

ORIGINAL

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

FIELD NOTES
OF THE
SURVEY OF A PORTION OF THE
SEVENTH STANDARD PARALLEL NORTH (SOUTH BOUNDARY),
THE EAST AND NORTH BOUNDARIES,
A PORTION OF THE SUBDIVISIONAL LINES,
THE SUBDIVISION OF CERTAIN SECTIONS
AND METES-AND-BOUNDS SURVEYS OF TRACTS 37 AND 38,
TOWNSHIP 29 NORTH, RANGE 21 EAST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA.

EXECUTED BY

Jones Curtiss and Fabian Yazzie, Cadastral Surveyors

Under Special Instructions dated May 20, 2010, approved May 20, 2010, which provided for the surveys included under Group No. 1081, and assignment instructions dated May 20, 2010 and October 12, 2010.

Survey commenced May 24, 2010

Survey completed December 8, 2010

INDEX DIAGRAM

Book 5948

TOWNSHIP 29 NORTH RANGE 21 EAST GILA & SALT RIVER MERIDIAN, ARIZONA

25 6 63	24 64 5	23 58 4	22 50 3	21 44 2	20 33 1 19
7 61 61	62 61 8	50 51 9	45 46 10	36 37 11	29 30 12 17
18	58 59 17 55	56 52 16 54	48 15	40 41 14	32 31 13 11
19	20	53 21	22	34 23	28 24 8
30	29	28	27	26	28 25 7
31	32	33	34	35 5	26 36 6 26 4

Subdivision of Section 1Pages 64-65
 Subdivision of Section 2Pages 65-66
 Subdivision of Section 3Pages 66-67
 Subdivision of Section 4Pages 67-68
 Subdivision of Section 5Pages 68-69
 Subdivision of Section 8Pages 69-70
 Subdivision of Section 9Pages 70-71
 Subdivision of Section 10Pages 71-73
 Subdivision of Section 11Pages 73-74
 Subdivision of Section 12Page 74
 Subdivision of Section 16Pages 75-76
 Subdivision of Section 17Pages 76-78
 Subdivision of Section 25Pages 78-80
 Subdivision of Section 36Pages 80-81
 Metes-and-Bounds Surveys of Tracts 37 an 38Pages 81-86

T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the Seventh Standard Parallel North (South Boundary), east and north boundaries, a portion of the subdivisional lines, the portion of subdivision of certain sections, and the metes-and-bounds surveys of Tract 37, and 38, Township 29 North, Range 21 East, Gila and Salt River Meridian, Arizona.

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

Shirley B. Hjellum, Marvin T. Koppang, and Kenneth A. Krenke surveyed Segment "C" of the Hopi-Navajo Partition Line, in 1978-81. William F. Olver and Daniel N. Patterson surveyed the Seventh Standard Parallel North (south boundary), Township 29 North, Range 24 East, in 1989. Leonard R. Sandoval surveyed the Fifth Guide Meridian East (east and south boundary), Township 31 North, Range 20 East, in 1999. Stephen K. Hansen surveyed the Seventh Standard Parallel North (north boundary), Township 28 North, Range 20 East, in 2000. Jones Curtiss surveyed the south and west boundaries of Township 31 North, Range 22 East, in 2000, and the south boundary, Township 31 North, Range 21 East, in 2001. Leonard R. Sandoval surveyed a portion of the Seventh Standard Parallel North (south boundary), Township 29 North, Range 23 East, in 2005. Joe R. Salazar surveyed a portion of the Fifth Guide Meridian East (east and south boundary), Township 30 North, Range 20 East, in 2008. Craig S. Dukart surveyed the Fifth Guide Meridian East (east boundary), Township 29 North, Range 20 East, in 2009.

The sinuosity's of mesa rims and other natural features are designated as the boundary of the Hopi-Navajo Partition Line, not the lines between the 1978 Angle Points, as indicated by the Mediator, and as described in the Public Law 93-531, dated December 22, 1974 (88 Stat. 1712) by Order of the United States District Court for the District of Arizona No. Civ. 579 Pct. (JAW) Judgment of Partition dated February 10, 1977.

There are some discrepancies between the lines of some Angle Points closed upon, and the fact that the 1978 surveyed line is not the boundary, it did not warrant any resurveying of the 1978 line. The ties reported in these notes for establishing the closing corners on the boundary section and subdivision of section lines constitutes the new record. The 1978 survey line is used only for calculating the area, as it is a meander line, the escarpment is the boundary.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions for the Survey of the Public Lands of the United States, 2009, and the Special Instructions dated May 20, 2010, for Group Number 1081, Arizona.

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

T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS

Geodetic control was derived from Global Positioning System (GPS) static observations post processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) NAU FLAGSTAFF, CITY OF PAGE, SPIDERROCKAZ2005, and KEAMS.

The NAD 83 (CORS96) (EPOCH: 2002), geographic position of the southeast corner of the Township, is as follows:

Latitude: 35°52'02.97" N. Longitude: 110°01'43.23" W.

The NAD 83 (CORS96) (EPOCH: 2002), geographic position of the northwest corner of the Township, is as follows:

Latitude: 35°57'16.16" N. Longitude: 110°08'08.00" W.

The mean magnetic declination is 10 3/4° E.

**Survey of a Portion of the Seventh Stan. Par. North (S. Bdy.),
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

Beginning at the point for the stan. cor. of Tps. 29 N., Rs. 21 and 22 E., established 880.03 chs. West of the stan. cor. of Secs. 35 and 36, Tp. 29 N., R. 23 E., monumented with a brass tablet, 3 1/8 ins. diam., firmly set in sandstone boulder, 3 x 2 x 2 ft., with top mkd. SC T29N R23E S35 S36 2005, add the marks 2010 to the brass cap.

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

SC	
T 29 N	
R 21 E	R 22 E
S 36	S 31

2010

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

Cor. is located on top of a small ridge, bears N. 40° E. and S. 40° W.

West, on the S. bdy. of sec. 36.

Over gently rolling land through scattered juniper.

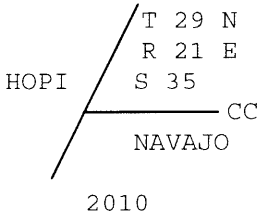
32.15

Trail road, bears N. 5° W. and S. 5° W.

Survey of a Portion of the Seventh Stan. Parallel North (S. Bdy.),
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.00	<p>Point for the stan. 1/4 sec. cor. of sec. 36.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">SC T 29 N R 21 E 1/4 S 36 ----- 2010</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>
64.50	Trail road, bears S. 15° W. and N. 5° E.
80.00	<p>Point for the stan. cor. of secs. 35 and 36.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">SC T 29 N R 21 E S 35 S 36 ----- 2010</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Land, rolling. Soil, sandy. Timber, juniper and piñon pine; undergrowth, sage and native grasses.</p> <hr/> <p>West, on the S. bdy. of sec. 35.</p> <p>Over gently rolling.</p>
0.40	Trail road, bears South and North.
3.13	<p>Point for the closing cor. of the S. bdy. of sec. 35., at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>

**Survey of a Portion of the Seventh Stan. Parallel North (S. Bdy.),
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	 <p style="text-align: center;">2010</p>
	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>
	<p>From this point, the stan. cor. of Tps. 29 N., Rs. 20 and 21 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, with a mound of stone, 2 1/2 ft. base, 2 1/2 ft. high, N. of cor., with brass cap mkd. SC T29N R20E R21E S31 S36 2000 2009, bears West, 396.87 chs. dist. Add the marks 2010 to the brass cap.</p>
	<p>From this same point, AP C-8, on the Hopi and Navajo Partition Line, Segment "C", monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above ground, in a concrete block at the base, 1 x 1 ft., with brass cap mkd. HOPI NAVAJO APC-8 1977, bears S. 25°52' W., 1.71 chs. dist. Add the marks 2010 to the brass cap.</p>
	<p>From this same point, AP C-9, on the Hopi and Navajo Partition Line, Segment "C", monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, in a concrete block at the base, 1 x 1 ft., with brass cap mkd. HOPI NAVAJO APC-9 1977, bears N. 25°52' E., 38.24 chs. dist. Add the marks 2010 to the brass cap.</p>
	<p>Land, rolling. Soil, sandy. Timber, juniper and piñon pine; undergrowth, sage and native grasses.</p>
	<hr/> <p align="center">Survey of the East Boundary, T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona</p> <hr/>
	<p>From the stan. cor. of Tps. 29 N., Rs. 21 and 22 E., hereinbefore described.</p>
	<p>North bet. secs. 36 and 31, on the E. bdy. of the Tp.</p>
38.45	<p>Trail road, bears N. 45° E. and S. 45° W.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 31 and 36.</p>
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>

Survey of the East Boundary,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

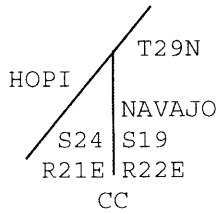
CHAINS	
	T 29 N R 21 E R 22 E 1/4 S 36 S 31 2010 Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
80.00	Point for the cor. of secs. 25, 30, 31 and 36. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 29 N R 21 E R 22 E S 25 S 30 S 36 S 31 2010 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Land, rolling. Soil, sandy. Timber, juniper and piñon pine; undergrowth, sage and native grasses.
40.00	<hr/> North, bet. secs. 25 and 30, on the E. bdy. of the Tp. Slight descent. Point for the 1/4 sec. cor. of secs. 25 and 30. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 29 N 1/4 R 21 E R 22 E S 25 S 30 2010 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Cor. is located on the N. slope of mesa among dense piñon pine and juniper.

Survey of the East Boundary,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS									
75.20	Rim, 60 ft. high, bears N. 85° E. and S. 85° W.								
80.00	Point for the cor. of secs. 19, 24, 25 and 30. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> <table border="1"> <tr><td colspan="2">T 29 N</td></tr> <tr><td>R 21 E</td><td>R 22 E</td></tr> <tr><td>S 24</td><td>S 19</td></tr> <tr><td>S 25</td><td>S 30</td></tr> </table> <p>2010</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Land, rolling to rugged. Soil, sandy. Timber, juniper and piñon pine; undergrowth, sage and native grasses.</p> <hr/> <p>North, bet. secs. 19 and 24, on the E. bdy. of the Tp. Descend into wooded valley.</p>	T 29 N		R 21 E	R 22 E	S 24	S 19	S 25	S 30
T 29 N									
R 21 E	R 22 E								
S 24	S 19								
S 25	S 30								
40.00	Point for the 1/4 sec. cor. of secs. 19 and 24. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> <table border="1"> <tr><td colspan="2">T 29 N</td></tr> <tr><td colspan="2">1/4</td></tr> <tr><td>R 21 E</td><td>R 22 E</td></tr> <tr><td>S 24</td><td>S 19</td></tr> </table> <p>2010</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>	T 29 N		1/4		R 21 E	R 22 E	S 24	S 19
T 29 N									
1/4									
R 21 E	R 22 E								
S 24	S 19								
51.15	Trail road, bears N. 40° E. and S. 40° W.								
51.78	Point for the closing cor., on the E. bdy. of sec. 24, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C". 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 East Boundary,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS



2010

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

Cor. is located 1 lk. W. of a barbed wire fence, 5 strand, bears North and South.

From this point, AP C-17, on the Hopi and Navajo Partition Line, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 1 in. above ground, in a concrete block at the base, 1 x 1 ft., with brass cap mkd. HOPI NAVAJO APC-17 1977, bears S. 33°14' W., 31.27 chs. dist. Add the marks 2010 to the brass cap.

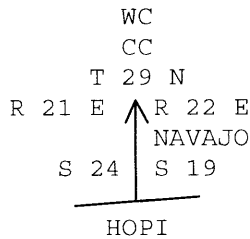
From this same point, AP C-18, on the Hopi and Navajo Partition Line, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, in a concrete block at the base, 1 x 1 ft., with brass cap mkd. HOPI NAVAJO APC-18 1977, bears N. 33°14' E., 12.82 chs. dist. Add the marks 2010 to the brass cap.

North, on a blank line, continuing measurement, bet. secs. 19 and 24.

73.33

Point selected for the witness cor. to the closing cor.

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



2010

Deposit a magnet, in a white plastic case, at the base of the brass tablet.

Cor. is located 30 lks. S. of mesa rim, 100 ft. high.

**Survey of the East Boundary,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

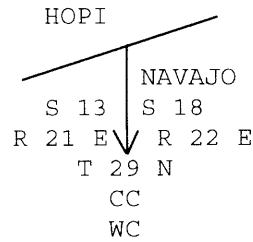
CHAINS									
74.19	<p>True point for the closing cor., on the E. bdy. of sec. 24, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Cor. point falls off the mesa rim, where it is impracticable to establish a permanent monument.</p> <p>From this cor. point, AP C-20, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, with a steel fence post set nearby, bears N. 84°39' E., 5.47 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over, from which the orig. bearing trees</p> <p style="padding-left: 40px;">A piñon, 7 ins. diam., bears S. 20° W., 21 lks. dist., with scribe marks APC 20 HIR BT visible on partially open blaze.</p> <p style="padding-left: 40px;">A dead standing piñon, 6 ins. diam., bears S. 56° W., 39 lks. dist., with scribe marks APC 20 HIR BT visible on partially open blaze. (Record: S. 59° W.)</p> <p>From this same cor. point, AP C-21, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, with a broken steel fence post at the base set nearby, bears S. 84°39' W., 4.63 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over, from which remaining bearing tree</p> <p style="padding-left: 40px;">A piñon, 8 ins. diam., bears West, 64 lks. dist., with scribe marks APC 21 HIR BT visible on partially open blaze.</p> <p>North, bet. secs. 19 and 24, on the E. bdy. of the Tp., across the canyon.</p>								
80.00	<p>Point for the cor. of secs. 13, 18, 19 and 24.</p> <p>Set a brass tablet, 3 1/2 ins. diam., 2 1/4 ins. stem, cemented in a drill hole, in solid sandstone rock, with top mkd.</p> <div style="text-align: center; margin: 20px 0;"> <table style="margin: auto; border-collapse: collapse;"> <tr> <td colspan="2" style="border: none;">T 29 N</td> </tr> <tr> <td style="border: none; padding: 0 10px;">R 21 E</td> <td style="border: none; padding: 0 10px;">R 22 E</td> </tr> <tr> <td style="border: none; padding: 0 10px;">S 13</td> <td style="border: none; padding: 0 10px;">S 18</td> </tr> <tr> <td style="border: none; padding: 0 10px;">S 24</td> <td style="border: none; padding: 0 10px;">S 19</td> </tr> </table> </div> <p style="text-align: center;">2010</p>	T 29 N		R 21 E	R 22 E	S 13	S 18	S 24	S 19
T 29 N									
R 21 E	R 22 E								
S 13	S 18								
S 24	S 19								

Survey of the East Boundary,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Deposit a magnet, in a white plastic case, at the base of the brass tablet.</p> <p>Cor. is located on a sandstone boulder, 3 x 6 x 6 ft.</p> <p>Land, rugged canyon along the escarpment. Soil, sand and sandstone. Timber, juniper and piñon pine; undergrowth, sage and native grasses.</p> <hr/> <p>North bet. secs. 13 and 18, on the E. bdy. of the Tp.</p> <p>Ascend across the canyon valley.</p>
3.01	<p>True point for the closing cor., on the E. bdy. of sec. 13, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Cor. point falls off the mesa rim, where it is impracticable to establish a permanent monument.</p> <p>From this cor. point, AP C-23, on the Hopi and Navajo Partition Line, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, in sandstone bedrock, with brass cap mkd. HOPI NAVAJO APC-23 1978, bears S. 48°10' W., 3.94 chs. dist., add the marks 2010 to the brass cap, from which the orig. bearing trees</p> <p style="padding-left: 40px;">A dead standing piñon, 8 ins. diam., bears S. 20° E., 58 lks. dist., with scribe marks APC 23 HIR BT visible on partially open blaze. (Record: S. 21° E., 59 lks.)</p> <p style="padding-left: 40px;">A juniper, 8 ins. diam., bears S. 87° W., 40.5 lks. dist., with scribe marks APC 23 HIR BT visible on partially open blaze.</p> <p>From this same cor. point, AP C-24, on the Hopi and Navajo Partition Line, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, in sandstone bedrock, with brass cap mkd. HOPI NAVAJO APC-24 1978, bears N. 48°10' E., 1.91 chs. dist., add the marks 2010 to the brass cap.</p> <p>North, on a blank line, continuing same measurement, bet. secs. 13 and 18.</p>
4.11	<p>Point selected for the witness cor. to the closing cor.</p> <p>Set a brass tablet, 3 1/2 ins. diam., 2 1/4 ins. stem, cemented in a drill hole, in solid sandstone rock, with top mkd.</p>

Survey of the East Boundary,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS



2010

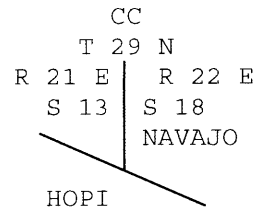
Deposit a magnet, in a white plastic case, at the base of the brass tablet.

Cor. is located 30 lks. N. of mesa rim, 60 ft. high.

14.20

Point for the closing cor., on the E. bdy. of sec. 13, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".

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



2010

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

From this point, AP C-25, on the Hopi and Navajo Partition Line, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, in sandstone bedrock, with a steel fence post set nearby, with brass cap mkd. HOPI NAVAJO APC-25 1978, bears S. 58°58' E., 1.42 chs. dist. Add the marks 2010 to the brass cap, from which the orig. bearing trees

A juniper, 10 ins. diam., bears S. 38° W., 57 lks. dist., with scribe marks APC 25 HIR BT visible on partially open blaze. (Record: S. 44° W.)

A juniper, 11 ins. diam., bears N. 70° W., 59 lks. dist., with scribe marks APC 25 HIR BT visible on partially open blaze. (Record: N. 73° W., 58.5 lks.)

**Survey of the East Boundary,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>From this same point, AP C-26, on the Hopi and Navajo Partition Line, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, in sandstone bedrock, with brass cap mkd. HOPI NAVAJO APC-26 1978, bears N. 58°58' W., 5.42 chs. dist. Add the marks 2010 to the brass cap, from which the orig. bearing tree</p> <p style="padding-left: 40px;">A juniper, 12 ins. diam., bears West, 44 lks. dist., with scribe marks APC 26 HIR BT visible on partially open blaze. (Record: S. 88° W., 43.5 lks.)</p> <p>North, bet. secs. 13 and 18, on the E. bdy. of the Tp., across the canyon.</p>
14.60	Rim, 20 ft. high, bears N. 55° W. and S. 55° E.
17.14	<p>True point for the closing cor., on the E. bdy. of sec. 13, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Cor. point falls off the mesa rim, where it is impracticable to establish a permanent monument.</p> <p>From this cor. point, AP C-27, on the Hopi and Navajo Partition Line, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, under 1 ft. of Soil, in sandstone bedrock, with a steel fence post set nearby, with brass cap mkd. HOPI NAVAJO APC-27 1977, bears N. 71°07' W., 9.42 chs. dist., add the marks 2010 to the brass cap.</p> <p>From this same cor. point, AP C-28, on the Hopi and Navajo Partition Line, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, in sandstone bedrock, with brass cap mkd. HOPI NAVAJO APC-28 1978, bears S. 71°07' E., 9.79 chs. dist., add the marks 2010 to the brass cap, from which the orig. bearing tree</p> <p style="padding-left: 40px;">A piñon, 7 ins. diam., bears N. 76° W., 24 lks. dist., with scribe marks APC 28 HIR BT visible on partially open blaze. (Record: N. 70° W.)</p>
18.09	<p>Point selected for the witness cor. to the closing cor.</p> <p>Set a brass tablet, 3 1/2 ins. diam., 2 1/4 ins. stem, cemented in a drill hole, in solid sandstone rock, with top mkd.</p>

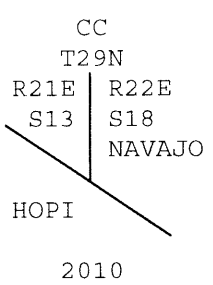
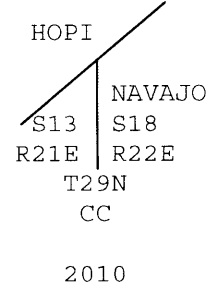
Survey of the East Boundary,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Deposit a magnet, in a white plastic case, at the base of the brass tablet.</p> <p>North, on a blank line, bet. secs. 13 and 18.</p>
23.92	<p>True point for the closing cor., on the E. bdy. of sec. 13, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Cor. point falls off the mesa rim, where it is impracticable to establish a permanent monument.</p> <p>From this cor. point, AP C-29, on the Hopi and Navajo Partition Line, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, in sandstone bedrock, with a steel fence post set nearby, with brass cap mkd. HOPI NAVAJO APC-29 1978, bears S. 64°34' E., 12.66 chs. dist., add the marks 2010 to the brass cap.</p> <p>From this same cor. point, AP C-30, on the Hopi and Navajo Partition Line, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, in sandstone bedrock, with a steel fence post set nearby, with brass cap mkd. HOPI NAVAJO APC-30 1978, bears N. 64°34' W., 4.24 chs. dist., add the marks 2010 to the brass cap, from which the orig. bearing trees</p> <p style="padding-left: 40px;">A juniper, 10 ins. diam., bears S. 66° W., 15 lks. dist., with scribe marks APC 30 HIR BT visible on partially open blaze. (Record: S. 63° W.)</p> <p style="padding-left: 40px;">A juniper, 14 ins. diam., bears N. 20° W., 56 lks. dist., with scribe marks APC 30 HIR BT visible on partially open blaze. (Record: N. 24° W., 55.5 lks.)</p>
24.13	<p>Point selected for the witness cor. to the closing cor.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>

Survey of the East Boundary,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
30.03	<div style="text-align: center;"> <p style="margin-top: 10px;">Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>North, bet. secs. 13 and 18, on the E. bdy. of the Tp., across the canyon.</p> <p>Point for the closing cor., on the E. bdy. of sec. 13, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> </div>
30.60	<div style="text-align: center;"> <p style="margin-top: 10px;">Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>From this point, AP C-30, on the Hopi and Navajo Partition Line, hereinbefore described, bears S. 41°47' W., 5.75 chs. dist.</p> <p>From this same point, AP C-31, on the Hopi and Navajo Partition Line, monumented with an iron post, 2 1/2 ins. diam., firmly set, in concrete block, 1 x 1 x 1 ft., projecting 4 ins. above concrete block, with brass cap mkd. HOPI NAVAJO APC-31 1977, bears N. 41°47' E., 33.2 lks. dist., add the marks 2010 to the brass cap.</p> <p>North, on a blank line, continuing same measurement, bet. secs. 13 and 18.</p> <p>Point for the closing cor., on the E. bdy. of sec. 13, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> </div>

Survey of the East Boundary,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Set a brass tablet, 3 1/2 ins. diam., 2 1/4 ins. stem, cemented in a drill hole, in solid sandstone rock, with top mkd.</p> <div style="text-align: center;">  </div> <p>Deposit a magnet, in a white plastic case, at the base of the brass tablet.</p> <p>From this point, AP C-31, on the Hopi and Navajo Partition Line, hereinbefore described, bears S. 34°39' E., 38.8 lks. dist.</p> <p>From this same point, AP C-32, on the Hopi and Navajo Partition Line, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, in sandstone bedrock, with brass cap mkd. APC-32 NAVAJO HOPI 1978, bears N. 34°39' W., 3.40 chs. dist., build a mound of stone, 1 ft. base, 1 ft. high, N. of cor., add the marks 2010 to the brass cap.</p>
31.60	<p>South Rim, 50 ft. high, bears S. 40° E. and N. 40° W.</p>
	<p>North, bet. secs. 13 and 18, on the E. bdy. of the Tp., across the canyon.</p>
34.30	<p>North Rim, 25 ft. high, bears S. 50° E. and N. 50° W.</p>
36.05	<p>Point for the closing cor., on the E. bdy. of sec. 13, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p>
	<p>Set a brass tablet, 3 1/2 ins. diam., 2 1/4 ins. stem, cemented in a drill hole in solid sandstone rock, with top mkd.</p> <div style="text-align: center;">  </div> <p>Deposit a magnet, in a white plastic case, at the base of the brass tablet.</p>

**Survey of the East Boundary,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS	<p>From this point, AP C-32, on the Hopi and Navajo Partition Line, hereinbefore described, bears S. 36°02' W., 3.28 chs. dist.</p> <p>From this same point, AP C-33 on the Hopi and Navajo Partition Line, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, in sandstone bedrock, with a steel fence post set nearby, with brass cap mkd. HOPI APC-33 NAVAJO 1978, bears N. 36°02' E., 66.6 lks. dist., add the marks 2010 to the brass cap, from which the orig. bearing trees</p> <p style="padding-left: 40px;">A juniper, 13 ins. diam., bears N. 66° W., 20 lks. dist., with scribe marks X BT visible on partially open blaze. (Record: N. 70° W.)</p> <p style="padding-left: 40px;">A piñon, 8 ins. diam., bears North, 14 lks. dist., with scribe marks X BT visible on partially open blaze. (Record: N. 3° W., 12.5 lks.)</p> <p>North, on a blank line, continuing same measurement, bet. secs. 13 and 18.</p>								
80.00	<p>Point for the cor. of secs. 7, 12, 13 and 18, monument not set, cor. falls on the Hopi Indian Reservation.</p> <p>Land, rugged canyon along the escarpment. Soil, sand and sandstone. Timber, juniper and piñon pine; undergrowth, sage and native grasses.</p> <hr style="width: 80%; margin: 10px auto;"/> <p>From the point for the cor. of secs. 1, 6, 7 and 12, established at 400.00 chs. North of the standard cor. of Tps. 29 N., Rs. 21 and 22 E.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="margin: auto; border-collapse: collapse;"> <tr> <td colspan="2" style="padding: 0 10px;">T 29 N</td> </tr> <tr> <td style="padding: 0 5px;">R 21 E</td> <td style="border-left: 1px solid black; padding: 0 5px;">R 22 E</td> </tr> <tr> <td style="padding: 0 5px;">S 1</td> <td style="border-left: 1px solid black; padding: 0 5px;">S 6</td> </tr> <tr style="border-top: 1px solid black;"> <td style="padding: 0 5px;">S 12</td> <td style="border-left: 1px solid black; padding: 0 5px;">S 7</td> </tr> </table> </div> <p style="text-align: center; margin: 5px 0;">2010</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>South, bet. secs. 7 and 12, on the E. bdy. of the Tp.</p> <p>Slight ascent, over rolling land.</p>	T 29 N		R 21 E	R 22 E	S 1	S 6	S 12	S 7
T 29 N									
R 21 E	R 22 E								
S 1	S 6								
S 12	S 7								
9.65	<p>Graded road, 22 ft. wide, bears S. 80° E. and N. 80° W.</p>								

Survey of the East Boundary,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.00	<p>Point for the 1/4 sec. cor. of secs. 7 and 12.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 29 N 1/4 R 21 E R 22 E S 12 S 7</p> <p>2010</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>
70.86	<p>Point for the closing cor., on the E. bdy. of sec. 12, established at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 29 N R 21 E R 22 E CC S 12 S 7 NAVAJO</p> <hr style="width: 10%; margin: 0 auto;"/> <p>HOPI</p> <p>2010</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>From this point, AP C-45, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, with a steel fence post set nearby, bears S. 84°34' E., 3.72 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over, from which the orig. bearing tree</p> <p style="text-align: center;">A piñon, 4 ins. diam., bears S. 1° W., 13 lks. dist., with scribe marks X BT visible on partially open blaze.</p>

Survey of the East Boundary,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From this same point, AP C-46, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, with a steel fence post set nearby, bears N. 84°34'W., 1.93 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over, from which the remaining bearing tree</p> <p style="padding-left: 40px;">A forked piñon, 4 ins. diam., bears S. 63° E., 24 lks. dist., with scribe marks X BT visible on partially open blaze. (Record: S. 61° E.)</p> <p>From this same point, an open-end iron pipe, 2 1/2 ins. diam., firmly set, projecting 14 ins. above ground, in a mound of concrete stone, 2 ft. base, 2 ins. high, with no marks, bears S. 70°18' E., 2.57 chs. dist.</p> <p>From this same point, an open-end iron pipe, 2 1/2 ins. diam., firmly set, projecting 13 ins. above ground, with a bent steel fence post set nearby, with no marks, bears S. 58°47' W., 2.21 chs. dist.</p>
80.00	<p>Point for the cor. of secs. 7, 12, 13 and 18, hereinbefore described.</p> <p>Land, rolling to rocky ascent. Soil, sandy to sandstone. Timber, juniper and piñon pine; undergrowth, sage and native grasses.</p> <hr style="width: 80%; margin: 10px auto;"/> <p>From the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the Tp. North, bet. secs. 1 and 6.</p> <p>Over gently rolling land.</p>
38.68	<p>Trail road, bears S. 35° E and N. 35° W.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 1 and 6.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin-top: 20px;"> <p>T 29 N 1/4 R 21 E R 22 E S 1 S 6</p> <p>2010</p> </div>

**Survey of the East Boundary,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS											
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.										
61.60	S. bank of Chizzi Wash, 15 ft. high, bears East and West.										
63.00	N. bank of Chizzi Wash, 15 ft. high, bears S. 80° E. and N. 80° W.										
80.00	Point for the cor. of Tps. 29 and 30 N., Rs. 21 and 22 E.										
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.										
	<table style="margin: auto; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">T 30 N</td> </tr> <tr> <td style="text-align: center;">R 21 E</td> <td style="text-align: center;">R 22 E</td> </tr> <tr> <td style="text-align: center;">S 36</td> <td style="text-align: center;">S 31</td> </tr> <tr> <td style="text-align: center;">S 1</td> <td style="text-align: center;">S 6</td> </tr> <tr> <td colspan="2" style="text-align: center;">T 29 N</td> </tr> </table>	T 30 N		R 21 E	R 22 E	S 36	S 31	S 1	S 6	T 29 N	
T 30 N											
R 21 E	R 22 E										
S 36	S 31										
S 1	S 6										
T 29 N											
	2010										
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.										
	From this cor. point, the cor. of Tps. 30 and 31 N., Rs. 21 and 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. T31N R21E R22E S36 S31 S1 S6 T30N 2000, bears North, 480.02 chs. dist.										
	Add the marks 2010 to the brass cap.										
	Land, rolling. Soil, sandy. No timber, sage and native grasses.										
	<hr/> <p style="text-align: center;">Survey of the North Boundary, T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona</p> <hr/>										
	From the cor. of Tps. 29 and 30 N., Rs. 21 and 22 E., hereinbefore described.										
	West, bet. secs. 1 and 36, on the N. bdy. of the Tp.										
35.90	Trail road, bears S. 30° E. and N. 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., 24 ins. in the ground, with brass cap mkd.										

Survey of the North Boundary,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 30 N R 21 E S 36 1/4 ——— S 1 T 29 N 2010
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
48.50	Wash, 15 ft. wide, 20 ft. deep, drains S. 35° W.
80.00	Point for the cor. of secs. 1, 2, 35 and 36.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 30 N R 21 E S 35 S 36 ———+——— S 2 S 1 T 29 N 2010
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Land, rolling. Soil, sandy. Vegetation, sage and native grasses.
	West, bet. secs. 2 and 35, on the N. bdy. of the Tp.
40.00	Point for the 1/4 sec. cor. of secs. 2 and 35.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 30 N R 21 E S 35 1/4 ——— S 2 T 29 N 2010
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
41.35	BIA Route N67, a graded road, 20 ft. wide, bears N. 70° E. and S. 70° W.

Survey of the North Boundary,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS											
48.40	Underground water line, bears N. 65° E. and S. 65° W.										
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., 24 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> <table style="margin: auto;"> <tr><td>T 30 N</td><td>R 21 E</td></tr> <tr><td>S 34</td><td>S 35</td></tr> <tr><td>S 3</td><td>S 2</td></tr> <tr><td colspan="2">T 29 N</td></tr> </table> <p>2010</p> </div> Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Land, rolling. Soil, sandy. Vegetation, sage and native grasses. <hr/>	T 30 N	R 21 E	S 34	S 35	S 3	S 2	T 29 N			
T 30 N	R 21 E										
S 34	S 35										
S 3	S 2										
T 29 N											
40.00	West, bet. secs. 3 and 34, on the N. bdy. of the Tp. 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, with brass cap mkd. <div style="text-align: center;"> <table style="margin: auto;"> <tr><td>T 30 N</td><td>R 21 E</td></tr> <tr><td>S 34</td><td></td></tr> <tr><td>1/4</td><td>—</td></tr> <tr><td>S 3</td><td></td></tr> <tr><td colspan="2">T 29 N</td></tr> </table> <p>2010</p> </div> Deposit a magnet, in a white plastic case, at the base of the stainless steel post.	T 30 N	R 21 E	S 34		1/4	—	S 3		T 29 N	
T 30 N	R 21 E										
S 34											
1/4	—										
S 3											
T 29 N											
40.10	Trail road, bears N. 45° E. and S. 45° W.										
42.35	Trail road, bears N. 15° E. and S. 15° W.										
59.05	Trail road, bears N. 5° E. and S. 5° W.										
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., 24 ins. in the ground, with brass cap mkd.										

Survey of the North Boundary,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 30 N R 21 E S 33 S 34 S 4 S 3 T 29 N 2010
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Land, rolling. Soil, sandy. Vegetation, sage and native grasses.
	West, bet. secs. 4 and 33, on the N. bdy. of the Tp.
33.35	Trail road, bears N. 25° E. and S. 25° W.
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., 24 ins. in the ground, with brass cap mkd.
	T 30 N R 21 E S 33 1/4 ——— S 4 T 29 N 2010
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
75.05	Trail road, bears N. 30° E. and S. 30° W.
80.00	Point for the cor. of secs. 4, 5, 32 and 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 30 N R 21 E S 32 S 33 S 5 S 4 T 29 N 2010
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Survey of the North Boundary,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Cor. is located in a small rock outcrop among juniper and piñon.</p> <p>Land, rolling. Soil, sandy. Timber, juniper and piñon; undergrowth, sage and native grasses.</p> <hr/> <p>West, bet. secs. 5 and 32, on the N. bdy. of the Tp.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 5 and 32.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 30 N R 21 E S 32 1/4 ——— S 5 T 29 N</p> <p>2010</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>
41.45	Power line, 4 wire, bears S. 35° E. and N. 35° W.
56.50	Graded road, 20 ft. wide, bears S. 30° E. and N. 30° W.
74.95	Trail road, bears S. 5° E. and N. 5° W.
80.00	<p>Point for the cor. of secs. 5, 6, 31 and 32.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 30 N R 21 E S 31 S 32 S 6 S 5 T 29 N</p> <p>2010</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>From this cor. point, the pump shaft of a windmill, bears S. 30°29' W., 5.42 chs. dist.</p> <p>Land, rolling to near level. Soil, sandy. Vegetation, sage and native grasses.</p> <hr/>

**Survey of the North Boundary,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS

West, bet. secs. 6 and 31, on the N. bdy. of the Tp.

35.25

Point for the closing cor., on the N. bdy. of sec. 6, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".

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

T 30 N	
R 21 E	
S 31	
HOPI	CC
S 6	
NAVAJO	
T 29 N	

2010

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

Cor. is located on the E. bank of Chizzi Wash, 20 ft. high, bears S. 45° E. and N. 45° W.

From this point, the cor. of Tps. 29 and 30 N., Rs. 20 and 21 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 1 in. above ground, with a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor., with brass cap mkd. T30N R20E R21E S36 S31 S1 S6 T29N 2008 2009, bears West, 44.22 chs. dist., add the marks 2010 to the brass cap.

From this same point, AP C-183, on the Hopi and Navajo Partition Line, monumented with an iron post, 2 1/2 ins. diam., firmly set, flush with the surface of the ground, with brass cap mkd. APC-183 NAVAJO HOPI 1978, bears South, 17.38 chs. dist., add the marks 2010 to the brass cap. Cor. is located along barbed wire fence, 5 strand, bears N. and S.

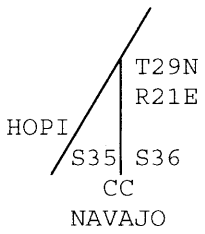
From this same point, AP C-184, on the Hopi and Navajo Partition Line, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. APC-184 NAVAJO HOPI 1978, bears North, 22.73 chs. dist., add the marks 2010 to the brass cap. Cor. is located along barbed wire fence, 5 strands, bears N. and S.

Land, near level.

Soil, sandy.

Vegetation, sage and native grasses.

**Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS	
6.46	<p>From the stan. cor. of secs. 35 and 36, on the Seventh Stan. Par. North (S. bdy.), hereinbefore described.</p> <p>N. 0°01' W., bet. secs. 35 and 36.</p> <p>Over gently rolling land.</p> <p>Point for the closing cor. of secs. 35 and 36, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;">  <p>2010</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>From this point, AP C-8, on the Hopi and Navajo Partition Line, hereinbefore described, bears S. 25°52' W., 8.89 chs. dist.</p> <p>From this same point, AP C-9, on the Hopi and Navajo Partition Line, hereinbefore described, bears N. 25°52' E., 31.06 chs. dist.</p> <p>Cor. is located along barbed wire fence, 5 strand, bears N. 25° E. and S. 25° W.</p> <p>Land, rolling. Soil, sandy. Timber, juniper and piñon pine; undergrowth, sage and native grasses.</p> <hr/> <p>From the cor. of secs. 25, 30, 31, and 36 on the E. bdy. of the Tp., hereinbefore described.</p> <p>West, bet. secs. 25 and 36, over rolling wooded land.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 25 and 36.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>

Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	<p style="text-align: center;">T 29 N R 21 E S 25 1/4 ——— S 36</p> <p style="text-align: center;">2010</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>40.20 Trail road, bears S. 30° E. and N. 30° W.</p> <p>44.75 Trail road, bears N. 40° E. and S. 40° W.</p> <p>55.80 Trail road, bears S. 5° E. and N. 5° W.</p> <p>59.61 Point for the closing cor. of secs. 25 and 36, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <table style="border-collapse: collapse; margin: auto;"> <tr><td style="border-right: 1px solid black; padding-right: 5px;">T 29 N</td><td></td></tr> <tr><td style="border-right: 1px solid black; padding-right: 5px;">R 21 E</td><td></td></tr> <tr><td style="border-right: 1px solid black; padding-right: 5px;">S 25</td><td></td></tr> <tr><td style="border-right: 1px solid black; padding-right: 5px;">HOPI</td><td style="border-left: 1px solid black; padding-left: 5px;">CC</td></tr> <tr><td style="border-right: 1px solid black; padding-right: 5px;"></td><td style="border-left: 1px solid black; padding-left: 5px;">S 36</td></tr> <tr><td style="border-right: 1px solid black; padding-right: 5px;"></td><td style="border-left: 1px solid black; padding-left: 5px;">NAVAJO</td></tr> </table> <p style="text-align: center;">2010</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>From this point, AP C-11, on the Hopi and Navajo Partition Line, monumented with an open-end iron post, 2 1/2 ins. diam., firmly set, flush with the surface of the ground, bears S. 1°17' W., 12.62 chs. dist. Cor. is located along barbed wire fence, 5 strand, bears N. and S.</p> <p>From this same point, AP C-12, on the Hopi and Navajo Partition Line, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, in a concrete block at the base, 1 x 1 ft., with damaged brass cap mkd. HOPI NAVAJO APC-12 1977, bears N. 1°17' E., 14.10 chs. dist. Add the marks 2010 to the brass cap.</p> <p>Land, rolling. Soil, sandy. Timber, juniper and piñon pine; undergrowth, sage and native grasses.</p> <hr style="width: 80%; margin-left: 0;"/>	T 29 N		R 21 E		S 25		HOPI	CC		S 36		NAVAJO
T 29 N													
R 21 E													
S 25													
HOPI	CC												
	S 36												
	NAVAJO												

**Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	From the cor. of secs. 19, 24, 25, and 30 on the E. bdy. of the Tp., hereinbefore described.
	West, bet. secs. 24 and 25, over rolling wooded land.
3.60	Rim, 60 ft. high, bears S. 60° E. and N. 60° W.
21.50	Trail road, bears N. 20° E. and S. 20° W.
22.77	Point for the closing cor. of secs. 24 and 25, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	<p style="text-align: center;">2010</p>
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	From this point, AP C-15, on the Hopi and Navajo Partition Line, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above ground, in concrete block at the base, 1 x 1 ft., with brass cap mkd. HOPI NAVAJO APC-15 1977, bears S. 28°05' W., 8.23 chs. dist., add the marks 2010 to the brass cap. Cor. is located along barbed wire fence, 5 strands, bears NE and SW.
	From this same point, AP C-16, on the Hopi and Navajo Partition Line, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, in concrete block at the base, 1 x 1 ft., with brass cap mkd. HOPI NAVAJO APC-16 1977, bears N. 28°05' E., 6.27 chs. dist., add the marks 2010 to the brass cap.
	Land, rugged to rolling. Soil, sandstone to sandy. Timber, juniper and piñon pine; undergrowth, sage and native grasses.
	From the cor. of secs. 13, 18, 19, and 24 on the E. bdy. of the Tp., hereinbefore described.
	West, bet. secs. 13 and 24, ascend the NE mesa slope.

**Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS	
2.35	<p>True point for the closing cor. of secs. 13 and 24, at the intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Cor. point falls off the mesa rim, where it is impracticable to establish a permanent monument.</p> <p>From this cor. point, AP C-22, on the Hopi and Navajo Partition Line, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, in sandstone bedrock, with brass cap mkd. HOPI NAVAJO APC-22 1978, bears S. 57°24' E., 2.74 chs. dist., add the marks 2010 to the brass cap, from which the orig. bearing trees</p> <p style="padding-left: 40px;">A juniper, 19 ins. diam., bears S. 23° W., 42 lks. dist., with scribe marks APC 22 NIR BT visible on partially open blaze. (Record: S. 42 1/2° W.)</p> <p style="padding-left: 40px;">A juniper, 17 ins. diam., bears N. 53° W., 66 lks. dist., with scribe marks APC 22 NIR BT visible on partially open blaze. (Record: N. 53 1/2° W., 64.5 lks.)</p> <p>From this same cor. point, AP C-23, on the Hopi and Navajo Partition Line, hereinbefore described, bears N. 57°24' W., 69.7 lks. dist.</p>
3.09	<p>Point selected for the witness cor. to the closing cor.</p> <p>Set a brass tablet, 3 1/2 ins. diam., 2 1/4 ins. stem, cemented in a drill hole, in solid sandstone rock, with top mkd.</p> <div style="text-align: center; margin: 20px 0;"> <p style="margin: 0;">WC T 29 N R 21 E NAVAJO S13 HOPI → CC S24 2010</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the brass tablet.</p> <p>Cor. is located 30 lks. W. of mesa rim, 40 ft. high.</p> <hr/> <p>From the cor. of secs. 1, 6, 7, and 12 on the E. bdy. of the Tp., hereinbefore described.</p> <p>West, bet. secs. 1 and 12, over gently rolling land.</p>
6.50	Trail road, bears N. 5° E. and S. 5° W.
40.00	Point for the 1/4 sec. cor. of secs. 1 and 12.

Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">T 29 N R 21 E S 1 1/4 ——— S 12 2010</p>
	<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. 1, 2, 11 and 12.</p>
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">T 29 N R 21 E S 2 S 1 ——— ——— S 11 S 12 2010</p>
	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>
	<p>Set a steel fence post nearby.</p>
	<p>Land, rolling. Soil, sandy. Timber, juniper and piñon; undergrowth, sage and native grasses, .</p>
	<hr/> <p>S. 0°01' E., bet. secs. 11 and 12, over rolling land.</p>
7.00	<p>Trail road, bears S. 60° E. and N. 60° W.</p>
9.40	<p>BIA Route N8059, a graded road, 26 ft. wide, bears N. 85° W. and S. 85° E.</p>
11.05	<p>Power line, 2 wire, bears S. 85° E. and N. 85° W.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 11 and 12.</p>
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>

Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 29 N R 21 E 1/4 S 11 S 12 2010
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
80.00	Point for the cor. of secs. 11, 12, 13 and 14.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 29 N R 21 E S 11 S 12 S 14 S 13 2010
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Land, rolling. Soil, sandy. Timber, sparse juniper and piñon; undergrowth, sage and native grasses.
	S. 0°01' E., bet. secs. 13 and 14, over rolling land, ascending gently.
40.00	Point for the 1/4 sec. cor. of secs. 13 and 14.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 29 N R 21 E 1/4 S 14 S 13 2010
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
68.53	Point for the closing cor. of secs. 13 and 14, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".
	Set a brass tablet, 3 1/2 ins. diam., 2 1/4 ins. stem, cemented in a drill hole in solid sandstone rock, with top mkd.

Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">T 29 N R 21 E CC S 14 S 13 HOPI NAVAJO 2010</p>
	<p>Deposit a magnet, in a white plastic case, at the base of the brass tablet.</p> <p>From this point, AP C-60, on the Hopi and Navajo Partition Line, monumented with brass tablet, 3 1/4 ins. diam., firmly set, flush in sandstone bedrock, mkd. NAVAJO HOPI APC-60 1978, bears S. 67°42' E., 7.29 chs. dist., add the marks 2010 to the brass cap.</p> <p>From this same point, AP C-61, on the Hopi and Navajo Partition Line, monumented with an drill hole, 1 in. diam., in sandstone bedrock, bears N. 67°42' W., 22.6 lks. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole, to 8 ins. deep, deposit a magnet, in a white plastic case in the drill hole, concrete over, from which the orig. bearing tree</p> <p style="padding-left: 40px;">A piñon stump, 16 ins. diam., bears S. 70° E., 21 lks. dist., with scribe marks APC 61 HIR BT visible on partially open blaze on loose lying piñon laying alongside.</p> <p>S. 0°01' E., bet. secs. 13 and 14, on a blank line, continuing same measurement.</p>
80.00	<p>Point for the cor. of secs. 13, 14, 23 and 24, on Hopi Indian Reservation, not monumented.</p> <p>From this cor. the standard cor. of secs. 35 and 36 bears S. 0°01' E., 240.00 chs. dist., hereinbefore described.</p> <hr/> <p>From the cor. of secs. 11, 12, 13, and 14.</p> <p>East, bet. secs. 12 and 13, over rolling land along the gentle N. mesa slope.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 12 and 13.</p>

Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 29 N R 21 E S 12 1/4 ——— S 13</p> <p style="text-align: center;">2010</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>
63.46	<p>Point for the closing cor. of secs. 12 and 13, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Set a brass tablet, 3 1/2 ins. diam., 2 1/4 ins. stem, cemented in a drill hole, in solid sandstone rock, with top mkd.</p> <p style="text-align: center;">T29N R21E S 12 CC ——— HOPI S 13 NAVAJO</p> <p style="text-align: center;">2010</p> <p>Deposit a magnet, in a white plastic case, at the base of the brass tablet.</p> <p>From this point, AP C-47, on the Hopi and Navajo Partition Line, monumented with brass tablet, 3 1/4 ins. diam., firmly set, flush in sandstone bedrock, with a steel fence post set nearby, mkd. NAVAJO HOPI APC-47 1978, bears N. 14°21' E., 87.2 lks. dist., add the marks 2010 to the brass cap.</p> <p>From this same point, AP C-48, on the Hopi and Navajo Partition Line, monumented with an drill hole, 1 in. diam., in sandstone bedrock, with a steel fence post set nearby, bears S. 14°21' W., 4.07 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole, to 8 ins. deep, deposit a magnet, in a white plastic case in the drill hole, concrete over, from which the orig. bearing tree</p> <p style="padding-left: 40px;">A dead standing piñon, 9 ins. diam., bears S. 41° W., 45 lks. dist., with scribe marks APC 48 HIR BT visible on partially open blaze.</p> <hr style="width: 60%; margin-left: 0;"/> <p>From the cor. of secs. 1, 2, 11, and 12.</p> <p>N. 0°1' W., bet. secs. 1 and 2, over rolling land.</p>

Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS																			
32.30	Chizzi Wash, 30 ft. wide, 15 ft. deep, drains S. 75° W.																		
40.00	<p>True point for the 1/4 sec. cor. of secs. 1 and 2, falls in Chizzi Wash, where it is impracticable to establish a permanent monument. Deposit a magnet, in a white plastic case, 24 ins. in the ground.</p> <p>from which</p> <p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 45°00' E., 60.0 ft. dist., with brass cap mkd. RM T29N R21E 1/4 S1 60.0 FT TO COR 2010, and an arrow pointing to the cor. Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears N. 45°00' W., 80.0 ft. dist., with brass cap mkd. RM T29N R21E 1/4 S2 80.0 FT TO COR 2010, and an arrow pointing to the cor. Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>																		
40.10	Chizzi Wash, 20 ft. wide, 20 ft. deep, drains West.																		
80.00	<p>The cor. of secs. 1, 2, 35, and 36, on the N. bdy. of the Tp., hereinbefore described.</p> <p>Land, rolling. Soil, sandy clay. Timber, juniper and piñon; undergrowth, sage and native grasses.</p> <hr/> <p>From the point for the cor. of secs. 13, 14, 23 and 24, hereinbefore described.</p> <p>West, on a blank line, bet. secs. 14 and 23.</p>																		
3.52	<p>Point for the closing cor. of secs. 14 and 23, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in sandstone bedrock, encircled with a collar of stone, with brass cap mkd.</p> <div style="text-align: center; margin-top: 20px;"> <table style="border-collapse: collapse; margin: auto;"> <tr> <td style="padding: 2px;">T 29 N</td> <td style="border-left: 1px solid black; padding: 2px;"></td> <td></td> </tr> <tr> <td style="padding: 2px;">R 21 E</td> <td style="border-left: 1px solid black; padding: 2px;"></td> <td></td> </tr> <tr> <td style="padding: 2px;">S 14</td> <td style="border-left: 1px solid black; padding: 2px;"></td> <td></td> </tr> <tr> <td style="padding: 2px;">CC</td> <td style="border-left: 1px solid black; padding: 2px;"></td> <td style="padding: 2px;">HOPI</td> </tr> <tr> <td style="padding: 2px;">S 23</td> <td style="border-left: 1px solid black; padding: 2px;"></td> <td></td> </tr> <tr> <td style="padding: 2px;">NAVAJO</td> <td style="border-left: 1px solid black; padding: 2px;"></td> <td></td> </tr> </table> <p style="margin-top: 10px;">2010</p> </div>	T 29 N			R 21 E			S 14			CC		HOPI	S 23			NAVAJO		
T 29 N																			
R 21 E																			
S 14																			
CC		HOPI																	
S 23																			
NAVAJO																			

**Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 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>Cor. is located 26 lks. E. of mesa rim, 160 ft. high, bears S. 15° E. and N. 15° W.</p> <p>From this point, AP C-63, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, with a steel fence post set nearby, bears N. 1°28' W., 5.38 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over, from which the orig. bearing tree</p> <p style="padding-left: 40px;">A multi trunk piñon, 14 ins. diam., bears S. 36° E., 74 lks. dist., with scribe marks APC 63 HIR BT visible on partially open blaze. (Record: S. 40° E.)</p> <p>From this same point, AP C-64, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, with a steel fence post set nearby, bears S. 1°28' E., 4.93 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over, from which the orig. bearing trees</p> <p style="padding-left: 40px;">A piñon, 14 ins. diam., bears N. 65° E., 82 lks. dist., with scribe marks APC 64 HIR BT visible on partially open blaze. (Record: N. 80° E.)</p> <p style="padding-left: 40px;">A piñon, 8 ins. diam., bears S. 11 1/2° E., 40 lks. dist., with scribe marks X BT visible on partially open blaze. (Record: S. 10° W.)</p> <p>West, bet. secs. 14 and 23, continuing measurement, across the canyon.</p> <p>15.44 Point for the closing cor. of secs. 14 and 23, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Set a brass tablet, 3 1/2 ins. diam., 16 ins. stem, cemented in a drill hole, in solid rock, with top mkd.</p> <div style="text-align: center; margin-top: 20px;"> <p style="margin-top: 10px;">2010</p> </div>
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Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Deposit a magnet, in a white plastic case, at the base of the brass tablet.</p> <p>Cor. is located 23 lks. W. of mesa rim, 150 ft. high, bears S. 30° E. and N. 30° W.</p> <p>From this point, AP C-67, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, with a steel fence post set nearby, bears S. 20°20' E., 4.73 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over, from which the orig. bearing trees</p> <p style="padding-left: 40px;">A juniper, 13 ins. diam., bears S. 33° E., 68 lks. dist., with scribe marks APC 67 HIR BT visible on partially open blaze. (Record: S. 30° E.)</p> <p style="padding-left: 40px;">A piñon, 7 ins. diam., bears S. 84° W., 50 lks. dist., with scribe marks X BT visible on partially open blaze. (Record: West)</p> <p>From this same point, AP C-68, on the Hopi and Navajo Partition Line, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, in sandstone bedrock, with a steel fence post set nearby, with brass cap mkd. HOPI NAVAJO APC-68 1978, bears N. 20°20' W., 1.28 chs. dist., add the marks 2010 to the brass cap, from which the orig. bearing trees</p> <p style="padding-left: 40px;">A dead standing piñon, 7 ins. diam., bears S. 20° W., 50 lks. dist., with scribe marks X BT visible on partially open blaze. (Record: S. 25° W., 49 lks.)</p> <p style="padding-left: 40px;">A dead standing piñon, 14 ins. diam., bears S. 28° W., 82 lks. dist., with scribe marks defaced on open blaze. (Record: S. 30° W.)</p> <hr/> <p>From the cor. of secs. 1, 2, 11, and 12.</p> <p>West, bet. secs. 2 and 11, over rolling land.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 2 and 11.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 29 N R 21 E S 2 1/4 ——— S 11</p> <p style="text-align: center;">2010</p>

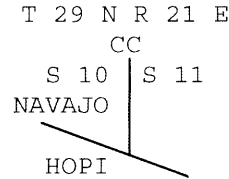
**Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS							
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.						
56.45	Underground water line, bears N. 10° E. and S. 10° W.						
56.55	BIA Route N8059, a graded road, 20 ft. wide, bears S. 75° E. and N. 75° W.						
56.60	Power line, 2 wire, bears S. 30° E. and N. 30° W.						
78.05	Trail road, bears S. 10° E. and N. 10° W.						
80.00	Point for the cor. of secs. 2, 3, 10 and 11.						
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.						
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 0 10px;">T 29 N</td> <td style="padding: 0 10px;">R 21 E</td> </tr> <tr> <td style="padding: 0 10px;">S 3</td> <td style="padding: 0 10px;">S 2</td> </tr> <tr> <td style="padding: 0 10px;">S 10</td> <td style="padding: 0 10px;">S 11</td> </tr> </table>	T 29 N	R 21 E	S 3	S 2	S 10	S 11
T 29 N	R 21 E						
S 3	S 2						
S 10	S 11						
	2010						
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.						
	Land, rolling.						
	Soil, sandy clay.						
	Timber, juniper and piñon; undergrowth, sage and native grasses.						
	S. 0°01' E., bet. secs. 10 and 11, over rolling land, ascending gently.						
40.00	Point for the 1/4 sec. cor. of secs. 10 and 11.						
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.						
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 0 10px;">T 29 N</td> <td style="padding: 0 10px;">R 21 E</td> </tr> <tr> <td style="padding: 0 10px;"></td> <td style="padding: 0 10px;">1/4</td> </tr> <tr> <td style="padding: 0 10px;">S 10</td> <td style="padding: 0 10px;">S 11</td> </tr> </table>	T 29 N	R 21 E		1/4	S 10	S 11
T 29 N	R 21 E						
	1/4						
S 10	S 11						
	2010						
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.						
	Cor. is located half way up the N. mesa slope.						
54.66	Point for the closing cor. of secs. 10 and 11, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".						

Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS

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



2010

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

From this point, AP C-101, on the Hopi and Navajo Partition Line, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, in sandstone bedrock, with brass cap mkd. HOPI NAVAJO APC-101 1978, bears S. 67°01' E., 1.25 chs. dist., add the marks 2010 to the brass cap.

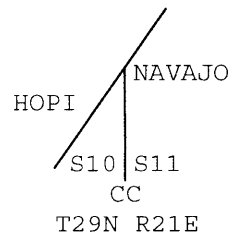
From this same point, AP C-102, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, bears N. 67°01' W., 9.75 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over.

S. 0°01' E., on a blank line, continuing measurement, bet. secs. 10 and 11.

68.78

Point for the closing cor. of secs. 10 and 11, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".

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



2010

Deposit a magnet, in a white plastic case, at the base of the brass tablet.

**Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS	<p>From this point, AP C-99, on the Hopi and Navajo Partition Line, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, in sandstone bedrock, with brass cap mkd. HOPI NAVAJO APC-99 1978, bears S. 23°28' W., 98.2 lks. dist., add the marks 2010 to the brass cap, from which the orig. bearing trees</p> <p style="padding-left: 40px;">A juniper, 11 ins. diam., bears S. 63° W., 15.5 lks. dist., with scribe marks APC 99 HIR BT visible on partially open blaze. (Record: S. 67 1/2° W.)</p> <p style="padding-left: 40px;">A juniper, 10 ins. diam., bears N. 10 1/2° W., 60 lks. dist., with scribe marks APC 99 HIR BT visible on partially open blaze.</p> <p>From this same point, AP C-100, on the Hopi and Navajo Partition Line, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, in sandstone bedrock, with brass cap mkd. HOPI NAVAJO APC-100 1978, bears N. 23°28' E., 9.85 chs. dist., add the marks 2010 to the brass cap, from which the orig. bearing trees</p> <p style="padding-left: 40px;">A piñon, 10 ins. diam., bears S. 85° W., 12 lks. dist., with scribe marks APC 100 HIR BT visible on partially open blaze. (Record: S. 86 1/2° W., 12.5 lks.)</p> <p style="padding-left: 40px;">A juniper, 30 ins. diam., bears N. 55° W., 38 lks. dist., with scribe marks X BT visible on partially open blaze. (Record: N. 59° W.)</p> <p>Cor. is located 4.5 lks. N. of mesa rim, 25 ft. high, bears N. 20° E. and S. 20° W.</p> <p>S. 0°01' E., bet. secs. 10 and 11, continuing measurement, across the canyon.</p> <p>71.48 True point for the closing cor. of secs. 10 and 11, at the intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Cor. point falls off the mesa rim, where it is impracticable to establish a permanent monument.</p> <p>From this cor. point, AP C-97, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, with a 3 in. diam. hole nearby, bears S. 85°44' E., 1.33 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over, from which the remaining bearing tree</p> <p style="padding-left: 40px;">A piñon, 15 ins. diam., bears S. 2° E., 77 lks. dist., with scribe marks defaced on partially open blaze.</p>
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Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From this same cor. point, AP C-98, on the Hopi and Navajo Partition Line, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, in sandstone bedrock, with a mound of stone, 1 ft. base, 1 ft. high, NE of cor., with brass cap mkd. HOPI NAVAJO APC-98 1978, bears N. 85°44' W., 3.91 chs. dist., add the marks 2010 to the brass cap, from which the remaining bearing tree</p> <p style="padding-left: 40px;">A juniper, 15 ins. diam., bears N. 30° W., 61 lks. dist., with scribe marks X BT visible on partially open blaze.</p> <p>S. 0°01' E., bet. secs. 10 and 11, continuing measurement, on a blank line</p>
71.70	<p>Point selected for the witness cor. to the closing cor.</p> <p>Set a brass tablet, 3 1/2 ins. diam., 2 1/4 ins. stem, cemented in a drill hole, in solid sandstone rock, with top mkd.</p> <div style="text-align: center;"> </div>
80.00	<p>Deposit a magnet, in a white plastic case, at the base of the brass tablet.</p> <p>Cor. is located 9 lks. S. of mesa rim, 15 ft. high, bears N. 76° E. and S. 76° W.</p> <p>Point for the cor. of secs. 10, 11, 14 and 15, falls on Hopi Indian Reservation, not monumented.</p> <p>Land, rugged canyon along the escarpment. Soil, sand and sandstone. Timber, juniper and piñon pine; undergrowth, sage and native grasses.</p>
0.58	<p>S. 0°01' E., bet. secs. 14 and 15, on a blank line.</p> <p>Point for the closing cor. of secs. 14 and 15, at the intersection with the 1981 Hopi-Navajo Partition Line, Segment "C". Not monumented.</p> <p>From this cor. point, AP C-95, on the Hopi and Navajo Partition Line, hereinafter described, bears N. 47°41' E., 0.79 chs. dist.</p>

**Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>From this same cor. point, AP C-94, on the Hopi and Navajo Partition Line, hereinafter described, bears S. 47°41' W., 3.86 chs. dist.</p> <p>S. 0°01' E., continuing measurement, bet. secs. 14 and 15.</p>
1.57	<p>Point for the closing cor. of secs. 14 and 15, at the intersection with the 1981 Hopi-Navajo Partition Line, Segment "C". Not monumented.</p> <p>From this cor. point, AP C-93, on the Hopi and Navajo Partition Line, hereinafter described, bears N. 60°38' E., 7.42 chs. dist.</p> <p>From this same cor. point, AP C-94, on the Hopi and Navajo Partition Line, hereinafter described, bears S. 60°38' W., 3.27 chs. dist.</p> <hr/> <p>From the cor. of secs. 11, 12, 13, and 14.</p> <p>West, bet. secs. 11 and 14, over rolling land.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 11 and 14.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 29 N R 21 E S 11 1/4 ——— S 14</p> <p style="text-align: center;">2010</p>
74.51	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>True point for the closing cor. of secs. 11 and 14, at the intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Cor. point falls off the mesa rim, where it is impracticable to establish a permanent monument.</p> <p>From this cor. point, AP C-92, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, with a 3 ins. diam. hole nearby, bears S. 25°22' W., 10.25 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over, from which the orig. bearing trees</p>

Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	<p>A piñon, 5 ins. diam., bears S. 10° E., 41 1/2 lks. dist., with scribe marks X BT visible on partially open blaze.</p> <p>A dead fallen piñon, 9 ins. diam., bears S. 55° W., 39 lks. dist., with scribe marks APC 92 HIR BT visible on partially open blaze.</p> <p>From this same cor. point, AP C-93, on the Hopi and Navajo Partition Line, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, in sandstone bedrock, with a steel fence post set nearby, with brass cap mkd. NAVAJO APC-93 HOPI 19 (full year was not stamped on this cap), bears N. 25°22' E., 2.28 chs. dist., add the marks 2010 to the brass cap, from which the orig. bearing trees</p> <p>A piñon, 7 ins. diam., bears N. 5° E., 45 lks. dist., with scribe marks X BT visible on partially open blaze. (Record: N. 9° E., 46 lks.)</p> <p>A juniper, 12 ins. diam., bears N. 70° E., 18 lks. dist., with scribe marks APC 93 NIR BT visible on partially open blaze. (Record: N. 76° E., 17 lks.)</p>
74.72	<p>Point selected for the witness cor. to the closing cor.</p> <p>Set a brass tablet, 3 1/2 ins. diam., 2 1/4 ins. stem, cemented in a drill hole, in solid sandstone rock, with top mkd.</p> <div style="text-align: center; margin: 10px 0;"> </div> <p>Deposit a magnet, in a white plastic case, at the base of the brass tablet.</p> <p>Cor. is located 4.5 lks. W. of mesa rim, 8 ft. high.</p> <p>West, continuing measurement, on a blank line, bet. secs. 11 and 14.</p>
75.71	<p>Point selected for the witness cor. to the closing cor.</p> <p>Set a brass tablet, 3 1/2 ins. diam., 2 1/4 ins. stem, cemented in a drill hole, in solid sandstone rock, with top mkd.</p>

Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">2010</p>
77.20	<p>Deposit a magnet, in a white plastic case, at the base of the brass tablet.</p> <p>Cor. is located 1.5 lks. E. of mesa rim, 10 ft. high.</p> <p>True point for the closing cor. of secs. 11 and 14, at the intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Cor. point falls off the mesa rim, where it is impracticable to establish a permanent monument.</p> <p>From this cor. point, AP C-93, on the Hopi and Navajo Partition Line, hereinbefore described, bears N. 60°38' E., 4.21 chs. dist.</p> <p>From this same cor. point, AP C-94, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, with a 3 ins. diam. hole nearby, bears S. 60°38' W., 6.48 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over, from which the orig. bearing trees</p> <p style="padding-left: 40px;">A piñon, 10 ins. diam., bears S. 66° W., 23.5 lks. dist., with scribe marks APC 94 HIR BT visible on partially open blaze. (Record: S. 72° E., 24.5)</p> <p style="padding-left: 40px;">A juniper, 15 ins. diam., bears N. 28° W., 25 lks. dist., with scribe marks APC 94 HIR BT visible on partially open blaze.</p> <p>West, bet. secs. 11 and 14, across the canyon.</p>
79.40	<p>Point for the closing cor. of secs. 11 and 14, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Set a brass tablet, 3 1/2 ins. diam., 2 1/4 ins. stem, cemented in a drill hole in solid sandstone rock, with top mkd.</p>

Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-right: 10px;">HOPI</div> <div style="text-align: center;"> $\begin{array}{l} /T29NR21E \\ S 11 \\ \text{---} CC \\ S 14 \\ /NAVAJO \end{array}$ </div> </div> <p style="margin-top: 10px;">2010</p>
	<p>Deposit a magnet, in a white plastic case, at the base of the brass tablet.</p> <p>From this point, AP C-95, on the Hopi and Navajo Partition Line, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, in sandstone bedrock, with a steel fence post set nearby, with brass cap mkd. APC-95 HOPI NAVAJO 1978, bears S. 15°28' W., 4.77 lks. dist., add the marks 2010 to the brass cap.</p> <p>From this same point, AP C-96, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, with a steel fence post set nearby, bears N. 15°28' E., 6.27 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over, from which the remaining bearing tree</p> <p style="margin-left: 40px;">A juniper, 11 ins. diam., bears S. 2° W., 1.03 chs. dist., with scribe marks APC 96 NIR BT visible on partially open blaze. (Record: S. 5° E.)</p> <p>West, continuing measurement, on a blank line, bet. secs. 11 and 14.</p>
80.00	<p>Point for the cor. of secs. 10, 11, 14 and 15, monument not set, cor. falls on the Hopi Indian Reservation.</p> <p>Land, rugged canyon along the escarpment. Soil, sand and sandstone. Timber, juniper and piñon pine; undergrowth, sage and native grasses.</p> <hr style="width: 60%; margin-left: 0;"/>
	<p>From the cor. of secs. 2, 3, 10, and 11.</p> <p>N. 0°01' W., bet. secs. 2 and 3, over rolling land.</p>
5.75	BIA Route N8059, a graded road, 20 ft. wide, bears S. 80° E. and N. 80° W.
19.55	Power line, 2 wire, bears N. 85° E. and S. 85° W.
38.00	Chizzi Wash, 15 ft. wide, 2 ft. deep, drains S. 5° W.

Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.00	<p>True point for the 1/4 sec. cor. of secs. 2 and 3, falls in Chizzi Wash, where it is impracticable to establish a permanent monument. Deposit a magnet, in a white plastic case, 24 ins. in the ground.</p> <p>from which</p> <p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears N. 45°00' E., 130.0 ft. dist., with top mkd. RM T29N R21E 1/4 S2 130.0 FT TO COR 2010, and an arrow pointing to the cor. Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 45°00' W., 140.0 ft. dist., with top mkd. RM T29N R21E 1/4 S3 140.0 FT TO COR 2010, and an arrow pointing to the cor. Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>
40.45	Chizzi Wash, 15 ft. wide, 2 ft. deep, drains N. 70° W.
53.80	Trail road, bears S. 65° E. and N. 65° W.
64.50	BIA Route N67, a graded road, 20 ft. wide, bears N. 65° E. and S. 65° W.
71.15	Trail road, bears East and West.
80.00	<p>The cor. of secs. 2, 3, 34, and 35, on the N. bdy. of the Tp., hereinbefore described.</p> <p>Land, rolling. Soil, sandy clay. Timber, juniper and piñon; undergrowth, sage and native grasses.</p> <hr/> <p>From the cor. of secs. 2, 3, 10, and 11.</p> <p>West, bet. secs. 3 and 10, over open rolling land.</p>
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., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 29 N R 21 E S 3 1/4 ——— S 10</p> <p style="text-align: center;">2010</p>

Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS							
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.						
53.55	Trail road, bears S. 10° E. and N. 10° W.						
67.65	Trail road, bears S. 20° E. and N. 20° W.						
80.00	Point for the cor. of secs. 3, 4, 9 and 10.						
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, encircled with a collar of stone, with brass cap mkd.						
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>T 29 N</td> <td>R 21 E</td> </tr> <tr> <td style="border-right: 1px solid black;">S 4</td> <td>S 3</td> </tr> <tr> <td style="border-right: 1px solid black;">S 9</td> <td>S 10</td> </tr> </table>	T 29 N	R 21 E	S 4	S 3	S 9	S 10
T 29 N	R 21 E						
S 4	S 3						
S 9	S 10						
	2010						
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.						
	Land, rolling.						
	Soil, sandy clay.						
	Timber, juniper and piñon; undergrowth, sage and native grasses.						
	S. 0°02' E., bet. secs. 9 and 10, over rolling land, ascending gently.						
40.00	Point for the 1/4 sec. cor. of secs. 9 and 10.						
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.						
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>T 29 N</td> <td>R 21 E</td> </tr> <tr> <td></td> <td style="text-align: center;">1/4</td> </tr> <tr> <td style="border-right: 1px solid black;">S 9</td> <td>S 10</td> </tr> </table>	T 29 N	R 21 E		1/4	S 9	S 10
T 29 N	R 21 E						
	1/4						
S 9	S 10						
	2010						
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.						
61.46	True point for the closing cor. of secs. 9 and 10, at the intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".						
	Cor. point falls off the mesa rim, where it is impracticable to establish a permanent monument.						

Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From this cor. point, AP C-109, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, bears N. 88°54' E., 14.86 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over, from which the orig. bearing trees</p> <p style="padding-left: 40px;">A dead standing piñon, 8 ins. diam., bears S. 52° E., 76 lks. dist., with scribe marks X BT visible on partially open blaze. (Record: S. 50° E., 77 lks.)</p> <p style="padding-left: 40px;">A piñon, 16 ins. diam., bears S. 74° W., 26 lks. dist., with scribe marks APC 109 HIR BT visible on partially open blaze. (Record: S. 70° W., 25 lks.)</p> <p>From this same cor. point, AP C-110, on the Hopi and Navajo Partition Line, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, in sandstone bedrock, with brass cap mkd. APC-110 NAVAJO HOPI 1978, bears S. 88°54' W., 7.25 chs. dist., add the marks 2010 to the brass cap.</p> <p>S. 0°02' E., continuing measurement, on a blank line, bet. secs. 9 and 10.</p>
61.96	<p>Point selected for the witness cor. to the closing cor.</p> <p>Set a brass tablet, 3 1/2 ins. diam., 2 1/4 ins. stem, cemented in a drill hole, in solid sandstone rock, with top mkd.</p> <div style="text-align: center;"> <p style="margin: 0;">WC CC T 29 N ↑ R 21 E S 9 S 10 NAVAJO HOPI 2010</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the brass tablet.</p> <p>Cor. is located 7.5 lks. S. of mesa rim, 40 ft. high, bears S. 86° E. and N. 86° W.</p>
80.00	<p>Point for the cor. of secs. 9, 10, 15 and 16, monument not set, cor. falls on the Hopi Indian Reservation.</p>

Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Land, rolling to rugged. Soil, sand and sandstone. Timber, juniper and piñon pine; undergrowth, sage and native grasses.</p> <hr/> <p>S. 0°02' E., on a blank line, bet. secs. 15 and 16.</p>
13.01	<p>Point for the closing cor. of secs. 15 and 16, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>From this point, AP C-117, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, bears N. 56°48' W., 19.3 lks. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, in a mound of stone to top, with brass cap mkd.</p> <div style="text-align: center;"> <p style="text-align: center;">HOPI NAVAJO S 16 S 15 CC T 29 N R 21 E</p> </div> <p style="text-align: center;">2010</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>From this same point, AP C-118, on the Hopi and Navajo Partition Line, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, in sandstone bedrock, with brass cap mkd. NAVAJO APC-118 HOPI 1978, bears S. 56°48' E., 6.94 chs. dist., add the marks 2010 to the brass cap.</p> <p>S. 0°02' E., continuing measurement, bet. secs. 15 and 16.</p> <p>Descend into Wind Whistle Canyon.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 15 and 16.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>

Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 29 N R 21 E 1/4 S 16 S 15 2010
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Cor. is located at the bottom of Wind Whistle Canyon.
43.10	Wash, 40 ft. wide, 20 ft. deep, drains N. 45° W.
63.57	Point for the closing cor. of secs. 15 and 16, at intersection with the 1973 Hopi-Navajo Partition Line. Set a brass tablet, 3 1/2 ins. diam., 2 1/4 ins. stem, cemented in a drill hole, in solid sandstone boulder, 8 x 10 x 16 ft., with top mkd.
	T 29 N R 21 E CC S 16 S 15 NAVAJO _____ HOPI 2010
	Deposit a magnet, in a white plastic case, at the base of the brass tablet. From this point, AP C-127, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, bears S. 76°47' E., 56.1 lks. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over. From this same point, AP C-128, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, bears N. 76°47' W., 3.40 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over. Land, rugged. Soil, sandstone, sandy clay. Timber, juniper and piñon; undergrowth, sage and native grasses.

Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	From the cor. of secs. 3, 4, 9, and 10.
	N. 0°02' W., bet. secs. 3 and 4, over rolling land.
8.00	BIA Route N8059, a graded road, 30 ft. wide, bears S. 85° E. and N. 85° W.
38.00	Chizzi Wash, 50 ft. wide, 20 ft. deep, drains S. 45° W.
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., 24 ins. in the ground, with brass cap mkd.
	T 29 N R 21 E 1/4 S 4 S 3 2010
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
55.40	BIA Route N67, a graded road, 30 ft. wide, bears S. 80° W. and N. 80° E.
80.00	The cor. of secs. 3, 4, 33, and 34, on the N. bdy. of the Tp., hereinbefore described.
	Land, rolling. Soil, sandy clay. Timber, juniper and piñon; undergrowth, sage and native grasses.
	From the cor. of secs. 3, 4, 9, and 10.
	West, bet. secs. 4 and 9, over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 4 and 9.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 29 N R 21 E S 4 1/4 ——— S 9 2010
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS							
44.65	Trail road, bears N. 40° E. and S. 40° W.						
70.47	From this point, a benchmark, monumented with a brass tablet, 3 3/4 ins. diam., firmly set in sandstone boulder, 3 x 5 ft., with top mkd. US DEPT OF INTERIOR 6171 ABOVE SEA LEVEL 051 DOR 1964, bears North, 1.63 chs. dist.						
73.10	BIA Route N8059, a graded road, 26 ft. wide, bears N. 50° E. and S. 50° W.						
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., 24 ins. in the ground, with brass cap mkd.						
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>T 29 N</td> <td>R 21 E</td> </tr> <tr> <td>S 5</td> <td>S 4</td> </tr> <tr> <td>S 8</td> <td>S 9</td> </tr> </table>	T 29 N	R 21 E	S 5	S 4	S 8	S 9
T 29 N	R 21 E						
S 5	S 4						
S 8	S 9						
	2010						
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.						
	From this cor. point, the 1964 benchmark, bears N. 80°17' E., 9.66 chs. dist., hereinbefore described.						
	Land, rolling. Soil, sandy clay. Timber, juniper and piñon; undergrowth, sage and native grasses.						
	S. 0°02' E., bet. secs. 8 and 9, over rolling land.						
5.60	BIA Route N8059, a graded road, 30 ft. wide, bears N. 75° E. and S. 75° W.						
19.00	Trail road, bears S. 60° E. and N. 60° W.						
29.20	Power line, 2 wire, bears S. 5° E. and N. 5° W.						
36.30	Trail road, bears N. 45° E. and S. 45° W.						
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., 24 ins. in the ground, with brass cap mkd.						
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>T 29 N</td> <td>R 21 E</td> </tr> <tr> <td></td> <td>1/4</td> </tr> <tr> <td>S 8</td> <td>S 9</td> </tr> </table>	T 29 N	R 21 E		1/4	S 8	S 9
T 29 N	R 21 E						
	1/4						
S 8	S 9						
	2010						

Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS							
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.						
40.45	Power line, 2 wire, bears N. 40° E. and S. 40° W.						
56.75	Trail road, bears S. 40° E. and N. 40° W.						
76.20	Trail road, bears S. 85° E. and N. 85° W.						
78.05	Power line, bears S. 70° E. and N. 70° W.						
80.00	Point for the cor. of secs. 8, 9, 16 and 17.						
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.						
	<table style="margin: auto;"> <tr> <td>T 29 N</td> <td>R 21 E</td> </tr> <tr> <td>S 8</td> <td>S 9</td> </tr> <tr> <td>S 17</td> <td>S 16</td> </tr> </table>	T 29 N	R 21 E	S 8	S 9	S 17	S 16
T 29 N	R 21 E						
S 8	S 9						
S 17	S 16						
	2010						
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.						
	Land, rolling.						
	Soil, sandy clay.						
	Timber, juniper and piñon; undergrowth, sage and native grasses.						
	<hr/>						
	S. 0°02' E., bet. secs. 16 and 17, over rolling land.						
1.90	Wash, 15 ft. wide, 12 ft. deep, drains N. 75° W.						
22.60	Trail road, bears S. 40° E. and N. 40° W.						
29.30	N. wall of stucco house, 32 x 42 ft., bears N. 85° E. and long side bears S. 5° E.						
33.15	Trail road, bears N. 80° E. and S. 80° 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., 24 ins. in the ground, with brass cap mkd.						
	<table style="margin: auto;"> <tr> <td>T 29 N</td> <td>R 21 E</td> </tr> <tr> <td></td> <td>1/4</td> </tr> <tr> <td>S 17</td> <td>S 16</td> </tr> </table>	T 29 N	R 21 E		1/4	S 17	S 16
T 29 N	R 21 E						
	1/4						
S 17	S 16						
	2010						

Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 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 cor. of secs. 16, 17, 20 and 21.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <table style="margin: auto;"> <tr><td>T 29 N</td><td>R 21 E</td></tr> <tr><td>S 17</td><td>S 16</td></tr> <tr><td>S 20</td><td>S 21</td></tr> </table> <p>2010</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Land, rolling to gradual ascent. Soil, sandy clay. Timber, juniper and piñon; undergrowth, sage and native grasses.</p> <hr/> <p>S. 0°02' E., bet. secs. 20 and 21, over open rolling land.</p>	T 29 N	R 21 E	S 17	S 16	S 20	S 21				
T 29 N	R 21 E										
S 17	S 16										
S 20	S 21										
8.23	<p>True point for the closing cor. of secs. 20 and 21, at the intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Cor. point falls off the mesa rim, where it is impracticable to establish a permanent monument.</p> <p>From this cor. point the point selected for the witness cor. to the closing cor., bears S. 0°02' E., 1.67 chs. dist.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in sandstone bedrock, with brass cap mkd.</p> <div style="text-align: center;"> <table style="margin: auto;"> <tr><td>T 29 N</td><td>R 21 E</td></tr> <tr><td>WC</td><td></td></tr> <tr><td>CC</td><td></td></tr> <tr><td>S20</td><td>S21</td></tr> <tr><td>NAVAJO</td><td>HOPI</td></tr> </table> <p>2010</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Cor. is located 2 lks. S. of mesa rim, 40 ft. high, bears N. 56° E. and S. 56° W.</p>	T 29 N	R 21 E	WC		CC		S20	S21	NAVAJO	HOPI
T 29 N	R 21 E										
WC											
CC											
S20	S21										
NAVAJO	HOPI										

**Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS	
14.34	<p>From this same cor. point, AP C-138, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, bears N. 34°41' E., 2.87 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over, from which the remaining bearing tree</p> <p style="padding-left: 40px;">A juniper, 10 ins. diam., bears S. 55° E., 53 lks. dist., with scribe marks APC 138 HIR BT visible on partially open blaze. (Record: S. 50° E.)</p> <p>From this same cor. point, AP C-139, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, bears S. 34°41' W., 3.50 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over.</p> <hr/> <p>From the cor. of secs. 16, 17, 20, and 21.</p> <p>East, bet. secs. 16 and 21, along the N. mesa slope.</p> <p>True point for the closing cor. of secs. 16 and 21, at the intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Cor. point falls off the mesa rim, where it is impracticable to establish a permanent monument.</p> <p>From this cor. point the point selected for the witness cor. to the closing cor., bears East, 1.24 chs. dist.</p> <p>Set a brass tablet, 3 1/8 ins. diam., 2 1/2 ins. stem, cemented in a drill hole, in solid sandstone rock, with top mkd.</p> <div style="text-align: center;"> <p style="margin-left: 100px;">WC T29N R21E NAVAJO S 16 CC ← S 21 HOPI 2010</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the brass tablet.</p> <p>Cor. is located 3 lks. E. of mesa rim, 60 ft. high, bears S. 21° E. and N. 21° W.</p>

Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From this same cor. point, AP C-135, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, bears N. 31°54' E., 20.27 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over, from which the orig. bearing trees</p> <p style="padding-left: 40px;">A juniper, 8 ins. diam., bears S. 58° E., 34 lks. dist., with scribe marks APC 135 HIR BT visible on partially open blaze. (Record: S. 55° E.)</p> <p style="padding-left: 40px;">A piñon, 10 ins. diam., bears S. 14° E., 54 lks. dist., with scribe marks X BT visible on partially open blaze. (Record: S. 10° E., 53 lks.)</p> <p>From this same cor. point, AP C-136, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, bears S. 31°54' W., 1.99 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over, from which the remaining bearing tree</p> <p style="padding-left: 40px;">A piñon, 7 ins. diam., bears S. 60° W., 88 lks. dist., with scribe marks X BT visible on partially open blaze. (Record: S. 30° W.)</p>
	<hr/>
	<p>From the cor. of secs. 16, 17, 20, and 21.</p>
	<p>West, bet. secs. 17 and 20, along the N. and NE mesa slope.</p>
19.70	<p>Trail road, bears S. 15° E. and N. 15° W.</p>
21.00	<p>Rim, 50 ft. high, bears S. 5° E. and N. 5° W.</p>
21.11	<p>Point for the closing cor. of secs. 17 and 20, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p>
	<p>Set a brass tablet, 3 1/2 ins. diam., 2 1/4 ins. stem, cemented in a drill hole, in solid sandstone rock, with top mkd.</p>
	<div style="text-align: center;"> </div>
	<p style="text-align: center;">2010</p>

**Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Deposit a magnet, in a white plastic case, at the base of the brass tablet.</p> <p>From this point, AP C-146, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, bears S. 5°31' W., 5.87 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over, from which the orig. bearing trees</p> <p style="padding-left: 40px;">A juniper, 18 ins. diam., bears S. 20° E., 44 lks. dist., with scribe marks APC 146 HIR BT visible on partially open blaze.</p> <p style="padding-left: 40px;">A piñon, 7 ins. diam., bears N. 62° W., 64 lks. dist., with scribe marks APC 146 HIR BT visible on partially open blaze. (Record: N. 68° W., 63 lks.)</p> <p>From this same point, AP C-147, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, bears N. 5°31' E., 3.32 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over, from which the remaining bearing tree</p> <p style="padding-left: 40px;">A piñon, 8 ins. diam., bears S. 78° W., 71 lks. dist., with scribe marks APC 147 HIR BT visible on partially open blaze. (Record: S. 75° W.)</p> <hr/> <p>From the cor. of secs. 8, 9, 16, and 17.</p> <p>East, bet. secs. 9 and 16, along the bottom of Wind Whistle Canyon, gradually ascending.</p>
5.05	Power line, 2 wire, bears S. 70° E. and N. 70° W.
10.50	Trail road, bears S. 55° E. and N. 55° W.
17.15	Trail road, bears N. 60° E. and S. 60° W.
26.75	Trail road, bears S. 40° E. and N. 40° W.
40.00	Point for the 1/4 sec. cor. of secs. 9 and 16.
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>

Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	<p style="text-align: center;">T 29 N R 21 E S 9 1/4 ——— S 16</p> <p style="text-align: center;">2010</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>52.10 Bottom of descent, slopes N. 32° E.</p> <p>68.31 True point for the closing cor. of secs. 9 and 16, at the intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Cor. point falls off the mesa rim, where it is impracticable to establish a permanent monument.</p> <p>From this cor. point the point selected for the witness cor. to the closing cor., bears East, 0.64 chs. dist.</p> <p>Set a brass tablet, 3 1/2 ins. diam., 2 1/4 ins. stem, cemented in a drill hole, in solid sandstone rock, with top mkd.</p> <div style="text-align: center;"> <p style="margin-left: 40px;">WC T29N R21E S 9 CC ← HOPI S 16 NAVAJO</p> </div> <p style="text-align: center;">2010</p> <p>Deposit a magnet, in a white plastic case, at the base of the brass tablet.</p> <p>Cor. is located 7.5 lks. E. of mesa rim, 50 ft. high.</p> <p>From this same cor. point, AP C-115, on the Hopi and Navajo Partition Line, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, in sandstone bedrock, with brass cap mkd. NAVAJO HOPI APC-115 1978, bears N. 36°29' W., 8.61 chs. dist., add the marks 2010 to the brass cap.</p> <p>From this same cor. point, AP C-116, on the Hopi and Navajo Partition Line, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, in sandstone bedrock, with brass cap mkd. NAVAJO HOPI APC-116 1978, bears S. 36°29' E., 7.08 chs. dist., add the marks 2010 to the brass cap.</p> <hr style="width: 60%; margin-left: 0;"/>
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Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	From the cor. of secs. 4, 5, 8, and 9.
	N. 0°03' W., bet. secs. 4 and 5, over rolling land.
21.50	Chizzi Wash, 50 ft. wide, 20 ft. deep, drains N. 70° W.
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., 24 ins. in the ground, with brass cap mkd.
	T 29 N R 21 E 1/4 S 5 S 4 2010
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
50.35	BIA Route N67, graded road, 30 ft. wide, bears S. 80° E. and N. 80° W.
64.20	Power line, 4 wire, bears N. 75° E. and S. 75° W.
68.25	Trail road, bears N. 80° E. and S. 80° W.
73.00	Trail road, bears N. 40° E. and S. 40° W.
80.01	The cor. of secs. 4, 5, 32, and 33, on the N. bdy. of the Tp., hereinbefore described.
	Land, rolling. Soil, sandy clay. Timber, juniper and piñon; undergrowth, sage and native grasses.
	From the cor. of secs. 8, 9, 16, and 17.
	West, bet. secs. 8 and 17, over rolling land.
11.20	Wash, 15 ft. wide, 12 ft. deep, drains N. 65° W.
23.95	BIA Route N60, asphalt road, 30 ft. wide, bears S. 25° E. and N. 25° W.
32.45	Trail road, bears N. 25° E. and S. 25° W.
33.30	Trail road, bears S. 55° E. and N. 55° W.
40.00	Point for the 1/4 sec. cor. of secs. 8 and 17.

Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 29 N R 21 E S 8 1/4 ——— S 17</p> <p style="text-align: center;">2010</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>
51.50	Trail road, bears N. 15° E. and S. 15° W.
57.95	Trail road, bears N. 25° E. and S. 25° W.
60.70	Trail road, bears S. 5° E. and N. 5° W.
80.00	Point for the cor. of secs. 7, 8, 17 and 18.
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 29 N R 21 E S 7 S 8 ——— ——— S 18 S 17</p> <p style="text-align: center;">2010</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Land, rolling. Soil, sandy clay. Timber, juniper and piñon; undergrowth, sage and native grasses.</p> <hr/> <p>S. 0°03' E., bet. secs. 17 and 18, over rolling land.</p>
40.00	Point for the 1/4 sec. cor. of secs. 17 and 18.
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 29 N R 21 E 1/4 S 18 S 17</p> <p style="text-align: center;">2010</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. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
72.44	<p>Point for the closing cor. of secs. 17 and 18, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Set a brass tablet, 3 1/2 ins. diam., 2 1/4 ins. stem, cemented in a drill hole, in solid sandstone rock, with top mkd.</p> <div style="text-align: center;"> <p>T 29 N R 21 E</p> <p>CC</p> <p>NAVAJO </p> <p>S18 S17</p> <p>HOPI</p> <p>2010</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the brass tablet.</p> <p>From this point, AP C-160, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, with a 3 ins. diam. hole nearby, bears N. 76°51' E., 10.88 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over, from which the orig. bearing trees</p> <p style="padding-left: 40px;">A piñon, 7 ins. diam., bears S. 80° E., 42 lks. dist., with scribe marks X BT visible on partially open blaze. (Record: S. 72° E.)</p> <p style="padding-left: 40px;">A forked juniper, 14 ins. diam., bears S. 32° W., 67 lks. dist., with scribe marks APC 160 HIR BT visible on partially open blaze.</p> <p>From this same point, AP C-161, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, with a steel fence post set nearby, bears S. 76°51' W., 18.6 lks. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over, from which the orig. bearing trees</p> <p style="padding-left: 40px;">A piñon, 6 ins. diam., bears S. 82° E., 36 lks. dist., with scribe marks X BT visible on partially open blaze. (Record: S. 85° E., 35 lks.)</p> <p style="padding-left: 40px;">A piñon, 9 ins. diam., bears S. 30° W., 27 lks. dist., with scribe marks APC 161 HIR BT visible on partially open blaze. (Record: S. 33° W., 28 lks.)</p> <hr style="width: 60%; margin-left: 0;"/>

**Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS	
28.67	<p>From the cor. of secs. 7, 8, 17, and 18.</p> <p>West, bet. secs. 7 and 18, over rolling land, gradually ascending.</p> <p>True point for the closing cor. of secs. 7 and 18, at the intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Cor. point falls off the mesa rim, where it is impracticable to establish a permanent monument.</p> <p>From this cor. point the point selected for the witness cor. to the closing cor. bears West, 0.39 chs. dist.</p> <p>Set a brass tablet, 3 1/2 ins. diam., 2 1/4 ins. stem, cemented in a drill hole, in solid sandstone rock, with top mkd.</p> <div style="text-align: center;"> </div> <p>2010</p> <p>Deposit a magnet, in a white plastic case, at the base of the brass tablet.</p> <p>From this same cor. point, AP C-172, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, bears S. 38°54' E., 9.57 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over.</p> <p>From this same cor. point, AP C-173, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, bears N. 38°54' W., 2.83 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over.</p> <hr/> <p>From the cor. of secs. 7, 8, 17, and 18.</p> <p>N. 0°03' W., bet. secs. 7 and 8, over rolling land.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 7 and 8.</p>

Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 29 N R 21 E 1/4 S 7 S 8 2010</p> <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. 5, 6, 7 and 8.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 29 N R 21 E S 6 S 5 S 7 S 8 2010</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>From this cor. point, a benchmark, monumented with a brass tablet, 3 3/4 ins. diam., firmly set in sandstone bedrock, with top mkd. US GEOLOGICAL SURVEY ELEVATION ABOVE SEA 6149 FEET P51 DOR 1964 BENCH MARK, bears N. 23°28' E., 17.99 chs. dist.</p> <p>Land, rolling to gradual descent. Soil, sandy clay. Timber, juniper and piñon; undergrowth, sage and native grasses.</p> <hr/> <p>From the cor. of secs. 4, 5, 8, and 9.</p> <p>West, bet. secs. 5 and 8, over open rolling land.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 5 and 8.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 29 N R 21 E S 5 1/4 ——— S 8 2010</p>

Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 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>43.60 Wash, 10 ft. wide, 20 ft. deep, drains N. 35° W.</p> <p>47.04 Intersect Tract 37, on line AP2 - AP3, not monumented, hereinafter described.</p> <p>49.55 BIA Route N60, asphalt road, 30 ft. wide, bears N. 5° E. and S. 5° W.</p> <p>50.80 Chain link fence, 5 ft. high, bears S. 5° E. and N. 5° W.</p> <p>61.20 Chain link fence, 5 ft. high, bears North and South.</p> <p>61.35 Intersect Tract 37, on line AP 4-AP 5, not monumented, hereinafter described.</p> <p>80.00 The cor. of secs. 5, 6, 7 and 8.</p> <p>Land, rolling. Soil, sandy clay. Timber, juniper and piñon; undergrowth, sage and native grasses.</p> <hr/> <p>West, bet. secs. 6 and 7, over rolling land.</p> <p>2.45 Trail road, bears N. 70° E. and S. 70° W.</p> <p>7.05 Trail road, bears S. 40° E. and N. 40° W.</p> <p>26.05 Trail road, bears S. 60° E. and N. 60° W.</p> <p>35.32 Point for the closing cor. of secs. 6 and 7, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <table style="border-collapse: collapse; margin: auto;"> <tr> <td style="border-right: 1px solid black; padding-right: 5px;">T 29 N</td> <td></td> </tr> <tr> <td style="border-right: 1px solid black; padding-right: 5px;">R 21 E</td> <td></td> </tr> <tr> <td style="border-right: 1px solid black; padding-right: 5px;">S 6</td> <td></td> </tr> <tr> <td style="border-right: 1px solid black; padding-right: 5px;">HOPI</td> <td style="border-top: 1px solid black; padding-left: 5px;">CC</td> </tr> <tr> <td style="border-right: 1px solid black; padding-right: 5px;"></td> <td style="padding-left: 5px;">S 7</td> </tr> <tr> <td style="border-right: 1px solid black; padding-right: 5px;"></td> <td style="padding-left: 5px;">NAVAJO</td> </tr> </table> <p>2010</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>	T 29 N		R 21 E		S 6		HOPI	CC		S 7		NAVAJO
T 29 N													
R 21 E													
S 6													
HOPI	CC												
	S 7												
	NAVAJO												

**Survey of a Portion of the Subdivisional Lines,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>From this point, AP C-181, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, with a broken steel fence post nearby, bears South, 21.12 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over.</p> <p>From this same point, AP C-182, on the Hopi and Navajo Partition Line, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. HOPI NAVAJO APC-182 1978, bears North, 22.72 chs. dist., add the marks 2010 to the brass cap.</p> <hr/> <p>From the cor. of secs. 5, 6, 7, and 8.</p> <p>N. 0°03' W., bet. secs. 5 and 6, over rolling land.</p>
1.25	Trail road, bears N. 60° E. and S. 60° W.
22.80	BIA Route N60, asphalt road, 30 ft. wide, bears S. 55° E. and N. 55° W.
40.00	Point for the 1/4 sec. cor. of secs. 5 and 6.
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 29 N R 21 E 1/4 S 6 S 5 2010</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>
49.10	Chizzi Wash, 40 ft. wide, 4 ft. deep, drains N. 70° W.
80.01	The cor. of secs. 5, 6, 31, and 32, on the N. bdy. of the Tp., hereinbefore described.
	<p>Land, rolling. Soil, sandy clay. Timber, juniper and piñon; undergrowth, sage and native grasses.</p> <hr/> <p style="text-align: center;">Subdivision of Section 1, T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From the 1/4 sec. cor. of secs. 1 and 12.</p>

Subdivision of Section 1,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	North, on the N. and S. center line of sec. 1. Over rolling land.
40.00	Point for the center 1/4 sec. cor. of sec. 1, at intersection with the E. and W. center line. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 29 N R 21 E C 1/4 S 1 2010
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
42.50	Chizzi Wash, 40 ft. wide, 15 ft. deep, drains S. 60° W.
80.00	The 1/4 sec. cor. of secs. 1 and 36, on the N. bdy. of the Tp. <hr/>
	From the 1/4 sec. cor. of secs. 1 and 6, on the E. bdy. of the Tp. West, on the E. and W. center line of sec. 1. Over rolling land.
0.95	Trail road, bears S. 35° E. and N. 35° W.
3.60	Trail road, bears S. 5° E. and N. 5° W.
20.75	Chizzi Wash, 50 ft. wide, 15 ft. deep, drains S. 50° W.
27.05	Chizzi Wash, 50 ft. wide, 15 ft. deep, drains N. 65° W.
40.00	The center 1/4 sec. cor. of sec. 1.
45.40	Chizzi Wash, 40 ft. wide, 15 ft. deep, drains S. 70° W.
80.00	The 1/4 sec. cor. of secs. 1 and 2. <hr/>
	Subdivision of Section 2, T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona <hr/>
	From the 1/4 sec. cor. of secs. 2 and 11. N. 0°01' W., on the N. and S. center line of sec. 2. Over rolling land.

**Subdivision of Section 2,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS	
20.10	Trail road, bears S. 65° E. and N. 65° W.
32.65	Chizzi Wash, 50 ft. wide, 15 ft. deep, drains S. 75° W.
40.00	Point for the center 1/4 sec. cor. of sec. 2, at intersection with the E. and W. center line. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 29 N R 21 E C 1/4 S 2 2010
	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. 2 and 35, on the N. bdy. of the Tp. <hr/>
	From the 1/4 sec. cor. of secs. 1 and 2. West, on the E. and W. center line of sec. 2. Over rolling land.
2.40	Chizzi Wash, 20 ft. wide, 20 ft. deep, drains W.
40.00	The center 1/4 sec. cor. of sec. 2.
67.15	Trail road, bears N. 45° E. and S. 45° W.
79.90	Chizzi Wash, 15 ft. wide, 2 ft. deep, drains N. 15° W.
80.00	The 1/4 sec. cor. of secs. 2 and 3. <hr/>
	Subdivision of Section 3, T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona
	From the 1/4 sec. cor. of secs. 3 and 10. N. 0°02' W., on the N. and S. center line of sec. 3. Over rolling land.
9.50	BIA Route N8059, a graded road, 20 ft. wide, bears E. and W.
16.50	Power line, 2 wire, bears N. 85° E. and S. 85° W.
23.85	Man made dam, 6 ft. high, bears N. 55° E., and S. 55° W.

**Subdivision of Section 3,
T. 29 N., R. 21 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.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 29 N R 21 E C 1/4 S 3</p> <p style="text-align: center;">2010</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>
46.50	Chizzi Wash, 30 ft. wide, 3 ft. deep, drains W.
59.70	BIA Route N67, a graded road, 25 ft. wide, bears E. and W.
80.00	The 1/4 sec. cor. of secs. 3 and 34, on the N. bdy. of the Tp.
	<hr/> <p>From the 1/4 sec. cor. of secs. 2 and 3.</p> <p>West, on the E. and W. center line of sec. 3.</p> <p>Over rolling land.</p>
40.00	The center 1/4 sec. cor. of sec. 3.
50.85	Power line, 2 wire, bears S. 10° E. and N. 10° W.
51.50	Underground water line, bears S. 10° E. and N. 10° W.
70.40	Chizzi Wash, 30 ft. wide, 12 ft. deep, drains S. 35° W.
80.00	The 1/4 sec. cor. of secs. 3 and 4.
	<hr/> <p style="text-align: center;">Subdivision of Section 4, T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From the 1/4 sec. cor. of secs. 4 and 9.</p> <p>N. 0°02' W., on the N. and S. center line of sec. 4.</p> <p>Over rolling land.</p>
14.25	Graded road, 30 ft. wide, bears S. 85° E. and N. 85° W.
16.40	Chizzi Wash, 60 ft. wide, 15 ft. deep, drains N. 80° W.

Subdivision of Section 4,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.00	<p>Point for the center 1/4 sec. cor. of sec. 4, at intersection with the E. and W. center line.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 29 N R 21 E C 1/4 S 4</p> <p style="text-align: center;">2010</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>
48.60	BIA Route N67, asphalt road, 30 ft. wide, bears N. 80° E. and S. 80° W.
80.00	The 1/4 sec. cor. of secs. 4 and 33, on the N. bdy. of the Tp.
	<hr/> <p>From the 1/4 sec. cor. of secs. 3 and 4.</p> <p>West, on the E. and W. center line of sec. 4.</p> <p>Over rolling land.</p>
40.00	The center 1/4 sec. cor. of sec. 4.
80.00	The 1/4 sec. cor. of secs. 4 and 5.
	<hr/> <p style="text-align: center;">Subdivision of Section 5, T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From the 1/4 sec. cor. of secs. 5 and 8.</p> <p>N. 0°03' W., on the N. and S. center line of sec. 5.</p> <p>Over rolling land.</p>
33.80	Chizzi Wash, 30 ft. wide, 12 ft. deep, drains N. 30° W.
40.00	<p>Point for the center 1/4 sec. cor. of sec. 5, at intersection with the E. and W. center line.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 29 N R 21 E C 1/4 S 5</p> <p style="text-align: center;">2010</p>

**Subdivision of Section 5,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
43.10	Power line, 2 wire, bears N. 15° E. and S. 15° W.
57.15	BIA Route N67, asphalt road, 27 ft. wide, bears N. 85° E. and S. 85° W.
64.05	Graded road, 20 ft. wide, bears S. 45° E. and N. 45° W.
80.01	The 1/4 sec. cor. of secs. 5 and 32, on the N. bdy. of the Tp.
	<hr/>
	From the 1/4 sec. cor. of secs. 4 and 5.
	West, on the E. and W. center line of sec. 5.
	Over rolling land.
40.00	The center 1/4 sec. cor. of sec. 5.
55.80	BIA Route N67, asphalt road, 20 ft. wide, bears N. 10° E. and S. 10° W.
60.00	Chizzi Wash, 35 ft. wide, 10 ft. deep, drains N. 65° W.
80.00	The 1/4 sec. cor. of secs. 5 and 6.
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	Subdivision of Section 8, T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona
	<hr/>
	From the 1/4 sec. cor. of secs. 8 and 17.
	N. 0°03' W., on the N. and S. center line of sec. 8.
	Over rolling land.
25.75	BIA Route N60, a graded road, 30 ft. wide, bears S. 45° E. and N. 45° W.
33.25	Man made dam, 6 ft. high, bears N. 55° E., and S. 55° W.
40.00	Point for the center 1/4 sec. cor. of sec. 8, at intersection with the E. and W. center line.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

**Subdivision of Section 8,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	T 29 N R 21 E C 1/4 S 8 2010
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
72.70	BIA Route N8059, a graded road, 30 ft. wide, bears E. and W.
80.00	The 1/4 sec. cor. of secs. 5 and 8.
	<hr/>
	From the 1/4 sec. cor. of secs. 8 and 9. West, on the E. and W. center line of sec. 8. Over rolling land.
3.25	Trail road, bears N. 35° E. and S. 35° W.
13.80	Trail road, bears S. 50° E. and N. 50° W.
40.00	The center 1/4 sec. cor. of sec. 8.
49.95	BIA Route N60, a graded road, 30 ft. wide, bears S. 15° E. and N. 15° W.
58.50	Power line, 2 wire, bears N. 10° E. and S. 10° W.
59.30	Trail road, bears N. 35° E. and S. 35° W.
80.00	1/4 sec. cor. of secs. 7 and 8.
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	Subdivision of Section 9, T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona
	<hr/>
	From the 1/4 sec. cor. of secs. 9 and 16. N. 0°02' W., on the N. and S. center line of sec. 9. Over rolling land.
40.00	Point for the center 1/4 sec. cor. of sec. 9, at intersection with the E. and W. center line. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

**Subdivision of Section 9,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	T 29 N R 21 E C 1/4 S 9 2010
	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. 4 and 9.
	<hr/> From the 1/4 sec. cor. of secs. 9 and 10. West, on the E. and W. center line of sec. 9. Over rolling land.
33.90	Trail road, bears N. 50° E. and S. 50° W.
40.00	The center 1/4 sec. cor. of sec. 9.
57.80	Trail road, bears S. 20° E. and N. 20° W.
79.60	Power line, 2 wire, bears N. 40° E. and S. 40° W.
80.00	1/4 sec. cor. of secs. 8 and 9.
	<hr/> Subdivision of Section 10, T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona <hr/>
	From the 1/4 sec. cor. of secs. 3 and 10.
	S. 0°02' E., on the N. and S. center line of sec. 10.
	Over rolling land.
40.00	Point for the center 1/4 sec. cor. of sec. 10, at intersection with the E. and W. center line.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 29 N R 21 E C 1/4 S 10 2010
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Subdivision of Section 10,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS

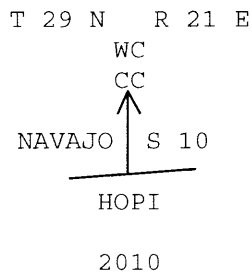
55.25

True point for the closing cor. of sec. 10, at the intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".

Cor. point falls off the mesa rim, where it is impracticable to establish a permanent monument.

From this cor. point the point selected for the witness cor. to the closing cor. bears S. $0^{\circ}02'$ E., 0.41 chs. dist.

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



Deposit a magnet, in a white plastic case, at the base of the brass tablet.

Cor. is located 1.5 lks. S. of mesa rim, 50 ft. high, bears S. 80° E. and N. 80° W.

From this same cor. point, AP C-105, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, bears N. $79^{\circ}52'$ E., 10.90 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over, from which the orig. bearing tree

A forked juniper, 8 ins. diam., bears S. 61° E., 47 lks. dist., with scribe marks APC 105 HIR BT visible on partially open blaze. (Record: S. 56° E.)

From this same cor. point, AP C-106, on the Hopi and Navajo Partition Line, monumented with a brass tablet, 3 1/4 ins. diam., firmly set, in sandstone bedrock, with brass cap mkd. NAVAJO HOPI APC-106 1978, bears S. $79^{\circ}52'$ W., 4.11 chs. dist., add the marks 2010 to the brass cap.

From the 1/4 sec. cor. of secs. 10 and 11.

West, on the E. and W. center line of sec. 10.

Over rolling land along the N. facing mesa slope.

Subdivision of Section 10,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.00	The center 1/4 sec. cor. of sec. 10.
80.00	1/4 sec. cor. of secs. 9 and 10.
<hr/> <p>Subdivision of Section 11, T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona</p> <hr/>	
	From the 1/4 sec. cor. of secs. 11 and 14.
	N. 0°01' W., on the N. and S. center line of sec. 11.
	Over rolling land.
18.55	Trail road, bears N. 30° E. and S. 30° W.
40.00	Point for the center 1/4 sec. cor. of sec. 11, at intersection with the E. and W. center line.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 29 N R 21 E C 1/4 S 11 2010
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
73.90	Trail road, bears N. 25° E. and S. 25° W.
75.55	BIA Route N8059, a graded road, 30 ft. wide, bears S. 75° E. and N. 75° W.
80.00	The 1/4 sec. cor. of secs. 2 and 11.
<hr/>	
	From the 1/4 sec. cor. of secs. 11 and 12.
	West, on the E. and W. center line of sec. 11.
	Over rolling land.
7.20	Trail road, bears N. 5° E. and S. 5° W.
11.45	Power line, 2 wire, bears North and South.
29.80	Trail road, bears N. 30° E. and S. 30° W.
40.00	The center 1/4 sec. cor. of sec. 11.

Subdivision of Section 11,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
55.35	Trail road, bears North and South.
80.00	1/4 sec. cor. of secs. 10 and 11.
<hr/> <p>Subdivision of Section 12, T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona</p> <hr/>	
	From the 1/4 sec. cor. of secs. 12 and 13.
	North, on the N. and S. center line of sec. 12.
	Over rolling land.
40.00	Point for the center 1/4 sec. cor. of sec. 12, at intersection with the E. and W. center line.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 29 N R 21 E C 1/4 S 12 2010
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
61.20	Power line, 2 wire, bears S. 70° E. and N. 70° W.
66.75	Underground water line, bears E. and W.
72.95	BIA Route N8059, a graded road, 20 ft. wide, bears East and West.
80.00	The 1/4 sec. cor. of secs. 1 and 12.
<hr/>	
	From the 1/4 sec. cor. of secs. 7 and 12, on the E. bdy. of the Tp.
	West, on the E. and W. center line of sec. 12, over rolling land.
40.00	The center 1/4 sec. cor. of sec. 12.
80.00	1/4 sec. cor. of secs. 11 and 12.
<hr/>	

Subdivision of Section 16,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From the 1/4 sec. cor. of secs. 9 and 16.</p> <p>S. 0°02' E., on the N. and S. center line of sec. 16.</p> <p>Over rolling land through Wind Whistle Canyon.</p>
40.00	<p>Point for the center 1/4 sec. cor. of sec. 16, at intersection with the E. and W. center line.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 29 N R 21 E C 1/4 S 16</p> <p style="text-align: center;">2010</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>
62.73	<p>Point for the closing cor. of sec. 16, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 29 N R 21 E S 16 CC NAVAJO _____ HOPI</p> <p style="text-align: center;">2010</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Cor. is located 10 ft. below the mesa rim.</p> <p>From this point, AP C-132, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, bears S. 70°44' E., 21.1 lks. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over.</p>

**Subdivision of Section 16,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

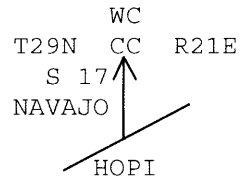
CHAINS	
	<p>From this same point, AP C-133, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, bears N. 70°44' W., 6.64 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 15 and 16.</p> <p>West, on the E. and W. center line of sec. 16.</p> <p>Over rolling land through Wind Whistle Canyon.</p>
40.00	The center 1/4 sec. cor. of sec. 16.
80.00	1/4 sec. cor. of secs. 16 and 17.
	<p>Subdivision of Section 17, T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona</p> <hr/>
	<p>From the 1/4 sec. cor. of secs. 8 and 17.</p> <p>S. 0°03' E., on the N. and S. center line of sec. 17.</p> <p>Over rolling land.</p>
14.25	Trail road, bears N. 70° E. and S. 70° W.
40.00	Point for the center 1/4 sec. cor. of sec. 17, at intersection with the E. and W. center line.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	<p>T 29 N R 21 E C 1/4 S 17</p> <p>2010</p>
54.65	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>True point for the closing cor. of sec. 17, at the intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Cor. point falls off the mesa rim, where it is impracticable to establish a permanent monument.</p>

Subdivision of Section 17,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS

From this cor. point the point selected for the witness cor. to the closing cor., bears S. $0^{\circ}03'$ E., 0.30 chs. dist.

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



2010

Deposit a magnet, in a white plastic case, at the base of the brass tablet.

Cor. is located 3.5 lks. S. of mesa rim, 40 ft. high.

From this same point, AP C-154, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, with a broken steel fence post set nearby, bears N. $50^{\circ}20'$ E., 3.17 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over, from which the orig. bearing tree

A piñon, 11 ins. diam., bears N. 83° E., 46 lks. dist., with scribe marks APC 154 HIR BT visible on partially open blaze. (Record: East, 47 lks.)

From this same point, AP C-155, on the Hopi and Navajo Partition Line, monumented with a drill hole, 1 in. diam., partially filled with dirt, in sandstone bedrock, with a steel fence post set nearby, bears S. $50^{\circ}20'$ W., 9.74 chs. dist., there is no remaining evidence of the orig. brass tablet. Re-drill existing hole to 8 ins. deep, deposit a magnet, in a white plastic case, in the drill hole, concrete over, from which the remaining bearing tree

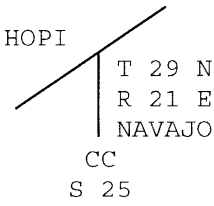
A piñon, 11 ins. diam., bears N. 85° E., 66.5 lks. dist., with scribe marks X BT visible on partially open blaze. (Record: S. 84° E.)

From the 1/4 sec. cor. of secs. 16 and 17.

West, on the E. and W. center line of sec. 17.

Over rolling land along the N. mesa slope.

**Subdivision of Section 17,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS	
21.00	BIA Route N60, a graded road, 20 ft. wide, bears N. 5° E. and S. 5° W.
40.00	The center 1/4 sec. cor. of sec. 17.
80.00	1/4 sec. cor. of secs. 17 and 18.
<hr/> <p>Subdivision of Section 25, T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona</p> <hr/>	
	From the 1/4 sec. cor. of secs. 25 and 36.
	North, on the N. and S. center line of sec. 25.
	Over rolling land.
40.00	Point for the center 1/4 sec. cor. of sec. 25, at intersection with the E. and W. center line.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 29 N R 21 E C 1/4 S 25 2010
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
60.40	Trail road, bears N. 65° E. and S. 65° W.
62.11	Point for the closing cor. of sec. 25, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	 <p>HOPI</p> <p style="margin-left: 100px;">T 29 N R 21 E NAVAJO</p> <p style="margin-left: 100px;">CC S 25</p> <p style="margin-left: 100px;">2010</p>
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Subdivision of Section 25,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

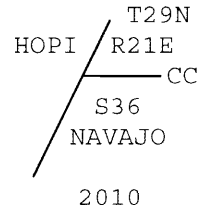
CHAINS													
	<p>Cor. is located along a barbed wire fence, 5 strand, bears N. 50° E. and S. 50° W.</p>												
	<p>From this point, AP C-14, on the Hopi and Navajo Partition Line, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, in a concrete block at the base, 1 x 1 ft., with a steel fence post set nearby, with brass cap mkd. HOPI NAVAJO APC-14 1977, bears S. 51°28' W., 3.86 chs. dist., add the marks 2010 to the brass cap.</p>												
	<p>From this point, AP C-15, on the Hopi and Navajo Partition Line, hereinbefore described, bears N. 51°28' E., 17.07 chs. dist.</p>												
	<hr/> <p>From the 1/4 sec. cor. of secs. 25 and 30, on the E. bdy. of the Tp.</p>												
	<p>West, on the E. and W. center line of sec. 25.</p>												
	<p>Over rolling land.</p>												
40.00	<p>The center 1/4 sec. cor. of sec. 25.</p>												
57.40	<p>Trail road, bears North and South.</p>												
59.76	<p>Point for the closing cor. of sec. 25, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p>												
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>												
	<div style="text-align: center;"> <table border="0"> <tr> <td style="padding-right: 10px;">HOPI</td> <td style="border-left: 1px solid black; padding-left: 5px;">T29N</td> <td></td> </tr> <tr> <td></td> <td style="border-left: 1px solid black; padding-left: 5px;">R21E</td> <td></td> </tr> <tr> <td></td> <td style="border-left: 1px solid black; padding-left: 5px;">S 25</td> <td style="border-left: 1px solid black; padding-left: 5px;">CC</td> </tr> <tr> <td></td> <td style="border-left: 1px solid black; padding-left: 5px;">NAVAJO</td> <td></td> </tr> </table> <p>2010</p> </div>	HOPI	T29N			R21E			S 25	CC		NAVAJO	
HOPI	T29N												
	R21E												
	S 25	CC											
	NAVAJO												
	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>												
	<p>Cor. is located along a barbed wire fence, 5 strand, bears North and South.</p>												
	<p>From this point, AP C-12, on the Hopi and Navajo Partition Line, hereinbefore described, bears S. 1°02' E., 25.91 chs. dist.</p>												

**Subdivision of Section 25,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>From this same point, AP C-13, on the Hopi and Navajo Partition Line, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, with a steel fence post set nearby, with brass cap mkd. HOPI NAVAJO APC-13 1977, bears N. 1°02' W., 2.33 chs. dist., add the marks 2010 to the brass cap.</p> <hr/> <p style="text-align: center;">Subdivision of Section 36, T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From the stan. 1/4 sec. cor. of sec. 36.</p> <p>North, on the N. and S. center line of sec. 36.</p> <p>Over rolling land.</p>
26.00	Trail road, bears N. 70° E. and S. 70° W.
40.00	<p>Point for the center 1/4 sec. cor. of sec. 36, at intersection with the E. and W. center line.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 29 N R 21 E C 1/4 S 36</p> <p style="text-align: center;">2010</p>
80.00	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>The 1/4 sec. cor. of secs. 25 and 36.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 31 and 36, on the E. bdy. of the Tp.</p> <p>West, on the E. and W. center line of sec. 36.</p> <p>Over rolling land.</p>
40.00	The center 1/4 sec. cor. of sec. 36.
57.65	Trail road, bears S. 5° E. and N. 5° W.
63.73	<p>Point for the closing cor. of sec. 36, at intersection with the 1981 Hopi-Navajo Partition Line, Segment "C".</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>

Subdivision of Section 36,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS



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

Cor. is located along a barbed wire fence, 5 strand, bears N. 25° E. and S. 25° W.

From this point, AP C-9, on the Hopi and Navajo Partition Line, hereinbefore described, bears S. 25°54' W., 6.22 chs. dist.

From this point, AP C-10, on the Hopi and Navajo Partition Line, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 in. above ground, in a concrete block at the base, 1 x 1 ft., with brass cap mkd. HOPI NAVAJO APC-10 1977, bears N. 25°54' E., 7.71 chs. dist., add the marks 2010 to the brass cap.

**Metes-and-Bounds Surveys of Tracts 37 and 38,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

Note: The following are the surveys of the exterior boundaries of Tracts 37 and 38. Angle Points were determined by recovered corner evidence or by methods of proportioning which correspond to the respective plat or legal description. These plats and legal descriptions are on file in the Group File for this survey, Group No. 1081, Arizona.

Tract 37

From the point for Angle Point 1, Tract 37, occupied with a rebar, 3/8 in. diam., firmly set, 7 ins. below the surface of the ground.

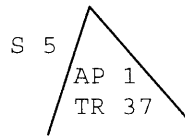
At the corner point

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

Metes-and-Bounds Surveys of Tracts 37 and 38,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS

T 29 N R 21 E



2010

Deposit a magnet, in a white plastic case, at the base of, and the rebar, 18 ins. long, inside of, the stainless steel post.

From this cor. point, the center 1/4 sec. cor. of sec. 5, bears N. 70°55' E., 16.95 chs. dist., hereinbefore described.

From this same cor. point, benchmark P51 DOR, bears S. 43°04' W., 24.57 chs. dist., hereinbefore described.

From this same cor. point, the NE woven wire fence cor. of the Navajo Housing Authority sewage lagoon, fenced in, bears S. 10° W. and N. 80° W., bears S. 83°29' W., 9.84 chs. dist.

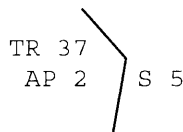
From this same cor. point, BIA Route N67, asphalt road, 28 ft. wide, bears W., 81.6 lks. dist., road bears N. 10° E. and S. 10° W.

S. 34°10' E., on line AP1-AP2, Tract 37.

18.51 Point for Angle Point 2, occupied with a rebar, 3/8 in. diam., firmly set, 7 ins. above ground.

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

T 29 N R 21 E



2010

Deposit a magnet, in a white plastic case, at the base of, and the rebar, 18 ins. long, inside of, the stainless steel post.

Cor. is located 6 lks. W. of a power line, 2 wire, bears N. 10° E. and S. 10° W.

From this cor. point, the center 1/4 sec. cor. of sec. 5, bears N. 15°05' E., 21.61 chs. dist., hereinbefore described.

S. 4°08' W., on line AP2-AP3, Tract 37.

**Metes-and-Bounds Surveys of Tracts 37 and 38,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS	
19.19	Intersect the line bet. secs. 5 and 8, not monumented.
21.82	<p>Point for Angle Point 3, at proportionate dist., by method of dist.-dist. intersection, there is no evidence of the orig. survey.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 29 N R 21 E</p> <div style="text-align: center;"> </div> <p style="text-align: center;">2010</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 1/4 sec. cor. of secs. 5 and 8, bears N. 70°02' E., 7.69 chs. dist., hereinbefore described.</p> <p>From this same cor. point, BIA Route N60, asphalt road, 30 ft. wide, bears W., 2.60 chs. dist., road bears N. 5° E. and S. 5° W.</p> <p>From this same cor. point, a chain link fence cor., 5 ft. high, bears W., 3.32 chs. dist., fences extend S. 85° W. and N. 5° W.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 87°40' W., on line AP3-AP4, Tract 37.</p>
14.00	<p>Point for Angle Point 4, occupied with a rebar, 3/8 in. diam., firmly set, flush with the surface of the ground, with a faded yellow plastic cap mkd. ASTS 13983.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 29 N R 21 E</p> <div style="text-align: center;"> </div> <p style="text-align: center;">2010</p> <p>Deposit a magnet, in a white plastic case, at the base of, and the rebar, 18 ins. long, inside of, the stainless steel post.</p> <p>Cor. is located 5 lks. S. of a power line pole, 8 ins. diam.</p>

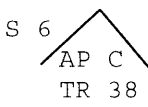
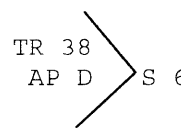
Metes-and-Bounds Surveys of Tracts 37 and 38,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	<p>From this cor. point, a cast iron manhole lid, 27 ins. diam., in a round cement collar, 4 ft. across, 1 1/2 ft. high, with a red steel fence post set nearby, bears S. 60°42' E., 43 lks. dist., connecting to another manhole of the same dimensions and description, S., 1.94 chs. dist.,</p> <p>From this same cor. point, a chain link fence cor., 5 ft. high, bears E., 14 lks. dist., fences extend N. and E.,</p> <p>From this same cor. point, a cast iron manhole lid, 27 ins. diam., in a round cement collar, 4 ft. across, 1 1/2 ft. high, with a red steel fence post set nearby, bears S. 87°28' W., 67.7 lks. dist.</p> <p>From this same cor. point, the cor. of secs. 5, 6, 7, and 8, bears N. 80°21' W., 19.05 chs. dist., hereinbefore described.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 2°18' W., on line AP4-AP5, Tract 37.</p> <p>3.20 Intersect the line bet. secs. 5 and 8, not monumented.</p> <p>12.63 Point for Angle Point 5, at proportionate dist., by method of distance-distance intersection, there is no evidence of the orig. cor.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T 29 N R 21 E</p> <p>2010</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>From this cor. point, the cor. of secs. 5, 6, 7, and 8, bears S. 62°42' W., 20.56 chs. dist., hereinbefore described.</p> <p>From this same cor. point, benchmark P51 DOR, bears N. 57°30' W., 13.17 chs. dist., hereinbefore described.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 12°46' E., on line AP5-AP1, Tract 37.</p> <p>0.50 Chain link fence, 5 ft. high, bears N. and S.</p>
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**Metes-and-Bounds Surveys of Tracts 37 and 38,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS	
5.55	<p>3-Way Intersection of BIA Route N60 and N67, asphalt road, 30 ft. wide, N60 bears S. 70° E. and N. 70° W., and N67 extends N. 10° E.</p>
25.66	<p>Angle Point 1.</p> <hr style="width: 80%; margin: 10px auto;"/> <p style="text-align: center;">Tract 38</p> <hr style="width: 60%; margin: 10px auto;"/> <p>From the point for Angle Point A, Tract 38, occupied with a rebar, 3/8 in. diam., firmly set, 2 ins. above the ground.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 29 N R 21 E</p> <p>TR 38</p> <p>AP A</p> <p>S 6</p> <p>2010</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of, and the rebar, 40 ins. long, alongside of, the stainless steel post.</p> <p>From this cor. point, Angle Point 1, Tract 37, bears S. 49°53' E., 47.51 chs. dist., hereinbefore described.</p> <p>From this same cor. point, benchmark P51 DOR, bears S. 21°56' E., 52.36 chs. dist., hereinbefore described.</p> <p>N. 51°06' W., on line APA-APB, Tract 38.</p>
10.52	<p>The point for Angle Point B, Tract 38, occupied with a rebar, 3/8 in. diam., firmly set, 3 ins. above the ground.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 29 N R 21 E</p> <p>S 6</p> <p>TR 38</p> <p>AP B</p> <p>2010</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of, and the rebar, 18 ins. long, inside of, the stainless steel post.</p> <hr style="width: 80%; margin: 10px auto;"/>

**Metes-and-Bounds Surveys of Tracts 37 and 38,
T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>N. 38°55' E., on line APB-APC, Tract 38.</p>
4.76	<p>The point for Angle Point C, Tract 38, occupied with a rebar, 3/8 in. diam., firmly set, 2 ins. above the ground.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 29 N R 21 E</p> <div style="text-align: center;">  </div> <p style="text-align: center;">2010</p> <p>Deposit a magnet, in a white plastic case, at the base of, and the rebar, 40 ins. long, alongside of, the stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/>
	<p>S. 51°04' E., on line APC-APD, Tract 38.</p>
10.52	<p>The point for Angle Point D, Tract 38, occupied with a rebar, 3/8 in. diam., firmly set, 1 in. above the ground.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 29 N R 21 E</p> <div style="text-align: center;">  </div> <p style="text-align: center;">2010</p> <p>Deposit a magnet, in a white plastic case, at the base of, and the rebar, 18 ins. long, inside of, the stainless steel post.</p> <p>From this cor. point, the cor. of secs. 5, 6, 31, and 32, Tps. 29 and 30 N., R. 21 E., bears N. 39°43' E., 14.60 chs. dist., hereinbefore described.</p> <hr style="width: 20%; margin: 10px auto;"/>
	<p>S. 38°52' W., on line APD-APA, Tract 38.</p>
4.76	<p>The point for Angle Point A.</p> <hr style="width: 50%; margin: 10px auto;"/>

T. 29 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

The area surveyed is within the Navajo Indian Reservation, near the community of Low Mountain, Arizona. The terrain is mostly gently rolling to level at the lower elevation, and rugged along escarpment for the boundary of the Hopi and Navajo Partition Line at the higher elevation. The drainage is to the north and northwest, Chizzi Wash traverses across the northern portion of the township.

The township is divided between lower lands, at elevations ranging from 6100 to 6400 feet, and mesas that rise to 6700 feet above sea level. The soil is mostly sandy and sandy clay with areas of sandstone outcrops and mesas. The timber is juniper and piñon, scattered throughout the township, and is more abundant in the southern region and sparse in the northern part of the township. undergrowth consists of sage and native grasses.

Principal access to the area is from the northwest, by BIA Route N60, a paved road, while the major graded road, BIA Route N67, serves as an alternate route from the northeast. The mesa tops were accessed by a graded road that heads northerly out of Keams Canyon, and a series of dirt roads throughout the township with no evidence of any mining activity. ATV's were required to access areas along the escarpment.

The mean magnetic declination of $10 \frac{3}{4}^{\circ}$ E. was derived from the NOAA National Geophysical Data Center computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2005-2010 for the dates of survey.

CERTIFICATE OF SURVEY

I, Fabian Yazzie, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 20th day of May, 2010, we have surveyed a portion of the Seventh Standard Parallel North (S. Bdy.), the East and North boundaries, a portion of the subdivisional lines, the subdivision of certain sections, and performed metes-and-bounds surveys of Tracts 37 and 38, T. 29 N., R. 21 E., 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 us and under our 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.

In memory of Jones Curtiss, Cadastral Surveyor, born June 1, 1949, Cross Canyon, Arizona, passed away October 5, 2010, Albuquerque, New Mexico.

DECEASED

10/5/2010

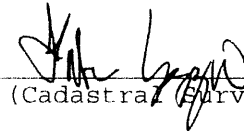
(Date)

JONES CURTISS

(Cadastral Surveyor)

10/06/2011

(Date)



(Cadastral Surveyor)

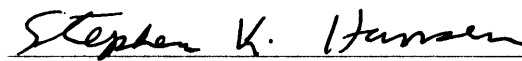
CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the survey of a portion of the Seventh Standard Parallel North (S. Bdy.), the East and North boundaries, a portion of the subdivisional lines, the subdivision of certain sections, and metes-and-bounds surveys of Tracts 37 and 38, T. 29 N., R. 21 E., of the Gila and Salt River Meridian, in the State of Arizona, executed by Jones Curtiss and Fabian Yazzie, Cadastral Surveyors, having been critically examined and found correct, are hereby approved.

11/7/2011

(Date)



(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. 29 N., R. 21 E., of the Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

 (Date)

 (Chief Cadastral Surveyor of Arizona)