

# FIELD NOTES

OF THE

DEPENDENT RESURVEY OF PORTIONS

OF THE SOUTH AND EAST BOUNDARIES,

AND A PORTION OF THE SUBDIVISIONAL LINES,

AND A SURVEY OF THE SUBDIVISION

OF CERTAIN SECTIONS

TOWNSHIP 31 NORTH, RANGE 17 EAST

Of the GILA AND SALT RIVER Meridian,

In the State of ARIZONA

## EXECUTED BY

KENNETH A. KRENKE SUPERVISORY CADASTRAL SURVEYOR

SHIRLEY B. HJELLUM SUPERVISORY CADASTRAL SURVEYOR

MARVIN T. KOPPANG CADASTRAL SURVEYOR

Under special instructions dated JULY 1, 1977, approved JULY 14, 1977,  
AND SUPPLEMENTAL SPECIAL INSTRUCTIONS DATED FEBRUARY 24, 1978, APPROVED MARCH 6,

1978, which provided for the surveys included under ~~U.S. Survey~~ Group  
Number 594, and assignment instructions dated MAY 2, 1977.

Survey commenced AUGUST 1, 1978

Survey completed FEBRUARY 20, 1981

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T. 31 N., R. 17 E., Gila and Salt River Mer., Arizona

## CHAINS

The following field notes describe the dependent resurvey of portions of the south and east boundaries, a portion of the subdivisional lines, and a survey of the subdivision of certain sections in Township 31 North, Range 17 East, Gila and Salt River Meridian, Arizona.

The south boundary was surveyed by Sidney E. Blout in 1909, and the north and east boundaries and the subdivisional lines were surveyed by Van L. White in 1911, as shown on the official plat approved April 25, 1914.

These surveys were executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, Special Instructions dated July 1, 1977, and Supplemental Special Instructions dated February 24, 1978, for Group No. 594, Arizona.

Preliminary to the resurvey, the lines of the original survey were retraced and search was made for all corners and other calls of the official record. Identified corners were remonumented in their original positions; lost corners were restored and monumented at proportionate positions based on the original record. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of all lines were determined by direct altitude observations of the sun and Polaris, and refer to the true meridian.

The geographic position of the southeast cor. of sec. 24, on the east boundary of T. 31 N., R. 17 E., identical with U.S.G.S. triangulation station "SEC COR 24/31N/17E" is:

Latitude 36° 04' 13.798" N.  
Longitude 110° 27' 19.063" W.

The mean magnetic declination is 13 1/2° E.

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Dependent Resurvey, Portion of the South Boundary  
T. 31 N., R. 17 E., Gila and Salt River Mer., Arizona

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Restoring the survey executed by  
Sidney E. Blout in 1909

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Beginning at the 1/4 sec. cor. of secs. 2 and 35, monumented with an iron post, 1 in. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. as described in the official record of the original survey of the N. bdy. , T. 30 N., R. 17 E. Add the marks T30N T31N R17E 78; the brass cap is now mkd.

Dependent Resurvey, Portion of the South Boundary  
T. 31 N., R. 17 E., Gila and Salt River Mer., Arizona

CHAINS	
	<p>From this point, AP 111 on the Hopi Indian Reservation bdy., Management District No. 6, bears S. 67° 40' E., 20.11 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">AP 111 HOPI 1964</p> <p>This cor. is located at the intersection of fences extending to the SW and SE.</p> <p>S. 89° 52' W., bet. secs. 2 and 35.</p> <p>Over rolling prairie.</p>
40.01	<p>Point for the cor. of secs. 2, 3, 34 ad 35, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">R17E T31N <u>S 34   S 35</u> <u>S 3   S 2</u> T30N 1978</p> <p>Set a steel fence post alongside the cor.</p>
40.01	<p>S. 89° 52' W., bet. secs. 3 and 34.</p> <p>Over open prairie.</p> <p>Point for the 1/4 sec. cor. of secs. 3 and 34, identical with AP C-282 on the Hopi-Navajo Partition line, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T31N R17E S 34 1/4 <u>AP C-282</u> <u>NAVAJO   HOPI</u> S 3 T30N 1978</p> <p>Set a steel fence post alongside the cor.</p>
80.02	<p>The cor. of secs. 3, 4, 33, and 34, monumented with an iron post, 3 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. as described in the original survey of the N. bdy., T. 30 N., R. 17 E. Add the date 1978; the brass cap is now mkd.</p>

Dependent Resurvey, Portion of the South Boundary  
T. 31 N., R. 17 E., Gila and Salt River Mer., Arizona

CHAINS

R17E  
T31N T30N  
S 34 | S 3  
S 33 | S 4

1978

From the cor. of secs. 5, 6, 31, and 32, monumented with an iron post, 3 ins. diam., firmly set, projecting 8 ins. above ground, in a mound of stone, 2 ft. base to top, with brass cap mkd as described in the original survey of the N. bdy., T. 30 N., R. 17 E. Add the date 1979; the brass cap is now mkd.

R17E  
T31N T30N  
S 32 | S 5  
S 31 | S 6  
1979

from which the original bearing trees

A pinon, 6 ins. diam., bears N. 49° E., 131 lks. dist., mkd. T31N R17E S32 BT. (Record bearing: N. 42° E.)

A juniper, 12 ins. diam., bears S. 20° E., 106 lks. dist., mkd. T30N R17E S5 BT.

A pinon, 10 ins. diam., bears S. 38 1/2° W., 78 lks. dist., mkd. T30N R17E S6 BT.

A pinon, 8 ins. diam., bears N. 62° W., 48 lks. dist., mkd. T31N R17E S31 BT. (Record bearing: N. 70 1/2° W.)

Surround iron post in concrete, and set a steel fence post alongside the cor.

WEST, bet. secs. 6 and 31.

Over rolling prairie, through pinon and juniper timber.

39.99

The 1/4 sec. cor. of secs. 6 and 31, monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd. as described in the original survey of the N. bdy., T. 30 N., R. 17 E. Add the marks T30N T31N R17E 1979; the brass cap is now mkd.

R17E  
T31N T30N  
S 31 1/4 | S 6

1979

Dependent Resurvey, Portion of the South Boundary  
T. 31 N., R. 17 E., Gila and Salt River Mer., Arizona

CHAINS

from which an original bearing tree

A pinon, 12 ins. diam. bears N. 44 3/4° W., 96 lks. dist., mkd. 1/4 S31 BT.

from which a new bearing tree

A pinon, 12 ins. diam. bears S. 14° W., 76 1/2 lks. dist., mkd. 1/4 S6 BT.

N. 89° 58' W., beginning new measurement.

39.40

The cor. of Tps. 30 and 31 N., Rs. 16 and 17 E., identical with AP C-300 on the Hopi-Navajo Partition line, monumented with an iron post, 3 ins. diam., firmly set, projecting 10 ins. above ground with brass cap missing.

At the corner point

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 16 ins. in the ground to bedrock, cemented in a mound of stone, 2 1/2 ft. base to top, with brass cap mkd.

T31N  
R16E R17E  
NAVAJO  
S 36 | S 31  
S 1 | S 6  
AP C-300  
HOPI  
T30N

1979

from which an original bearing tree

A juniper, 6 ins. diam., bears S. 88° W., 136 lks. dist., mkd. T30N R16E S1 BT.

from which new bearing trees

A juniper, 6 ins. diam., bears N. 46° E., 149 lks. dist., mkd. T31N R17E S31 BT.

A juniper, 5 ins. diam., bears S. 52° E., 68 1/2 lks. dist., mkd. T30N R17E S6 BT.

A juniper, 10 ins. diam., bears N. 10 1/2° W., 182 lks. dist., mkd. T31N R16E S36 BT.

Deposit old iron post alongside the cor.

Dependent Resurvey, Portion of the East Boundary  
T. 31 N., R. 17 E., Gila and Salt River Mer., Arizona

Restoring the survey executed by  
Van L. White in 1911

From the cor. of secs. 13, 18, 19 and 24, monumented with an iron post, 3 ins. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd. as described in the original survey of the E. bdy., T. 31 N., R. 17 E. Add the date 78; the brass cap is now mkd.

Dependent Resurvey, Portion of the East Boundary  
T. 31 N., R. 17 E., Gila and Salt River Mer., Arizona

	CHAINS		
	40.02	<p style="text-align: center;">T31N R17E R18E S 13   S 18 S 24   S 19</p> <p style="text-align: center;">78 1911</p> <p>Set a steel fence post alongside the cor. N. 0° 06' W., bet. secs. 13 and 18. Over open rolling prairie. Point for the 1/4 sec. cor. of secs. 13 and 18, at proportionate dist.; there is no remaining evidence of the original cor. Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>	
	80.04	<p style="text-align: center;">T31N R17E R18E 1/4 S 13   S 18</p> <p style="text-align: center;">1978</p> <p>from which A juniper, 9 ins. diam., bears N. 68° W., 109 1/2 lks. dist., mkd. 1/4 S13 BT. Set a steel fence post alongside the cor. The cor. of secs. 7, 12, 13, and 18, identical with AP C-265 on the Hopi-Navajo Partition line, monumented with an iron post, 3 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. as described in the original survey of the E. bdy., T. 31 N., R. 17 E. Add the marks HOPI NAVAJO AP C-265 78; the brass cap is now mkd.</p>	
		<p style="text-align: center;">T31N R17E R18E NAVAJO S 12   S 7 S 13   S 18 HOPI AP C-265</p> <p style="text-align: center;">78 1911</p> <p>from which an original bearing tree A juniper, 12 ins. diam., bears N. 34 1/2° E., 140 lks. dist., mkd. T31N R18E S7 BT. Surround the iron post in concrete, and set a steel fence post alongside the cor.</p>	

Dependent Resurvey, Portion of the Subdivisional Lines  
T. 31 N., R. 17 E., Gila and Salt River Mer., Arizona

CHAINS	
	<p style="text-align: center;">Restoring the survey executed by Van L. White in 1911</p> <hr style="width: 20%; margin: auto;"/> <p>From the cor. of secs. 19, 24, 25 and 30, on the E. bdy. of the Tp., identical with U.S.G.S. triangulation station "SEC COR 24/31N/17E", monumented with an iron post, 3 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. as described in the official record of the original survey. Add the date 78; the brass cap is now mkd.</p> <div style="text-align: center;"> <p>T31N R17E R18E S 24   S 19 S 25   S 30</p> <p>78 1911</p> </div> <p>Set a steel fence post alongside the cor.</p> <p>WEST, bet. secs. 24 and 25.</p> <p>Over open, rolling prairie.</p>
40.02	<p>The 1/4 sec. cor. of secs. 24 and 25, monumented with a cedar post, 3 ins. diam., firmly set, projecting 12 ins. above ground, mkd. 1/4 S 24 on N. and S 25 on S. sides.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T31N R17E 1/4 S 24 S 25</p> <p>1978</p> </div> <p>Set a steel fence post and bury the cedar post alongside the cor.</p> <hr style="width: 20%; margin: auto;"/> <p>S. 89° 55' W., beginning new measurement.</p>
26.92	<p>AP C-274 on the Hopi-Navajo Partition line, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with a steel fence post alongside, as described in the survey of the Hopi-Navajo Partition line, Segment "C", executed concurrently under this same group.</p>
40.06	<p>The cor. of secs. 23, 24, 25, and 26, identical with AP C-275 on the Hopi-Navajo Partition line, monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. as described in the official record of the original survey. Add the marks HOPI NAVAJO AP C-275 78; the brass cap is now mkd.</p>



Dependent Resurvey, Portion of the Subdivisional Lines  
T. 31 N., R. 17 E., Gila and Salt River Mer., Arizona

CHAINS		
	<p style="text-align: center;">NAVAJO T31N R17E S 23   S 24 S 26   S 25 HOPI AP C-275</p> <p style="text-align: center;">78 1911</p> <p>Set a steel fence post alongside the cor.</p> <p>This cor. is located on the N. edge of a road bearing E. and W.</p> <hr/> <p>From the cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the Tp., heretofore described.</p> <p>S. 89° 53' W., bet. secs. 13 and 24.</p> <p>Over open nearly level terrain.</p>	
40.02	<p>The 1/4 sec. cor. of secs. 13 and 24, monumented with a cedar post, 3 ins. diam., firmly set, projecting 16 ins. above ground, mkd. 1/4 S 13 on N. and S 24 on S. sides.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T31N R17E 1/4 S 13 S 24 1978</p> <p>Set a steel fence post and bury the cedar post alongside the cor.</p> <hr/> <p>S. 89° 52' W., beginning new measurement.</p>	
5.23	<p>AP C-269 on the Hopi-Navajo Partition line, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with a steel fence post alongside, as described in the survey of the Hopi-Navajo Partition line, Segment "C", executed concurrently under this same group.</p>	
40.08	<p>The cor. of secs. 13, 14, 23, and 24, monumented with an iron post, 2 ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd. as described in the official record of the original survey. Add the date 78; the brass cap is now mkd.</p> <p style="text-align: center;">T31N R17E S 14   S 13 S 23   S 24 78 1911</p> <p>Raise a mound of stone, 2 1/2 ft. base, 1 ft. high, W. of the cor., and set a steel fence post alongside the cor.</p>	

Dependent Resurvey, Portion of the Subdivisional Lines  
T. 31 N., R. 17 E., Gila and Salt River Mer., Arizona

CHAINS	
	<p>From the cor. of secs. 7, 12, 13, and 18, identical with AP C-265 on the Hopi-Navajo Partition line, on the E. bdy. of the Tp., heretofore described.</p> <p>S. 89° 52' W., bet. secs. 12 and 13.</p> <p>Over gently rolling terrain, through scattered timber and brush.</p>
40.05	<p>The 1/4 sec. cor. of secs. 12 and 13, identical with AP C-266 on the Hopi-Navajo Partition line, monumented with a cedar post, 3 ins. diam., loosely set in a scattered mound of stone, mkd. 1/4 S12 on N. and S13 on the S. sides, from which the original bearing trees</p> <p style="padding-left: 40px;">A juniper, 9 ins. diam., bears S. 29° W., 142 lks. dist., mkd. 1/4 S13 BT. (Record bearing: S. 23° W.)</p> <p style="padding-left: 40px;">A juniper, 10 ins. diam., bears N. 20° W., 115 lks. dist., mkd. 1/4 S12 BT. (Record bearing: N. 23 1/2° W.)</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, in concrete, with brass cap mkd.</p> <div style="text-align: center; padding: 10px 0;"> <p>T31N R17E NAVAJO 1/4 <math>\frac{S\ 12}{S\ 13}</math> AP C-266 HOPI 1978</p> </div> <p>Set a steel fence post alongside the cor.</p> <hr style="width: 20%; margin: 0 auto;"/> <p>S. 89° 51' W., beginning new measurement.</p>
5.10	<p>AP C-267 on the Hopi-Navajo Partition line, monumented with an iron post, 2 1/2 ins. diam., firmly set in concrete, projecting 4 ins. above the ground, with a steel fence post alongside, as described in the survey of the Hopi-Navajo Partition line, Segment "C", executed concurrently under this same group.</p>
40.00	<p>The cor. of secs. 11, 12, 13, and 14, determined at record bearing and distance from the remaining original bearing trees:</p> <p style="padding-left: 40px;">A juniper, 20 ins. diam., bears S. 46 1/2° W., 81 lks. dist., mkd. T31N R17E S14 BT.</p> <p style="padding-left: 40px;">A juniper, 28 ins. diam., bears N. 19 1/2° W., 366 lks. dist., mkd. T31N R17E S11 BT.</p> <p>At the corner point</p> <p>Set a steel fence post, 7 ft. long, in bottom of a wash. from which</p>

Dependent Resurvey, Portion of the Subdivisional Lines  
T. 31 N., R. 17 E., Gila and Salt River Mer., Arizona

	CHAINS	
		<p>An iron post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears N. 50 1/2° E., 89.5 ft. dist., with brass cap mkd. T31N R17E RM S12 89.5 FT 1978, and an arrow pointing to the cor. Set a steel fence post alongside the cor.</p> <p>An iron post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 66° E., 56 ft. dist., with brass cap mkd. T31N R17E RM S13 56 FT 1978, and an arrow pointing to the cor. Set a steel fence post alongside the cor.</p>
		<p>From the cor. of secs. 2, 3, 34, and 35, on the S. bdy of the Tp., heretofore described.</p> <p>N. 0° 05' W., bet. secs. 34 and 35.</p> <p>Over rolling sandy terrain, through scattered brush.</p>
40.03		<p>Point for the 1/4 sec. cor. of secs. 34 and 35, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T31N R17E 1/4 S 34   S 35  1978</p> <p>Set a steel fence post alongside the cor.</p> <p>This cor. is located 48 lks. N. of a trail road, bearing NE and SW.</p>
80.06		<p>The cor. of secs. 26, 27, 34, and 35, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T31N R17E S 27   S 26 S 34   S 35  1978</p> <p>Set a steel fence post alongside the cor.</p> <p>This cor. is located 105 lks. E. of a road, bearing N. and S.</p>
		<p>From the cor. of secs. 25, 26, 35, and 36, monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd. as described in the official record of the original survey. Add the date 78; the brass cap is now mkd.</p>

Dependent Resurvey, Portion of the Subdivisional Lines  
T. 31 N., R. 17 E., Gila and Salt River Mer., Arizona

CHAINS		
40.02	<p style="text-align: center;">T31N R17E S 26   S 25 S 35   S 36</p> <p style="text-align: center;">78 1911</p> <p>Set a steel fence post alongside the cor.</p> <p>S. 89° 50' W., bet. secs. 26 and 35.</p> <p>Over rolling prairie.</p> <p>Point for the 1/4 sec. cor. of secs. 26 and 35, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>	
80.04	<p style="text-align: center;">T31N R17E 1/4 S 26 S 35</p> <p style="text-align: center;">1978</p> <p>Set a steel fence post alongside the cor.</p> <p>The cor. of secs. 26, 27, 34, and 35.</p>	
40.03	<hr/> <p>N. 0° 02' W., bet. secs. 26 and 27.</p> <p>Over gently rolling sandy terrain, through scattered brush.</p> <p>The 1/4 sec. cor. of secs. 26 and 27, monumented with a cedar post, 3 ins. diam., firmly set, projecting 6 ins. above ground, mkd. 1/4 S on W. and S 26 on E. sides.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T31N R17E 1/4 S 27   S 26</p> <p style="text-align: center;">1978</p> <p>Set a steel fence post and bury the cedar post alongside the cor.</p> <p>This cor. is located 92 lks. S. of a road, bearing E. and W.</p> <hr/> <p>N. 0° 02' W., beginning new measurement.</p>	

Dependent Resurvey, Portion of the Subdivisional Lines  
T. 31 N., R. 17 E., Gila and Salt River Mer., Arizona

CHAINS	
40.00	<p>True point for the cor. of secs. 22, 23, 26, and 27, identical with AP C-277 on the Hopi-Navajo Partition line, at proportionate dist.; there is no remaining evidence of the original cor. The cor. point falls on a steep rock face where it is impracticable to establish a permanent monument.</p> <hr/> <p>From the cor. of secs. 23, 24, 25, and 26, identical with AP C-275 on the Hopi-Navajo Partition line.</p> <p>S. 89° 50' W., bet. secs. 23 and 26.</p> <p>Over open, rolling prairie.</p>
39.99	<p>Point for the 1/4 sec. cor. of secs. 23 and 26, identical with AP C-276 on the Hopi-Navajo Partition line, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T31N R17E NAVAJO 1/4 <math>\frac{S\ 23}{S\ 26}</math> HOPI AP C-276  1978</p> <p>Set a steel fence post alongside the cor.</p> <p>This cor. is located 30 lks. S. of a road, bearing NW and E.</p>
79.96	<p>Point selected for the witness cor. of secs. 22, 23, 26, and 27, identical with the witness cor. for AP C-277 on the Hopi-Navajo Partition line.</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 2 ins. in the ground to bedrock, in a mound of stone, 5 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">W C T31N R17E NAVAJO <math>\leftarrow \frac{S\ 22\   \ S\ 23}{S\ 27\   \ S\ 26}</math> HOPI AP C-277  1978</p> <p>Set a steel fence post alongside the cor.</p>
79.98	<p>True point for the cor. of secs. 22, 23, 26, and 27, identical with AP C-277 on the Hopi-Navajo Partition line.</p> <hr/> <p>N. 0° 03' W., bet. secs. 22 and 23.</p> <p>Over open, rolling prairie.</p>

Dependent Resurvey, Portion of the Subdivisional Lines  
T. 31 N., R. 17 E., Gila and Salt River Mer., Arizona

<p>CHAINS 40.00</p>	<p>Point for the 1/4 sec. cor. of secs. 22 and 23, at proportionate dist.; there is no remaining evidence of the original cor. The cor. point falls in a cornfield and was not monumented.</p>										
<p>80.00</p>	<p>The cor. of secs. 14, 15, 22, and 23, determined at record bearing and dist. from the original bearing tree.</p> <p style="padding-left: 40px;">A juniper, 14 ins. diam., bears S. 72 1/2° W., 57 lks. dist., mkd. T31N R17E S22 BT.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 20px 0;"> <table style="margin: auto; border-collapse: collapse;"> <tr> <td colspan="2">T31N R17E</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 15</td> <td style="padding: 0 5px;">S 14</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 22</td> <td style="padding: 0 5px;">S 23</td> </tr> </table> <p>1978</p> </div> <p>from which new bearing trees</p> <p style="padding-left: 40px;">A juniper, 6 ins. diam., bears N. 13 1/2° E., 135 lks. dist., mkd. T31N R17E S14 BT.</p> <p style="padding-left: 40px;">A juniper, 5 ins. diam., bears S. 13° E., 221 lks. dist., mkd. T31N R17E S23 BT.</p> <p style="padding-left: 40px;">A juniper, 6 ins. diam., bears N. 71° W., 103 1/2 lks. dist., mkd. T31N R17E S15 BT.</p> <p>Set a steel fence post alongside the cor.</p> <hr style="border: 0.5px solid black;"/> <p>From the cor. of secs. 26, 27, 34 and 35.</p> <p>S. 89° 50' W., bet. secs. 27 and 34.</p> <p>Over hilly terrain, through scattered pinon and juniper timber.</p>	T31N R17E		S 15	S 14	S 22	S 23				
T31N R17E											
S 15	S 14										
S 22	S 23										
<p>40.03</p>	<p>The 1/4 sec. cor. of secs. 27 and 34, identical with AP C-280 on the Hopi-Navajo Partition line, monumented with a cedar post, 3 ins. diam., firmly set, projecting 4 ins. above ground, mkd. 1/4 S 27 on N. and S 34 on S. sides, from which an original bearing tree;</p> <p style="padding-left: 40px;">A juniper, 14 ins. diam., bears S. 87 1/4° W., 367 lks. dist., mkd. 1/4 S34 BT.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 20px 0;"> <table style="margin: auto; border-collapse: collapse;"> <tr> <td colspan="2">T31N R17E</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">NAVAJO</td> <td style="padding: 0 5px;">HOPI</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">1/4 S</td> <td style="padding: 0 5px;">27</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S</td> <td style="padding: 0 5px;">34</td> </tr> <tr> <td colspan="2">AP C-280</td> </tr> </table> <p>1978</p> </div>	T31N R17E		NAVAJO	HOPI	1/4 S	27	S	34	AP C-280	
T31N R17E											
NAVAJO	HOPI										
1/4 S	27										
S	34										
AP C-280											

Dependent Resurvey, Portion of the Subdivisional Lines  
T. 31 N., R. 17 E., Gila and Salt River Mer., Arizona

CHAINS

from which a new bearing tree

A juniper, 6 ins. diam., bears N. 25° W., 374 lks.  
dist., mkd. 1/4 S27 BT.

Set a steel fence post and bury the cedar post along-  
side the cor.

From the true point for the cor. of secs. 22, 23, 26,  
and 27, identical with AP C-277 on the Hopi-Navajo Par-  
tition line.

S. 89° 47' W., bet. secs. 22 and 27.

Over rolling hills, through scattered timber and brush.

40.06

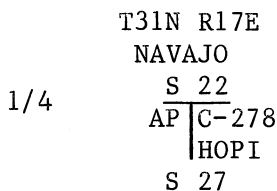
The 1/4 sec. cor. of secs. 22 and 27, identical with AP  
C-278 on the Hopi-Navajo Partition line, monumented  
with a cedar post, 3 ins. diam., loosely set in a scat-  
tered mound of stone, mkd. S 22 on N. side, from which  
the original bearing trees;

A juniper, 8 ins. diam., bears S. 67° E., 162 lks.  
dist., mkd. 1/4 S27 BT.

A juniper, 8 ins. diam., bears N. 32 1/2° W., 201  
lks. dist., mkd. 1/4 S22 BT.

At the corner point

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 10  
ins. in the ground to bedrock, in a mound of stone, 4  
ft. base to top, with brass cap mkd.



1978

Set a steel fence post and bury the cedar post along-  
side the cor.

Survey of the Subdivision of Certain Sections  
T. 31 N., R. 17 E., Gila and Salt River Mer., Arizona

Section 27

From the 1/4 sec. cor. of secs. 27 and 34, identical  
with AP C-280 on the Hopi-Navajo Partition line.

N. 0° 01' W. on the N. and S. center line of sec. 27.

40.03

Point for the center 1/4 sec. cor. of sec. 27, iden-  
tical with AP C-279 on the Hopi-Navajo Partition line,  
at intersection with the E. and W. center line.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24  
ins. in the ground, with brass cap mkd.

Survey of the Subdivision of Certain Sections  
T. 31 N., R. 17 E., Gila and Salt River Mer., Arizona

CHAINS		
	<p style="text-align: center;">T31N R17E C 1/4   S 27 NAVAJO   HOPI AP   C-279</p> <p style="text-align: center;">1978</p> <p>from which</p> <p style="padding-left: 40px;">A juniper, 12 ins. diam., bears N. 45° E., 117 lks. dist., mkd. C 1/4 S27 BT.</p> <p style="padding-left: 40px;">A juniper, 8 ins. diam., bears N. 33° W., 89 lks. dist., mkd. C 1/4 S27 BT.</p> <p>79.98 The 1/4 sec. cor. of secs. 22 and 27, identical with AP C-278 on the Hopi-Navajo Partition line.</p>	
	<hr/> <p>From the 1/4 sec. cor. of secs. 26 and 27.</p> <p>S. 89° 51' W., on the E. and W. center line of sec. 27.</p>	
	<p>40.03 The center 1/4 sec. cor. of sec. 27, identical with AP C-279 on the Hopi-Navajo Partition line.</p>	
	<p>80.10 The 1/4 sec. cor. of secs. 27 and 28, determined at record bearing and dist. from the remains of the original bearing trees:</p> <p style="padding-left: 40px;">A juniper, 20 ins. diam., bears N. 63 3/4° E., 141 lks. dist., mkd. 1/4 S27 BT.</p> <p style="padding-left: 40px;">A juniper stump, 14 ins. diam., bears S. 74 1/2° W., 80 lks. dist., no marks visible.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T31N R17E 1/4 S 28   S 27</p> <p style="text-align: center;">1978</p> <p>from which a new bearing tree</p> <p style="padding-left: 40px;">A juniper, 6 ins. diam., bears N. 11 1/2° W., 76 1/2 lks. dist., mkd. 1/4 S28 BT.</p>	
	<p style="text-align: center;"><u>Section 34</u></p> <p>From the 1/4 sec. cor. of secs. 3 and 34, identical with AP C-282 on the Hopi-Navajo Partition line, on the S. bdy. of the Tp.</p> <p>N. 0° 06' W., on the N. and S. center line of sec. 34.</p> <p>40.02 Point for the center 1/4 sec. cor. of sec. 34, identical with AP C-281 on the Hopi-Navajo Partition line, at intersection with the E. and W. center line.</p>	



Survey of the Subdivision of Certain Sections  
T. 31 N., R. 17 E., Gila and Salt River Mer., Arizona

CHAINS

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T31N R17E  
S 34  
NAVAJO | HOPI  
C | 1/4  
AP | C-281

1978

Set a steel fence post alongside the cor.

80.04 The 1/4 sec. cor. of secs. 27 and 34, identical with AP C-280 on the Hopi-Navajo Partition line.

From the 1/4 sec. cor. of secs. 34 and 35.

S. 89° 51' W., on the E. and W. center line of sec. 34.

40.03 The center 1/4 sec. cor. of sec. 34, identical with AP C-281 on the Hopi-Navajo Partition line.

80.02 The 1/4 sec. cor. of secs. 33 and 34, monumented with a cedar post, 5 ins. diam., firmly set, projecting 12 ins. above ground, mkd. 1/4 S 33 on W. side, with a mound of stone, 2 ft. base, 1 ft. high, W. of cor.

At the corner point

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T31N R17E  
1/4  
S 33 | S 34

1978

Set a steel fence post and bury the cedar post alongside the cor.

GENERAL DESCRIPTION

The land encompassed in this survey is located approximately 5 miles east of Rocky Ridge School and approximately 1 mile north of the Navajo Gospel Mission. Elevation ranges from 5900 feet to 6200 feet above sea level. The soil consists mainly of sandy loam. The vegetation is of native grasses and weeds with some scattered juniper in the western area.

Access to the area is by several trail roads meandering throughout the area.

An average of the readings throughout the area resurveyed gives a mean magnetic declination of 13 1/2° East, with no noticeable difference due to local attraction.

CHAINS

Form 9600-11  
(August 1979)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Everett E. Gorgen	Surveying Aid
Ervin Begay	Surveying Aid
Timothy G. VanLoon	Surveying Aid
Duane C. Maktima	Surveying Aid
Robert L. Clark	Surveying Aid
Michael N. Adkins	Surveying Aid
Gerald L. Hodgson	Surveying Aid

CERTIFICATE OF SURVEY

Hjellum

~~XX~~(We), Kenneth A. Krenke, Marvin T. Koppang and Shirley B. , HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 1st day of July , 1977 , ~~XXXXXXXXXX~~ and Supplemental Special Instructions dated February 24, 1978, (We) have dependently resurveyed portions of the south and east boundaries, and a portion of the subdivisional lines, and surveyed the subdivision of certain sections, Township 31 North, Range 17 East,

of the Gila and Salt River Meridian, in the State of Arizona , which are represented in the foregoing field notes as having been executed by ~~XXXX~~ (us) and under ~~XXXX~~ (our) direction; and that 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.

Kenneth A. Krenke and Marvin T. Koppang are no longer employees of the Bureau of Land Management and could not be reached to sign this Certificate of Survey.

May 29, 1981  
(Date)

*Paul D. Dennis*  
~~XXXXXXXXXXXXXX~~  
Chief, Branch of Cadastral Survey

May 29, 1981  
(Date)

*Shirley B. Hjellum*  
Supervisory (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Denver, Colorado

The foregoing field notes of the dependent resurvey of portions of the south and east boundaries, and a portion of the subdivisional lines, and a survey of the subdivision of certain sections, Township 31 North, Range 17 East, of the Gila and Salt River Meridian, Arizona,

executed by Kenneth A. Krenke and Shirley B. Hjellum, Supervisory Cadastral Surveyors, and Marvin T. Koppang, Cadastral Surveyor having been critically examined and found correct, are hereby approved.

SEP 17 1981  
(Date)

*Mary S. Spurr*  
ACTING (Chief, Cadastral Survey Examination and Approval Staff)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above-described surveys in , is a true copy of the original field notes.

(Date)

(Chief, Cadastral Survey Examination and Approval Staff)