

ORIGINAL

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

FIELD NOTES

OF THE

SURVEY OF

THE EIGHTH STANDARD PARALLEL NORTH (SOUTH BOUNDARY),

THE THIRD GUIDE MERIDIAN EAST (WEST BOUNDARY),

THE EAST AND NORTH BOUNDARIES

AND

THE SUBDIVISIONAL LINES,

TOWNSHIP 33 NORTH, RANGE 13 EAST,

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA

**EXECUTED BY**

W. William Foster, Cadastral Surveyor

Under Special Instructions dated April 22, 2002, approved April 22, 2002,  
which provided for the surveys included under Group No. 885, and  
assignment instructions dated April 22, 2002.

Survey commenced May 7, 2002

Survey completed July 16, 2002

# INDEX DIAGRAM

TOWNSHIP 33 NORTH

RANGE 13 EAST

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86 13 18	85 84 17	73 72 16	64 63 15	52 51 14	43 42 13 21
83 12 19	83 82 20	71 70 21	62 62 22	50 50 23	41 40 24 20
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3	5	6	7	8	8

**T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

## CHAINS

The following field notes describe the survey of the Eighth Standard Parallel North (S. bdy.), the Third Guide Meridian East (W. bdy.), the east and north boundaries and the subdivisional lines, T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona.

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

The Third Guide Meridian East through T. 31 N. was surveyed by Van L. White, in 1911. The Hopi - Navajo partition line, segment "D", was surveyed by Jerry L. Wahl, Harry S. Pierce, Shirley B. Hjellum and Kenneth A. Krenke, in 1977-81.

The survey was executed in accordance with the specifications as set forth in the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and the Special Instructions dated April 22, 2002, for Group No. 885, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic and static global positioning system observations using Trimble Navigation 4700 model receivers.

Geodetic control was derived from first order U. S. Coast and Geodetic Survey triangulation station D 506 1983, as published by the National Geodetic Survey, NAD 83 (1992).

The geographic position of the corner of sections 6 and 7 only, T. 31 N., R. 13 E., on the Third Guide Meridian East, is as follows:

Latitude: 36°06'50.75" N.                      Longitude: 110°59'26.62" W.

The geographic position of the southeast corner of the township, is as follows:

Latitude: 36° 12' 56.15" N.                      Longitude: 110° 53' 00.12" W.

The mean magnetic declination is 12° E.

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**Survey of the Eight Standard Parallel North (S. Bdy.),  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

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Beginning at the point for the cor. Tps. 32 and 33 N., R. 13 E. only, established at 7 miles (560 chs.) N. of cor. of secs. 6 and 7 only, T 31 N., R. 13 E., on the Third Guide Meridian East, monumented with an iron post, 3 ins. diam., firmly set, projecting 5 ins. above the ground, with brass cap mkd. T31N T31N R12E R13E S1 S6 S7 S12 1911.

Survey of the Eight Standard Parallel North (S. Bdy.),  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona

CHAINS																			
	Set a brass tablet, 3¼ ins. diam., 3½ in. stem, in drill hole in sandstone, with brass cap mkd.																		
	<div style="text-align: center;"> <table border="0"> <tr><td></td><td style="text-align: center;">T33N</td><td></td></tr> <tr><td style="text-align: right;">R12 1/2E</td><td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;"> </td><td style="text-align: left;">R13E</td></tr> <tr><td></td><td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;"> </td><td style="text-align: left;">S31</td></tr> <tr><td></td><td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;"> </td><td style="border-top: 1px solid black; text-align: left;">S6</td></tr> <tr><td></td><td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;"> </td><td style="text-align: left;">T32N</td></tr> <tr><td></td><td></td><td style="text-align: center;">2002</td></tr> </table> </div>		T33N		R12 1/2E		R13E			S31			S6			T32N			2002
	T33N																		
R12 1/2E		R13E																	
		S31																	
		S6																	
		T32N																	
		2002																	
	Cor. located in a large outcrop of sandstone.																		
	East, with the establishment of the 8 <sup>th</sup> Stan. Par. N., on the S. bdy. of sec. 31.																		
	Descend over broken to rolling land.																		
1.80	Trail road, 10 ft. wide, bears N. 26° E. and S. 26° W.																		
11.35	Dry sandy wash, 15 ft. wide, 6 ins. deep, drains S. 74° W.																		
12.90	Trail road, 10 ft. wide, bears N. 49° E. and S. 49° W., across level ground.																		
13.35	Coal slurry pipe line, bears N. 49° E. and S. 49° W.																		
19.85	Dry sandy wash, 18 ft. wide, 10 ft deep, drains S. 5° E., begin gradual ascent.																		
30.55	Trail road, 10 ft. wide, bears N. 17° E. and S. 17° W.																		
40.00	Point for the stan. 1/4 sec. cor. of sec. 31.																		
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.																		
	<div style="text-align: center;"> <table border="0"> <tr><td></td><td style="text-align: center;">SC</td><td></td></tr> <tr><td></td><td style="text-align: center;">T33N R13E</td><td></td></tr> <tr><td></td><td style="text-align: center;">1/4 S31</td><td></td></tr> <tr><td></td><td style="border-top: 1px solid black; text-align: center;">2002</td><td></td></tr> </table> </div>		SC			T33N R13E			1/4 S31			2002							
	SC																		
	T33N R13E																		
	1/4 S31																		
	2002																		
	from which																		
	The marks X BO chiseled on a sandstone outcrop, 16 x 9 x 9 ft., bears S. 83½° E., 172 lks. dist.																		

Survey of the Eight Standard Parallel North (S. Bdy.),  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona

CHAINS							
53.50	Dry sandy wash, 10 ft. wide, 3 ins. deep, drains S. 48° W.						
80.00	Point for stan. cor. of secs. 31 and 32.						
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.						
	<table style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2" style="text-align: center;">SC</td></tr> <tr><td style="text-align: center;">T33N R13E</td><td style="text-align: center;">S31   S32</td></tr> <tr><td colspan="2" style="text-align: center;">-----</td></tr> </table>	SC		T33N R13E	S31   S32	-----	
SC							
T33N R13E	S31   S32						
-----							
	2002						
	Deposit a magnet in a white plastic case at the base of the stainless steel post.						
	Land, rolling and broken. Soil, sandy. Undergrowth, sage brush and native grasses.						
	East, on the S. bdy. of sec. 32.						
	Over level to rolling land.						
40.00	Point for stan. 1/4 sec. cor. of sec. 32.						
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.						
	<table style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2" style="text-align: center;">SC</td></tr> <tr><td style="text-align: center;">T33N R13E</td><td style="text-align: center;">1/4 S32</td></tr> <tr><td colspan="2" style="text-align: center;">-----</td></tr> </table>	SC		T33N R13E	1/4 S32	-----	
SC							
T33N R13E	1/4 S32						
-----							
	2002						
	Deposit a magnet in a white plastic case at the base of the stainless steel post.						
	Over rolling land.						
72.43	Barbed wire fence, 5 strand, bears N. 3° E. and S. 3° W.						
80.00	Point for the stan. cor. of secs. 32 and 33.						
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.						

**Survey of the Eight Standard Parallel North (S. Bdy.),  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	SC T33N R13E S32   S33 <hr/> 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.  Land, rolling and broken. Soil, sandy. Undergrowth, sagebrush and native grasses.
	<hr/> East, on the S. bdy. of sec. 33.  Over rolling land.
40.00	Point for the stan. 1/4 sec. cor. of sec. 33.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.
	SC T33N R13E 1/4 S33 <hr/> 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
44.00	Begin ascent.
49.10	Rocky spur, bears S. 30° W.
56.20	Top of mesa, across level land.
64.90	Toe of ridge.
67.40	Top of ridge, bears, N. 30° E. and S. 30° W.
80.00	Point for the stan. cor. of secs. 33 and 34.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

**Survey of the Eight Standard Parallel North (S. Bdy.),  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	SC T33N R13E S33   S34 <hr/> 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.  Land, level to rolling. Soil, sandy. Undergrowth, sagebrush and native grasses.
	<hr/> East, on the S. bdy. of sec. 34.  Over rolling land.
15.55	Dry sandy wash, 18 ft. wide, 4 ins. deep, drains S. 46° W.
25.70	Trail road, 10 ft. wide, bears N. 74° E. and S. 74° W.
40.00	Point for the stan. 1/4 sec. cor. of sec. 34.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	SC T33N R13E 1/4 S34 <hr/> 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
63.00	Graded road No. 7, 20 ft. wide, bears N. and S.
70.90	Trail road, 10 ft. wide, bears N. 44° E. and S. 44° W.
73.80	Dry sandy wash, 6 ft. wide, 4 ins. deep, drains S. 14° W.
80.00	Point for the stan. cor. of secs. 34 and 35.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	SC T33N R13E S34   S35 <hr/> 2002

**Survey of the Eight Standard Parallel North (S. Bdy.),  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Land, level to rolling. Soil, sandy. Undergrowth, sagebrush, scattered cactus and native grasses.</p> <hr/>
40.00	<p>East, on the S. bdy. of sec. 35.</p> <p>Over rolling land.</p> <p>Point for stan. 1/4 sec. cor. of sec. 35.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <p align="center">SC T33N R13E 1/4 S35 <hr/>2002</p>
53.30	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Trail road, 10 ft. wide, bears N. 66° E. and S. 66° W.</p>
80.00	<p>Point for the stan. cor. of secs. 35 and 36.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p align="center">SC T33N R13E S35   S36 <hr/>2002</p>
1.55	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Land, rolling. Soil, sandy. Undergrowth, sagebrush and native grasses.</p> <hr/>
	<p>East, on the S. bdy. of sec. 36.</p> <p>Over rolling land.</p> <p>Trail road, 10 ft. wide, bears N. 15° E. and S. 15° W.</p>



**Survey of the Eight Standard Parallel North (S. Bdy.),  
T. 33 N., R. 13 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, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p align="center">SC T33N R13E 1/4 S36 ----- 2002</p> <p>from which</p> <p align="center">A juniper, 18 ins. diam., bears N. 75½° E., 118 lks. dist., mkd. 1/4 S36 BT.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
40.40	Barbed wire fence, 5 strand, bears N. 34° E. and S. 34° W.
44.40	Dry sandy wash, 6 ft. wide, 1 ft. deep, drains N. 76° W.
54.60	Top of mesa, descend.
80.00	<p>Point for the stan. cor. of Tps. 33 N., Rs. 13 and 14 E., falls on south face of spur, impracticable to monument.</p> <p>From this point, the point selected for a witness cor. to the stan. cor. of Tps. 33 N., Rs. 13 and 14 E., bears N. 6°15' W., 0.95 ch. dist.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p align="center">WC SC T33N R13E   R14E S36   S31     ↓ ----- 2002</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Cor. located on a sandy spur, slopes S. 42° E.</p>

**Survey of the Eight Standard Parallel North (S. Bdy.),  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	Land, rolling to broken. Soil, sandy. Timber, scattered juniper; undergrowth, sagebrush and native grasses.
	<b>Survey of the Third Guide Meridian East (W. Bdy.), T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona</b>
	From the cor. of Tps. 32 and 33 N., R. 13 E. only, hereinbefore described.
	North, with the establishment of the 3 <sup>rd</sup> Guide Mer. E., on the W. bdy. of sec. 31.
	Ascend gradually over rolling to level land.
13.10	Top of mesa.
16.90	Trail road, 10 ft. wide, bears N. 38° E. and S. 38° W.
24.30	Begin descent from mesa.
24.90	Trail road, 10 ft. wide, bears S. 75° E. and N. 75° W.
25.05	Questar Southern Trails gas pipeline, bears N. 15° E. and S. 15° W.
25.95	Trail road, 15 ft. wide, bears N. 19° E. and S. 19° W.
32.75	Toe of mesa, across rolling land.
37.90	Toe of slope, begin ascent.
40.00	Point for the 1/4 sec. cor. of sec. 31 only.  Set a brass tablet, 3¼ ins. diam., 3½ in. stem, in a drill hole, in sandstone, with top mkd.
	T33N R12 1/2E    R13E   1/4 S 31 2002
	Cor. located on large sandstone outcrop.
46.05	Dry sandy wash, 10 ft. wide, 6 ins. deep, drains N. 81° E.
48.40	Toe of mesa.
53.70	Top of mesa, across level land.

**Survey of the Third Guide Meridian East (W. Bdy.),  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
58.60	Top of mesa, descend.
59.60	Dry sandy wash, 5 ft. wide, 2 ft. deep, drains N. 75° W., ascend.
64.20	Top of mesa, across level land.
64.90	Top of mesa, descend.
69.60	Toe of mesa, across rolling and rocky land.
77.90	Toe of slope, begin ascent.
80.00	Point for the cor. of secs. 30 and 31 only.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 18 ins. in the ground, in a mound of stone, 2½ ft. base, to top, with brass cap mkd.
	<pre>           T33N       R12 1/2E   R13E                   S30           S24   -----                    S31           2002           </pre>
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Land, rolling and broken. Soil, sandy. Undergrowth, sagebrush and native grasses.
	North, on the W. bdy. of sec. 30.
	Over steep land.
0.50	Top of mesa, across level land.
4.60	Top of mesa, descend.
8.40	Toe of mesa, across level land.
27.07	Barbed wire fence, 5 strand, bears S. 81° E. and N. 81° W.
36.20	Right bank of dry sandy wash, 30 ft. high, bears S. 24° E. and N. 24° W.
38.20	Left bank of dry sandy wash, 30 ft. high, bears S. 24° E. and N. 24° W.

**Survey of the Third Guide Meridian East (W. Bdy.),  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
40.00	<p>Point for the 1/4 sec. cor. of sec 30. only.</p> <p>Set a brass tablet, 3¼ ins. diam., 3½ in. stem, in a drill hole, in sandstone, with top mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T33N R12 1/2E    R13E             1/4 S 30           2002</p> </div>
60.00	<p>Right bank of dry sandy wash, 10 ft. high, bears S. 82° E. and N. 82° W.</p>
61.00	<p>Left bank of dry sandy wash, 10 ft. high, bears S. 82° E. and N. 82° W.</p>
78.10	<p>Graded road, 25 ft. wide, bears S. 72° E. and N. 57° W.</p>
80.00	<p>Point for the cor. of secs. 19 and 30 only.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T33N R12 1/2E    R13E                S19                S30                S30           2002</p> </div> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Land, rolling to broken. Soil, sandy. Undergrowth, sagebrush and native grasses.</p> <hr style="border: 0.5px solid black; margin: 10px 0;"/> <p>North, on the W. bdy of sec. 19.</p> <p>Over rolling to broken land.</p>
22.30	<p>Dry sandy wash, 10 ft. wide, 3 ft. deep, drains S. 45° E.</p>
40.00	<p>Point for the 1/4 sec. cor. of sec. 19 only.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p>

Survey of the Third Guide Meridian East (W. Bdy.),  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T33N R12 1/2E    R13E   1/4 S 19 2002
	from which  A forked juniper, 21 ins. diam., bears N. 48¾° E., 75 lks. dist., mkd. 1/4 S 19 BT.  Deposit a magnet in a white plastic case at the base of the stainless steel post.
40.40	Dry sandy wash, 6 ft. wide, 6 ins. deep, drains S. 72° E.
42.50	Dry sandy wash, 15 ft. wide, 2 ft. deep, drains S. 68° W.
53.40	Toe of mesa, ascend.
55.20	Top of mesa, across level land.
73.40	Top of mesa, descend.
80.00	Point for cor. of secs. 18 and 19 only.  Set a brass tablet, 3¼ ins. diam., 3½ in. stem, in a drill hole, in sandstone, with top mkd.
	T33N R12 1/2E    R13E              S18 S12                       S19 2002
	Land, rolling to broken. Soil, rocky and sandy with sandstone out crops. Undergrowth, sagebrush and native grasses.
	<hr/> North, on the W. bdy. of sec. 18.  Over rolling to broken land.
40.00	Point for the 1/4 sec. cor. of sec. 18 only.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.

Survey of the Third Guide Meridian East (W. Bdy.),  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">T33N R12 1/2E    R13E             1/4 S 18           2002</p>
	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
40.85	<p>Graded road, 12 ft. wide, bears N. 20° E. and S. 20° W.</p>
80.00	<p>Point for the cor. of secs. 7 and 18 only.</p>
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">T33N R12 1/2E    R13E             S7           S1 ———             S18           2002</p>
	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
	<p>Land, rolling. Soil, sandy. Undergrowth, sagebrush and native grasses.</p>
	<p>North, on the W. bdy. of sec. 7.</p>
	<p>Over rolling land.</p>
14.33	<p>Southwest cor. of Ernest Moore's house, 56 x 14 ft., long side bears N., bears East, 2.45 chs. dist.</p>
35.50	<p>Graded road, 15 ft. wide, bears N. 84° E. and S. 84° W.</p>
40.00	<p>Point for the 1/4 sec. cor. of sec. 7 only.</p>
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">T33 1/2N    T33N R12 1/2E    R13E             1/4 S 7           2002</p>
	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>

**Survey of the Third Guide Meridian East (W. Bdy.),  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
53.11	<p>Intersect line 347-348 of the Hopi - Navajo Indian partition line, segment "D", point for a crossing closing cor.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap 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 stainless steel post.</p> <p>From this cor. point, AP 347 of the Hopi - Navajo partition line, segment "D", bears S. 46°23'E., 13.77 chs. dist., monumented with an aluminum post, 2½ ins. diam., flush with ground, in a cement collar, with aluminum cap mkd. AP D-347 NAVAJO HOPI 1979. Add the marks 2002 to the aluminum cap.</p> <p>From this same cor. point, AP 348 of the Hopi - Navajo partition line, segment "D", bears N. 46°23'W., 29.85 chs. dist., monumented with an aluminum post, 2½ in. diam., flush with ground in a cement collar, with aluminum cap mkd. NAVAJO AP D-348 HOPI 1981. Add the marks 2002 to the aluminum cap.</p> <p>Cor. located beneath a barbed wire fence, five strand, bears N. 46½°W., S. and 46½°E.</p> <p>Leave the Hopi reservation, enter the Navajo reservation.</p>
64.25	Trail road, 10 ft. wide, bears S. 70° E. and N. 70° W.
80.00	<p>Point for the cor. of secs. 6 and 7, only.</p> <p>Set a brass tablet, 3¼ ins. diam., 3½ in. stem, in a drill hole, in sandstone, with top mkd.</p> <div style="text-align: center; margin: 10px 0;"> </div>

**Survey of the Third Guide Meridian East (W. Bdy.),  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS															
	<p>Land, rolling to level. Soil, sandy. Undergrowth, sagebrush and native grasses.</p> <hr/> <p>North, on the W. bdy of sec. 6 only.</p> <p>Over rolling land</p>														
15.89	South R.O.W fence Highway 160, bears N. 49° E. and S. 49° W.														
17.94	Highway 160, 30 ft. wide, bears N. 46° E. and S. 66° W.														
21.90	North R.O.W. fence, Highway 160, bears N. 51° E. and S. 51° W.														
22.60	Power line with a trail road beneath, bears N. 56° E. and S. 56° W.														
40.00	<p>Point for the 1/4 sec. cor. of sec. 6 only.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="margin: auto;"> <tr> <td style="padding: 0 10px;">T34N</td> <td style="padding: 0 10px;">T33N</td> </tr> <tr> <td style="padding: 0 10px;">R12 1/2E</td> <td style="padding: 0 10px;">R13E</td> </tr> <tr> <td></td> <td style="text-align: center;">  1/4 S 6</td> </tr> <tr> <td></td> <td style="text-align: center;">2002</td> </tr> </table> </div> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>	T34N	T33N	R12 1/2E	R13E		1/4 S 6		2002						
T34N	T33N														
R12 1/2E	R13E														
	1/4 S 6														
	2002														
73.00	Trail road, 12 ft. wide, with a water line beneath, bears N. 45° E. and S. 45° W.														
80.00	<p>Point for the cor. of Tps. 33 and 34 N., R. 13 E only.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="margin: auto;"> <tr> <td></td> <td style="padding: 0 10px;">T34N</td> </tr> <tr> <td></td> <td style="padding: 0 10px;">R13E</td> </tr> <tr> <td style="padding: 0 10px;">T34N</td> <td style="padding: 0 10px;">S31</td> </tr> <tr> <td style="padding: 0 10px;">R12 1/2E</td> <td style="text-align: center;"> </td> </tr> <tr> <td style="padding: 0 10px;">S36</td> <td style="padding: 0 10px;">S6</td> </tr> <tr> <td></td> <td style="padding: 0 10px;">T33N</td> </tr> <tr> <td></td> <td style="text-align: center;">2002</td> </tr> </table> </div> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>		T34N		R13E	T34N	S31	R12 1/2E		S36	S6		T33N		2002
	T34N														
	R13E														
T34N	S31														
R12 1/2E															
S36	S6														
	T33N														
	2002														



**Survey of the Third Guide Meridian East (W. Bdy.),  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Land, rolling to level. Soil, sandy. Undergrowth, sagebrush and native grasses.</p> <hr/> <p align="center"><b>Survey of the East Boundary, T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona</b></p> <hr/> <p>From the true point for the stan. cor. of Tps. 33 N., Rs. 13 and 14 E., hereinbefore described.</p> <p>North, bet. secs. 31 and 36, on the E. bdy. of the Tp.</p> <p>Ascend over rolling to broken land.</p>
5.70	Spur, slopes N. 58° E.
7.50	Dry sandy wash, 4 ft. wide, 6 ins. deep, drains North.
12.40	Rounded spur.
19.90	Dry sandy wash, 13 ft. wide, 1 ft. deep, drains N. 80° E.
40.00	<p>Point for 1/4 sec. cor. of secs. 31 and 36, falls on a steep vertical slope, impractical to monument.</p> <p>From this point, the point selected for a witness cor. to the 1/4 sec. cor. of secs. 31 and 36, bears S. 39°33' W., 0.46 ch. dist.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>W C T33N R13E R14E 1/4 S36   S31 2002</p> </div> <p>Cor. located at toe of steep mesa.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
43.90	Top of sandstone mesa, across level land.
44.90	Toe of sandstone mesa, ascend.
45.20	Top of sandstone mesa, across level land.

**Survey of the East Boundary,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS											
48.70	Toe of sandstone mesa, ascend.										
49.60	Top of sandstone mesa, continue ascent.										
54.10	Spur, slopes S. 30° W.										
65.52	Barbed wire fence, 5 strand, bears N. 59° E. and S. 59° W.										
66.90	Trail road, 10 ft. wide, bears N. 47° E. and S. 47° W.										
73.00	Dry sandy wash, 6 ft. wide, 6 ins. deep, drains N. 58° W.										
76.10	Top of ridge, bears N. 40° E. and S. 40° W., descend.										
80.00	Point for the cor. of secs. 25, 30, 31 and 36.										
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.										
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2" style="text-align: center;">T33N</td> </tr> <tr> <td style="text-align: center;">R13E</td> <td style="text-align: center;">R14E</td> </tr> <tr> <td style="text-align: center;">S25</td> <td style="text-align: center;">S30</td> </tr> <tr> <td style="text-align: center;">S36</td> <td style="text-align: center;">S31</td> </tr> <tr> <td colspan="2" style="text-align: center;">2002</td> </tr> </table>	T33N		R13E	R14E	S25	S30	S36	S31	2002	
T33N											
R13E	R14E										
S25	S30										
S36	S31										
2002											
	Deposit a magnet in a white plastic case at the base of the stainless steel post.										
	Land, broken.										
	Soil, sandy with sandstone outcrops.										
	Timber, scattered juniper and pinon; undergrowth, sagebrush and native grasses.										
	North, bet. secs. 25 and 30.										
	Over rolling to broken land.										
0.90	Dry sandy wash, 5 ft. wide, 1 ft. deep, drains S. 88° W.										
5.90	Top of ridge, bears S. 45° E. and N. 45° W., descend.										
8.70	Dry sandy wash, 4 ft. wide, 6 ins. deep, drains N. 39° W., ascend.										
17.60	Coal slurry pipe line, bears S. 84° E. and N. 84° W.										
17.85	Trail road on top of ridge, 10 ft. wide, bears S. 81° E. and N. 81° W.										
18.80	Barbed wire fence, 5 strand, bears S. 82° E. and N. 82° W.										

**Survey of the East Boundary,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
25.40	Dry sandy wash, 4 ft. wide, 6 ins. deep, drains S. 63° W. and trail road, 10 ft. wide, bears S. 16° E. and N. 16° W.
30.90	Dry sandy wash, 5 ft. wide, 10 ins. deep, drains N. 78° W., ascend.
36.40	Top of ridge, bears S. 38° E. and N. 38° W.
40.00	Point for the 1/4 sec. cor. of secs. 25 and 30.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.  <div style="text-align: center;">           T33N            R13E   R14E            1/4            S25   S30            2002         </div>
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
42.30	Dry sandy wash, 6 ft. wide, 3 ins. deep, drains S. 56° W.
48.90	Top of mesa, across rolling land through scattered juniper bushes.
57.40	Top of mesa, descend.
62.70	Dry sandy wash, 12 ft. wide, 6 ins. deep, drains N. 55° W.
64.90	Top of ridge, bears S. 40° E. and N. 40° W.
68.20	Dry sandy wash, 15 ft. wide, 1 ft. deep, drains S. 78° W.
77.45	Trail road, 10 ft. wide, bears N. 73° E. and S. 73° W.
80.00	Point for the cor. of secs. 19, 24, 25, and 30.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.  <div style="text-align: center;">           T33N            R13E   R14E            S24   S19            ————            S25   S30            2002         </div>
	Deposit a magnet in a white plastic case at the base of the stainless steel post.

**Survey of the East Boundary,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Land, rolling to broken. Soil, sandy and rocky. Timber, scattered juniper; undergrowth, sagebrush and native grasses.</p> <hr/> <p>North, bet. secs. 19 and 24.</p> <p>Over rolling to broken land.</p>
1.30	Dry sandy wash, 5 ft. wide, 8 ins. deep, drains W.
4.60	Dry sandy wash, 5 ft. wide, 10 ins. deep, drains E.
6.90	Dry sandy wash, 5 ft. wide, 10 ins. deep, drains S. 26° W., ascend gradually.
29.90	Top of ridge, bears S. 34° E. and S. 80° W.
40.00	<p>Point for the 1/4 sec. cor. of secs. 19 and 24.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T33N R13E    R14E   1/4 S24   S19   2002</p> </div> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
55.10	Dry sandy wash, 5 ft. wide, 3 ins. deep, drains N. 9° E.
80.00	<p>Point for the cor. of secs. 13, 18, 19 and 24.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T33N R13E   R14E   S13   S18 -----   S24   S19   2002</p> </div> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>

**Survey of the East Boundary,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	Land, rolling to broken. Soil, sandy. Undergrowth, sagebrush and native grasses.
	North, bet. secs. 13 and 18.
	Over rolling and broken land.
5.00	Dry sandy wash, 6 ft. wide, 6 ins. deep, drains N. 64° W.
14.70	Dry sandy wash, 5 ft. wide, 2 ft. deep, drains N. 82° W.
21.00	Ridge, bears N. 80° E. and S. 80° W.
24.50	Dry sandy wash, 4 ft. wide, 6 ins. deep, drains S. 80° W.
26.30	Ridge, bears N. 70° E. and S. 70° W.
28.90	Dry sandy wash, 7 ft. wide, 6 ins. deep, drains N. 45° W.
32.90	Ridge, bears E. and W.
36.90	Dry sandy wash, 5 ft. wide, 2 ft deep, drains N. 39° W.
38.40	Toe of ridge.
40.00	Point for the 1/4 sec. cor. of secs. 13 and 18, falls on the south face of a very steep slope, impractical to monument.
	From this point, the point selected for a witness cor. to the 1/4 sec. cor. of secs. 13 and 18, bears S. 20°00' W., 1.44 chs. dist.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Ascend.
40.50	Top of spur, bears S. 34° E., descend.
42.70	Toe of spur.

**Survey of the East Boundary,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS													
52.20	Saddle, bears E. and W., and toe of slope, across rolling to broken land.												
54.00	Top of mesa, bears E., descend.												
58.10	Toe of mesa, across rolling land.												
60.80	Top of mesa, bears S. 50° E. and N. 50° W., descend.												
63.40	Dry sandy wash, 13 ft. wide, 3 ins deep, drains S. 58° W.												
66.90	Ridge, bears S. 60° E. and N. 60° W.												
68.90	Dry sandy wash, 3 ft. wide, 6 ins. deep, drains N. 61° W.												
71.20	Ridge, bears S. 68° E. and N. 68° W.												
75.80	Spur, slopes N. 34° E.												
80.00	Point for the cor. of secs. 7, 12, 13 and 18.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.												
	<table style="margin: auto;"> <tr><td colspan="2">T33N</td></tr> <tr><td>R13E</td><td>R14E</td></tr> <tr><td>S12</td><td>S7</td></tr> <tr><td colspan="2">-----</td></tr> <tr><td>S13</td><td>S18</td></tr> <tr><td colspan="2">2002</td></tr> </table>	T33N		R13E	R14E	S12	S7	-----		S13	S18	2002	
T33N													
R13E	R14E												
S12	S7												
-----													
S13	S18												
2002													
	Deposit a magnet in a white plastic case at the base of the stainless steel post.												
	Land, rolling to broken. Soil, sandy and rocky. Undergrowth, sagebrush, scattered cacti and native grasses.												
	North, bet. secs. 7 and 12.  Over rolling and broken land.												
3.30	Dry sandy wash, 4 ft. wide, 6 ins. deep, drains S. 57° E..												
24.88	Intersect line 312-313 of the Hopi - Navajo Indian partition line, segment "D", point for a crossing closing cor.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.												

**Survey of the East Boundary,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	T33N R13E   R14E NAVAJO S12   S7 <hr style="width: 10%; margin: 0 auto;"/> HOPI C C 2002
	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>From this cor. point, AP 312 of the Hopi - Navajo partition line, segment "D", bears S. 89°53'E., 34.17 chs. dist., monumented with an iron post, 2½ ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. NAVAJO AP D-312 HOPI 1979. Add the marks 2002 to the brass cap.</p> <p>Cor. located in a fence cor., with barbed wire fences, 5 strand, extending N. and W.</p> <p>From the same cor. point, AP 313 of the Hopi - Navajo partition line, segment "D", bears N. 89°53' W., 5.83 chs. dist., monumented with an iron post, 2½ ins. diam., firmly set, flush with ground, in a cement collar, with brass cap mkd. NAVAJO HOPI AP D-313 1979. Add the marks 2002 to the brass cap.</p> <p>Cor. located beneath a five strand barbed wire fence, bears E. and W.</p> <p>Leave the Hopi reservation, enter the Navajo reservation.</p>
30.20	Dry sandy wash, 3 ft. wide, 18 ins. deep, drains N. 50° W.
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, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p>
	T33N R13E R14E 1/4 S12   S7 2002
78.20	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Narrow Wash, 100 ft. wide, 2 ft. deep, drains N. 46° W.</p>
80.00	Point for the cor. of secs. 1, 6, 7 and 12.

**Survey of the East Boundary,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS																							
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2" style="text-align: center;">T33N</td></tr> <tr><td style="text-align: center;">R13E</td><td style="text-align: center;">R14E</td></tr> <tr><td style="text-align: center;">S1</td><td style="text-align: center;">S6</td></tr> <tr><td colspan="2" style="text-align: center;">-----</td></tr> <tr><td style="text-align: center;">S12</td><td style="text-align: center;">S7</td></tr> <tr><td colspan="2" style="text-align: center;">2002</td></tr> </table> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Land, rolling and broken. Soil, sandy. Timber, scrub juniper; undergrowth, sagebrush and native grasses.</p> <hr/> <p>North, bet. secs. 1 and 6.</p> <p>Over level ground.</p> <p>1.50 Toe of mesa.</p> <p>7.90 Top of mesa, across level land.</p> <p>10.10 Top of mesa, descend.</p> <p>15.35 Trail road, 10 ft. wide, bears S. 84° E. and N. 84° W.</p> <p>18.40 Graded road, 25 ft. wide, bears N. 64° E. and S. 64° W.</p> <p>19.40 Power line, bears S. 77° E. and N. 77° W.</p> <p>32.05 Trail road, 10 ft. wide, bears N. 76° E. and S. 76° W.</p> <p>35.20 Graded road, 25 ft. wide, bears S. 76° E. and N. 76° W.</p> <p>40.00 Point for the 1/4 sec. cor. of secs. 1 and 6.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2" style="text-align: center;">T33N</td></tr> <tr><td style="text-align: center;">R13E</td><td style="text-align: center;">R14E</td></tr> <tr><td colspan="2" style="text-align: center;">1/4</td></tr> <tr><td style="text-align: center;">S1</td><td style="text-align: center;">S6</td></tr> <tr><td colspan="2" style="text-align: center;">2002</td></tr> </table> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>	T33N		R13E	R14E	S1	S6	-----		S12	S7	2002		T33N		R13E	R14E	1/4		S1	S6	2002	
T33N																							
R13E	R14E																						
S1	S6																						
-----																							
S12	S7																						
2002																							
T33N																							
R13E	R14E																						
1/4																							
S1	S6																						
2002																							



**Survey of the East Boundary,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS															
53.50	Trail road, 10 ft. wide, bears N. 55° W. and S. 55° E.														
57.80	Top of mesa, descend.														
57.90	Toe of mesa, across level land.														
80.00	Point for the cor. of Tps. 33 and 34 N., Rs. 13 and 14 E.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., flush with the ground, with brass cap mkd.														
	<table border="1"> <tr><td colspan="2">T34N</td></tr> <tr><td>R13E</td><td>R14E</td></tr> <tr><td>S36</td><td>S31</td></tr> <tr><td colspan="2">—</td></tr> <tr><td>S1</td><td>S6</td></tr> <tr><td colspan="2">T33N</td></tr> <tr><td colspan="2">2002</td></tr> </table>	T34N		R13E	R14E	S36	S31	—		S1	S6	T33N		2002	
T34N															
R13E	R14E														
S36	S31														
—															
S1	S6														
T33N															
2002															
	Deposit a magnet in a white plastic case at the base of the stainless steel post.														
	Land, rolling to level. Soil, sandy. Undergrowth, sagebrush, cacti and native grasses.														
<hr/>															
<p><b>Survey of the North Boundary, T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona</b></p> <hr/>															
	From the cor. of Tps. 33 and 34 N., Rs. 13 and 14 E., hereinbefore described.														
	West, bet. secs. 1 and 36, on the N. bdy. of the Tp.														
	Over level to rolling land.														
40.00	Point for the 1/4 sec. cor. of secs. 1 and 36.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., flush with the ground, with brass cap mkd.														
	<table border="1"> <tr><td>T34N</td><td>R13E</td></tr> <tr><td colspan="2">S36</td></tr> <tr><td colspan="2">1/4 ———</td></tr> <tr><td colspan="2">S1</td></tr> <tr><td colspan="2">T33N</td></tr> <tr><td colspan="2">2002</td></tr> </table>	T34N	R13E	S36		1/4 ———		S1		T33N		2002			
T34N	R13E														
S36															
1/4 ———															
S1															
T33N															
2002															
	from which														

**Survey of the North Boundary,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS											
	<p style="text-align: center;">An octagonal log hogan, 25 ft. diam., bears S. 15° W., 98 lks. dist.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>										
42.25	Intersect east side of Anna Big Nose's house, 40 x 25 ft., side bears S. 10° E. and N. 10° W.										
51.10	Trail road, 12 ft. wide, bears S. 73° E. and N. 73° W.										
55.65	Navajo road No. 21, 35 ft. wide, bears S. 32° E. and N. 32° W.										
73.50	Trail road, 12 ft. wide, bears N. 73° E. and S. 73° W.										
80.00	Point for the cor. of secs. 1, 2, 35, and 36.										
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">T34N</td> <td style="text-align: center;">R13E</td> </tr> <tr> <td style="text-align: center;">S35</td> <td style="text-align: center;">S36</td> </tr> <tr> <td style="text-align: center;">S2</td> <td style="text-align: center;">S1</td> </tr> <tr> <td colspan="2" style="text-align: center;">T33N</td> </tr> <tr> <td colspan="2" style="text-align: center;">2002</td> </tr> </table> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Land, rolling to level. Soil, sandy. Undergrowth, sagebrush and native grasses.</p> <hr/> <p>West, bet. secs. 2 and 35.</p> <p>Over rolling land.</p>	T34N	R13E	S35	S36	S2	S1	T33N		2002	
T34N	R13E										
S35	S36										
S2	S1										
T33N											
2002											
17.80	Trail road, 12 ft. wide, bears N. 46° E. and S. 46° W.										
23.75	Trail road, 12 ft. wide, bears S. 72° E. and N. 72° W.										
40.00	Point for the 1/4 sec. cor. of secs. 2 and 35.										
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p>										

**Survey of the North Boundary,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	T34N R13E S35 1/4 ——— S2 T33N 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
80.00	Point for the cor. of secs. 2, 3, 34, and 35.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T34N R13E S34   S35 ———   ——— S3   S2 T33N 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Land, rolling. Soil, sandy. Undergrowth, sagebrush and native grasses.
	<hr/> West, bet. secs. 3 and 34.  Over rolling land.
12.05	Water line, bears S. 57° E. and N. 57° W.
13.25	Power line, bears S. 56° E. and N. 56° W.
14.00	Trail road, 10 ft. wide, bears S. 55° E. and N. 55° W.
14.47	Intersect line 325-326 of the Navajo-Hopi Partition line, segment "D", point for a crossing closing cor.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

**Survey of the North Boundary,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	T34N R13E S34 \ NAVAJO C     /     — C S3   / HOPI T33N 2002
	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>From this cor. point, AP D 325 on the Navajo - Hopi partition line, segment "D", bears S. 57°20' E., 11.51 chs. dist., monumented with a copper coated steel stake, firmly set, 6 ins. below the ground, with a 1½ in. diam. brass cap mkd. AP D-325 HOPI NAVAJO 1979.</p> <p>from which</p> <p style="padding-left: 40px;">An iron post, 2½ ins. diam., firmly set, projecting 20 ins. above the ground, for a reference monument, bears N. 46¼° E., 75.0 ft. dist., with brass cap mkd. RM NIR AP D-325 75 FT 1979 and an arrow pointing to the cor.</p> <p style="padding-left: 40px;">An iron post, 2½ ins. diam., firmly set, projecting 20 ins. above the ground, for a reference monument, bears S. 46¼° W., 74.7 ft. dist., with brass cap mkd. RM HIR AP D-325 75 FT 1979 and an arrow pointing to the cor. (Record, 75 ft. dist.)</p> <p>Add the marks 2002 to the brass caps.</p> <p>From this same cor. point, AP 326 on the Navajo - Hopi Partition line, segment "D", bears N. 57°20' W., 4.44 chs. dist., monumented with a copper coated steel stake, firmly set, 20 ins. below the ground, with a 1½ in. diam. brass cap mkd. AP D-326 NAVAJO HOPI 1979.</p> <p>from which</p> <p style="padding-left: 40px;">An iron post, 2½ ins. diam., firmly set, projecting 3 ins. above the ground, for a reference monument, bears N. 6½° E., 75.0 ft. dist., with brass cap mkd. RM NIR AP D-326 75 FT 1979 and an arrow pointing to the cor.</p> <p style="padding-left: 40px;">An iron post, 2½ ins. diam., firmly set, projecting 10 ins. above the ground, for a reference monument, bears S. 6½° W., 74.5 ft. dist., with brass cap mkd. RM HIR AP D-325 75 FT 1979 and an arrow pointing to the cor. (Record, 75 ft. dist.)</p> <p>Add the marks 2002 to the brass caps.</p>

**Survey of the North Boundary,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	Leave the Navajo Reservation, enter the Hopi Reservation.
16.38	Barbed wire fence, 5 strand, bears S. 57° E. and N. 57° W..
21.85	Barbed wire fence, 5 strand, bears N. 70° E. and S. 70° W..
24.93	Intersect line 326-327 of the Navajo-Hopi Partition line, segment "D", point for a crossing closing cor.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.  <div style="text-align: center;"> <p>T34N R13E S34 NAVAJO C C ——— S3 HOPI T33N 2002</p> </div> Deposit a magnet in a white plastic case at the base of the stainless steel post.  From this cor. point, AP 326 on the Navajo - Hopi partition line, segment "D", bears N. 70°23' E., 7.14 chs., hereinbefore described.  From this same cor. point, AP 327 on the Navajo - Hopi Partition line, bears S. 70°23' W., 5.94 chs. dist., monumented with a copper coated steel stake, firmly set, 6 ins. below the ground, with a 1½ in. diam. brass cap mkd. NAVAJO HOPI AP D-327 1979.  from which  An iron post, 2½ ins. diam., firmly set, projecting 3 ins. above the ground, for a reference monument, bears N. 20½° W., 75.0 ft. dist., with brass cap mkd. RM NIR AP D-327 75 FT 1979 and an arrow pointing to the cor.  Add the marks 2002 to the brass cap.  Leave the Hopi Reservation, enter the Navajo Reservation.
26.10	Trail road, 10 ft. wide, bears N. 64° E. and S. 64° W.
26.90	Water line, bears N. 70° E. and S. 70° W.
32.30	Power line, bears N. 74° E. and S. 74° W.
40.00	Point for the 1/4 sec. cor. of secs. 3 and 34.

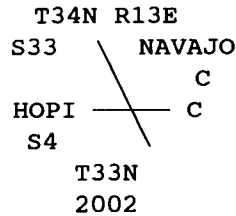
**Survey of the North Boundary,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T34N R13E S34 1/4 ——— S3 T33N 2002</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Over level ground, through dense scrub cedar bushes.</p>
45.90	Top of earthen dam, bears N. and S.
77.30	Power line, bears S. 3° E. and N. 3° W.
80.00	Point for the cor. of secs. 3, 4, 33 and 34.
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T34N R13E S33   S34 ——— S4   S3 T33N 2002</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Land, rolling to level. Soil, sandy. Timber, scrub cedar; undergrowth, sagebrush, cacti and native grasses.</p> <hr/> <p>West, bet. secs. 4 and 33.</p> <p>Over level ground, through dense scrub cedar.</p>
0.65	Water line, bears S. 40° E. and N. 40° W.
0.95	Trail road, 12 ft. wide, bears S. 29° E. and N. 29° W.
1.31	Intersect line 336-337 of the Navajo-Hopi partition line, Segment "D", point for crossing closing cor.

**Survey of the North Boundary,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.



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

From the cor. point, AP 336 of the Navajo - Hopi partition line, segment "D", bears S. 35°56' E., 3.60 chs. dist., monumented with a copper coated steel stake, firmly set, 11 ins. below the ground, with a 1½ in. diam. brass cap mkd. HOPI NAVAJO APD-336 1979.

from which

An iron post, 2½ ins. diam. firmly set, projecting 3 ins. above the ground, for a reference monument, bears N. 65½° E., 75.0 ft. dist., with brass cap mkd. RM NIR AP D-336 75 FT 1979 and an arrow pointing to the cor.

An iron post, 2½ ins. diam., firmly set, flush with the ground, for a reference monument, bears S. 65½° W., 74.6 ft. dist., with brass cap mkd. RM HIR AP D-336 75 FT 1979 and an arrow pointing to the cor. (Record, 75 ft. dist.)

Add the marks 2002 to the brass caps.

From this same cor. point AP 337, on the Navajo - Hopi Partition line, segment "D", bears N. 35°56' W., 2.78 chs. dist., monumented with a copper coated steel stake, firmly set, 14 ins. below the ground, with a 1½ in. diam. brass cap, marked AP D-337 NAVAJO HOPI 1979.

from which

An iron post, 2½ ins. diam., firmly set, flush with the ground, for a reference monument, bears N. 18¾° E., 75.0 ft. dist., with brass cap mkd. RM NIR AP D-337 75 FT 1979 and an arrow pointing to the cor.

An iron post, 2½ ins. diam., firmly set, flush with the ground, for a reference monument, bears S. 18¾° W., 75.0 ft. dist., with brass cap mkd. RM HIR AP D-337 75 FT 1979 and an arrow pointing to the cor.

**Survey of the North Boundary,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	Add the marks 2002 to the brass caps.
	Leave the Navajo reservation, enter the Hopi reservation.
2.50	Barbed wire fence, 5 strand, bears S. 34° E. and N. 34° W.
8.25	Barbed wire fence, 5 strand, bears N. 45° E. and S. 45° W.
9.80	Intersect line 338-339 of the Navajo-Hopi partition line, Segment "D", point for crossing closing cor.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 6 ins. below the ground, with brass cap mkd.
	T34N R13E NAVAJO C S33 / C ——— / S4 / HOPI T33N 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	from which
	A stainless steel post, 28 ins. long, 2½ ins. diam., set 23 ins. in the ground, for a reference monument, bears S. 89° W., 82.8 ft. dist., with brass cap mkd. RM T33N R13E 82.8 FT S4 2002 and an arrow pointing to the cor.
	A stainless steel post, 28 ins. long, 2½ ins. diam., set 23 ins. in the ground, for a reference monument, bears S. 1° E., 101.3 ft. dist., with brass cap mkd. RM T33N R13E 101.3 FT S4 2002 and an arrow pointing to the cor.
	From this cor. point AP 338, on the Navajo - Hopi partition line, segment "D", bears N. 44°26' E., 0.37 ch. dist., monumented with a copper coated steel stake, firmly set, 18 ins. below the ground, with a 1½ in. diam. brass cap, mkd. NAVAJO HOPI AP D-338 1979.
	from which
	An iron post, 2½ ins. diam., firmly set, flush with the ground, for a reference monument, bears S. 31¼° E., 75.0 ft. dist., with brass cap mkd. RM HIR AP D-338 75 FT 1979 and an arrow pointing to the cor.



**Survey of the North Boundary,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>An iron post, 2½ ins. diam., firmly set, flush with the ground, for a reference monument, bears N. 31¼° W., 75.0 ft. dist., with brass cap mkd. RM NIR AP D-338 75 FT 1979 and an arrow pointing to the cor.</p> <p>Add the marks 2002 to the brass caps.</p> <p>From this same cor. point, AP 339 of the Navajo - Hopi partition line, segment "D", bears S. 44°26' W., 3.90 chs. dist., monumented with a copper coated steel stake, firmly set, 20 ins. below the ground, with a 1½ in. diam. brass cap mkd. NAVAJO HOPI AP D-339 1979.</p> <p>from which</p> <p>An iron post, 2½ ins. diam., firmly set, flush with the ground, for a reference monument, bears S. 26° E., 75.0 ft. dist., with brass cap mkd. RM HIR AP D-339 75 FT 1979 and an arrow pointing to the cor.</p> <p>An iron post, 2½ ins. diam., firmly set, flush with the ground, for a reference monument, bears N. 26° W., 75.0 ft. dist., with brass cap mkd. RM NIR AP D-339 75 FT 1979 and an arrow pointing to the cor.</p> <p>Add the marks 2002 to the brass caps.</p> <p>Leave Hopi Reservation, enter Navajo Reservation.</p>
14.60	Questar Southern Trails gas pipeline, bears N. 25° E. and S. 25° W..
15.00	Navajo road #21, graded, 30 ft. wide, bears N. 25° E. and S. 25° W..
15.60	Phone line, bears N. 25° E. and S. 25° W..
17.50	Toe of sandstone mesa, ascend.
40.00	<p>Point for the 1/4 sec. cor. of secs. 4 and 33, falls on a sandstone surface.</p> <p>Set a brass tablet, 3¼ ins. diam., 3½ in. stem, in a drill hole, in sandstone, with top mkd.</p> <p style="text-align: center;">T34N R13E S33 1/4 ——— S4 T33N 2002</p>

**Survey of the North Boundary,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS													
55.40	Top of mesa.												
80.00	Point for the cor. of secs. 4, 5, 32 and 33, falls on a sandstone surface.  Set a brass tablet, 3¼ ins. diam., 3½ in. stem, in a drill hole, in sandstone, with top mkd.												
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>T34N</td> <td>R13E</td> </tr> <tr> <td>S32</td> <td>S33</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black;"></td> </tr> <tr> <td>S5</td> <td>S4</td> </tr> <tr> <td colspan="2" style="text-align: center;">T33N</td> </tr> <tr> <td colspan="2" style="text-align: center;">2002</td> </tr> </table>	T34N	R13E	S32	S33			S5	S4	T33N		2002	
T34N	R13E												
S32	S33												
S5	S4												
T33N													
2002													
	Land, rolling to broken. Soil, sandy and rocky. Undergrowth, sage brush and native grasses.												
	West, bet. secs. 5 and 32.												
	Over rolling land.												
5.40	Trail road, 10 ft. wide, bears N. 40° E. and S. 40° W.												
38.80	Trail road, 10 ft. wide, bears N. 63° E. and S. 63° W.												
40.00	Point for the 1/4 sec. cor. of secs. 5 and 32.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., flush with the ground, with brass cap mkd.												
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>T34N</td> <td>R13E</td> </tr> <tr> <td></td> <td>S32</td> </tr> <tr> <td>1/4</td> <td>_____</td> </tr> <tr> <td></td> <td>S5</td> </tr> <tr> <td colspan="2" style="text-align: center;">T33N</td> </tr> <tr> <td colspan="2" style="text-align: center;">2002</td> </tr> </table>	T34N	R13E		S32	1/4	_____		S5	T33N		2002	
T34N	R13E												
	S32												
1/4	_____												
	S5												
T33N													
2002													
	Cor. located N. 55° E., 1.29 chs. dist. of a sheep corral.  Deposit a magnet in a white plastic case at the base of the stainless steel post.												
46.15	Trail road, 10 ft. wide, bears N. 57° E. and S. 57° W.												
48.90	Power line, bears S. 81° E. and N. 81° W.												
54.60	Trail road, 10 ft. wide, bears S. 20° E. and N. 20° W.												
61.10	Trail road, 10 ft. wide, bears S. 66° E. and N. 66° W.												

**Survey of the North Boundary,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS													
69.35	Trail road, 10 ft. wide, bears S. 14° E. and N. 14° W.												
74.65	Trail road, 10 ft. wide, bears, N. 46° E. and S. 46° W.												
80.00	Point for the cor. of secs. 5, 6, 31 and 32.												
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.												
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2">T34N R13E</td> </tr> <tr> <td style="border-right: 1px solid black;">S31</td> <td>S32</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black;"></td> </tr> <tr> <td style="border-right: 1px solid black;">S6</td> <td>S5</td> </tr> <tr> <td colspan="2" style="text-align: center;">T33N</td> </tr> <tr> <td colspan="2" style="text-align: center;">2002</td> </tr> </table>	T34N R13E		S31	S32			S6	S5	T33N		2002	
T34N R13E													
S31	S32												
S6	S5												
T33N													
2002													
	Deposit a magnet in a white plastic case at the base of the stainless steel post.												
	Land, rolling to level.												
	Soil, sandy.												
	Undergrowth, sage brush and native grasses.												
	<hr/>												
	West, bet. secs. 6 and 31.												
	Over rolling land.												
0.60	East right-of-way fence Highway 160, barbed wire, 5 strand, bears N. 50½° E. and S. 50½° W.												
3.00	Highway 160, 33 ft. wide, asphalt, bears N. 51° E. and S. 51° W.												
7.85	West right-of-way fence, Highway 160, barbed wire, 5 strand, bears N. 52° E. and S. 52° W.												
27.10	Power line with a trail road beneath, bears S. 17° E. and N. 17° W.												
40.00	Point for the 1/4 sec. cor. of secs. 6 and 31.												
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.												
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2">T34N R13E</td> </tr> <tr> <td colspan="2" style="text-align: center;">S31</td> </tr> <tr> <td colspan="2" style="text-align: center;">1/4 ———</td> </tr> <tr> <td colspan="2" style="text-align: center;">S6</td> </tr> <tr> <td colspan="2" style="text-align: center;">T33N</td> </tr> <tr> <td colspan="2" style="text-align: center;">2002</td> </tr> </table>	T34N R13E		S31		1/4 ———		S6		T33N		2002	
T34N R13E													
S31													
1/4 ———													
S6													
T33N													
2002													

**Survey of the North Boundary,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Over rolling to level land.
45.85	Trail road, 10 ft. wide, bears N. 34° E. and S. 34° W.
71.60	Trail road, 10 ft. wide, bears N. 50° E., S. 50° W.
79.47	The cor. of Tps. 33 and 34 N., R. 13 E. only, hereinbefore described.
	Land, level to rolling. Soil, sandy. Undergrowth, sagebrush, cacti and native grasses.
<hr/> <p><b>Survey of the Subdivisional Lines, T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona</b></p> <hr/>	
	From the stan. cor. of secs. 35 and 36, on the S. bdy. of the Tp., hereinbefore described.
	N. 0°01' W., bet. secs. 35 and 36.
	Over rolling land.
4.40	Trail road, 10 ft. wide, bears N. 74° E. and S. 74° W.
13.10	Dry sandy wash, 4 ft. wide, 6 ins. deep, drains N. 75° W.
19.60	Southerly branch, dry sandy wash, 3 ft. wide, 4 ins. deep, drains N. 63° W.
20.10	Northerly branch, dry sandy wash, 3 ft. wide, 6 ins. deep, drains S. 55° W.
39.65	Trail road, 10 ft. wide, bears S. 54° E. and N. 54° W.
40.00	Point for the 1/4 sec. cor. of secs. 35 and 36.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.
	T33N R13E 1/4 S35   S36 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS											
56.30	Dry sandy wash, 6 ft. wide, 6 ins. deep, drains S. 55° W.										
69.70	Dry sandy wash, 3 ft. wide, 4 ins. deep, drains S. 64° W.										
80.00	Point for the cor. of secs. 25, 26, 35 and 36.										
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.										
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2">T33N R13E</td> </tr> <tr> <td style="border-right: 1px solid black;">S26</td> <td>S25</td> </tr> <tr> <td style="border-right: 1px solid black;">S35</td> <td>S36</td> </tr> <tr> <td colspan="2" style="text-align: center;">2002</td> </tr> </table>	T33N R13E		S26	S25	S35	S36	2002			
T33N R13E											
S26	S25										
S35	S36										
2002											
	Deposit a magnet in a white plastic case at the base of the stainless steel post.										
	Land, rolling.										
	Soil, sandy.										
	Undergrowth, sagebrush and native grasses.										
	<hr/>										
	From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., hereinbefore described.										
	West, bet. secs. 25 and 36.										
	Ascend over rolling land.										
9.90	Top of mesa.										
16.20	Dry sandy wash, 7 ft. wide, 4 ins. deep, drains S. 39° E.										
39.30	Dry sandy wash, 6 ft. wide, 6 ins. deep, drains S. 10° E.										
40.00	Point for the 1/4 sec. cor. of secs. 25 and 36.										
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.										
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2">T33N R13E</td> </tr> <tr> <td colspan="2" style="text-align: center;">S25</td> </tr> <tr> <td style="text-align: center;">1/4</td> <td style="border-top: 1px solid black;">———</td> </tr> <tr> <td colspan="2" style="text-align: center;">S36</td> </tr> <tr> <td colspan="2" style="text-align: center;">2002</td> </tr> </table>	T33N R13E		S25		1/4	———	S36		2002	
T33N R13E											
S25											
1/4	———										
S36											
2002											
	from which										
	A juniper, 16 ins. diam., bears N. 15½° E., 162 lks. dist., mkd. 1/4 S25 BT.										

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	A juniper, 4 ins. diam., bears S. 87° W., 154 lks. dist., mkd. X BT.
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
40.90	Dry sandy wash, 3 ft. wide, 6 ins. deep, drains N. 48° E.
41.50	Dry sandy wash, 3 ft. wide, 6 ins. deep, drains N. 60° W.
41.90	Dry sandy wash, 3 ft. wide, 6 ins. deep, drains N. 68° E.
42.80	Dry sandy wash, 3 ft. wide, 6 ins. deep, drains S. 14° E.
44.00	Dry sandy wash, 3 ft. wide, 6 ins. deep, drains N. 35° E.
45.30	Dry sandy wash, 3 ft. wide, 6 ins. deep, drains S. 45° W.
47.30	Dry sandy wash, 3 ft. wide, 6 ins. deep, drains N. 64° E.
47.70	Dry sandy wash, 3 ft. wide, 6 ins. deep, drains N. 4° W.
60.10	Trail road, 10 ft. wide, bears N. 40° E. and S. 40° W.
78.35	Trail road, 10 ft. wide, bears S. 26° E. and N. 26° W.
80.00	The cor. of secs. 25, 26, 35 and 36.
	Land, rolling. Soil, sandy. Timber, scrub juniper; undergrowth, sagebrush and native grasses.
	N. 0°01' W., bet. secs. 25 and 26.
	Over rolling land.
3.65	Trail road, 10 ft. wide, bears S. 32° E. and N. 32° W.
5.50	Coal slurry pipe line, bears N. 76° E. and S. 76° W.
5.65	Graded road, 12 ft. wide, bears N. 76° E. and S. 76° W.
7.83	Barbed wire fence, 5 strand, bears N. 77° E. and S. 77° W.
33.20	Bitter Springs Wash, 16 ft. wide, 1 ft. deep, drains N. 38° W.
40.00	Point for the 1/4 sec. cor. of secs. 25 and 26.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	T33N R13E 1/4 S26   S25 2002
	from which  A cottonwood, 4 ins. diam., bears S. 43¼° E., 53 lks. dist., mkd. X BT.  A copper stake, 1 in. diam., with a 1½ in. diam. copper cap mkd. HOPI TUTSAWA RU-251 BITTER SPRING 2002 and a triangle with a dimple in the middle, bears N. 11°49' E., 3.09 chs. dist.  Deposit a magnet in a white plastic case at the base of the stainless steel post.  Cor. located 3.72 chs., N. 48°35' E., of a concrete well housing, 5 ft. sq. by 3½ ft. high. and 3.52 chs., N. 44°31' E., of 4 X 4 X 4 ft. concrete pump station, I-3-5.
80.00	Point for the cor. of secs. 23, 34, 25 and 26.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.  <div style="text-align: center;">             T33N R13E              S23   S24              -----              S26   S25              2002           </div> Deposit a magnet in a white plastic case at the base of the stainless steel post.  Land, rolling. Soil, sandy. Undergrowth, sagebrush and native grasses.
	<hr/> 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 to broken land.
36.20	Dry sandy wash, 6 ft. wide, 2 ft. deep, drains S. 1° E.
40.00	Point for the 1/4 sec. cor. of secs. 24 and 25.

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T33N R13E S24 1/4 ——— S25 2002</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
50.35	<p>Graded road, 15 ft. wide, bears S. 26° E. and N. 26° W.</p> <p>Across level to rolling land.</p>
53.00	Toe of mesa, ascend.
63.50	Top of mesa.
80.00	<p>The cor. of secs. 23, 24, 25 and 26.</p> <p>Land, rolling to level. Soil, sandy. Undergrowth, sage brush and native grasses.</p> <hr/> <p>N. 0°01' W., bet. secs. 23 and 24.</p> <p>Over rolling land</p>
6.80	Dry sandy wash, 6 ft. wide, 2 ft. deep, drains S. 86° W.
19.70	Trail road, 10 ft. wide, bears N. 82° E. and S. 82° W.
20.80	Trail road, 10 ft. wide, bears N. 56° E. and S. 56° W.
25.20	Graded road, 30 ft. wide, bears S. 86° E. and N. 86° W.
30.40	Dry sandy wash, 6 ft. wide, 2 ft. deep, drains S. 39° W.
40.00	<p>Point for the 1/4 sec. cor. of secs. 23 and 24.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T33N R13E 1/4 S23   S24 2002</p>



**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS											
	Deposit a magnet in a white plastic case at the base of the stainless steel post.										
52.90	Dry sandy wash, 4 ft. wide, 1 ft. deep, drains S. 38° W.										
80.00	Point for the cor. of secs. 13, 14, 23 and 24.										
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.										
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>T33N</td> <td>R13E</td> </tr> <tr> <td>S14</td> <td>S13</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black;"></td> </tr> <tr> <td>S23</td> <td>S24</td> </tr> <tr> <td colspan="2" style="text-align: center;">2002</td> </tr> </table>	T33N	R13E	S14	S13			S23	S24	2002	
T33N	R13E										
S14	S13										
S23	S24										
2002											
	Deposit a magnet in a white plastic case at the base of the stainless steel post.										
	Land, rolling. Soil, sandy. Timber, scrub juniper; undergrowth, sagebrush 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.										
	Over broken land, through scrub cedar.										
33.40	Dry sandy wash, 7 ft. wide, 1 ft. deep, drains N. 67° W.										
40.00	Point for the 1/4 sec. cor. of secs. 13 and 24.										
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.										
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>T33N</td> <td>R13E</td> </tr> <tr> <td></td> <td>S13</td> </tr> <tr> <td>1/4</td> <td style="border-top: 1px solid black;"></td> </tr> <tr> <td></td> <td>S24</td> </tr> <tr> <td colspan="2" style="text-align: center;">2002</td> </tr> </table>	T33N	R13E		S13	1/4			S24	2002	
T33N	R13E										
	S13										
1/4											
	S24										
2002											
	Deposit a magnet in a white plastic case at the base of the stainless steel post.										
	Cor. located 16 lks. E. of drainage, drains N. 40° W.										
46.75	Graded road, 30 ft. wide, bears S. 9° E. and N. 9° W.										

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
80.00	<p>The cor. of secs. 13, 14, 23 and 24.</p> <p>Land, rolling to broken. Soil, sandy. Timber, scrub juniper; undergrowth, sagebrush and native grasses.</p> <hr/> <p>N. 0°01' W., bet. secs. 13 and 14.</p> <p>Over rolling land.</p>
19.00	Dry sandy wash, 5 ft. wide, 6 ins. deep, drains N. 3° W.
32.00	Trail road, 10 ft. wide, bears S. 79° E. and N. 79° W.
40.00	<p>Point for the 1/4 sec. cor. of secs. 13 and 14.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T33N R13E 1/4 S14   S13 2002</p> </div> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
57.00	Trail road, 10 ft. wide, bears N. 43° E. and S. 43° W.
69.30	Graded road, 30 ft. wide, bears S. 42° E. and N. 42° W.
80.00	<p>Point for the cor. of secs. 11, 12, 13 and 14.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T33N R13E S11   S12 ----- S14   S13 2002</p> </div> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Land, rolling. Soil, sandy. Undergrowth, sagebrush and native grasses.</p> <hr/>

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>From the cor. of secs. 7, 12, 13 and 18, on the E. bdy. of the Tp. hereinbefore described.</p> <p>West, bet. secs. 12 and 13.</p> <p>Over broken to rolling land.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 12 and 13.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T33N R13E</p> <p>S12</p> <p>1/4 ———</p> <p>S13</p> <p>2002</p> </div> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
61.10	<p>Top of mesa, descend.</p>
68.80	<p>Toe of mesa, across rolling land.</p>
77.00	<p>Dry sandy wash, 6 ft. wide, 6 ins. deep, drains N. 2° W.</p>
80.00	<p>The cor. of secs. 11, 12, 13 and 14.</p> <p>Land, rolling to broken.</p> <p>Soil, sandy.</p> <p>Undergrowth, sagebrush and native grasses.</p> <hr style="border: 0.5px solid black; margin: 10px 0;"/>
25.03	<p>N. 0°01' W., bet. secs. 11 and 12.</p> <p>Over rolling land.</p> <p>Intersect line 314-315 of the Navajo-Hopi partition line, segment "D", point for a crossing closing cor.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.</p>

Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T33N R13E NA VAJO <hr style="width: 10%; margin: auto;"/> HOPI S11   S12 C C 2002
	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>From this cor. point, AP 314, on the Navajo - Hopi partition line, segment "D", monumented with an iron post, 2½ ins. diam., firmly set, flush with the ground, with brass cap mkd. NAVAJO HOPI AP D-314 1979, bears S. 89°53' E., 34.15 chs. dist.</p> <p>Add the marks 2002 to the brass cap.</p> <p>From the same cor. point, AP 315 of the Navajo - Hopi partition line, segment "D", monumented an iron post, 2½ ins. diam., firmly set, flush the ground, with brass mkd. NAVAJO - HOPI AP D-315 1979, bears N. 89°53' W., 5.85 chs. dist.</p> <p>Add the marks 2002 to the brass cap.</p> <p>Cor. located beneath a barbed wire fence, 5 strand, bears E. and W.</p> <p>Leave the Hopi Indian Reservation, enter the Navajo Reservation.</p>
32.90	Graded road, 25 ft. wide, bears N. 42° E. and S. 42° W.
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, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p>
	T33N R13E 1/4 S11   S12 2002
	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
47.30	Trail road, 10 ft. wide, bears S. 41° E. and N. 41° W.
54.77	Water tank and wind mill, 25 ft. diam., 15 ft high, bears E., 2.53 chs. dist.
58.80	Trail road, 10 ft. wide, bears N. 63° E. and S. 63° W.

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS											
66.05	Trail road, 10 ft. wide, bears N. 48° E. and S. 48° W.										
80.00	Point for the cor. of secs. 1, 2, 11 and 12.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.  <div style="text-align: center;"> <table border="1"> <tr> <td colspan="2">T33N R13E</td> </tr> <tr> <td>S2</td> <td>S1</td> </tr> <tr> <td colspan="2">-----</td> </tr> <tr> <td>S11</td> <td>S12</td> </tr> <tr> <td colspan="2">2002</td> </tr> </table> </div> Deposit a magnet in a white plastic case at the base of the stainless steel post.  Land, rolling. Soil, sandy. Undergrowth, sagebrush and native grasses.	T33N R13E		S2	S1	-----		S11	S12	2002	
T33N R13E											
S2	S1										
-----											
S11	S12										
2002											
	<hr/> From the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the Tp., hereinbefore described.  West, bet. secs. 1 and 12.  Over broken to rolling land.										
2.50	Right bank of Narrow Wash, 2 ft. high, 30 ft. wide, bears S. 80° E and N. 80° W.										
11.00	Right bank of Narrow Wash, 2 ft. high, 30 ft. wide, bears N. 80° E. and S. 80° W.										
14.50	Toe of mesa, ascend.										
17.30	Top of mesa, across rolling to level ground.										
31.35	Graded road, 25 ft. wide, bears N. 58° E. and S. 58° W.										
40.00	Point for the 1/4 sec. cor. of secs. 1 and 12.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.  <div style="text-align: center;"> <table border="1"> <tr> <td colspan="2">T33N R13E</td> </tr> <tr> <td colspan="2">S1</td> </tr> <tr> <td>1/4</td> <td>-----</td> </tr> <tr> <td colspan="2">S12</td> </tr> <tr> <td colspan="2">2002</td> </tr> </table> </div>	T33N R13E		S1		1/4	-----	S12		2002	
T33N R13E											
S1											
1/4	-----										
S12											
2002											

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
61.45	Trail road, 10 ft. wide, bears N. 14° E. and S. 14° W.
80.00	The cor. of secs. 1, 2, 11 and 12.  Land, rolling to broken. Soil, sandy. Undergrowth, sagebrush and native grasses.
	<hr/>
	N. 0°01' W., bet. secs. 1 and 2.  Over rolling to level land.
22.00	Trail road, 10 ft. wide, bears S. 60° E. and N. 60° W.
28.25	Graded road, 25 ft. wide, bears N. 72° E. and S. 72° W.
39.65	Power line, bears S. 73° E. and N. 73° W.
40.00	Point for the 1/4 sec. cor. of secs. 1 and 2.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.
	T33N R13E 1/4 S2   S1 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.  Descend gradually.
42.55	Trail road, 10 ft. wide, bears N. 29° E. and S. 29° W.
59.50	Trail road, 10 ft. wide, bears S. 20° E. and N. 20° W.
69.45	Trail road, 10 ft. wide, bears S. 65° E. and N. 65° W.
78.05	Trail road, 10 ft. wide, bears N. 67° E. and S. 67° W.
80.00	The cor. of secs. 1, 2, 35 and 36, on the N. bdy. of the Tp., hereinbefore described.  Land, rolling. Soil, sandy. Undergrowth, sagebrush, scattered cacti and native grasses.
	<hr/>

Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona

CHAINS	
	From the stan. cor. of secs. 34 and 35, on the S. bdy. of the Tp., hereinbefore described.
	N. 0°01' W., bet. secs. 34 and 35.
	Over rolling to level land.
4.50	Dry sandy wash, 5 ft. wide, 6 ins. deep, drains S. 87° W., ascend.
5.20	Top of mesa, across level to rolling land.
11.00	Trail road, 10 ft. wide, bears N. 38° E. and S. 38° W.
40.00	Point for the 1/4 sec. cor. of secs. 34 and 35.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.
	T33N R13E 1/4 S34   S35 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
41.40	Trail road, 10 ft. wide, bears N. 45° E. and S. 45° W.
52.35	Trail road, 10 ft. wide, bears N. 65° E. and S. 65° W.
66.55	Coal slurry pipe line, bears N. 79° E. and S. 79° W.
66.70	Graded road, 15 ft. wide, bears N. 77° E. and S. 77° W.
72.90	Trail road, 10 ft. wide, bears N. 82° E. and S. 82° W.
80.00	Point for the cor. of secs. 26, 27, 34 and 35.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.
	T33N R13E S27   S26 ———— S34   S35 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Land, rolling. Soil, sandy. Undergrowth, sagebrush and native grasses.</p> <hr/> <p>From the cor. of secs. 25, 26, 35 and 36.</p> <p>West, bet. secs. 26 and 35.</p> <p>Over rolling to level land.</p>
23.30	Coal slurry pipe line, bears N. 76° E. and S. 76° W.
23.95	Graded road, 15 ft. wide, bears N. 75° E. and S. 75° W.
33.62	Barbed wire fence, 5 strand, bears N. 77° E. and S. 77° W.
36.18	Barbed wire fence, 5 strand, bears N. 44° W. and S. 44° E.
40.00	<p>Point for the 1/4 sec. cor. of secs. 26 and 35.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T33N R13E S26 1/4 ——— S35 2002</p> <p>Deposit 4 60d nails at the base of the stainless steel post.</p>
80.00	<p>The cor. of secs. 26, 27, 34 and 35.</p> <p>Land, rolling to level. Soil, sandy. Undergrowth, sagebrush and native grasses.</p> <hr/> <p>N. 0°01' W., bet. secs. 26 and 27.</p> <p>Over rolling land.</p>
34.68	Barbed wire fence, 5 stand, bears N. 88° E. and S. 88° W.
37.40	Right bank of sandy wash, 70 ft. high, bears E. and W.
38.50	Left bank of sandy wash, 70 ft, high, bears E. and W.
40.00	Point for the 1/4 sec. cor. of secs. 26 and 27.



**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T33N R13E 1/4 S27   S26 2002</p> <p>Deposit 4 60d nails at the base of the stainless steel post.</p>
77.50	Trail road, 10 ft. wide, bears N. 74° E. and S. 74° W.
80.00	<p>Point for the cor. of secs. 22, 23, 26 and 27.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T33N R13E S22   S23 ----- S27   S26 2002</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Land, rolling. Soil, sandy. Undergrowth, sagebrush and native grasses.</p> <hr/> <p>From the cor. of secs. 23, 24, 25 and 26.</p> <p>West, bet. secs. 23 and 26.</p> <p>Over rolling land.</p>
34.65	Trail road, 10 ft. wide, bears S. 9° E. and N. 9° W.
40.00	<p>Point for the 1/4 sec. cor. of secs. 23 and 26.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T33N R13E S23 1/4 ----- S26 2002</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
80.00	<p>The cor. of secs. 22, 23, 26 and 27.</p> <p>Land, rolling. Soil, sandy. Undergrowth, sagebrush, scattered Spanish bayonet and native grasses.</p> <hr/> <p>N. 0°01' W., bet. secs. 22 and 23.</p> <p>Over level land.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 22 and 23.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T33N R13E 1/4 S22   S23 2002</p> </div> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
49.40	<p>Graded road, 30 ft. wide, bears S. 61° E. and, N. 61° W.</p>
60.80	<p>Trail road, 10 ft. wide, bears N. 69° E. and S. 69° W.</p>
80.00	<p>Point for the cor. of secs. 14, 15, 22 and 23.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T33N R13E S15   S14 <hr/>S22   S23 2002</p> </div> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Land, level. Soil, sandy. Undergrowth, sagebrush and native grasses.</p> <hr/> <p>From the cor. of secs. 13, 14, 23 and 24.</p> <p>West, bet. secs. 14 and 23.</p>

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	Over rolling land.
27.60	Dry sandy wash, 6 ft. wide, 8 ins. deep, drains S. 41° W.
36.00	Trail road, 10 ft. wide, bears N. 14° E. and S. 14° W.
40.00	Point for the 1/4 sec. cor. of secs. 14 and 23.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.  <div style="text-align: center;">           T33N R13E                  S14            1/4 ———                  S23                  2002         </div>
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
56.25	Trail road, 10 ft. wide, bears N. 50° E. and S. 50° W.
62.00	Trail road, 10 ft. wide, bears S. 12° E. and N. 12° W.
80.00	The cor. of secs. 14, 15, 22 and 23.  Land, rolling. Soil, sandy. Undergrowth, sagebrush and native grasses.
	N. 0°01' W., bet. secs. 14 and 15.
	Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 14 and 15.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.  <div style="text-align: center;">           T33N R13E                  1/4            S15   S14                  2002         </div>
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
46.90	Top of mesa, descend.
55.60	Dry sandy wash, 5 ft. wide, drains S. 37° W.

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS													
77.30	Narrow Wash, 15 ft. wide, 1 ft. deep, drains S. 60° W., ascend.												
80.00	Point for the cor. of secs. 10, 11, 14 and 15.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.  <div style="text-align: center;"> <table border="1"> <tr><td>T33N</td><td>R13E</td></tr> <tr><td>S10</td><td>S11</td></tr> <tr><td colspan="2" style="border-top: 1px solid black;"></td></tr> <tr><td>S15</td><td>S14</td></tr> <tr><td colspan="2">2002</td></tr> </table> </div> Deposit a magnet in a white plastic case at the base of the stainless steel post.  Land, level to rolling. Soil, sandy. Undergrowth, sagebrush and native grasses.	T33N	R13E	S10	S11			S15	S14	2002			
T33N	R13E												
S10	S11												
S15	S14												
2002													
	From the cor. of secs. 11, 12, 13 and 14.  West, bet. secs 11 and 14.  Over rolling land.												
10.05	Graded road, 30 ft. wide, bears S. 8° E. and N. 8° W.												
40.00	Point for the 1/4 sec. cor. of secs. 11 and 14.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.  <div style="text-align: center;"> <table border="1"> <tr><td>T33N</td><td>R13E</td></tr> <tr><td colspan="2" style="border-bottom: 1px solid black;"></td></tr> <tr><td colspan="2" style="text-align: center;">1/4</td></tr> <tr><td colspan="2" style="border-bottom: 1px solid black;"></td></tr> <tr><td colspan="2" style="text-align: center;">S14</td></tr> <tr><td colspan="2">2002</td></tr> </table> </div> Deposit a magnet in a white plastic case at the base of the stainless steel post.  Over rolling land.	T33N	R13E			1/4				S14		2002	
T33N	R13E												
1/4													
S14													
2002													
67.40	Top of mesa, descend to Narrow Wash.												
73.70	Narrow Wash, 15 ft. wide, 1 ft. deep, drains S. 58° W.												
80.00	The cor. of secs. 10, 11, 14 and 15.												

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Land, rolling. Soil, sandy. Undergrowth, sagebrush and native grasses.</p> <hr/> <p>N. 0°01' W., bet. secs. 10 and 11.</p> <p>Over rolling land, ascend.</p>
7.40	<p>Top of mesa, across rolling land.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 10 and 11.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T33N R13E 1/4 S10   S11 2002</p>
49.35	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Intersect line 317-318 of the Navajo-Hopi partition line, Segment "D", point for a crossing closing cor.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T33N R13E NAVAJO S10   S11 CC HOPI 2002</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>From this cor. point AP 317, on the Navajo - Hopi partition line, segment "D", monumented with an iron post, 2½ ins. diam., firmly set, flush with the ground, with brass cap, marked HOPI NAVAJO AP D-317 1979, bears S. 19°20' E., 14.47 chs. dist.</p> <p>Add the marks 2002 to the cap.</p>

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
50.64	<p>From this same cor. point, AP 318 of the Navajo - Hopi partition line, segment "D", monumented an iron post, 2½ ins. diam., firmly set, flush the ground, with brass marked, HOPI AP D-318 NAVAJO 1979, bears N. 19°20' W., 0.95 chs. dist.</p> <p>Add the marks 2002 to the brass cap.</p> <p>Cor. located beneath a barbed wire fence, 5 strand, bears S. 19¼° E. and N. 19¼° W.</p> <p>Leave the Hopi Reservation, enter Navajo Reservation.</p> <p>Intersect line 318-319, of the Navajo-Hopi partition line, Segment "D", point for a crossing closing cor.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T33N R13E HOPI NAVAJO S10   S11 C C 2002</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, AP 318 on the Navajo - Hopi partition line, segment "D", bears S. 38°44' W., 0.50 chs. dist., hereinbefore described.</p> <p>From this same cor. point, AP 319, on the Navajo - Hopi partition line, segment "D", monumented with a copper coated steel stake, firmly set, 12 ins. below the ground, with a 1½ in. diam. brass cap mkd., HOPI NAVAJO AP D-320 1979, bears N. 38°44' E., 8.82 chs. dist..</p> <p>Add the marks 2002 to the brass cap.</p> <p>from which</p> <p style="padding-left: 40px;">An iron post, 2½ ins. diam., firmly set, projecting 2 ins. above the ground, for a reference monument, bears S. 38¼° W., 113.41 ft. dist., with brass cap mkd. RM AP D-319 113.41 FT. HIR 1979 and an arrow pointing to the cor.</p> <p>Cor. located beneath a barbed wire fence, 5 strand, bears N. 38¼° E. and S. 38¼° W.</p>

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS											
	<p>Leave the Navajo Reservation, enter the Hopi Reservation.</p>										
80.00	<p>Point for the cor. of secs. 2, 3, 10 and 11.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="padding: 0 10px;">T33N</td> <td style="padding: 0 10px;">R13E</td> </tr> <tr> <td style="padding: 0 10px;">S3</td> <td style="padding: 0 10px;">S2</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black; text-align: center;"> </td> </tr> <tr> <td style="padding: 0 10px;">S10</td> <td style="padding: 0 10px;">S11</td> </tr> <tr> <td colspan="2" style="text-align: center;">2002</td> </tr> </table> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Land, rolling to level. Soil, sandy. Undergrowth, sagebrush and native grasses.</p> <hr/> <p>From the cor. of secs. 1, 2, 11 and 12.</p> <p>West, bet. secs. 2 and 11.</p> <p>Over level land.</p>	T33N	R13E	S3	S2			S10	S11	2002	
T33N	R13E										
S3	S2										
S10	S11										
2002											
10.75	Trail road, 10 ft. wide, bears N. 11° E. and S. 11° W.										
24.10	Trail road, 10 ft. wide, bears S. 31° E. and N. 31° W.										
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, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="padding: 0 10px;">T33N</td> <td style="padding: 0 10px;">R13E</td> </tr> <tr> <td style="padding: 0 10px;"></td> <td style="padding: 0 10px;">S2</td> </tr> <tr> <td style="padding: 0 10px;">1/4</td> <td style="padding: 0 10px;">—</td> </tr> <tr> <td style="padding: 0 10px;"></td> <td style="padding: 0 10px;">S11</td> </tr> <tr> <td colspan="2" style="text-align: center;">2002</td> </tr> </table> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>	T33N	R13E		S2	1/4	—		S11	2002	
T33N	R13E										
	S2										
1/4	—										
	S11										
2002											
76.00	Power line, bears N. 15° E. and S. 15° W.										
73.85	Water line, bears S. 5° E. and N. 5° W.										
75.20	Trail road, 10 ft. wide, bears S. 2° E. and N. 2° W.										

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS							
75.29	<p>Intersect line 319-320 of the Navajo-Hopi partition line, segment "D", point for a crossing closing cor.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 8 ins. below surface of ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T33N R13E</p> <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 0 10px;">S2</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">NAVAJO</td> </tr> <tr> <td colspan="2" style="text-align: center; border-top: 1px solid black; border-bottom: 1px solid black; height: 10px;"></td> </tr> <tr> <td style="padding: 0 10px;">S11</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">HOPI</td> </tr> </table> <p>2002</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, AP 319 on the Navajo - Hopi partition line, segment "D", bears S. 2°04' E., 22.50 chs. dist., hereinbefore described.</p> <p>From this same cor. point, AP 320 on the Navajo - Hopi partition line, segment "D", monumented with a copper coated steel stake, firmly set, 24 ins. below the surface of trail road, with a 1½ in. diam. brass cap mkd. HOPI NAVAJO AP D-320 1979, bears N. 2°04' W., 17.50 chs. dist.</p> <p>from which</p> <p style="padding-left: 40px;">An iron post, 2½ ins. diam., firmly set, projecting 4 ins. above the ground, for a reference monument, bears N. 88° E., 75.0 ft. dist., with brass cap mkd. RM AP D-320 75 FT NIR 1979 and an arrow pointing to the cor.</p> <p style="padding-left: 40px;">An iron post, 2½ ins. diam., firmly set, projecting 2 ins. above the ground, for a reference monument, bears S. 88° W., 75.0 ft. dist., with brass cap mkd. RM AP D-320 75 FT HIR 1979 and an arrow pointing to the cor.</p> <p>Add the marks 2002 to the brass caps.</p> <p>Cor. located beneath a barbed wire fence, 5 strand, bears S. 2° E. and N. 2° W.</p> <p>Leave the Navajo Reservation, enter the Hopi Reservation.</p>	S2	NAVAJO			S11	HOPI
S2	NAVAJO						
S11	HOPI						
80.00	<p>The cor. of secs. 2, 3, 10 and 11.</p> <p>Land, rolling to level Soil, sandy. Undergrowth, sagebrush and native grasses.</p> <hr/>						



**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	N. 0°01' W., bet. secs. 2 and 3.
	Over level land.
2.75	Hopi road #21, 25 ft. wide, bears N. 72° E. and S. 72° W.
40.00	Point for the 1/4 sec. cor. of secs. 2 and 3.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T33N R13E 1/4 S3   S2 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
60.00	Barbed wire fence, 5 strand, bears S. 13° E. and N. 13° W.
64.73	Intersect line 322-323 of the Navajo-Hopi Partition line, segment "D", point for a crossing closing cor.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.
	T33N R13E _____ \ NAVAJO   S3   S2 HOPI 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	From this cor. point, AP 322 on the Navajo - Hopi partition line, segment "D", monumented with a copper coated steel stake, firmly set, 4 ins. below the ground, with a 1½ in. diam. brass cap mkd. HOPI NAVAJO AP D-322 1979, bears S. 14°01' E., 5.85 chs. dist.
	from which
	An iron post, 2½ ins. diam., firmly set, flush with the ground, for a reference monument, bears N. 73¼° E., 75.0 ft. dist., with brass cap mkd. RM AP D-322 75 FT NIR 1979 and an arrow pointing to the cor. Add the marks 2002 to the brass cap. (Record, N. 79¼° E.)

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>An iron post, 2½ ins. diam., firmly set, projecting 4 ins. above the ground, for a reference monument, bears S. 73¼° W., 75.0 ft. dist., with brass cap mkd. RM AP D-322 75 FT HIR 1979 and an arrow pointing to the cor. Add the marks 2002 to the brass cap. (Record, S. 79¼° W.)</p> <p>From this same cor. point, AP 323 on the Navajo - Hopi partition line, segment "D", monumented with a copper coated steel stake, firmly set, 2 ins. below the ground, with a 1½ in. diam. brass cap mkd. HOPI NAVAJO AP D-323 1979, bears N. 14°01' W., 4.35 chs. dist.</p> <p>from which</p> <p>An iron post, 2½ ins. diam., firmly set, projecting 3 ins. above the ground, for a reference monument, bears N. 62° E., 75.0 ft. dist., with brass cap mkd. RM AP D-322 75 FT NIR 1979 and an arrow pointing to the cor. Add the marks 2002 to the brass cap.</p> <p>An iron post, 2½ ins. diam., firmly set, flush with the ground, for a reference monument, bears S. 62° W., 75.0 ft. dist., with brass cap mkd. RM AP D-323 75 FT HIR 1979 and an arrow pointing to the cor. Add the marks 2002 to the brass cap.</p>
65.75	Trail road, 10 ft. wide, bears S. 20° E. and N. 20° W.
68.35	Trail road, 10 ft. wide, bears S. 58° E. and N. 58° W.
70.30	Power line, bears S. 49° E. and N. 49° W.
70.85	Water line, bears S. 48° E. and N. 48° W.
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 to level. Soil, sandy. Undergrowth, sagebrush and native grasses.</p> <hr/> <p>From the stan. cor. of secs. 33 and 34, on the S. bdy. of the Tp., hereinbefore described.</p> <p>N. 0°02' W., bet. secs. 33 and 34.</p> <p>Ascend gradually over rolling land.</p>
12.10	Top of ridge, bears N. 61° E. and S. 61° W.

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
14.50	Toe of ridge, across level land.
30.65	Trail road, 10 ft. wide, bears S. 42° E. and N. 42° W.
40.00	Point for the 1/4 sec. cor. of secs. 33 and 34.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.  <div style="text-align: center;">           T33N R13E            1/4            S33   S34            2002         </div>
	Deposit a magnet in a white plastic case at the base of the stainless steel post.  Cor. located in a sandstone U shaped depression, which opens to the W.
47.25	Coal slurry pipe line, bears N. 78° E. and S. 78° W.
47.60	Graded road, 15 ft. wide, bears N. 78° E. and S. 78° W.
69.80	Top of mesa, descend.
80.00	Point for the cor. of secs. 27, 28, 33 and 34.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.  <div style="text-align: center;">           T33N R13E            S28   S27            -----            S33   S34            2002         </div>
	Deposit a magnet in a white plastic case at the base of the stainless steel post.  Land, rolling to level. Soil, sandy. Undergrowth, sagebrush and native grasses.
	From the cor. of secs. 26, 27, 34 and 35.  West, bet. secs. 27 and 34.  Over level land.
37.70	Graded road, Hopi #7, 25 ft. wide, bears S. 20° E. and N. 20° W.

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
40.00	<p>Point for the 1/4 sec. cor. of secs. 27 and 34.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T33N R13E S27 1/4 ——— S34 2002</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
48.00	Trail road, 10 ft. wide, bears S. 70° E. and N. 70° W.
80.00	<p>The cor. of secs. 27, 28, 33 and 34.</p> <p>Land, level. Soil, sandy. Undergrowth, sagebrush and native grasses.</p> <hr/> <p>N. 0°02' W., bet. secs. 27 and 28.</p> <p>Over level to rolling land.</p>
7.35	Trail road, 10 ft. wide, bears S. 84° E. and N. 84° W.
30.75	Trail road, 10 ft. wide, bears N. 69° E. and S. 69° W.
40.00	<p>Point for the 1/4 sec. cor. of secs. 27 and 28.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T33N R13E 1/4 S28   S27 2002</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
41.70	Barbed wire fence, 5 strand, bears N. 82° E. and S. 82° W., descend.
44.40	Dry sandy wash, 22 ft. wide, 2 ft. deep, drains S. 86° W., ascend.
48.20	Top of mesa.

Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona

CHAINS											
64.00	Toe of mesa.										
65.90	Dry sandy wash, 17 ft. wide, 1 ft. deep, drains N. 56° E.										
80.00	Point for the cor. of secs. 21, 22, 27 and 28.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.										
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>T33N</td> <td>R13E</td> </tr> <tr> <td>S21</td> <td>S22</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black;"></td> </tr> <tr> <td>S28</td> <td>S27</td> </tr> <tr> <td colspan="2" style="text-align: center;">2002</td> </tr> </table>	T33N	R13E	S21	S22			S28	S27	2002	
T33N	R13E										
S21	S22										
S28	S27										
2002											
	Deposit a magnet in a white plastic case at the base of the stainless steel post.										
	Land, level to rolling. Soil, sandy. Undergrowth, sagebrush and native grasses.										
	From the cor. of secs. 22, 23, 26 and 27.										
	West, bet. secs. 22 and 27.										
	Over rolling to level land, ascend.										
14.40	Top of mesa, across level land.										
20.30	Top of mesa, descend.										
40.00	Point for the 1/4 sec. cor. of secs. 22 and 27.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.										
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>T33N</td> <td>R13E</td> </tr> <tr> <td></td> <td>S22</td> </tr> <tr> <td>1/4</td> <td>————</td> </tr> <tr> <td></td> <td>S27</td> </tr> <tr> <td colspan="2" style="text-align: center;">2002</td> </tr> </table>	T33N	R13E		S22	1/4	————		S27	2002	
T33N	R13E										
	S22										
1/4	————										
	S27										
2002											
	Deposit a magnet in a white plastic case at the base of the stainless steel post.										
63.00	Dry sandy wash, 10 ft. wide, 1 ft. deep, drains N. 33° E.										
68.45	Graded road, Hopi #7, 25 ft. wide, bears S. 21° E. and N. 21° W.										
80.00	The cor. of secs. 21, 22, 27 and 28.										

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Land, level to rolling. Soil, sandy. Undergrowth, sagebrush and native grasses.</p> <hr/> <p>N. 0°02' W., bet. secs. 21 and 22.</p> <p>Over rolling land.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 21 and 22.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T33N R13E 1/4 S21   S22 2002</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
71.40	<p>Graded road, Hopi #7, 25 ft. wide, bears S. 39° E. and N. 39° W.</p>
76.75	<p>Graded road, 25 ft. wide, bears S. 85° E. and N. 85° W.</p>
80.00	<p>Point for the cor. of secs. 15, 16, 21 and 22, falls on a rock mesa.</p> <p>Set a brass tablet, 3¼ ins. diam., 3½ in. stem., 3 ins. below the ground, in a drill hole in sandstone, with top mkd.</p> <p style="text-align: center;">T33N R13E S16   S15 ----- S21   S22 2002</p> <p>Land, level to rolling. Soil, sandy. Undergrowth, sagebrush and native grasses.</p> <hr/> <p>From the cor. of secs. 14, 15, 22 and 23.</p> <p>West, bet. secs. 15 and 22.</p> <p>Over rolling land, ascend.</p>
13.30	<p>Top of mesa, across rolling land.</p>
31.10	<p>Top of mesa, descend.</p>

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
40.00	<p>Point for the 1/4 sec. cor. of secs. 15 and 22.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 17 ins. in the ground, in a mound of stone, 2½ ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T33N R13E S15 1/4 ——— S22 2002</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Descend gradually across rolling to level land.</p>
80.00	<p>The cor. of secs. 15, 16, 21 and 22.</p> <p>Land, rolling to level. Soil, sandy. Undergrowth, scattered cacti, sagebrush and native grasses.</p> <hr/> <p>N. 0°02' W., bet. secs. 15 and 16.</p> <p>Over rolling to level land.</p>
6.30	Top of mesa, descend.
11.90	Toe of mesa, across level land.
20.10	Dry sandy wash, 10 ft. wide, 3 ft. deep, drains S. 81° W.
30.50	Toe of mesa, ascend.
34.60	Top of mesa, across rolling land.
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, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T33N R13E 1/4 S16   S15 2002</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
80.00	Point for the cor. of secs. 9, 10, 15 and 16.

Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona

CHAINS											
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam. 23 ins. in the ground, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>T33N</td> <td>R13E</td> </tr> <tr> <td>S9</td> <td>S10</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black;"></td> </tr> <tr> <td>S16</td> <td>S15</td> </tr> <tr> <td colspan="2" style="text-align: center;">2002</td> </tr> </table> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Land, rolling to level. Soil, sandy. Undergrowth, scattered cacti, sagebrush and native grasses.</p> <hr/> <p>From the cor. of secs. 10, 11, 14 and 15.</p> <p>West, bet. secs. 10 and 15.</p> <p>Ascend over rolling to level land.</p>	T33N	R13E	S9	S10			S16	S15	2002	
T33N	R13E										
S9	S10										
S16	S15										
2002											
15.20	Top of mesa, across rolling land.										
40.00	<p>Point for the 1/4 sec. cor. of secs. 10 and 15.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>T33N</td> <td>R13E</td> </tr> <tr> <td></td> <td>S10</td> </tr> <tr> <td>1/4</td> <td>————</td> </tr> <tr> <td></td> <td>S15</td> </tr> <tr> <td colspan="2" style="text-align: center;">2002</td> </tr> </table> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>	T33N	R13E		S10	1/4	————		S15	2002	
T33N	R13E										
	S10										
1/4	————										
	S15										
2002											
80.00	<p>The cor. of secs. 9, 10, 15 and 16.</p> <p>Land, rolling. Soil, sandy. Undergrowth, scattered cacti, sagebrush and native.</p> <hr/> <p>N. 0°02' W., bet. secs. 9 and 10.</p> <p>Over rolling land.</p>										
4.80	Trail road, 10 ft. wide, bears N. 46° E. and S. 46° W.										



**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
21.20	Trail road, 10 ft. wide, bears N. 46° E. and S. 46° W.
40.00	Point for the 1/4 sec. cor. of secs. 9 and 10.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.  <div style="text-align: center;">           T33N R13E            1/4            S9   S10            2002         </div> Deposit a magnet in a white plastic case at the base of the stainless steel post.
56.65	Graded road, Hopi #21, 25 ft. wide, bears N. 66° E. and S. 66° W.
80.00	Point for the cor. of secs. 3, 4, 9 and 10.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.  <div style="text-align: center;">           T33N R13E            S4   S3  <hr style="width: 50%; margin: 0 auto;"/>           S9   S10            2002         </div> Deposit a magnet in a white plastic case at the base of the stainless steel post.  Land, rolling. Soil, sandy. Undergrowth, sagebrush and native grasses.
	From the cor. of secs. 2, 3, 10 and 11.  West, bet. secs. 3 and 10.  Over rolling land.
5.35	Trail road, 10 ft. wide, bears N. 45° E. and S. 45° W.
8.60	Graded road, Hopi #21, 25 ft. wide, bears N. 75° E. and S. 75° W.
40.00	Point for the 1/4 sec. cor. of secs. 3 and 10.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	T33N R13E S3 1/4 ——— S10 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
80.00	The cor. of secs. 3, 4, 9 and 10.
	Land, rolling. Soil, sandy. Undergrowth, sagebrush and native grasses.
	N. 0°02' W., bet. secs. 3 and 4.
	Over rolling land.
16.80	Top of mesa, descend.
20.20	Toe of mesa, across rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 3 and 4.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T33N R13E 1/4 S4   S3 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
48.65	Top of mesa, descend.
55.40	Toe of mesa, across rolling land.
75.52	Barbed wire fence, 5 strand, bears S. 12° E. and N. 12° W.
78.19	Intersect line 336-337, of the Navajo-Hopi Partition line, Segment "D", point for a crossing closing cor.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 8 ins. below the ground, with brass cap mkd.

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>from which</p> <p>A stainless steel pipe, 28 ins. long, 2½ ins. diam., set 25 ins. in the ground, for a reference monument, bears N. 25°36' E., 86.8 ft. dist., with brass cap mkd. RM NIR T33N R13E 86.8 FT TO COR S3 2002 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>A stainless steel pipe, 28 ins. long, 2½ ins. diam., set 23 ins. in the ground, for a reference monument, bears N. 78°39' W., 100.1 ft. dist., with brass cap mkd. RM HIR T33N R13E 100.1 FT TO COR S4 2002 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>From this cor. point, AP 336 on the Navajo - Hopi partition line, segment "D", bears S. 35°56' E., 1.37 chs. dist., hereinbefore described.</p> <p>From this same cor. point, AP 337 on the Navajo - Hopi partition line, segment "D", bears N. 35°56' W., 5.01 chs. dist., hereinbefore described.</p>
78.20	Trail road, 12 ft. wide, bears S. 39° E. and N. 39° W.
79.05	Water line, bears S. 41° E. and N. 41° W.
80.00	The cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp., hereinbefore described.
	<p>Land, rolling to level. Soil, sandy. Undergrowth, sagebrush and native grasses.</p>
	<p>From the stan. cor. of secs. 32 and 33, on the S. bdy. of the Tp., hereinbefore described.</p> <p>N. 0°03' W., bet. secs. 32 and 33.</p>
31.15	Coal slurry pipe line, bears N. 77° E. and S. 77° W.

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
31.35	Trail road, 10 ft. wide, bears N. 77° E. and S. 77° W.
40.00	Point for the 1/4 sec. cor. of secs. 32 and 33.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.  <div style="text-align: center;">           T33N R13E            1/4            S32   S33            2002         </div> Deposit a magnet in a white plastic case at the base of the stainless steel post.
63.45	Intersection of trail roads, 10 ft. wide, bears N. 64° E. and S. 64° W. and N. 36° E. and S. 36° W.
80.00	Point for the cor. of secs. 28, 29, 32 and 33.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.  <div style="text-align: center;">           T33N R13E            S29   S28  <hr style="width: 50%; margin: 0 auto;"/>           S32   S33            2002         </div> Deposit a magnet in a white plastic case at the base of the stainless steel post.  Land, rolling. Soil, sandy. Undergrowth, sagebrush and native grasses.
	From the cor. of secs. 27, 28, 33 and 34.  West, bet. secs. 28 and 33.  Over rolling to level land.
20.95	Trail road, 10 ft. wide, bears N. 69° E. and S. 69° W.
40.00	Point for the 1/4 sec. cor. of secs. 28 and 33.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	T33N R13E S28 1/4 ——— S33 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
72.10	Trail road, 10 ft. wide, bears N. 22° E. and S. 22° W.
80.00	The cor. of secs. 28, 29, 32 and 33.
	Land, rolling to level. Soil, sandy. Undergrowth, sagebrush and native grasses.
	N.0°03' W., bet. secs. 28 and 29.
	Over rolling land.
30.93	Barbed wire fence, 5 strand, bears N. 85° E. and S. 85° W.
36.35	Water utility line, bears N. 47° E. and S. 47° W.
40.00	Point for the 1/4 sec. cor. of secs. 28 and 29.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T33N R13E 1/4 S29   S28 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
40.60	Trail road, 10 ft. wide, bears N. 85° E. and S. 85° W.
80.00	Point for the cor. of secs. 20, 21, 28 and 29.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T33N R13E S20   S21 ——— S29   S28 2002

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Land, level to rolling. Soil, sandy. Undergrowth, sagebrush and native grasses.</p> <hr/> <p>From the cor. of secs. 21, 22, 27 and 28.</p> <p>West, bet. secs. 21 and 28.</p> <p>Over rolling land.</p>
32.70	Barbed wire fence, 5 strand, bears N. 13° E. and S. 13° W.
40.00	<p>Point for the 1/4 sec. cor. of secs. 21 and 28.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T33N R13E</p> <p>S21</p> <p>1/4 ———</p> <p>S28</p> <p>2002</p> </div>
80.00	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>The cor. of secs. 20, 21, 28 and 29.</p> <p>Land, rolling. Soil, sandy. Undergrowth, scattered cacti, sagebrush and native grasses.</p> <hr/> <p>N. 0°03' W., bet. secs. 20 and 21.</p> <p>Over rolling land.</p>
22.15	Trail road, 10 ft. wide, bears N. 43° E. and S. 43° W.
28.15	Barbed wire fence, 5 strand, bears N. 35° E. and S. 35° W.
40.00	<p>Point for the 1/4 sec. cor. of secs. 20 and 21.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p>

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	T33N R13E 1/4 S20   S21 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
47.99	Abandoned barbed wire fence, bears S. 29° E. and N. 29° W.
55.00	Dry sandy wash, 10 ft. wide, 4 ins. deep, drains N. 54° E.
79.45	Trail road, 10 ft. wide, bears N. 53° E. and S. 53° W.
80.00	Point for the cor. of secs. 16, 17, 20 and 21.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T33N R13E S17   S16 ———— S20   S21 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Land, rolling. Soil, sandy. Undergrowth, sagebrush and native grasses.
	From the cor. of 15, 16, 21 and 22.
	West, bet. secs. 16 and 21.
	Over level land.
4.30	Graded road, Hopi #7, 25 ft. wide, bears S. 17° E. and N. 17° W.
13.66	Barbed wire fence, 5 strand, bears N. 3° E. and S. 3° W., descend.
26.60	Dry sandy wash, 12 ft. wide, 1 ft. deep, drains S. 58° W.
40.00	Point for the 1/4 sec. cor. of secs. 16 and 21.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T33N R13E S16 1/4 ——— S21 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
53.10	Graded road, Hopi #7, 25 ft. wide, bears N. 59° E. and S. 59° W.
67.40	Graded road, Hopi #7, 25 ft. wide, bears S. 49° E. and N. 49° W.
79.20	Trail road, 10 ft. wide, bears N. 54° E. and S. 54° W.
80.00	The cor. of secs. 16, 17, 20 and 21.
	Land, rolling to level. Soil, sandy. Undergrowth, sagebrush and native grasses.
	N. 0°03' W., bet. secs. 16 and 17.
	Over rolling land.
2.37	Trail road, 10 ft. wide, bears N. 25° E. and S. 25° W.
12.00	Graded road, Hopi #7, 25 ft. wide, bears S. 57° E. and N. 57° W.
18.05	Trail road, 10 ft. wide, bears N. 41° E. and S. 41° W.
29.10	Top of mesa, descend.
40.00	Point for the 1/4 sec. cor. of secs. 16 and 17, falls on sandstone rock surface.
	Set a brass tablet, 3¼ ins. diam., 3½ in. stem, in a drill hole, in sandstone, with top mkd.
	T33N R13E 1/4 S17   S16 2002
80.00	Point for the cor. of secs. 8, 9, 16 and 17.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.



**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS											
	<table style="margin: auto;"> <tr> <td>T33N</td> <td>R13E</td> </tr> <tr> <td>S8</td> <td>S9</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black;"></td> </tr> <tr> <td>S17</td> <td>S16</td> </tr> <tr> <td colspan="2" style="text-align: center;">2002</td> </tr> </table>	T33N	R13E	S8	S9			S17	S16	2002	
T33N	R13E										
S8	S9										
S17	S16										
2002											
	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Land, rolling to level. Soil, sandy. Undergrowth, sagebrush and native grasses.</p> <hr/>										
	<p>From the cor. of secs. 9, 10, 15 and 16.</p> <p>West, bet. secs. 9 and 16.</p> <p>Over level to rolling land.</p>										
21.00	Barbed wire fence, 5 strand, bears N. 31° E. and S. 31° W.										
40.00	Point for the 1/4 sec. cor. of secs. 9 and 16.										
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p>										
	<table style="margin: auto;"> <tr> <td>T33N</td> <td>R13E</td> </tr> <tr> <td></td> <td>S9</td> </tr> <tr> <td>1/4</td> <td>—</td> </tr> <tr> <td></td> <td>S16</td> </tr> <tr> <td colspan="2" style="text-align: center;">2002</td> </tr> </table>	T33N	R13E		S9	1/4	—		S16	2002	
T33N	R13E										
	S9										
1/4	—										
	S16										
2002											
	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>										
49.60	Trail road, 10 ft. wide, bears S. 23° E. and N. 23° W.										
52.60	Top of mesa, descend.										
56.80	Toe of mesa, across level land.										
80.00	The cor. of secs. 8, 9, 16 and 17.										
	<p>Land, level to rolling. Soil, sandy. Undergrowth, scattered cacti, sagebrush and native grasses.</p> <hr/>										
	<p>N. 0°03' W., bet. secs. 8 and 9.</p> <p>Over level land, through dense scrub cedar bushes.</p>										

Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona

CHAINS	
25.05	Gas utility line, bears N. 26° E. and S. 26° W.
25.95	Graded road, Hopi #7, 25 ft. wide, bears N. 26° E. and S. 26° W.
40.00	Point for the 1/4 sec. cor. of secs. 8 and 9.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.  <div style="text-align: center;">           T33N R13E            1/4            S8   S9            2002         </div>
45.47	Deposit a magnet in a white plastic case at the base of the stainless steel post.  Intersect line 343-344 of the Navajo-Hopi partition line, segment "D", point for a crossing closing cor.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.  <div style="text-align: center;">           T33N R13E            NAVAJO                         HOPI            S8   S9            C C            2002         </div>
80.00	Deposit a magnet in a white plastic case at the base of the stainless steel post.  From this cor. point, AP 343 on the Navajo - Hopi partition line, segment "D", monumented with an iron post, 2½ ins. diam., firmly set, flush with the ground, with brass cap mkd. NAVAJO HOPI AP D-343 1979, bears N. 89°18' E., 10.36 chs. dist.  Add the marks 2002 to the brass cap.  From this same cor. point, AP 344 on the Navajo - Hopi partition line, segment "D", monumented with an iron post, 2½ ins. diam., firmly set, flush with the ground with brass cap mkd. AP D-344 NAVAJO HOPI 1979, bears S. 89°18' W., 29.64 chs. dist.  Add the marks 2002 to the brass cap.  Point for the cor. of secs. 4, 5, 8 and 9.

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS											
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="padding: 2px;">T33N</td> <td style="padding: 2px;">R13E</td> </tr> <tr> <td style="padding: 2px;">S5</td> <td style="padding: 2px;">S4</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black;"></td> </tr> <tr> <td style="padding: 2px;">S8</td> <td style="padding: 2px;">S9</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 2px;">2002</td> </tr> </table> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Land, level to rolling. Soil, sandy. Undergrowth, scrub cedar bushes, sagebrush and native grasses.</p> <hr/> <p>From the cor. of secs. 3, 4, 9 and 10.</p> <p>West, bet. secs. 4 and 9.</p> <p>Over level land.</p>	T33N	R13E	S5	S4			S8	S9	2002	
T33N	R13E										
S5	S4										
S8	S9										
2002											
29.90	Top of mesa.										
40.00	<p>Point for the 1/4 sec. cor. of secs. 4 and 9.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="padding: 2px;">T33N</td> <td style="padding: 2px;">R13E</td> </tr> <tr> <td></td> <td style="padding: 2px;">S4</td> </tr> <tr> <td style="padding: 2px;">1/4</td> <td style="padding: 2px;">———</td> </tr> <tr> <td></td> <td style="padding: 2px;">S9</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 2px;">2002</td> </tr> </table> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>	T33N	R13E		S4	1/4	———		S9	2002	
T33N	R13E										
	S4										
1/4	———										
	S9										
2002											
53.08	<p>Intersect line 342-343 of the Navajo-Hopi partition line, segment "D", point for a crossing closing cor.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p>										

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p style="text-align: center;">T33N R13E N A S4 H C V O C A P J S9 I O 2002</p>
	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>From this cor. point AP 342, on the Navajo - Hopi partition line, segment "D", monumented with an iron post, 22 ins. diam., firmly set, flush with the ground with brass cap mkd. NAVAJO HOPI AP D-342 1979, bears N. 25°41' E., 5.07 chs. dist.</p> <p>Add the marks 2002 to the brass cap.</p> <p>From this same cor. point, AP 343, on the Navajo - Hopi partition line, segment "D", bears S. 25°41' W., 38.17 chs. dist., hereinbefore described.</p> <p>Cor. located beneath a barbed wire fence, 5 strand, bears N. 26° E. and S. 26° W.</p>
53.40	Questar Southern Trails gas pipe line, bears N. 23° E. and S. 23° W.
53.90	Graded road, Navajo #21, 30 ft. wide, bears N. 27° E. and S. 27° W.
67.00	Top of mesa, descend.
73.10	Toe of mesa.
80.00	The cor. of secs. 4, 5, 8 and 9.
	<p>Land, level to rolling. Soil, sandy. Undergrowth, scrub brush, sage brush and native grasses.</p> <hr/> <p>N. 0°03' W., bet. secs. 4 and 5</p> <p>Ascend over broken land.</p>
16.90	Trail road, 10 ft. wide, bears S. 35° E. and N. 35° W.
40.00	Point for the 1/4 sec. cor. of secs. 4 and 5, falls on a sandstone surface.

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Set a brass tablet, <math>3\frac{1}{4}</math> ins. diam., <math>3\frac{1}{2}</math> in. stem, in a drill hole, in sandstone, with top mkd.</p> <p style="text-align: center;">T33N R13E 1/4 S5   S4 2002</p> <p>Across level to rolling land.</p>
80.00	<p>The cor. of secs. 4, 5, 32 and 33, on the N. bdy. of the Tp., hereinbefore described.</p> <p>Land, broken to level. Soil, rocky and sandy with sandstone outcrops. Undergrowth, sagebrush and native grasses.</p> <hr/> <p>From the stan. cor. of secs. 31 and 32, on the S. bdy. of the Tp., hereinbefore described.</p> <p>N. <math>0^{\circ}03'</math> W., bet. secs. 31 and 32.</p> <p>Over rolling land.</p>
15.05	Coal slurry pipe line, bears N. $76^{\circ}$ E. and S. $76^{\circ}$ W.
15.50	Trail road, 10 ft. wide, bears N. $76^{\circ}$ E. and S. $76^{\circ}$ W.
22.60	Top of mesa, descend.
38.05	Trail road, 10 ft. wide, bears N. $83^{\circ}$ E. and S. $83^{\circ}$ W.
40.00	Point for the $1/4$ sec. cor. of secs. 31 and 32, falls on a sandstone surface.
	<p>Set a brass tablet, <math>3\frac{1}{4}</math> ins. diam., <math>3\frac{1}{2}</math> in. stem, in a drill hole, in sandstone, with top mkd.</p> <p style="text-align: center;">T33N R13E 1/4 S31   S32 2002</p> <p>Over level land.</p>
80.00	<p>Point for the cor. of secs. 29, 30, 31 and 32.</p> <p>Set a stainless steel post, 28 ins. long, <math>2\frac{1}{2}</math> ins. diam., 25 ins. in the ground, with brass cap mkd.</p>

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS											
	<table style="margin: auto;"> <tr><td>T33N</td><td>R13E</td></tr> <tr><td>S30</td><td>S29</td></tr> <tr><td colspan="2"><hr/></td></tr> <tr><td>S31</td><td>S32</td></tr> <tr><td colspan="2">2002</td></tr> </table>	T33N	R13E	S30	S29	<hr/>		S31	S32	2002	
T33N	R13E										
S30	S29										
<hr/>											
S31	S32										
2002											
	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Land, rolling to level. Soil, sandy with sandstone outcrops. Undergrowth, sagebrush, scattered cacti and native grasses.</p> <hr/>										
	<p>From the cor. of secs. 28, 29, 32 and 33.</p> <p>West, bet. secs. 29 and 32.</p> <p>Over rolling to level land.</p>										
40.00	<p>Point for the 1/4 sec. cor. of secs. 29 and 32.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p>										
	<table style="margin: auto;"> <tr><td>T33N</td><td>R13E</td></tr> <tr><td></td><td>S29</td></tr> <tr><td>1/4</td><td><hr/></td></tr> <tr><td></td><td>S32</td></tr> <tr><td colspan="2">2002</td></tr> </table>	T33N	R13E		S29	1/4	<hr/>		S32	2002	
T33N	R13E										
	S29										
1/4	<hr/>										
	S32										
2002											
80.00	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>The cor. of secs. 29, 30, 31 and 32.</p> <p>Land, rolling to level. Soil, sandy. Undergrowth, sagebrush and native grasses.</p> <hr/>										
	<p>West bet. secs. 30 and 31.</p> <p>Over rolling to broken land, descend into Begashibito Wash.</p>										
15.50	<p>Enter dense salt cedar and cottonwood trees.</p>										
25.00	<p>Edge of trees, bears N. 30° E. and S. 30° W.</p>										
30.30	<p>Trail road, 10 ft. wide, bears N. 10° E. and S. 10° W.</p>										
40.00	<p>Point for the 1/4 sec. cor. of secs. 30 and 31.</p>										

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T33N R13E S30 1/4 ——— S31 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
41.20	Toe of mesa, ascend.
45.00	Top of mesa, across rolling land.
49.40	Trail road, 10 ft. wide, bears N. 40° E. and S. 40° W.
57.10	Questar Southern Trails gas pipe line, bears N. 30° E. and S. 30° W.
57.35	Trail road, 10 ft. wide, bears N. 30° E. and S. 30° W.
76.50	Toe of mesa, sandstone outcrop.
79.91	The cor. of secs. 30 and 31 only, on the W. bdy. of the Tp., hereinbefore described.
	Land, rolling to broken. Soil, sandy and rocky. Timber, dense salt cedar and cotton wood; undergrowth, dense scrub brush and native grasses.
	From the cor. of secs. 29, 30, 31 and 32.
	N. 0°03' W., bet. secs. 29 and 30.
	Over broken to level land.
1.10	Begin gradual descent.
8.50	Toe of mesa, across level land.
15.50	Trail road, 10 ft. wide, N. 39° E. and S. 39° W.
23.14	Barbed wire fence, 5 strand, bears N. 86° E. and S. 87° W.
26.60	Left bank of dry sandy wash with dense salt cedar and cottonwood, bears N. 40° E. and S. 40° W.
32.50	Right bank of dry sandy wash, bears N. 40° E. and S. 40° W.

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
40.00	<p>Point for the 1/4 sec. cor. of secs. 29 and 30.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T33N R13E 1/4 S30   S29 2002</p> </div> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
72.60	<p>Trail road, 10 ft. wide, bears N. 70° E. and S. 70° W.</p>
80.00	<p>Point for the cor. of secs. 19, 20, 29 and 30.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T33N R13E S19   S20 ----- S30   S29 2002</p> </div> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Cor. located among dense scrub brush.</p> <p>Land, rolling to broken. Soil, sandy and rocky. Undergrowth, scrub brush, sage brush and native grasses.</p> <hr/> <p>From the cor. of secs. 20, 21, 28 and 29.</p> <p>West, bet. secs. 20 and 29.</p> <p>Over rolling to level land.</p>
16.45	<p>Trail road, 10 ft. wide, bears N. 34° E. and S. 34° W.</p>
20.80	<p>Trail road, 10 ft. wide, bears N. 44° E. and S. 44° W.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 20 and 29.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.</p>



**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	T33N R13E S20 1/4 ——— S29 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
46.00	Top of earthen berm, bears S. 55° E. and N. 55° W.
58.90	Trail road, 10 ft. wide, bears S. 54° E. and N. 54° W.
64.90	Trail road, 10 ft. wide, bears S. 63° E. and N. 63° W.
80.00	The cor. of secs. 19, 20, 29 and 30.
	Land, rolling to level. Soil, sandy. Undergrowth, sagebrush and native grasses.
	West, bet. secs. 19 and 30.
	Over rolling land.
15.15	Trail road, 10 ft. wide, bears S. 16° E. and N. 16° W.
16.50	Trail road, 10 ft. wide, bears N. 27° E. and S. 27° W.
16.35	Questar Southern Trails gas pipe line, bears N. 27° E. and S. 27° W.
28.60	Trail road, 10 ft. wide, bears N. 32° E. and S. 32° W.
40.00	Point for the 1/4 sec. cor. of secs. 19 and 30.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.
	T33N R13E S19 1/4 ——— S30 2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
44.70	Toe of mesa, ascend over sandstone out crop.

Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona

CHAINS	
79.82	<p>The cor. of secs. 19 and 30 only, on the W. bdy. of the Tp., hereinbefore described.</p> <p>Land, rolling to broken. Soil, sandy, with sandstone out crops. Undergrowth, sage brush and native grasses.</p> <hr/> <p>From the cor. of secs. 19, 20, 29 and 30.</p> <p>N. 0°03' W., bet. secs. 19 and 20.</p> <p>Over rolling to level land.</p>
7.45	Trail road, 10 ft. wide, bears N. 82° E. and S. 82° W.
10.85	Trail road, 10 ft. wide, bears S. 50° E. and N. 50° W.
31.50	Questar Southern Trails gas pipe line, bears N. 28° E. and S. 28° W.
32.50	Graded road, Hopi #21, 15 ft. wide, bears N. 28° E. and S. 28° W.
40.00	<p>Point for the 1/4 sec. cor. of secs. 19 and 20.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T33N R13E 1/4 S19   S20 2002</p> </div> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
56.40	Trail road, 10 ft. wide, bears N. 39° E. and S. 39° W.
59.90	Toe of mesa, sandstone cliffs.
80.00	<p>Point for the cor. of secs. 17, 18, 19 and 20, falls on a sandstone outcrop.</p> <p>Set a brass tablet, 3½ ins. diam., 3½ in. stem, in a drill hole, in sandstone, with top mkd.</p> <div style="text-align: center;"> <p>T33N R13E S18   S17 ----- S19   S20 2002</p> </div>

Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Land rolling to broken. Soil, rocky and sandy. Undergrowth, sagebrush and native grasses.</p> <hr/> <p>From the cor. of secs. 16, 17, 20 and 21.</p> <p>West, bet. secs. 17 and 20.</p> <p>Over level land, through dense scrub brush.</p>
1.05	Trail road, 10 ft. wide, bears N. 15° E. and S. 15° W.
18.40	Descend into Begashibito Wash.
26.70	Toe of mesa, across level land, through dense scrub brush.
38.35	Trail road, 10 ft. wide, bears N. 64° E. and S. 64° W.
40.00	Point for the 1/4 sec. cor. of secs. 17 and 20.
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T33N R13E S17 1/4 ——— S20 2002</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
54.55	Questar Southern Trails gas pipe line, bears N. 27° E. and S. 27° W.
54.95	Trail road, 10 ft. wide, bears N. 27° E. and S. 27° W.
69.00	Toe of mesa, ascend over sandstone rock out crops.
80.00	The cor. of secs. 17, 18, 19 and 20.
	<p>Land, level to broken. Soil, sandy with sandstone outcrops. Undergrowth, dense scrub brush, scattered cacti and native grasses.</p> <hr/> <p>West, bet. secs. 18 and 19.</p> <p>Over rolling to level land.</p>

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
12.20	Top of mesa, descend across sandstone surface.
40.00	Point for the 1/4 sec. cor. of secs. 18 and 19, falls on a sandstone surface.  Set a brass tablet, 3¼ ins. diam., 3½ in. stem, in a drill hole, in sandstone, with top mkd.  <div style="text-align: center;">           T33N R13E                  S18            1/4 ———                  S19                  2002         </div>
42.30	E. edge of deep draw, bears S. 45° E. and N. 45° W.
60.00	W. edge of deep draw, bears S. 45° E. and N. 45° W.
61.90	Toe of mesa, across rolling to level sandy soil.
75.30	Ascend across sandstone surface.
79.73	The cor. of secs. 18 and 19 only, on the W. bdy. of the Tp., hereinbefore described.  Land, rolling to broken. Soil, rocky and sandy. Undergrowth, sage brush and native grasses.
	From the cor. of secs. 17, 18, 19 and 20.  N. 0°03' W., bet. secs. 17 and 18.  Over rolling land, ascend over sandstone surface.
26.60	Top of mesa, across rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 17 and 18.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.  <div style="text-align: center;">           T33N R13E                  1/4            S18   S17                  2002         </div>
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
80.00	Point for the cor. of secs. 7, 8, 17 and 18.

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS																	
	<p>Set a stainless steel post, 28 ins. long, 2½ 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: 2px;">T33N</td> <td style="padding: 2px;">R13E</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">S7</td> <td style="padding: 2px;">S8</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">S18</td> <td style="padding: 2px;">S17</td> </tr> <tr> <td colspan="2" style="padding: 2px;">2002</td> </tr> </table> </div> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Land, rolling. Soil, rocky and sandy. Undergrowth, sage brush and native grasses.</p> <hr/> <p>From the cor. of secs. 8, 9, 16 and 17.</p> <p>West, bet. secs. 8 and 17.</p> <p>Over level land through dense scrub brush.</p> <p>2.25 Graded road, Hopi #7, 25 ft. wide, bears S. 22° E. and N. 22° W.</p> <p>12.40 Questar Southern Trails gas pipe line, bears N. 25° E. and S. 25° W.</p> <p>12.70 Graded road, Hopi #21, 15 ft. wide, bears N. 25° E. and S. 25° W.</p> <p>16.20 Toe of mesa, ascend.</p> <p>27.00 Top of mesa, across level land.</p> <p>33.10 Toe of mesa, ascend.</p> <p>36.60 Top of mesa, across level land.</p> <p>40.00 Point for the 1/4 sec. cor. of secs. 8 and 17.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 12 ins. in the ground, to bedrock, in a mound of stone, 3 ft. base, to top, 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: 2px;">T33N</td> <td style="padding: 2px;">R13E</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">1/4</td> <td style="padding: 2px;">S8</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;"></td> <td style="padding: 2px;">S17</td> </tr> <tr> <td colspan="2" style="padding: 2px;">2002</td> </tr> </table> </div>	T33N	R13E	S7	S8	S18	S17	2002		T33N	R13E	1/4	S8		S17	2002	
T33N	R13E																
S7	S8																
S18	S17																
2002																	
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1/4	S8																
	S17																
2002																	

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
50.50	Ascend to top of mesa, across rolling land.
80.00	The cor. of secs. 7, 8, 17 and 18.  Land, rolling to level. Soil, sandy. Undergrowth, dense scrub brush, sagebrush and native grasses.
	West, bet. secs. 7 and 18.  Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 7 and 18.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.  <div style="text-align: center;">           T33N R13E                  S7            1/4 ———                  S18                  2002         </div>
79.65	Deposit a magnet in a white plastic case at the base of the stainless steel post.  The cor. of secs. 7 and 18 only, on the W. bdy. of the Tp., hereinbefore described.  Land, rolling. Soil, sandy Undergrowth, sage brush, scattered cacti and native grasses.
	From the cor. of secs. 7, 8, 17 and 18.  N. 0°03' W., bet. secs. 7 and 8.  Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 7 and 8.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona**

CHAINS	
44.48	<p style="text-align: center;">T33N R13E 1/4 S7   S8 2002</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Intersect line 345-346 of the Navajo-Hopi partition line, segment "D", point for crossing closing cor.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p>
80.00	<p style="text-align: center;">T33N R13E NAVAJO   S7   S8 HOPI C C 2002</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>From this cor. point, AP 345 on the Navajo - Hopi partition line, segment "D", monumented with an iron post, 2½ ins. diam., firmly set, flush with the ground with brass cap mkd. AP D-345 NAVAJO HOPI 1979, bears N. 89°18' E., 10.37 chs. dist.</p> <p>From this same cor. point, AP 346 on the Navajo - Hopi partition line, segment "D", monumented with an iron post, 2½ ins. diam., firmly set, flush with the ground, with brass cap mkd. AP D-346 NAVAJO HOPI 1979, bears S. 89°18' W., 29.63 chs. dist.</p> <p>Add the marks 2002 to the brass caps.</p> <p>Cor. located beneath a barbed wire fence, 5 strand, bears N. 89¼° E. and S. 89¼° W.</p> <p>Leave Hopi Reservation, enter Navajo Reservation.</p> <p>Point for the cor. of secs. 5, 6, 7 and 8.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p>

Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona

CHAINS													
	<table style="margin: auto;"> <tr><td>T33N</td><td>R13E</td></tr> <tr><td>S6</td><td>S5</td></tr> <tr><td colspan="2" style="border-top: 1px solid black;"></td></tr> <tr><td>S7</td><td>S8</td></tr> <tr><td colspan="2">2002</td></tr> </table>	T33N	R13E	S6	S5			S7	S8	2002			
T33N	R13E												
S6	S5												
S7	S8												
2002													
	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Land, rolling. Soil, sandy. Undergrowth, sage brush and native grasses.</p> <hr/>												
	<p>From the cor. of secs. 4, 5, 8 and 9.</p> <p>West, bet. secs. 5 and 8.</p> <p>Over rolling land.</p>												
7.50	Ascend to top of mesa, across level land.												
29.10	Trail road, 10 ft. wide, bears S. 31° E. and N. 31° W.												
33.70	Toe of ridge, ascend.												
40.00	<p>Point for the 1/4 sec. cor. of secs. 5 and 8, falls on sandstone surface.</p> <p>Set a brass tablet, 3¼ ins. diam., 3½ in. stem, in a drill hole, in sandstone, with top mkd.</p>												
	<table style="margin: auto;"> <tr><td>T33N</td><td>R13E</td></tr> <tr><td colspan="2" style="border-top: 1px solid black;"></td></tr> <tr><td colspan="2" style="text-align: center;">S5</td></tr> <tr><td colspan="2" style="text-align: center;">1/4 ———</td></tr> <tr><td colspan="2" style="text-align: center;">S8</td></tr> <tr><td colspan="2">2002</td></tr> </table>	T33N	R13E			S5		1/4 ———		S8		2002	
T33N	R13E												
S5													
1/4 ———													
S8													
2002													
47.60	Top of ridge and trail road, 10 ft. wide, bears N. 45° E. and S. 45° W., descend.												
52.30	Toe of ridge, across rolling to level land.												
80.00	<p>The cor. of secs. 5, 6, 7 and 8.</p> <p>Land, level to rolling. Soil, sandy. Undergrowth, sagebrush and native grasses.</p> <hr/>												
	<p>West, bet. secs. 6 and 7.</p>												



Survey of the Subdivisional lines,  
T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Over level land.
9.30	Trail road, 10 ft. wide, bears S. 22° E. and N. 22° W.
21.75	Power line, bears N. 45° E. and S. 45° W.
34.90	Ascend across sandstone out crop.
40.00	Point for the 1/4 sec. cor. of secs. 6 and 7, falls on sandstone surface.
	Set a brass tablet, 3¼ ins. diam., 3½ in. stem, in a drill hole, in sandstone, with top mkd.
	T33N R13E S6 1/4 ——— S7 2002
	Across rolling land.
44.20	Top of mesa, descend.
79.56	The cor. of secs. 6 and 7 only, on the W. bdy. of the Tp., hereinbefore described.
	Land, rolling to level. Soil, rocky and sandy with sandstone outcrops. Undergrowth, scrub cedar, scattered cacti, sage brush and native grasses.
	From the cor. of secs. 5, 6, 7 and 8.
	N. 0°03' W., bet. secs. 5 and 6.
	Over level land.
14.20	Graded road, 15 ft. wide, bears N. 42° E. and S. 42° W.
37.75	Trail road, 10 ft. wide, bears S. 48° E. and N. 48° W.
40.00	Point for the 1/4 sec. cor. of secs. 5 and 6.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T33N R13E 1/4 S6   S5 2002

**Survey of the Subdivisional lines,  
T. 33 N., R. 13 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>
58.40	<p>Power line, bears N. 67° E. and S. 67° W.</p>
80.00	<p>The cor. of secs. 5, 6, 31 and 32, on the N. bdy. of the Tp., hereinbefore described.</p> <p>Land, level. Soil, sandy. Undergrowth, sage brush, scattered cacti and native grasses.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <hr/> <p>The area surveyed is within the Hopi and Navajo Indian reservations. The terrain is level to rolling and broken. The drainage is southwesterly; Begashibito Wash being the principal drainage, with Narrow Wash draining southwesterly.</p> <p>The elevation varies from 5200 to 5800 feet above sea level. The soil is mostly sand with some sandstone out crops. The vegetation principally consists of sage brush and native grasses, with scrub cedar and pinon trees sparsely scattered in the SE quadrant of the township.</p> <p>Principal access to the township is provided by Navajo Route 160 and Navajo Route 21, which is a graded road that enters the township in section 4 and exits through section 31. Hopi road No. 7 begins in section 9 as a graded road and exits through section 34. There are numerous trail roads throughout the township. Much of the township is used for grazing of livestock. There is no evidence of current mining activity.</p> <p>The mean magnetic declination of 12° E. was derived from the United States Geological Survey computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2000 for the dates of survey.</p> <hr/>



## CERTIFICATE OF SURVEY

I, W. William Foster, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 22<sup>nd</sup> day of April, 2002, I have surveyed the Eighth Standard Parallel North (south boundary), the Third Guide Meridian East (west boundary), the east and north boundaries and the subdivisional lines, T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction. Said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

4/12/04

(Date)

W. William Foster

(Cadastral Surveyor)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Phoenix, Arizona

The foregoing field notes of the survey of the Eighth Standard Parallel North (south boundary), the Third Guide Meridian East (west boundary), the east and north boundaries and the subdivisional lines, T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona, executed by W. William Foster, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

11/01/04

(Date)

Acting

Stephen K. Hansen

(Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY That the foregoing transcript of the field notes of the above described surveys in T. 33 N., R. 13 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~