

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

R 5147

BOOK 5147

PAGE 01

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION

OF THE SUBDIVISIONAL LINES,

AND A SURVEY OF THE SUBDIVISION

OF SECTION 3

TOWNSHIP 30 NORTH, RANGE 17 EAST

Of the GILA AND SALT RIVER Meridian,

In the State of ARIZONA

EXECUTED BY

KENNETH A. KRENKE SUPERVISORY CADASTRAL SURVEYOR

MARVIN T. KOPPANG CADASTRAL SURVEYOR

SHIRLEY B. HJELLUM SUPERVISORY CADASTRAL SURVEYOR

Under special instructions dated JULY 1, 19 77, approved JULY 14, 1977,

AND SUPPLEMENTAL SPECIAL INSTRUCTIONS DATED FEBRUARY 24, 1978, APPROVED

MARCH 6, 1978, which provided for the surveys included under ~~XXXXXX~~ Group

Number 594, and assignment instructions dated MAY 2, 19 77.

Survey commenced AUGUST 1, 19 78

Survey completed FEBRUARY 20, 19 81

# INDEX DIAGRAM

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T. 30 N., R. 17 E., Gila and Salt River Mer., Arizona

## CHAINS

The following field notes describe the dependent resurvey of a portion of the subdivisional lines, and a survey of the subdivision of section 3, Township 30 North, Range 17 East, Gila and Salt River Meridian, Arizona.

In 1908-09, Sidney E. Blout surveyed the Fourth Guide Meridian East (west boundary) south and east boundaries and subdivisions as shown on the official plat approved April 25, 1914. A portion of the north boundary was resurveyed in Township 31 North, Range 17 East, concurrently under this same group.

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

The geographic position of the cor. of secs. 9, 10, 15, and 16, as determined from a tie to U.S. Coast and Geodetic Survey triangulation station "NIEM 2 1964" is as follows:

Latitude  $36^{\circ} 00' 40.3''$  N., Longitude  $110^{\circ} 30' 31.7''$  W.

The mean magnetic declination is  $13 \frac{1}{2}^{\circ}$  E.

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Dependent Resurvey, Portion of the Subdivisional Lines  
T. 30 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 cor. of secs. 2, 3, 10, and 11, monumented with a sandstone, 16 x 14 x 6 ins., firmly set, projecting 12 ins. above the ground, in a mound of stone, 3 ft. base, 1 ft. high, no marks visible.

At the corner point

Set an aluminum post, 30 ins. long,  $2 \frac{1}{2}$  ins. diam., 8 ins. in the ground to bedrock, cemented in a mound of stone, 6 ft. base to top, with aluminum cap mkd.

T30N R17E  
S 3 S 2  
S 10 S 11

1981

N.  $0^{\circ} 08'$  E., bet. secs. 2 and 3.

Dependent Resurvey, Portion of the Subdivisional Lines  
T. 30 N., R. 17 E., Gila and Salt River Mer., Arizona

CHAINS		
40.01	<p>Over hilly terrain, through scattered brush.</p> <p>Point for the 1/4 sec. cor. of secs. 2 and 3, 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;">T30N R17E 1/4 S 3 S 2</p> <p style="text-align: center;">1979</p> <p>from which</p> <p style="padding-left: 40px;">The SE cor. of a stone hogan, bears N. 82° W., 91 lks. dist.</p> <p style="padding-left: 40px;">The NW cor. of a stone hogan, bears N. 53° W., 85 lks. dist.</p>	
79.90	<p>The cor. of secs. 2, 3, 34, and 35 on the N. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, previously described in the dependent resurvey of a portion of the S. bdy., T. 31 N., R. 17 E., executed concurrently under this same group.</p> <hr/> <p>From the cor. of secs. 9, 10, 15, and 16, determined at record bearing and dist., from the remains of the original bearing trees:</p> <p style="padding-left: 40px;">A pinon, 16 ins. diam., bears N. 55 1/2° E., 102 lks. dist., mkd. T30N R17E BT.</p> <p style="padding-left: 40px;">A root crown of a pinon, size indeterminate, bears S. 13 3/4° E., 353 lks. dist., no visible marks.</p> <p>At the corner point</p> <p>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.</p> <p style="text-align: center;">T30N R17E <u>S 9 S 10</u> S 16 S 15</p> <p style="text-align: center;">1979</p> <p>from which new bearing trees</p> <p style="padding-left: 40px;">A juniper, 12 ins. diam., bears S. 57° E., 259 lks. dist., mkd. T30N R17E S15 BT.</p> <p style="padding-left: 40px;">A juniper, 10 ins. diam., bears S. 52° W., 225 lks. dist., mkd. T30N R17E S16 BT.</p> <p>From this cor., U. S. Coast and Geodetic Survey triangulation station "NIEM 2 1964," bears S. 85° 17' W., 59.40 chs. dist., monumented with a standard brass cap, 3 1/2 ins. diam, firmly cemented into a drill hole, in solid rock, with top mkd. NIEM 2 1964 and a triangle.</p> <p>N. 0° 01' W., bet. secs. 9 and 10.</p> <p>Over rolling hills, through scattered timber and brush.</p>	

Dependent Resurvey, Portion of the Subdivisional Lines  
T. 30 N., R. 17 E., Gila and Salt River Mer., Arizona

CHAINS		
34.28	<p>AP C-287 on the Hopi-Navajo Partition line, monumented with an aluminum post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, in concrete, with a steel fence post alongside, as described in the survey of the Hopi-Navajo Partition line, executed concurrently under this same group.</p>	
39.99	<p>The 1/4 sec. cor. of secs. 9 and 10, determined at record bearing and dist. from the original bearing trees:</p> <p style="padding-left: 40px;">A juniper, 24 ins. diam., bears S. 72° E., 320 lks. dist., with a healed blaze.</p> <p style="padding-left: 40px;">A juniper, 16 ins. diam., bears S. 50° W., 158 lks. dist., mkd. 1/4 S9 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;"> <p>T30N R17E</p> <p style="margin-left: 40px;">1/4</p> <p style="margin-left: 40px;">S 9   S 10</p> <p>1979</p> </div> <p>Set a steel fence post alongside the cor.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0° 03' W., beginning new measurement.</p>	
39.99	<p>The cor. of secs. 3, 4, 9, and 10, monumented with an iron post, 2 ins. diam., firmly set, projecting 14 ins. above ground, with brass cap mkd.</p> <div style="text-align: center; margin: 20px 0;"> <p>T30N R17E</p> <p style="margin-left: 40px;">S 4   S 3</p> <hr style="width: 50%; margin: 0 auto;"/> <p style="margin-left: 40px;">S 9   S 10</p> <p>1908</p> </div> <p>from which the original bearing trees</p> <p style="padding-left: 40px;">A juniper stump, 14 ins. diam., bears S. 60 3/4° E., 421 lks. dist.; no visible marks.</p> <p style="padding-left: 40px;">A juniper, 20 ins. diam., bears N. 73° W., 347 lks. dist., mkd. T30N R17E S4 BT.</p> <p>Add the date 1981 to the brass cap.</p> <hr style="width: 80%; margin: 10px auto;"/> <p>From the cor. of secs. 2, 3, 10 and 11.</p> <p>S. 89° 54' W., bet. secs. 3 and 10.</p> <p>Over rolling terrain, through scattered juniper and pinon timber.</p>	
40.01	<p>Point for the 1/4 sec. cor. of secs. 3 and 10, identical with AP C-284 on the Hopi-Navajo Partition line, at proportionate dist.; there is no remaining evidence of the original cor.</p>	

Dependent Resurvey, Portion of the Subdivisional Lines  
T. 30 N., R. 17 E., Gila and Salt River Mer., Arizona

CHAINS		
80.02	<p>Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, in concrete, with brass cap mkd.</p> <p style="text-align: center;">T30N R17E AP C-284 1/4 <math>\frac{S}{S} \frac{3}{10}</math> NAVAJO   HOPI</p> <p style="text-align: center;">1979</p> <p>Set a steel fence post alongside the cor.</p> <p>The cor. of secs. 3, 4, 9, and 10.</p>	
39.92	<p>N. 0° 10' E., bet. secs. 3 and 4.</p> <p>Over rolling sandy terrain, through sparse vegetation, juniper and pinon timber.</p> <p>Point for the 1/4 sec. cor. of secs. 3 and 4, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set a brass tablet, 3 1/4 ins. diam., 3 1/2 in. stem, in a drill hole, flush with surface of rock, with top mkd.</p> <p style="text-align: center;">T30N R17E 1/4 S 4   S 3</p> <p style="text-align: center;">1981</p> <p>from which</p> <p style="padding-left: 40px;">A juniper, 10 ins. diam., bears S. 40 3/4° E., 277 lks. dist., mkd. 1/4 S3 BT.</p> <p style="padding-left: 40px;">A juniper, 10 ins. diam., bears S. 51° W., 320 1/2 lks. dist., mkd. 1/4 S4 BT.</p> <p>From this point, the SE cor. of the Navajo Gospel Mission Inc., bears S. 77° 47' E., 596.6 ft. dist., monumented with an iron pipe, 1 in. diam., firmly set, projecting 4 ins. above the ground.</p>	
79.82	<p>The cor. of secs. 3, 4, 33, and 34, on the N. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 8 ins. above the ground, previously described in the dependent resurvey of the S. bdy., T. 31 N., R. 17 E., executed concurrently under this same group.</p> <hr/> <p>From the cor. of secs. 8, 9, 16, and 17, determined at record bearing and dist. from the remains of the original bearing trees:</p> <p style="padding-left: 40px;">A juniper stump, bears N. 62 1/2° E., 89 lks. dist., no marks visible.</p> <p style="padding-left: 40px;">A pinon, 14 ins. diam., bears S. 57 1/4° E., 136 lks. dist., mkd. T30N R17E S16 BT.</p>	

Dependent Resurvey, Portion of the Subdivisional Lines  
T. 30 N., R. 17 E., Gila and Salt River Mer., Arizona

	CHAINS		
		<p>A juniper stump, bears S. 11 1/4° W., 64 lks. dist., no marks visible.</p> <p>A juniper stump, bears N. 21° W., 44 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., 25 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T30N R17E S 8   S 9 S 17   S 16</p> <p style="text-align: center;">1979</p> <p>from which new bearing trees</p> <p>A juniper, 20 ins. diam., bears N. 60° E., 207 lks. dist., mkd. T30N R17E S9 BT.</p> <p>A juniper, 20 ins. diam., bears S. 77° W., 82 lks. dist., T30N R17E S17 BT.</p> <p>A juniper, 12 ins. diam., bears N. 21° W., 263 1/2 lks. dist., mkd. T30N R17E S8 BT.</p> <p>N. 0° 10' W., bet. secs. 8 and 9.</p> <p>Over rolling hills, through scattered pinon and juniper timber.</p>	
	34.55	<p>AP C-289 on the Hopi-Navajo Partition line, monumented with an aluminum post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, in concrete, with a steel fence post alongside, as described in the survey of the Hopi-Navajo Partition line, executed concurrently under this same group.</p>	
	40.09	<p>The 1/4 sec. cor. of secs. 8 and 9, determined at record dist. from the original bearing trees:</p> <p>The root crown of a juniper, size indeterminate, bears N. 40 1/2° E., 63 lks. dist. (Record bearing: N. 36 1/4° E.)</p> <p>A juniper, 14 ins. diam., bears S. 74 1/2° W., 112 lks. dist., mkd. 1/4 S8 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> <p style="text-align: center;">T30N R17E 1/4 S 8   S 9</p> <p style="text-align: center;">1979</p> <p>from which a new bearing tree</p> <p>A juniper, 16 ins. diam., bears N. 16 1/2° E., 217 lks. dist., mkd. 1/4 S9 BT.</p>	

Dependent Resurvey, Portion of the Subdivisional Lines  
T. 30 N., R. 17 E., Gila and Salt River Mer., Arizona

CHAINS	
	N. 0° 01' E., beginning new measurement.
39.94	The cor. of secs. 4, 5, 8, and 9, at proportionate dist.; there is no remaining evidence of the original cor.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, in concrete, with brass cap mkd.
	<p style="text-align: center;">T30N R17E S 5   S 4 S 8   S 9</p>
	<p style="text-align: center;">1981</p>
	Set a steel fence post alongside the cor.
	<hr/> From the cor. of secs. 3, 4, 9, and 10.
	S. 89° 50' W., bet. secs. 4 and 9.
	Over rolling terrain, through scattered pinon and juniper timber.
40.01	Point for the 1/4 sec. cor. of secs. 4 and 9, at proportionate dist.; there is no remaining evidence of the original cor.
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, in concrete, with brass cap mkd.
	<p style="text-align: center;">T30N R17E 1/4 <math>\frac{S 4}{S 9}</math></p>
	<p style="text-align: center;">1981</p>
	Set a steel fence post alongside the cor.
80.02	The cor. of secs. 4, 5, 8, and 9.
	<hr/> N. 0° 03' W., bet. secs. 4 and 5.
	Over rolling terrain, through scattered pinon and juniper timber.
39.94	The 1/4 sec. cor. of secs. 4 and 5, determined at record dist. from the original bearing trees
	<p style="padding-left: 40px;">A pinon, 20 ins. diam., bears S. 28 1/4° E., 355 lks. dist., mkd. 1/4 S4 BT.</p>
	<p style="padding-left: 40px;">A pinon, 14 ins. diam., bears S. 27 1/4° W., 214 lks. dist., mkd. 1/4 S5 BT. (Record bearing: S. 40 1/2° W.)</p>
	At the corner point
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground to bedrock, cemented in a mound of stone, 4 ft. base to top, with brass cap mkd.



Dependent Resurvey, Portion of the Subdivisional Lines  
T. 30 N., R. 17 E., Gila and Salt River Mer., Arizona

	CHAINS		
		<p style="text-align: center;">T30N R17E 1/4 S 5   S 4</p> <p style="text-align: center;">1981</p> <p>Set a steel fence post alongside the cor.</p> <hr/> <p>From the cor. of secs. 7, 8, 17, and 18, monumented with an unmkd. sandstone, 16 x 16 x 6 ins., firmly set, projecting 8 ins. above ground, in a mound of stone, 4 ft. base, 1 ft. high, from which the original bearing trees:</p> <p style="padding-left: 40px;">A juniper, 16 ins. diam., bears N. 75 1/4° E., 119 lks. dist., mkd. T30N R17E S8 BT.</p> <p style="padding-left: 40px;">A juniper, 10 ins. diam., bears S. 74 1/2° E., 90 lks. dist., mkd. T30N R, no other visible marks.</p> <p style="padding-left: 40px;">A juniper, 14 ins. diam., bears S. 62 1/4° W., 131 lks. dist., mkd. T30N R17E S18 BT.</p> <p style="padding-left: 40px;">A juniper, 9 ins. diam., bears N. 55° W., 126 lks. dist., mkd. S7 BT, no other visible marks. (Record bearing: N. 83 1/2° W.)</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, in concrete, with brass cap mkd.</p>	
		<p style="text-align: center;">T30N R17E S 7   S 8 S 18   S 17</p> <p style="text-align: center;">1979</p> <p>Set a steel fence post and bury the unmkd. sandstone alongside the cor.</p> <p>N. 0° 02' E., bet. secs. 7 and 8.</p>	
	39.99	<p>Point for the 1/4 sec. cor. of secs. 7 and 8, 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., 26 ins. in the ground, in concrete, with brass cap mkd.</p>	
		<p style="text-align: center;">T30N R17E 1/4 S 7   S 8</p> <p style="text-align: center;">1979</p> <p>Set a steel fence post alongside the cor.</p>	
	79.98	<p>The cor. of secs. 5, 6, 7, and 8, identical with AP C-293 on the Hopi-Navajo Partition line, monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the original survey of the subdivisional lines, T. 30 N., R. 17 E. Add the marks HOPI NAVAJO AP C-293 79, the brass cap is now mkd.</p>	

Dependent Resurvey, Portion of the Subdivisional Lines  
T. 30 N., R. 17 E., Gila and Salt River Mer., Arizona

CHAINS

T30N R17E  
S 6 | S 5  
HOPI | NAVAJO  
S 7 | S 8  
AP C-293

79  
1909

from which the original bearing trees

A juniper, 9 ins. diam., bears N.  $65\frac{1}{4}^{\circ}$  E., 483  
lks. dist., mkd. T30N R17E S5 BT.

A juniper, 10 ins. diam., bears S.  $29\frac{1}{2}^{\circ}$  E., 390  
lks. dist., mkd. T30N R17E S8 BT.

A juniper, 10 ins. diam., bears S.  $32^{\circ}$  W., 220  
lks. dist., mkd. T30N R17E S7 BT. (Record bearing:  
S.  $17\frac{3}{4}^{\circ}$  W.)

A juniper, 10 ins. diam., bears N.  $31^{\circ}$  W., 302  
lks. dist., mkd. E S6 BT, no other visible marks.

Set a steel fence post alongside the cor.

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N.  $0^{\circ} 04'$  E., bet. secs. 5 and 6.

Over rolling terrain, through scattered juniper and  
pinon timber.

39.97 The  $\frac{1}{4}$  sec. cor. of secs. 5 and 6, identical with AP  
C-294 on the Hopi-Navajo Partition line, determined at  
record bearing and dist. from the original bearing  
trees:

A pinon, 10 ins. diam., bears S.  $65\frac{1}{4}^{\circ}$  E., 48  
lks. dist., mkd.  $\frac{1}{4}$  S5 BT.

A juniper, 14 ins. diam., bears S.  $39\frac{1}{2}^{\circ}$  W., 41  
lks. dist., mkd.  $\frac{1}{4}$  S6 BT.

At the corner point

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 8  
ins. in the ground to bedrock, in concrete, in a mound  
of stone, 4 ft. base to top, with brass cap mkd.

T30N R17E  
 $\frac{1}{4}$   
S 6 | S 5  
HOPI | NAVAJO  
AP C-294

1979

Set a steel fence post alongside the cor.

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NORTH, beginning new measurement.

Dependent Resurvey, Portion of the Subdivisional Lines  
T. 30 N., R. 17 E., Gila and Salt River Mer., Arizona

CHAINS		
29.96	AP C-295 on the Hopi-Navajo Partition line, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above ground, in concrete, 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.	
40.21	The cor. of secs. 5, 6, 31, and 32, on the N. bdy. of the Tp., 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 dependent resurvey of a portion of the S. bdy. of T. 31 N., R. 17 E., executed concurrently under this same group.	
<hr/> Survey of the Subdivision of Section 3 T. 30 N., R. 17 E., Gila and Salt River Mer., Arizona		
	From the 1/4 sec. cor. of secs. 3 and 10, identical with AP C-284 on the Hopi-Navajo Partition line.  N. 0° 09' E., on the N. and S. center line of sec. 3.	
39.96	The center 1/4 sec. cor. of sec. 3, identical with AP C-283 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., 26 ins. in the ground, in concrete, with brass cap mkd.  <div style="text-align: center;">                     T30N R17E                      NAVAJO   HOPI                      C 1/4   S 3                      AP   C-283                 </div> 1979	
79.87	Set a steel fence post alongside the cor.  The 1/4 sec. cor. of secs. 3 and 34, on the N. bdy. of the Tp., identical with AP C-282 on the Hopi-Navajo Partition line, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with a steel fence post alongside, as described in the field note record of the dependent resurvey of a portion of the S. bdy. of T. 31 N., R. 17 E., executed concurrently under this same group.	
	From the 1/4 sec. cor. of secs. 2 and 3.  S. 89° 52' W., on the E. and W. center line of sec. 3.	
40.01	The center 1/4 sec. cor. of sec. 3, identical with AP C-283 on the Hopi-Navajo Partition line.	
80.02	The 1/4 sec. cor. of secs. 3 and 4.	

T. 30 N., R. 17 E., Gila and Salt River Mer., Arizona

CHAINS	GENERAL DESCRIPTION
	<p>The land encompassed in this survey is centered around the Navajo Gospel Mission. Elevation ranges from 5900 feet to 6100 feet above sea level. The soil ranges from stoney to sandy loam. The vegetation consists of native grasses and weeds. The area is mainly used for grazing purposes. Drainage is to the north.</p> <p>Access to the area is by a secondary road leading north from Oraibi, Arizona, with trail roads branching from it.</p> <p>An average of the readings throughout the area resurveyed gives a mean magnetic declination of 13 1/2° E., with no noticeable difference due to local attraction.</p>



CERTIFICATE OF SURVEY

Hjellum

~~We~~ (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, ~~XXXXXX~~ and Supplemental Special Instructions dated February 24, 1978, (We) have dependently resurveyed a portion of the subdivisional lines, and surveyed the subdivision of section 3, Township 30 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 ~~XXX~~ (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.

June 10, 1981  
(Date)

*Jack A. Eaves*  
~~XXXXXXXXXXXXXXXXXX~~  
Acting Chief, Branch of Cadastral Survey

June 10, 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 a portion of the subdivisional lines, and a survey of the subdivision of section 3, Township 30 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. Searight*  
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)