</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>
79.99	<p>The cor. of secs. 4, 5, 32 and 33, on the N. bdy. of the Tp., hereinbefore described.</p> <p>Land, rolling and broken. Soil, sandy and rocky. Undergrowth, sage and bunchgrass, no timber.</p> <hr/> <p style="text-align: center;">Subdivision of Section 3, T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From the 1/4 sec. cor. of secs. 3 and 10, hereinbefore described.</p> <p>N. 0°02' W., on the N. and S. center line of sec. 3. Atop Kaibito Plateau, through juniper and pine timber.</p>
27.60	<p>Top/edge of Echo Cliffs, bears NE and SW., thence descend 800 ft.</p>

Subdivision of Section 3,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.00	<p>Point for the center 1/4 sec. cor. of sec. 3, at intersection with the E. and W. center line of sec. 3.</p> <p>Set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, cemented in a drill hole, atop a bench, within a sandstone outcropping, with top mkd.</p> <p style="text-align: center;">T 37 N R 7 E C 1/4 S 3</p> <p style="text-align: center;">2012</p> <p>Deposit fragments of a magnet in the drill hole.</p> <p>Cor. is located within the lower NW facing slopes of Echo Cliffs.</p>
42.50	South edge of pavement, U.S. Highway No. 89, bears N. 45° E. and S. 45° W.
43.35	North edge of same.
44.97	Barbed wire fence, bears irregularly NNE and SSW.
78.67	South edge of pavement, U.S. Highway No. 89, bears S. 35° E. and N. 35° W.
79.69	North edge of same.
80.00	<p>The point for the 1/4 sec. cor. of secs. 3 and 34, on the N. bdy. of the Tp., hereinbefore described.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 2 and 3, hereinbefore described. West, on the E. and W. center line of sec. 3.</p> <p>Atop Kaibito Plateau, over rolling land.</p>
28.20	Top/edge of Echo Cliffs, bears NE and SW, thence descend 700 ft.
40.00	The center 1/4 sec. cor. of sec. 3.
43.19	East edge of pavement, U.S. Highway No. 89, bears N. 60° E. and S. 60° W.
44.35	West edge of same.
47.06	Barbed wire fence, bears N. 65° E. and S. 65° W.
80.00	The 1/4 sec. cor. of secs. 3 and 4, hereinbefore described.

Subdivision of Section 3,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<hr/> <p style="text-align: center;">Subdivision of Section 4, T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona</p> <hr/>
	<p>From the point for the 1/4 sec. cor. of secs. 4 and 9, hereinbefore described.</p> <p>N. 0°02' W., on the N. and S. center line of sec. 4.</p> <p>Over gently rolling land.</p>
35.66	Barbed wire fence, bears N. 60° E. and S. 60° W.
37.01	South edge of pavement, U.S. Highway No. 89, bears N. 60° E. and S. 60° W.
37.82	North edge of same.
40.00	Point for the center 1/4 sec. cor. of sec. 4, at intersection with the E. and W. center line of sec. 4.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, in a collar of stone, with brass cap mkd.
	<p>T 37 N R 7 E C 1/4 S 4</p> <p>2012</p>
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
42.25	Center of runaway truck lane, 35 ft. wide, crushed stone, bears S. 80° E. and N. 80° W.
43.35	Barbed wire fence, bears S. 80° E. and N. 80° W.
79.99	The 1/4 sec. cor. of secs. 4 and 33, on the N. bdy. of the Tp., hereinbefore described.
	<hr/> <p>From the 1/4 sec. cor. of secs. 3 and 4, hereinbefore described.</p> <p>West, on the E. and W. center line of sec. 4.</p> <p>Over rolling land.</p>
12.07	Barbed wire fence, bears S. 85° E. and N. 85° W.
32.85	Power line, bears N. 10° E. and S. 10° W.

**Subdivision of Section 4,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona**

CHAINS	
40.00	The center 1/4 sec. cor. of sec. 4.
48.79	East edge of pavement, U.S. Highway No. 89A, bears N. 35° W., curving easterly and S. 35° E. to intersection with U.S. Highway 89.
49.54	West edge of same.
52.56	Barbed wire fence, bears N. 5° E. and S. 5° W.
80.00	The 1/4 sec. cor. of secs. 4 and 5, hereinbefore described.
<hr/> <p>Subdivision of Section 9, T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona</p> <hr/>	
	From the 1/4 sec. cor. of secs. 9 and 16, hereinbefore described.
	N. 0°02' W., on the N. and S. center line of sec. 9.
	Over the NW facing toes slopes of Echo Cliffs.
40.00	Point for the center 1/4 sec. cor. of sec. 9, at intersection with the E. and W. center line of sec. 9.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, in a collar of stone, with brass cap mkd.
	T 37 N R 7 E C 1/4 S 9 2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
80.00	The point for the 1/4 sec. cor. of secs. 4 and 9, hereinbefore described.
<hr/>	
	From the point for the 1/4 sec. cor. of secs. 9 and 10, hereinbefore described.
	West, on the E. and W. center line of sec. 9.
	Descending, over the NW facing slopes of Echo Cliffs.
19.70	Toe of slope, Echo Cliffs, bears NE and SW.
40.00	The center 1/4 sec. cor. of sec. 9.

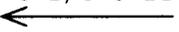
**Subdivision of Section 9,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona**

CHAINS	
48.57	Power line, bears N. 10° E. and S. 10° W.
56.04	Barbed wire fence, bears N. 5° E. and S. 5° W.
57.25	East edge of pavement, U.S. Highway No. 89, bears N. 5° E. and S. 5° W.
57.86	West edge of same.
59.08	Barbed wire fence, bears N. 5° E. and S. 5° W.
80.00	The 1/4 sec. cor. of secs. 8 and 9, hereinbefore described.
<hr/> <p style="text-align: center;">Subdivision of Section 16, T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona</p> <hr/>	
	From the 1/4 sec. cor. of secs. 16 and 21, hereinbefore described.
	N. 0°02' W., on the N. and S. center line of sec. 16.
	Across the SW and W. facing toe slopes of Echo Cliffs.
40.00	Point for the center 1/4 sec. cor. of sec. 16, at intersection with the E. and W. center line of sec. 16.
	True point falls on a precipitous E. facing slope, where it is impracticable to establish a permanent monument.
	From this true point, the point selected for a witness cor. to the center 1/4 sec. cor. of sec. 16, bears W., 0.25 chs. dist., hereinafter described.
80.00	The 1/4 sec. cor. of secs. 9 and 16, hereinbefore described.
<hr/>	
	From the 1/4 sec. cor. of secs. 15 and 16, hereinbefore described.
	West, on the E. and W. center line of sec. 16.
	Atop, Kaibito Plateau.
6.30	Top/edge of Echo Cliffs, bears NNW and SSE, thence descend 1200 ft.
40.00	Point for the center 1/4 sec. cor. of sec. 16.
40.25	Point selected for a witness cor. to the center 1/4 sec. cor. of sec. 16.

**Subdivision of Section 16,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;"> WC T 37 N R 7 E C 1/4 S 16 ───────────→ 2012 </p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Cor. is located on a bench, within a steep E. facing slope, on the lower slopes of Echo Cliffs.</p>
60.50	Power line, bears N. 5° E. and S. 5° W.
60.99	From this point, a concrete right-of-way monument (6 x 6 x 34 ins. high), bears N., 0.53 chs. dist.
62.55	Barbed wire fence, bears N. 5° E. and S. 5° W.
63.76	East edge of pavement, U.S. Highway No. 89, bears N. 5° E. and S. 5° W.
64.38	West edge of same.
65.60	Barbed wire fence, bears N. 5° E. and S. 5° W.
67.03	From this point, a concrete right-of-way monument (6 x 6 x 30 ins. high), bears N., 1.00 chs. dist.
80.00	The 1/4 sec. cor. of secs. 16 and 17, hereinbefore described.
<hr/> <p>Subdivision of Section 21, T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona</p> <hr/>	
	<p>From the 1/4 sec. cor. of secs. 21 and 28, hereinbefore described.</p> <p>N. 0°02' W., on the N. and S. center line of sec. 21.</p> <p>Over rolling land.</p>
1.70	Barbed wire fence, bears S. 30° E. and N. 30° W.
4.09	South edge of pavement, U.S. Highway No. 89, bears S. 30° E. and N. 30° W.
5.31	North edge of same.

Subdivision of Section 21,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
7.72	Barbed wire fence, bears S. 30° E. and N. 30° W.
37.60	Left bank of the Tanner Wash, 2 ft. high, bears S. 70° E. and N. 70° W.
39.50	Right bank of the Tanner Wash, 3 ft. high, bears S. 45° E. and N. 45° W.
40.00	Point for the center 1/4 sec. cor. of sec. 21, at intersection with the E. and W. center line of sec. 21. True point falls within the flood plain of Tanner Wash, where it is impracticable to establish a permanent monument. From this true point, the point selected for a witness cor. to the center 1/4 sec. cor. of sec. 21, bears E., 2.00 chs. dist., hereinafter described.
51.40	Underground water line, bears S. 40° E. and N. 40° W.
55.30	Power line, bears S. 30° E. and N. 30° W.
80.00	The 1/4 sec. cor. of secs. 16 and 21, hereinbefore described. <hr/>
	From the 1/4 sec. cor. of secs. 21 and 22, hereinbefore described. West, on the E. and W. center line of sec. 21.
30.40	Underground water line, bears S. 30° E. and N. 30° W.
31.20	Power line, bears S. 30° E. and N. 30° W.
38.00	Point selected for a witness cor. to the center 1/4 sec. cor. of sec. 21. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> WC T 37 N R 7 E C 1/4 S 21  2012 </div> Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post, alongside the cor.
40.00	Point for the center 1/4 sec. cor. of sec. 21.

**Subdivision of Section 21,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona**

CHAINS	
40.50	Right bank of the Tanner Wash, 2 ft. high, bears S. 45° E. and N. 45° W.
43.40	Left bank of the Tanner Wash, 4 ft. high, bears S. 35° E. and N. 35° W.
58.82	Barbed wire fence, bears S. 30° E. and N. 30° W.
60.21	East edge of pavement, U.S. Highway No. 89, bears S. 30° E. and N. 30° W.
60.94	West edge of same.
62.33	Barbed wire fence, bears S. 30° E. and N. 30° W.
80.00	The 1/4 sec. cor. of secs. 20 and 21, hereinbefore described.
<hr/> <p>Subdivision of Section 27, T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona</p> <hr/>	
	From the 1/4 sec. cor. of secs. 27 and 34, hereinbefore described.
	N. 0°02' W., on the N. and S. center line of sec. 27.
	Over the SW facing foothills of Echo Cliffs.
40.00	Point for the center 1/4 sec. cor. of sec. 27, at intersection with the E. and W. center line of sec. 27.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.
	T 37 N R 7 E C 1/4 S 27
	2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
80.00	The 1/4 sec. cor. of secs. 22 and 27, hereinbefore described.
<hr/>	
	From the 1/4 sec. cor. of secs. 26 and 27, hereinbefore described.
	West, on the E. and W. center line of sec. 27.
	Ascending out of a canyon, within Echo Cliffs.

**Subdivision of Section 27,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona**

CHAINS	
33.90	Toe of slope Echo Cliffs, bears SSE and NNW.
40.00	The center 1/4 sec. cor. of sec. 27.
72.20	Underground water line, bears S. 20° E. and N. 20° W.
72.80	Power line, bears S. 20° E. and N. 20° W.
80.00	The 1/4 sec. cor. of secs. 27 and 28, hereinbefore described.
<hr/> <p>Subdivision of Section 28, T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona</p> <hr/>	
	From the 1/4 sec. cor. of secs. 28 and 33, hereinbefore described.
	N. 0°02' W., on the N. and S. center line of sec. 28.
	Across NE facing spurs and NE draining draws.
40.00	Point for the center 1/4 sec. cor. of sec. 28, at intersection with the E. and W. center line of sec. 28.
	Set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, cemented in a drill hole, atop a bench, with top mkd.
	<p>T 37 N R 7 E C 1/4 S 28</p> <p>2012</p>
	Deposit fragments of a magnet in the drill hole.
	Raise a mound of stone, 4 1/2 ft. base, 3 ft. high, W. of cor.
80.00	The 1/4 sec. cor. of secs. 21 and 28, hereinbefore described.
<hr/>	
	From the 1/4 sec. cor. of secs. 27 and 28, hereinbefore described.
	West, on the E. and W. center line of sec. 28.
	Across NE facing spurs and NE draining draws.
5.20	Right bank of the Tanner Wash, 2 ft. high, bears S. 20° E. and N. 20° W.
7.10	Left bank of the Tanner Wash, 2 ft. high, bears S. 5° E. and N. 5° W.

**Subdivision of Section 28,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona**

CHAINS	
12.20	Barbed wire fence, bears S. 30° E. and N. 30° W.
13.56	East edge of pavement, U.S. Highway No. 89, bears S. 30° E. and N. 30° W.
14.36	West edge of same.
15.70	Barbed wire fence, bears S. 30° E. and N. 30° W.
40.00	The center 1/4 sec. cor. of sec. 28.
80.00	The 1/4 sec. cor. of secs. 28 and 29, hereinbefore described.
<hr/> <p>Subdivision of Section 34, T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona</p> <hr/>	
	From the stan. 1/4 sec. cor. of sec. 34, on the S. bdy. of the Tp., hereinbefore described.
	N. 0°02' W., on the N. and S. center line of sec. 34.
	Over rolling and broken land.
7.23	Barbed wire fence, bears S. 35° E. and N. 35° W.
9.27	South edge of pavement, U.S. Highway No. 89, bears S. 35° E. and N. 35° W.
10.30	North edge of same.
12.35	Barbed wire fence, bears S. 35° E. and N. 35° W.
18.20	Left bank of the Tanner Wash, 2 ft. high, bears S. 75° E. and N. 75° W.
19.90	Right bank of the Tanner Wash, 2 ft. high, bears S. 75° E. and N. 75° W.
23.50	Power line, bears S. 20° E. and N. 20° W.
40.00	Point for the center 1/4 sec. cor. of sec. 34, at intersection with the E. and W. center line of sec. 34.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, in a collar of stone, with brass cap mkd.

Subdivision of Section 34,
T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 37 N R 7 E C 1/4 S 34
	2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
80.00	The 1/4 sec. cor. of secs. 27 and 34, hereinbefore described.
	<hr/>
	From the 1/4 sec. cor. of secs. 34 and 35, hereinbefore described.
	West, on the E. and W. center line of sec. 34.
	Over rolling and broken land.
40.00	The center 1/4 sec. cor. of sec. 34.
45.20	Power line, bears S. 20° E. and N. 20° W.
51.00	Right bank of the Tanner Wash, 2 ft. high, bears S. 65° E. and N. 65° W.
53.20	Left bank of the Tanner Wash, 2 ft. high, bears S. 50° E. and N. 50° W.
57.36	Barbed wire fence, bears S. 25° E. and N. 25° W.
58.72	East edge of pavement, U.S. Highway No. 89, bears S. 25° E. and N. 25° W.
59.40	West edge of same.
60.74	Barbed wire fence, bears S. 25° E. and N. 25° W.
80.00	The 1/4 sec. cor. of secs. 33 and 34, hereinbefore described.
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T. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS

 GENERAL DESCRIPTION

Township 37 North, Range 7 East is within the Navajo Indian Reservation. Echo Cliffs is the dominate topological feature, at points rising in excess of 1000 ft. above the valley floor, the direction of the cliffs is NNE and SSW through the southern 2/3 of the township, and thence in a NE and SW direction through the remaining portion of the Tp. The cliffs enter the township in section 35 on the south boundary of the township and exit in section 3, on the north boundary of the township.

Tanner Wash, U.S. Highway No. 89, a power line and an underground water line, generally run parallel to Echo Cliffs. Along the top of Echo Cliffs, juniper and pine timber is found, the rest of the surveyed area is nearly timber less. Sage and bunch grass is found throughout. The soils east of Tanner Wash are sandy, west of Tanner Wash is a thin layer of topsoil over limestone bedrock.

A housing tract in the NW 1/4 of section 9, includes about seventy five homes. A waste water treatment facility is located in the SW 1/4 of section 4. Numerous abandoned houses were found between Tanner Wash and the Echo Cliffs. Some cattle and sheep grazing was observed. Access is by way of U.S. Highway 89 and several graded roads.

The magnetic declination of 11 1/4° E. was derived from the National Oceanic and Atmospheric Administration, on line magnetic field calculator for a date of the survey.

CERTIFICATE OF SURVEY

I, Gordon R. Bubel, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 3rd day of May, 2012, and supplemental special instruction bearing date of the 7th of August 2012, I have surveyed a portion of the Ninth Standard Parallel North (south boundary), a portion of the north boundary, a portion of the subdivisional lines and subdivided certain sections, Township 37 North, Range 7 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 Instructions for the Survey of the Public Lands of the United States, 2009, and in specific manner described in the foregoing field notes.

JUNE 10, 2013

(Date)

Gordon R. Bubel

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the survey of a portion of the Ninth Standard Parallel North (south boundary), a portion of the north boundary, a portion of the subdivisional lines and the subdivision of certain sections, Township 37 North, Range 7 East, Gila and Salt River Meridian, in the State of Arizona, executed by Gordon R. Bubel, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

6/19/2013

(Date)

Stephan K. Hansen

(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. 37 N., R. 7 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~