

Form 9180-6  
(April 1965)  
(formerly 4-679)

ORIGINAL  
BOOK 4785  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

# FIELD NOTES

of the

Dependent Resurvey of Portions of the Subdivision Lines

and Homestead Entry Surveys 499 and 500

And a Survey of

Partial Subdivision of Certain Sections

in Township 5 North, Range 31 East

Of the Gila and Salt River Meridian,

In the State of Arizona

## EXECUTED BY

Leonard W. Murphy

Cadastral Surveyor

Under special instructions dated June 22, 19 65, which provided for the surveys  
included under Group Number 426, approved June 23, 1965,  
and assignment instructions dated June 23, 19 65.

Survey commenced August 10, 19 65

Survey completed September 20, 19 65

(1A)

BOOK 4785

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Township 5 North, Range 31 East  
Gila and Salt River Meridian, Arizona

## CHAINS

The following field notes are those of a dependent resurvey of portions of the subdivision lines and Homestead Entry Surveys 499 and 500 and a survey of partial subdivision of certain sections in Township 5 North, Range 31 East, Gila and Salt River Meridian, Arizona.

All boundaries of the sections included in this survey were originally surveyed by W.R. Fitzgerald in 1883. The west boundary of section 7 was resurveyed by W.B. Kimmel in 1916. It was also resurveyed by Leonard W. Murphy and is described in the field notes of Township 5 North, Range 30 East executed concurrently with this group. The boundaries of section 17 were resurveyed by R.P.A. Johnson, Surveyor, U.S. Forest Service, during his surveys of Homestead Entry Surveys 499 and 500 in 1916. The east boundary of section 7 was resurveyed by L.C. Daves and L.R. Mercer, Surveyors, U.S. Forest Service, during their survey of Homestead Entry Survey 507 in 1917.

The surveys were executed in accordance with the specifications set forth in the Manual of Surveying Instructions 1947, and the special instructions dated June 22, 1965. Only the true line bearings and horizontal distances for the surveyed lines are given in these notes. Unless described, each corner was monumented with a standard iron post, 30 ins. long, 2½ ins. diam., flanged at the base, with a brass cap riveted to the top. A few corners of minimum control were monumented with a 'T' iron, 24 ins. long, with an aluminum identification cap riveted to the top. This corner marker is commonly known as a Bathey.

The geographic position of the corner of sections 15, 16, 21, and 22, as scaled from the U.S. Geological Survey quadrangle "Alpine" is:

Latitude: 33° 49' 12" N.  
Longitude 109° 04' 22" W.

The magnetic declination for the township, derived from the same quadrangle, is 13° 30' E.

Dependent Resurvey of a Portion of the Subdivision Lines,  
Township 5 North, Range 31 East  
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Re-establishment of the Surveys Executed by  
W.R. Fitzgerald in 1883, R.P.A. Johnson in 1916 and  
L.C. Daves and L.R. Mercer in 1917

Beginning at the cor. of secs. 15, 16, 21 and 22, monumented with an iron post, 30 ins. long, 2 ins. diam., properly marked, set by a local surveyor, Lacey Greer, Holbrook, Arizona. It is accepted by adjacent land owners as the true position for the corner and conforms to old fence lines in existence.

At the corner point

Dependent Resurvey of a Portion of the Subdivision Lines,  
Township 5 North, Range 31 East  
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CHAINS		
	<p>Set the iron post 24 ins. in the ground, cap mkd.</p> <p style="text-align: center;">T5N R31E S16   S15 S21   S22 1965</p> <p>Corner falls in meadow 60 lks. E. of unimproved dirt road. N. 0° 02' W., between secs. 15 and 16.</p> <p>Over nearly level land, through patches of timber.</p>	
1.60	<p>Unimproved road, bears generally N. and S.</p>	
19.20	<p>Point for the S 1/16 cor. of secs. 15 and 16, at proportionate distance.</p> <p>Set the iron post 24 ins. in the ground, cap mkd.</p> <p style="text-align: center;">T5N R31E S 1/16 S16   S15 1965</p> <p>Corner falls in meadow.</p>	
28.80	<p>Point for the N-S 1/64 cor. of secs. 15 and 16, at proportionate distance.</p> <p>Set the iron post 24 ins. in the ground, cap mkd.</p> <p style="text-align: center;">T5N R31E N-S 1/64 S16   S15 1965</p> <p>Corner falls in meadow.</p>	
37.50	<p>Enter timber, bears E. and W.</p>	
38.40	<p>The <math>\frac{1}{4}</math> cor. of secs. 15 and 16, monumented by a sandstone, 16x16x10 ins., unmarked, firmly set in large mound of stone.</p> <p>At the corner point</p> <p>Set the iron post 4 ins. in the ground, to bedrock and in a mound of stone, 4 ft. base to top, cap mkd.</p> <p style="text-align: center;">T5N R31E <math>\frac{1}{4}</math> S16   S15 1965</p> <p>from which</p> <p style="padding-left: 40px;">A pine, 10 ins. diam., bears S. 30<math>\frac{1}{2}</math>° E., 30 lks. dist., mkd. <math>\frac{1}{4}</math> S15 BT.</p> <p style="padding-left: 40px;">A pine, 16 ins. diam., bears N. 48° W., 31 lks. dist., mkd. <math>\frac{1}{4}</math> S16 BT.</p> <p>Bury the sandstone alongside the iron post</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0° 02' W., beginning new measurement.</p>	

Dependent Resurvey of a Portion of the Subdivision Lines,  
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CHAINS	
3.30	San Francisco River, 5 lks. wide, 6 ins. deep, flows SE.; ascend S. slope through timber.
8.00	Over level land.
27.00	Leave timber.
39.26	<p>The cor. of secs. 9, 10, 15 and 16, monumented with a sandstone, 20x12x4 ins., marked with 3 grooves on E. and 4 grooves on S. faces, firmly set in mound of stone.</p> <p>At the corner point</p> <p>Set the iron post, 24 ins. in the ground, cap mkd.</p> <div style="text-align: center;"> <p>T5N R31E S9 S10 S16 S15 1965</p> </div> <p>from which</p> <p style="padding-left: 40px;">A pine, 20 ins. diam., bears N. 46° E., 161 lks. dist., mkd. S10 BT.</p> <p style="padding-left: 40px;">A pine, 14 ins. diam., bears S. 78° E., 169 lks. dist., mkd. S15 BT.</p> <p>Bury the sandstone alongside the iron post</p>
.60	<p>From the cor. of secs. 15, 16, 21 and 22, N. 89° 52' W., between secs. 16 and 21.</p> <p>Over rolling land, through timber and undergrowth.</p> <p>Unimproved road, bears N. and S.</p>
5.00	Enter timber.
10.02	<p>Point for the E-E 1/64 cor. of secs. 16 and 21, at proportionate distance.</p> <p>Set the iron post 24 ins. in the ground, cap mkd.</p> <div style="text-align: center;"> <p>T5N R31E E-E 1/64    S16               S21 1965</p> </div>
10.70	Center of U. S. Highway 180, bears N. 45° W. and S. 45° E.
13.00	Ascend along NE. slope.
20.03	<p>Point for the E 1/16 cor. of secs 16 and 21, at proportionate distance.</p> <p>Set the iron post 24 ins. in the ground, cap mkd.</p> <div style="text-align: center;"> <p>T5N R31E E 1/16    S16            S21 1965</p> </div>

Dependent Resurvey of a Portion of the Subdivision Lines,  
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CHAINS	
	Corner falls on NE. slope.
25.00	Top of hill, over level land.
30.05	Point for the W-E 1/64 cor. of secs. 16 and 21, at proportionate distance.  Set the iron post 24 ins. in the ground, cap mkd.
	<p style="text-align: center;">T5N R31E W-E 1/64 <math>\frac{S16}{S21}</math> 1965</p>
40.06	Point for the $\frac{1}{4}$ cor. of secs. 16 and 21, at proportionate distance; there is no evidence of the original corner monument.  Set the iron post 18 ins. in the ground to bedrock and in a mound of stone, $3\frac{1}{2}$ ft. base to top, cap mkd.
	<p style="text-align: center;">T5N R31E <math>\frac{1}{4}</math> <math>\frac{S16}{S21}</math> 1965</p>
	from which
	A pine, 15 ins. diam., bears S. 25° W., 81 lks. dist., mkd. $\frac{1}{4}$ S21 BT.
	A pine, 20 ins. diam., bears N. 39° W., 95 lks. dist., mkd. $\frac{1}{4}$ S16 BT.
60.09	Point for the W 1/16 cor. of secs. 16 and 21, at proportionate distance.  Set the iron post 24 ins. in the ground, cap mkd.
	<p style="text-align: center;">T5N R31E W 1/16 <math>\frac{S16}{S21}</math> 1965</p>
74.00	Descend gentle W. slope to corner.
80.12	The cor. of secs. 16, 17, 20 and 21, monumented by a sandstone, 30x10x10 ins., mkd. with 3 grooves on S. and 4 grooves on E. faces, firmly set in a mound of stone.
	from which
	A pine, 16 ins. diam., bears N. 60° E., 17 lks. dist., mkd. T5N R31E S16 BT (Record: N. 56° 10' E., 16 lks.)
	A pine, 10 ins. diam., bears S. 67° E., 54 lks. dist., mkd. T5N R31E S21 BT (Record: S. 67° 17' E.)
	A pine, 24 ins. diam., bears S. 76° W., 114 lks. dist., mkd. T5N R31E S20 BT (Record: S. 67° 32' W., 115 lks.)
	A pine, 20 ins. diam., bears N. 30° W., 107 lks. dist., mkd. T5N R31E S17 BT (Record: 109 lks.)

Dependent Resurvey of a Portion of the Subdivision Lines,  
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CHAINS	
	<p>At the corner point</p> <p>Set the iron post 24 ins. in the ground, cap mkd.</p> <p style="text-align: center;">T5N R31E S17 S16 S20 S21 1965</p> <p>set the sandstone alongside the iron post.</p>
	<p>N. 0° 50' W., between secs. 16 and 17.</p>
10.50	Ridge, slopes SW.; descend along W. slope.
19.39	<p>Point for the S 1/16 cor. of secs. 16 and 17, at proportionate distance.</p> <p>Set the iron post 24 ins. in the ground, cap mkd.</p> <p style="text-align: center;">T5N R31E S 1/16 S17 S16 1965</p>
20.34	Wire fence, bears E. and W.
24.14	Wire fence, bears E. and W.; leave timber.
24.24	<p>Point for the S-N-S 1/256 cor. of secs. 16 and 17, at proportionate distance.</p> <p>Set a 'T' iron 18 ins. in the ground, cap mkd.</p> <p style="text-align: center;">S-N-S 1/256 S17 S16 1965</p>
36.95	U. S. Highway 180, bears NW. and SE.
38.78	<p>Point for the <math>\frac{1}{4}</math> cor. of secs. 16 and 17, at proportionate distance; there is no evidence of the original corner monument.</p> <p>Set the iron post 24 ins. in the ground, cap mkd.</p> <p style="text-align: center;">T5N R31E <math>\frac{1}{4}</math> S17 S16 1965</p>
39.20	Access road to Luna Lake, bears E. and W.
40.80	South shore of Luna Lake.
56.00	North shore of Luna Lake, ascend gentle S. slope to cor.
77.56	<p>The cor. of secs. 8, 9, 16 and 17, monumented by a granite rock, 32x12x10 ins., mkd. with 4 notches on S. and E. edges, firmly set in small mound of stone.</p> <p>from which</p> <p style="padding-left: 40px;">A pine, 16 ins. diam., bears S. 50° W., 449 lks. dist., mkd. T5N R31E S17 BT</p> <p style="padding-left: 40px;">A pine, 20 ins. diam., bears N. 60° 35' W., 295 lks. dist., mkd. T5N R31E S8 BT</p>

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CHAINS	
	<p>At the corner point</p> <p>Set the iron post 24 ins. in the ground, cap mkd.</p> $\begin{array}{r} T5N R31E \\ S8   S9 \\ \hline S17   S16 \\ 1965 \end{array}$ <p>Set the granite rock alongside the iron post</p>
<p>8.00</p> <p>38.00</p> <p>39.90</p> <p>40.61</p> <p>52.50</p> <p>77.00</p> <p>81.22</p>	<p>From the cor. of secs. 9, 10, 15 and 16, N. 89° 57' W., between secs. 9 and 16. Over nearly level land.</p> <p>Little Creek, 5 lks. wide, 4 ins. deep, drains S.</p> <p>Enter timber.</p> <p>Small wash, drains SE.</p> <p>Point for the <math>\frac{1}{4}</math> cor. of secs. 9 and 16, at proportionate distance; there is no evidence of the original corner monument.</p> <p>Set the iron post 24 ins. in the ground, cap mkd.</p> $\begin{array}{r} T5N R31E \\ \frac{1}{4} \frac{S9}{S16} \\ 1965 \end{array}$ <p>from which</p> <p>A pine, 30 ins. diam., bears N. 11° 30' E., 105 lks. dist., mkd. T5N R31E <math>\frac{1}{4}</math> S9 BT.</p> <p>A pine, 20 ins. diam., bears S. 62° 45' W., 193 lks. dist., mkd. T5N R31E <math>\frac{1}{4}</math> S16 BT.</p> <p>Wash, 10 lks. wide, 2 ft. deep, drains S. into Luna Lake.</p> <p>Small wash, drains S.</p> <p>The cor. of secs. 8, 9, 16 and 17.</p>
<p>1.69</p>	<p>From the cor. of secs. 16, 17, 20 and 21, N. 89° 44' W., between secs. 17 and 20. Over rolling land, through dense timber. Descend gentle W. slope.</p> <p>Cor. 1 of HES 500 Tract A, monumented with a sandstone 30x24x6 ins., mkd. 1 HES 500 on NW. face and CC on N. face, firmly set.</p> <p>At the corner point</p> <p>Set the iron post 24 ins. in the ground, cap mkd.</p>



Dependent Resurvey of a Portion of the Subdivision Lines,  
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CHAINS

$$\begin{array}{r|l} & \text{T5N R31E} \\ \text{HES 500} & \text{S17} \\ & \text{1 L16} \\ \hline & 1965 \end{array}$$

bury the sandstone alongside the iron post.

5.10 Small wash, drains into pond approximately 1 ch. N.

6.69 Cor. 2 of HES 500 Tract A, monumented with a sandstone, 28x14x8 ins., mkd. 2 HES 500 on NE. face and CC on NW. face, firmly set.

At the corner point

Set the iron post 24 ins. in the ground, cap mkd.

$$\begin{array}{r|l} \text{T5N R31E} & \text{HES 500} \\ \text{S 17} & \\ \text{L 15} & \text{2} \\ \hline & 1965 \end{array}$$

bury the sandstone alongside the iron post

Ascend gentle E. slope through timber.

27.18 Wire fence, bears N. and S.

Descend gentle W. slope.

37.90 Improved dirt road, bears N. and S. toward Blue, Ariz.

38.08 Point for cor. 1 of HES 499, at proportionate distance. There is no evidence of the original corner monument.

Set the iron post, 24 ins. in the ground, cap mkd.

$$\begin{array}{r|l} & \text{T5N R31E} \\ \text{HES 499} & \text{S 17} \\ & \text{1 L 14} \\ & \text{L 1} \\ & \text{S 20} \\ \hline & 1965 \end{array}$$

Corner falls in intersection of fences extending S. and W.

39.90 Point for the  $\frac{1}{4}$  cor. of secs. 17 and 20, at proportionate distance; there is no evidence of the original corner monument.

Set the iron post 24 ins. in the ground, cap mkd.

$$\begin{array}{r|l} & \text{T5N R31E} \\ \frac{1}{4} & \text{S 17} \\ & \text{S 20} \\ \hline & 1965 \end{array}$$

from which

A pine, 28 ins. diam., bears N. 13° E., 216 lks. dist., mkd.  $\frac{1}{4}$  S17 BT.

A pine, 24 ins. diam., bears N. 78° W., 280 lks. dist., mkd.  $\frac{1}{4}$  S17 BT.

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CHAINS	
42.33	<p>Point for cor. 11 of HES 499, at proportionate distance. There is no evidence of the original corner monument.</p>
	<p>Set the iron post 8 ins. in the ground, to bedrock and in a small mound of stone to top, cap mkd.</p>
	<div style="text-align: center;"> <p>T5N R31E  S17   HES 499  L12    ---  11  L3    S20    1965</p> </div>
43.00	<p>Enter timber and ascend gentle E. slope.</p>
47.00	<p>Over level land.</p>
55.00	<p>Descend gentle W. slope.</p>
59.85	<p>Point for the W 1/16 cor. of secs. 17 and 20, at proportionate distance.</p>
	<p>Set the iron post 12 ins. in the ground, to bedrock and in a mound of stone, 3 ft. base to top, cap mkd.</p>
	<div style="text-align: center;"> <p>T5N R31E  W 1/16   S 17  ---  S 20  1965</p> </div>
	<p>Corner falls on W. slope of hill.</p>
62.00	<p>Enter meadow, over level land.</p>
66.00	<p>Stream, 5 lks. wide, 2 ins. deep, drains N.</p>
72.00	<p>Leave meadow.</p>
79.80	<p>The cor. of secs. 17, 18, 19 and 20, monumented with a sandstone, 30x16x10 ins., mkd. with 5 grooves on E. and 3 grooves on S. edges, loosely set in mound of stone.</p>
	<p>from which</p>
	<p style="padding-left: 40px;">A pine, 26 ins. diam., bears N. 55° 30' W., 162 lks. dist., mkd. T5N R31E S18 BT (Record: N. 52° W., 120 lks.)</p>
	<p>At the corner point</p>
	<p>Set the iron post 24 ins. in the ground, cap mkd.</p>
	<div style="text-align: center;"> <p>T5N R31E  S18   S17  S19   S20  1965</p> </div>
	<p>from which</p>
	<p style="padding-left: 40px;">A pine, 24 ins. diam., bears N. 77° E., 60 lks. dist., mkd. T5N R31E S17 BT</p>
	<p style="padding-left: 40px;">A pine, 38 ins. diam., bears S. 30° W., 159 lks. dist., mkd. T5N R31E S19 BT</p>
	<p style="padding-left: 40px;">A pine, 36 ins. diam., bears S. 60° 15' W., 93 lks. dist., mkd. T5N R31E S19 BT</p>

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CHAINS	
	Set the sandstone alongside the iron post.
	<p>N. 3° 06' W., between secs. 17 and 18.</p> <p>Over gently rolling land, through dense timber.</p>
18.53	Point for the S 1/16 cor. of secs. 17 and 18, at proportionate distance.
	<p>Set the iron post 10 ins. in the ground, to bedrock and in a mound of stone, 3 ft. base to top, cap mkd.</p> <p style="text-align: center;">T5N R31E S 1/16 S18   S17 1965</p>
19.00	Descend steep N. slope.
23.00	Over level land, continue in dense timber.
28.00	Leave timber.
37.06	<p>The <math>\frac{1}{4}</math> cor. of secs. 17 and 18, monumented with a sandstone, 32x8x7 ins. loosely set in small mound of stone. This point accepted locally by adjacent land owners as the best evidence of the true corner position.</p> <p>from which</p> <p style="padding-left: 40px;">A pine, 10 ins. diam., bears N. 25° E., 112 lks. dist., mkd. <math>\frac{1}{4}</math> S17 BT (Record: 113 lks.)</p> <p style="padding-left: 40px;">A pine stump, 48 ins. diam., bears S. 89° W., 137 lks. dist., markings gone.</p>
	<p>At the corner point</p> <p>Set the iron post 18 ins. in the ground to bedrock and in a small mound of stone to top, cap mkd.</p> <p style="text-align: center;">T5N R31E <math>\frac{1}{4}</math> S18   S17 1965</p> <p>from which</p> <p style="padding-left: 40px;">A pine, 24 ins. diam., bears N. 69° 30' W., 254 lks. dist., mkd. <math>\frac{1}{4}</math> S18 BT.</p> <p>Set the sandstone alongside the iron post.</p> <hr style="width: 30%; margin: 10px auto;"/>
	<p>N. 7° 33' E., beginning new measurement.</p> <p>Over level open land.</p>
2.10	Center of U. S. Highway 180, bears E. and W.
2.43	<p>Cor. 10 of HES 500, Tract B, monumented with a granite stone, 36x10x10 ins., mkd. 10 HES 500 on NE. face and CC on E. face, firmly set at corner of fences.</p> <p>Along W. side of old fence.</p>

Dependent Resurvey of a Portion of the Subdivision Lines,  
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CHAINS		
21.78	<p>Cor. 11 of HES 500, Tract B, identical with the N 1/16 cor. of secs. 17 and 18, monumented with an iron post 2 ins. diam., loosely set and poorly mkd.</p> <p>At the corner point</p> <p>Set the iron post 24 ins. in the ground, cap mkd.</p> <p style="text-align: center;">T5N R31E N 1/16 S18 S17 1965</p>	
26.90	<p>San Francisco River, 5 lks. wide, 4 ins. deep, flows E.</p>	
37.25	<p>Unimproved dirt road, bears E. and W.; ascend S. slope to sec. cor.</p>	
43.56	<p>The cor. of secs. 7, 8, 17 and 18, monumented with a sandstone, 25x8x5 ins., mkd. with 5 grooves on E. and 2 grooves on N. faces, firmly set in a large mound of stone.</p> <p>from which</p> <p style="padding-left: 40px;">A pine, 16 ins. diam., bears S. 5° 09' E., 225 lks. dist., mkd. T5N R31E S17 BT.</p> <p style="padding-left: 40px;">A pine, 14 ins. diam., bears N. 2° 45' W., 140 lks. dist., mkd. T5N R31E S7 BT.</p> <p>At the corner point</p> <p>Set the iron post 8 ins. in the ground to bedrock and in a mound of stone, 3 ft. base to top, cap mkd.</p> <p style="text-align: center;">T5N R31E S7 S8 S18 S17 1965</p> <p>from which</p> <p style="padding-left: 40px;">A pine, 8 ins. diam., bears N. 79° E., 48 lks. dist., mkd. S8 BT.</p> <p style="padding-left: 40px;">A pine, 14 ins. diam., bears N. 82° W., 23 lks. dist., mkd. S7 BT.</p> <p>Set the sandstone alongside the iron post.</p>	
	<p>From the cor. of secs. 8, 9, 16 and 17, WEST, between secs. 8 and 17.</p> <p>Over level land, through patches of timber.</p>	
9.35	<p>Small stream, drains S. into Luna Lake.</p>	
27.35	<p>Wire fence, bears N. and S.</p>	
34.65	<p>Wash, 15 lks. wide, 3 ft. deep, drains S.</p>	
40.34	<p>The 1/4 cor. of secs. 8 and 17, monumented with a sandstone, 36x12x6 ins., mkd. 1/4 on N. face, firmly set in</p>	

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CHAINS	
	<p>mound of stone.</p> <p>from which</p> <p>A pine, 24 ins. diam., bears S. 80° E., 20 lks. dist., mkd. T5N R31E <math>\frac{1}{4}</math> S17 BT (Record: S. 78° 26' E.)</p> <p>At the corner point</p> <p>Set the iron post 20 ins. in the ground, to bedrock and in a small mound of stone to top, cap mkd.</p> <div style="text-align: center;"> <p>T5N R31E</p> <p><math>\frac{1}{4}</math> <u>S8</u></p> <p>S17</p> <p>1965</p> </div> <p>from which</p> <p>A pine, 14 ins. diam., bears N. 70° E., 65 lks. dist., mkd. <math>\frac{1}{4}</math> S8 BT.</p> <p>Set the sandstone alongside the iron post.</p> <hr/> <p>N. 85° 02' W., beginning new measurement.</p>
3.30	Wash, 15 lks. wide, 6 ft. deep, drains S.
13.02	<p>Point for the W-E-W 1/256 cor. of secs. 8 and 17, at proportionate distance.</p> <p>Set the 'T' iron 18 ins. in the ground, cap mkd.</p> <div style="text-align: center;"> <p>W-E-W S8</p> <p>1/256 <u>S17</u></p> <p>1965</p> </div>
17.36	True point for the W 1/16 cor. of secs. 8 and 17 at proportionate distance, not monumented.
22.12	Wash, 10 lks. wide, 3 ft. deep, drains S.; along S. edge of wire fence bearing generally W.
34.72	The cor. of secs. 7, 8, 17 and 18.
	<p>N. 89° 45' W., between secs. 7 and 18.</p> <p>Over nearly level land, through sparse timber and undergrowth.</p> <p>10.40 Wire fence, bears N. and S.</p> <p>14.55 Small wash, drains S. into San Francisco River.</p> <p>19.70 Wire fence, bears generally N. and S.</p> <p>20.00 Point for the E 1/16 cor. of secs. 7 and 18, at proportionate distance.</p> <p>Set the iron post 4 ins. in the ground to bedrock and in a mound of stone, 4 ft. base to top, cap mkd.</p>

Dependent Resurvey of a Portion of the Subdivision Lines,  
Township 5 North, Range 31 East  
Gila and Salt River Meridian, Arizona

CHAINS	
	T5N R31E E 1/16 $\frac{S7}{S18}$ 1965
	Descend along S. slope of hill.
40.00	The $\frac{1}{4}$ cor. of secs. 7 and 18, monumented by the original sandstone, 12x10x6 ins. firmly set, faintly mkd. $\frac{1}{4}$ on N. face.
	At the corner point
	Set the iron post, 24 ins. in the ground, cap mkd.
	T5N R31E $\frac{1}{4}$ $\frac{S7}{S18}$ 1965
	bury the sandstone alongside the iron post.
	Corner falls on level land at edge of cultivated field.
	_____
	N. 89° 45' W., beginning new measurement.
15.09	Point for the W-E-W 1/256 cor. of secs. 7 and 18, at proportionate distance.
	Set the 'T' iron 18 ins. in the ground, cap mkd.
	W-E-W $\frac{S7}{S18}$ 1/256 1965
15.55	Stone Creek Road, improved dirt, bears N. and SW.
19.80	U. S. Highway 180, bears NW. and SE.
20.12	Point for the W 1/16 cor. of secs. 7 and 18, at proportionate distance.
	Set the iron post 24 ins. in the ground, cap mkd.
	T5N R31E W 1/16 $\frac{S7}{S18}$ 1965
20.20	Wire fence, parallels highway, over meadow.
30.18	True point for the W-W 1/64 cor. of secs. 7 and 18, at proportionate distance, not monumented.
34.30	San Francisco River, 10 lks. wide, 6 ins. deep, flows SE.
39.60	Wire fence, bears N. and S.
39.80	Unimproved farm road, bears N. and S.
40.06	True point for the cor. of secs. 7, 12, 13 and 18, on the W. boundary of the township, described in the field notes of the dependent resurvey of T. 5 N., R. 30 E., executed concurrently, under this group.

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CHAINS

Note: A retracement of the section line between secs. 7 and 8 was made in 1917 and 1920 by L.C. Daves and L.R. Mercer, Surveyors, Forest Service, in connection with the boundary survey of Homestead Entry Survey 507. A considerable difference in bearing and distance has been found from previous records, which has made it necessary to change markings on two iron posts set during the 1917 retracement.

From the cor. of secs. 7, 8, 17 and 18.

N. 0° 01' E., between secs. 7 and 8.

Ascend steep S. slope through timber.

.15 Wire fence, bears generally E. and W.

3.75 Logging access road, bears E. and W.

16.00 Top of hill, over nearly level land.

19.98 Point for the S 1/16 cor. of secs. 7 and 8, at proportionate distance.

Set the iron post 24 ins. in the ground, cap mkd.

T5N R31E  
S 1/16  
S7|S8  
1965

from which

A pine, 14 ins. diam., bears N. 8° 30' E., 85 lks. dist., mkd. S. 1/16 S8 BT.

A pine, 12 ins. diam., bears N. 7° W., 70 lks. dist., mkd. S. 1/16 S7 BT.

39.96 The 1/4 cor. of secs. 7 and 8, monumented with a sandstone, 14x10x4 ins., mkd. 1/4 on W. face, firmly set in small mound of stone.

At the corner point

Set an iron post, 20 ins. in the ground to bedrock, cap mkd.

T5N R31E  
1/4  
S7|S8  
1965

from which

A pine, 14 ins. diam., bears S. 58° E., 61 lks. dist., mkd. 1/4 S8 BT.

A pine, 32 ins. diam., bears S. 47° W., 75 lks. dist., mkd. T5N R31E 1/4 S7 BT.


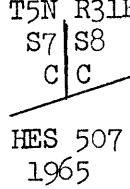
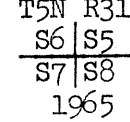
Bury the sandstone alongside the iron post.

N. 0° 01' E., beginning new measurement.

7.27 Intersect line 1-12 of HES 507.

Point for the closing cor. of secs. 7 and 8.

Dependent Resurvey of a Portion of the Subdivision Lines,  
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CHAINS	
	<p>Set the iron post 24 ins. in the ground, cap mkd.</p> <p style="text-align: center;">                     HES 507                      C C                        S7 S8                      T5N R31E                      1965                 </p> <p>Cor. 1, originally mkd. to serve as the closing cor., bears N. 49° 14' W., 14 lks. dist., and remarked as follows:</p> <p style="text-align: center;">                     HES 507                      1                      1965                 </p>
7.29	Wire fence, bears irregularly NW. and SE.
24.03	<p>Intersect line 4-5 of HES 507</p> <p>Point for the closing cor. of secs. 7 and 8</p> <p>Set the iron post 24 ins. in the ground, cap mkd.</p> <p style="text-align: center;">                     T5N R31E                      S7 S8                      C C                        HES 507                      1965                 </p> <p>Cor. 4, originally mkd. to serve as the closing cor., bears S. 38° 37' W., 8 lks. dist., and remarked as follows:</p> <p style="text-align: center;">                     4                      HES 507                      1965                 </p>
24.05	Wire fence, bears irregularly NE. and SW.
25.00	Enter into timber; ascend gentle S. slope.
27.60	Stone Creek Road, bears N. 15° E. and S. 15° W.
39.98	<p>The cor. of secs. 5, 6, 7 and 8, monumented with a lava stone, 16x14x11 ins., mkd. with 5 grooves on S. and 5 grooves on E. faces, firmly set in a small mound of stone.</p> <p>At the corner point</p> <p>Set the iron post 20 ins. in the ground, cap mkd.</p> <p style="text-align: center;">                     T5N R31E                      S6 S5                        S7 S8                      1965                 </p> <p>from which</p> <p>A pine, 10 ins. diam., bears S. 89° 15' W., 140 lks. dist., mkd. S7 BT.</p>



Dependent Resurvey of a Portion of the Subdivision Lines,  
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CHAINS	<p>A pine 12 ins. diam., bears N. 8° W., 112 lks. dist., mkd. T5N R31E S6 BT.</p> <p>Bury the lava stone alongside the iron post.</p>
	<p>N. 89° 32' W., between secs. 6 and 7.</p> <p>Over rolling land, through dense timber.</p>
22.00	Ascend gentle E. slope.
31.50	Ridge, bears N. and S.
34.00	Descend along SW. slope.
40.05	<p>Point for the <math>\frac{1}{4}</math> cor. of secs. 6 and 7, at proportionate distance; there is no evidence of the original corner monument.</p> <p>Set the iron post 8 ins. in the ground to bedrock and in a mound of stone, 3 ft. base to top, cap mkd.</p>
	<p style="text-align: center;">T5N R31E <math>\frac{1}{4}</math> <math>\frac{S6}{S7}</math> 1965</p> <p>from which</p> <p>A pine, 8 ins. diam., bears S. 89° W., 37 lks. dist., mkd. <math>\frac{1}{4}</math> S7 BT.</p> <p>A pine, 12 ins. diam., bears N. 39° W., 32 lks. dist., mkd. T5N R31E <math>\frac{1}{4}</math> S6 BT.</p>
42.50	Wire fence, bears N. and S.
47.50	Gully, drains S.; ascend along S. slope.
68.00	Wire fence, bears N. and S.
70.00	Center of small pond, drains S.
79.80	<p>The cor. of secs. 1, 6, 7 and 12, on the W. boundary of the township, described in the field notes of the dependent resurvey of T. 5 N., R. 30 E. executed concurrently under this group.</p>
<p>A Survey of Partial Subdivision of Certain Sections in Township 5 North, Range 31 East, Gila and Salt River Meridian, Arizona</p>	
	<p><u>In Section 7</u></p>
	<p>From the <math>\frac{1}{4}</math> cor. of secs. 7 and 18, N. 0° 01' W., along the meridional center line of sec. 7.</p> <p>Over nearly level, open land.</p>
18.00	Enter timber.
20.02	Point for the C-S 1/16 cor. of sec. 7.
	<p>Set the iron post 24 ins. in the ground, cap mkd.</p>

A Survey of Partial Subdivision of Certain Sections  
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CHAINS	
	S 1/16 C S 1/7 C 1965
20.57	Wire fence bears E. and W.
31.00	Top of low hill, bears NE. and SW. descend gentle N. slope.
40.04	Point for the C $\frac{1}{4}$ cor. of sec. 7 at the intersection with the latitudinal center line falls in center of unimproved road bearing NE. to Stone Creek and SW. to Alpine.  Drive a steel spike flush with the surface of the road.  from which  A pine, 10 ins. diam., bears S. $67\frac{1}{2}^\circ$ E., 52 lks. dist., mkd. C $\frac{1}{4}$ S7 BT.  A pine, 26 ins. diam., bears N. $84^\circ$ W., 78 lks. dist., mkd. C $\frac{1}{4}$ S7 BT.
44.00	Leave timber, over open meadow.
54.40	Wire fence, bears NW. and SE., enter timber.
69.45	Navopache power line, bears N. $75^\circ$ W. and S. $75^\circ$ E.
80.12	The $\frac{1}{4}$ cor. of secs. 6 and 7.
	From the $\frac{1}{4}$ cor. of secs. 7 and 8,  N. $89^\circ 39'$ W., along the latitudinal center line of section 7.  Over rolling land, through dense timber and undergrowth.
20.01	Point for the C-E 1/16 cor. of sec. 7.  Set the iron post 8 ins. in the ground, to bedrock and in a mound of stone, 3 ft. base to top, cap mkd.  <div style="text-align: center;"> <math display="block">\begin{array}{c} \text{E } 1/16 \\ \text{C} \text{-----} \text{C} \\ \text{S7} \\ 1965 \end{array}</math> </div>
22.00	Descend gentle W. slope.
40.02	The C $\frac{1}{4}$ corner of section 7.
41.00	Wire fence, bears N. $15^\circ$ E. and S. $15^\circ$ W.
44.70	Wash, 15 lks. wide, 4 ft. deep, drains S. into small pond, approximately 3 chs. dist.
60.10	Point for the C-W 1/16 cor.  Set the iron post 22 ins. in the ground, cap mkd.  <div style="text-align: center;"> <math display="block">\begin{array}{c} \text{W } 1/16 \\ \text{C} \text{-----} \text{C} \\ \text{S7} \\ 1965 \end{array}</math> </div>

A Survey of Partial Subdivision of Certain Sections  
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CHAINS	
	<p>from which</p> <p>A pine, 8 ins. diam., bears S. 40° W., 14 lks. dist., mkd. CW 1/16 S7 BT.</p> <p>A pine, 10 ins. diam., bears N. 42° W., 67 lks. dist., mkd. CW 1/16 S7 BT.</p>
68.90	Wire fence, bears S. 75° W. and N. 75° E.
79.94	The $\frac{1}{4}$ cor. of secs. 7 and 12 on the W. boundary of the township described in the field notes of the dependent resurvey of T. 5 N., R. 30 E. executed concurrently under this group.
<u>Subdivision of SE <math>\frac{1}{4}</math> of Section 7</u>	
	<p>From the E 1/16 cor. of secs. 7 and 18.</p> <p>N. 0° 01' W., along the E 1/16 line.</p> <p>Ascend steep S. slope of hill.</p>
6.00	Top of hill.
19.26	Wire fence, bears E. and W.
19.50	Enter into timber, ascend gentle S. slope.
20.01	Point for the SE 1/16 cor. of sec. 7.
	Set the iron post 24 ins. in the ground, cap mkd.
	SE 1/16 S7 1965
	Corner falls on gentle S. slope.
40.02	The C-E 1/16 cor. of sec. 7.
<hr/>	
	<p>From the S 1/16 cor. of secs. 7 and 8.</p> <p>N. 89° 42' W., along the S 1/16 line.</p>
10.00	Descend along SW. slope of hill.
20.00	The SE 1/16 corner of section 7.
	Ascend along S. slope.
30.00	Enter clearing, over cultivated field.
40.00	The C-S 1/16 corner of section 7.
<u>Subdivision of SW <math>\frac{1}{4}</math> of Section 7</u>	
	<p>From the W 1/16 cor. of secs. 7 and 18.</p> <p>N. 0° 03' E., along the W 1/16 line.</p>
.76	Center of U. S. Highway 180, bears NW. and SE.
5.45	Wire fence, bears E. and W.; enter into cemetery.
10.02	Point for the C-S-SW 1/64 cor. of sec. 7.

A Survey of Partial Subdivision of Certain Sections  
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CHAINS		
	Set the iron post 28 ins. in the ground, cap mkd.	
	<p style="text-align: center;">S7 C-S-SW 1/64 1965</p>	
16.60	Wire fence, bears E. and W.; leave cemetery.	
20.04	Point for the SW 1/16 cor. of sec. 7.	
	Set the iron post 24 ins. in the ground, cap mkd.	
	<p style="text-align: center;">SW 1/16 S7 1965</p>	
	from which	
	<p style="text-align: center;">A pine, 14 ins. diam., bears N. 4° E., 36 lks. dist., mkd. SW. 1/16 S7 BT.</p>	
	<p style="text-align: center;">A pine, 10 ins. diam., bears S. 75° W., 9 lks. dist., mkd. SW. 1/16 S7 BT.</p>	
40.08	The C-W 1/16 cor. of sec. 7.	
	<hr style="width: 20%; margin: auto;"/> <p style="text-align: center;">From the C-S 1/16 cor. of sec. 7.</p>	
	N. 89° 42' W., along the S. 1/16 line.	
14.16	Wire fence, bears N. and S.	
15.07	Point for the C-W-E-SW 1/256 cor. of sec. 7.	
	Set the 'T' iron 18 ins. in the ground, cap mkd.	
	<p style="text-align: center;">S7 C-W-E-SW 1/256 1965</p>	
16.70	Stone Creek road, bears N. and S.	
20.10	The SW 1/16 corner of section 7.	
26.80	Small wash, drains S. 15° W.	
30.15	Point for the C-W-SW 1/64 cor. of sec. 7	
	Set the iron post 12 ins. in the ground, to bedrock and in a small mound of stone to top, cap mkd.	
	<p style="text-align: center;">S7 C-W-SW 1/64 1965</p>	
40.00	The S 1/16 cor. of secs. 7 and 12, on the W. boundary of the township, described in the field notes of the dependent resurvey of T. 5 N., R. 30 E., executed concurrently under this group.	
	From the W-E-W 1/256 cor. of secs. 7 and 18.	
	N. 0° 03' E., on the W-E-W 1/256 line of sec. 7.	

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CHAINS	
20.03	The C-W-E-SW 1/256 cor. of sec. 7.
<p><u>Subdivision SW<sup>1</sup>/<sub>4</sub> of SW<sup>1</sup>/<sub>4</sub> of Section 7</u></p>	
<p>From the true point for the W-W 1/64 cor. of secs. 7 and 18.</p>	
<p>N. 0° 05' E., on the W-W 1/64 line of sec. 7</p>	
7.85	Wire fence, parallels highway.
8.55	Center of U. S. Highway 180, bears NW. and SE.
10.03	Point for the SW-SW 1/64 cor. of sec. 7.
<p>Set the iron post 24 ins. in the ground, cap mkd.</p>	
<p>S7 SW-SW 1/64 1965</p>	
13.00	Enter timber.
15.04	Point for the C-N-SW-SW 1/256 cor. of sec. 7.
<p>Set the 'T' iron 18 ins. in the ground, cap mkd.</p>	
<p>S7 C-N-SW-SW 1/256 1965</p>	
15.50	Small wash, drains SW.
20.05	The C-W-SW 1/64 cor. of sec. 7.
<p>_____</p>	
<p>From the C-S-SW 1/64 cor. of sec. 7.</p>	
<p>N. 89° 43' W., on the S-S 1/64 line of sec. 7</p>	
.98	Wire fence, bears N. and S.; leave cemetery.
10.05	The SW-SW 1/64 cor. of sec. 7.
13.65	Center of U. S. Highway 180, bears NW, and SE.
15.00	Wire fence, parallels highway, over open meadow.
19.91	The S-S 1/64 cor. of secs. 7 and 12, on the W. boundary of the township, described in the field notes of the dependent resurvey of T. 5 N., R 30 E., executed concurrently under this group.
<p>From the C-N-SW-SW 1/256 cor. of sec. 7.</p>	
<p>N. 89° 43' W., on the N-S-S 1/256 line of sec. 7.</p>	
9.86	The N-S-S 1/256 cor. of secs. 7 and 12, on the W. boundary of the township, described in the field notes of the dependent resurvey of T. 5 N., R. 30 E., executed concurrently under this group.

A Survey of Partial Subdivision of Certain Sections  
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CHAINS		
	<u>In Section 16</u>	
	From the $\frac{1}{4}$ cor. of secs. 16 and 21, N. $0^{\circ} 26'$ W., along the meridional center line of sec. 16. Ascend gentle S. slope of hill.	
13.00	Crest of hill; descend N. slope.	
19.30	Point for the C-S $1/16$ cor. of sec. 16. Set the iron post 18 ins. in the ground, cap mkd.	
	$\begin{array}{c} C \\ S\ 1/16\  S16 \\ C \\ 1965 \end{array}$	
24.12	Point for the C-S-N-S $1/256$ cor. of sec. 16. Set the 'T' iron 18 ins. in the ground, cap mkd.	
	$\begin{array}{c} S\ 16 \\ C-S-N-S \\ 1/256 \\ 1965 \end{array}$	
25.00	Leave timber.	
28.95	True point for the C-N-S $1/64$ cor. falls in pavement of highway, not monumented.	
29.05	Center of U. S. Highway 180, bears NW. and SE.	
38.05	Point selected for the witness C $\frac{1}{4}$ cor. of sec. 16. Set the iron post 12 ins. in the ground to bedrock and in a small mound of stone to top, cap mkd.	
	$\begin{array}{c} WC \\ C\frac{1}{4}\ S16 \\ 1965 \end{array}$	
38.59	True point for the C $\frac{1}{4}$ cor. at the intersection with the latitudinal center line falls on rock outcrop, impractical to monument with a regulation iron post.	
39.20	San Francisco River, 4 lks. wide, 6 ins. deep, course SE.	
49.00	South edge of Luna Lake, over water by triangulation.	
59.00	North shore of Luna Lake, ascend gentle S. slope.	
77.64	The $\frac{1}{4}$ cor. of secs. 9 and 16.	
	From the $\frac{1}{4}$ cor. of secs. 15 and 16, N. $89^{\circ} 36'$ W., along the latitudinal center line of sec. 16. Over nearly level land, through patches of timber.	
20.16	Point for the C-E $1/16$ cor. of sec. 16. Set the iron post 24 ins. in the ground, cap mkd.	

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CHAINS		
		$\frac{C \ E \ 1/16 \ C}{S16}$ 1965
	Corner falls on gentle N. slope.	
30.25	Point for the C-W-E 1/64 cor. of sec. 16.	
	Set the iron post 24 ins. in the ground, cap mkd.	
		S16 C-W-E 1/64 1965
38.00	Leave timber.	
40.33	True point for the C $\frac{1}{4}$ cor. of sec. 16.	
49.60	Unimproved dirt road, bears irregularly NW. and SE.	
50.42	Point for the C-E-W 1/64 cor. of sec. 16.	
	Set the iron post 24 ins. in the ground, cap mkd.	
		S16 C-E-W 1/64 1965
60.50	Point for the C-W 1/16 cor. of sec. 16.	
	Set the iron post 24 ins. in the ground, cap mkd.	
		$\frac{C \ W \ 1/16 \ C}{S16}$ 1965
70.18	Graded road, bears irregularly NW. and SE.	
70.59	Point for the C-W-W 1/64 cor. of sec. 16.	
	Set the iron post 24 ins. in the ground, cap mkd.	
		S16 C-W-W 1/64 1965
80.67	The $\frac{1}{4}$ cor. of secs. 16 and 17.	
	<u>Subdivision SE <math>\frac{1}{4}</math> of Section 16</u>	
	From the E 1/16 cor. of secs. 16 and 21.	
	N. 0° 14' W., along the E 1/16 line.	
	Descend steep N. slope through timber.	
4.81	Point for the C-S-S-SE 1/256 cor. of sec. 16.	
	Set the 'T' iron 18 ins. in the ground, cap mkd.	
		S16 C-S-S-SE 1/256 1965

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CHAINS		
5.50	Leave timber.	
14.44	Point for the C-N-S-SE 1/256 cor. of sec. 16.	
	Set the 'T' iron 20 ins. in the ground, cap mkd.	
	S16 C-N-S-SE 1/256 1965	
19.25	True point for the SE 1/16 cor. of sec. 16, not monumented.	
28.88	True point for the C-N-SE 1/64 cor., not monumented.	
38.50	The C-E 1/16 cor. of sec. 16.	
	<hr/> From the S 1/16 cor. of secs. 15 and 16.  N. 89° 44' W., along the S 1/16 line.  Over level open land.	
10.05	True point for the C-E-SE 1/64 cor., not monumented.	
18.00	Enter timber.	
20.10	True point for the SE 1/16 cor. of sec. 16.	
30.15	Point for the C-W-SE 1/64 cor. of sec. 16.	
	Set the iron post 24 ins. in the ground, cap mkd.	
	S16 C-W-SE 1/64 1965	
30.85	U. S. Highway 180, bears NW. and SE.	
40.20	The C-S 1/16 cor. of sec. 16.	
	<hr/> From the N-S 1/64 cor. of secs. 15 and 16, N. 89° 40' W., on the N-S 1/64 line of sec. 16.	
20.13	True point for the C-N-SE 1/64 cor. of sec. 16.	
	<hr/> From the E-E 1/64 cor. of secs. 16 and 21, N. 0° 08' W., on the E-E 1/64 line of sec. 16.	
4.80	Point for the C-S-SE-SE 1/256 cor. of sec. 16.	
	Set a 'T' iron 18 ins. in the ground, cap mkd.	
	S16 C-S-SE-SE 1/256 1965	
	<hr/> line N. 89° 50' W., on the S-S-S 1/256 of sec. 16.	



A Survey of Partial Subdivision of Certain Sections  
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CHAINS	
10.02	The C-S-S-SE 1/256 cor. of sec. 16.
	From the C-N-S-SE cor. of sec. 16, N. 89° 46' W., on the N-S-S 1/256 line of sec. 16.
10.04	Point for the C-N-SW-SE 1/256 cor. of sec. 16. Set a 'T' iron 18 ins. in the ground, cap mkd.
	<p style="text-align: center;">S16 C-N-SW-SE 1/256 1965</p> <hr/>
	N. 0° 20' W., on the W-E 1/64 line of sec. 16.
4.82	The C-W-SE 1/64 cor. of sec. 16.
	<hr/> <p>N. 0° 20' W., continuing on the W-E 1/64 line of sec. 16.</p>
4.82	Point for the C-S-NW-SE 1/256 cor. of sec. 16. Set a 'T' iron 6 ins. in the ground in a small mound of stone to top, with cap mkd.
	<p style="text-align: center;">S16 C-S-NW-SE 1/256 1965</p> <hr/>
	N. 89° 42' W., on the S-N-S 1/256 line of sec. 16.
10.06	The C-S-N-S 1/256 cor. of sec. 16.
	From the true point for the C-N-SE 1/64 cor. of sec. 16, N. 89° 40' W., on the N-S 1/64 line of sec. 16.
20.13	The true point for the C-N-S 1/64 cor. of sec. 16.
	<p style="text-align: center;"><u>Subdivision SW<sup>1</sup>/<sub>4</sub> of Section 16</u></p> <p>From the W 1/16 cor. of secs. 16 and 21, N. 0° 38' W., along the W 1/16 line. Ascend gentle S. slope through dense timber.</p> <p>8.00 Descend steep N. slope.</p> <p>13.00 Leave timber.</p> <p>19.34 Point for the SW 1/16 cor. of sec. 16. Set the iron post 24 ins. in the ground, cap mkd.</p> <p style="text-align: center;">SW 1/16 S 16 1965</p>

A Survey of Partial Subdivision of Certain Sections  
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CHAINS	
	Descend gentle N. slope over open land.
32.50	U. S. Highway 180, bears N. 80° W. and S. 80° E.
38.68	The C-W 1/16 cor. of sec. 16.
	<hr/> From the C-S 1/16 cor. of sec. 16, N. 89° 44' W., along the S 1/16 line.
10.05	Point for the C-E-SW 1/64 cor. Set the iron post 24 ins. in the ground, cap mkd.
	S16 C-E-SW 1/64 1965
12.20	Leave timber.
20.10	The SW 1/16 cor. of sec. 16.
23.00	Re-enter timber; ascend along N. slope.
30.15	Point for the C-W-SW 1/64 cor. Set the iron post 4 ins. in the ground, to bedrock and in a mound of stone, 3 ft. base to top, cap mkd.
	S16 C-W-SW 1/64 1965
	Corner falls on steep N. slope. Along N. slope through timber.
40.20	The S 1/16 cor. of secs. 16 and 17.
	<hr/> From the C-E-SW 1/64 cor. of sec. 16, N. 0° 32' W., on the E-W 1/64 line of sec. 16.
4.83	Point for the C-S-NE-SW 1/256 cor. of sec. 16. Set a 'T' iron 18 ins. in the ground, cap mkd.
	S16 C-S-NE-SW 1/256 1965
	S. 89° 42' E., on the S-N-S 1/256 line of sec. 16.
10.06	The C-S-N-S 1/256 cor. of sec. 16.
	<hr/> From the C-W-SW 1/64 cor. of sec. 16, N. 0° 44' W., on the W-W 1/64 line of sec. 16.
4.84	Point for the C-S-NW-SW 1/256 cor. of sec. 16.

A Survey of Partial Subdivision of Certain Sections  
in Township 5 North, Range 31 East,  
Gila and Salt River Meridian, Arizona

CHAINS	
10.06	<p>Set a 'T' iron 18 ins. in the ground, cap mkd.</p> <p style="text-align: center;">S16 C-S-NW-SW 1/256 1965</p> <hr style="width: 20%; margin: auto;"/> <p>N. 89° 42' W., on the S-N-S 1/256 line of sec. 16.</p> <p>The S-N-S 1/256 cor. of secs. 16 and 17.</p>
	<p style="text-align: center;"><u>In Section 17</u></p> <p>Note: The meridional and latitudinal center lines of sec. 17 were originally surveyed in 1916 by R.P.A. Johnson, Forest Service Surveyor, when he surveyed the boundaries of HES 499 and 500. These surveys are shown on the plat accepted June 29, 1918.</p> <p>From the <math>\frac{1}{4}</math> cor. of secs. 17 and 20, N. 1° 11' W., along the meridional center line of sec. 17. Over level open land.</p> <p>6.20 Improved dirt road, bears N. 10° W. and S. 10° E.</p> <p>13.30 Same road, bears NE. and SW.</p> <p>18.95 Point for the C-S 1/16 cor. of sec. 17.</p> <p>Set the iron post 24 ins. in the ground, cap mkd.</p> <p style="text-align: center;">C S 1/16   S17 C 1965</p> <p>35.42 Small stream, course NE. toward Luna Lake.</p> <p>37.89 Wire fence, bears generally E. and W.</p> <p>37.90 The C <math>\frac{1}{4}</math> cor. of sec. 17, monumented with a sandstone, 24x8x8 ins., firmly set and mkd. C <math>\frac{1}{4}</math> S on N. face. This monument was set during the 1916 survey and conforms to the record.</p> <p>At the corner point</p> <p>Set the iron post 24 ins. in the ground, cap mkd.</p> <p style="text-align: center;">C <math>\frac{1}{4}</math> S17 1965</p> <p>bury the sandstone alongside the iron post.</p> <p>39.17 Center of U. S. Highway 180, bears E. and W.</p> <p>39.37 Intersect line 9-10 of HES 500, Tract B, from which cor. 9 hereinafter described bears S. 89° 41' E., 9.98 chs. dist.</p> <p>45.00 Descend gradually toward Luna Lake.</p> <p>53.91 Intersect line 13-14 of HES 500, Tract B, from which cor.</p>

A Survey of Partial Subdivision of Certain Sections  
in Township 5 North, Range 31 East,  
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CHAINS	
	14 hereinafter described bears N. 89° 30' E., 10.16 chs. dist.
54.30	South shore of Luna Lake.
57.63	True point for the C-N 1/16 cor. falls in Luna Lake not monumented.
68.00	North shore of Luna Lake; ascend S. slope to cor.
77.36	The $\frac{1}{4}$ cor. of secs. 8 and 17.
	From the $\frac{1}{4}$ cor. of secs. 16 and 17,
	S. 89° 01' W., along the latitudinal center line of sec. 17.
	Over level open land.
1.04	Intersect line 1-8, HES 500, Tract A, from which cor. 8 hereinafter described, bears N. 0° 06' E., 2 lks. dist.
18.30	U. S. Highway 180, bears N. 85° W. and S. 85° E.
37.85	Improved dirt road, bears S. toward Blue, Ariz. and N.
38.44	Cor. 15 of HES 499, monumented with a re-inforcing steel bar, $\frac{1}{2}$ in. diam.; this point is accepted by the adjacent landowner as the best evidence of the true position for cor. 15 and conforms to record distances to other corners listed in the 1916 survey.
	from which
	Corner 7 of HES 500, hereinafter described, bears N. 42° 14' E., 1.18 chs. dist.
	A granite stone, 24x24x12 ins., firmly set and mkd. WC 15 HES 499 on W. face bears S. 3° 24' W., 1.00 chs. dist.
39.10	Small stream, course NE.
40.04	The C $\frac{1}{4}$ of sec. 17.
42.00	Luna Lake Bar, bears S. 20 lks. dist.
54.46	Cor. 14 of HES 499, monumented with an iron post, 2 ins. diam., firmly set and properly mkd. as described in the official notes. This iron post set in the intersection of fences extending S. 2° 22' E. and N. 89° E.
60.60	Point for the C-W 1/16 cor. of sec. 17.
	Set the iron post 24 ins. in the ground, cap mkd.
	$\begin{array}{c} \text{C} \frac{\text{W } 1/16}{\text{S } 17} \text{C} \\ 1965 \end{array}$
81.16	The $\frac{1}{4}$ cor. of secs. 17 and 18.
	<p><u>Partial Subdivision of SW <math>\frac{1}{4}</math> of Section 17</u></p>
	From the W 1/16 cor. of secs. 17 and 20.

A Survey of Partial Subdivision of Certain Sections  
in Township 5 North, Range 31 East,  
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CHAINS	
	N. 2° 09' W., along the W 1/16 line. Descend N. slope through timber.
5.80	Wire fence, bears NE. and SW.; leave timber.
9.70	Small stream, course N. 20° E.
18.74	Point for the SW 1/16 cor. of sec. 17. Set the iron post 24 ins. in the ground, cap mkd.  SW 1/16 S17 1965  Corner falls in open field.
37.48	The C-W 1/16 cor. of sec. 17. <hr/> From the C-S 1/16 cor. of sec. 17. S. 89° 38' W., along the S 1/16 line.
12.61	Intersect the line 12-13 of HES 499 from which cor. 13 hereinafter described bears N. 70° 14' W., 1.54 chs. dist.
18.80	Small stream, course NE.
20.26	The SW 1/16 cor. of sec. 17.
26.00	Enter timber; ascend gentle E. slope.
40.52	The S 1/16 cor. of secs. 17 and 18.
<u>Partial Subdivision NW<sup>1</sup>/<sub>4</sub> of Section 17</u>	
	From the C-W 1/16 cor. of sec. 17. N. 3° 26' E., along the W 1/16 line.
1.70	Center of U. S. Highway 180, bears E. and W.
1.95	Intersect line 9-10 HES 500, Tract B, from which Cor. 10, hereinbefore described, bears N. 89° 41' W., 20.38 chs. dist.
5.20	Small wash, drains NE.
20.69	True point for the NW 1/16 cor. of sec. 17, falls in old wire fence bearing S. 88° 15' E. and N. 88° 15' W., not monumented.
20.80	Unimproved dirt road, bears E. and W.
26.58	San Francisco River, 15 lks. wide, 6 ins. deep, flows E.; ascend gentle S. slope over farm land.
41.38	True point for the W 1/16 cor. of secs. 8 and 17. <hr/> From the N 1/16 cor. of secs. 17 and 18. S. 88° 15' E., along an old wire fence.
18.93	True point for the NW 1/16 cor.

A Survey of Partial Subdivision of Certain Sections  
in Township 5 North, Range 31 East  
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CHAINS	
22.98	<p>Cor. 12 of HES 500, Tract B, monumented with a sandstone, 33x16x12 ins., marked + 12 HES 500 on the SW. face., firmly set.</p> <p>At the corner point</p> <p>Set the iron post 22 ins. in the ground, cap mkd.</p> <div style="text-align: center;"> <p>T5N R31E</p> <p>S17</p> <p>Cor 12</p> <p>HES</p> <p>500</p> <p>1965</p> </div> <p>bury sandstone alongside the iron post.</p> <p>Corner falls in wire fence bearing E. and W.</p>
23.66	<p>Point for the C-W-E-NW 1/256 cor.</p> <p>Set the 'T' iron 18 ins. in the ground, cap mkd.</p> <div style="text-align: center;"> <p>C-W-E-NW</p> <p>1/256</p> <p>S17</p> <p>1965</p> </div> <p>Corner falls on level land on E. side of fences extending N., S. and W.</p>
26.50	<p>West shore of Luna Lake.</p>
37.86	<p>True point for the C-N 1/16 cor.</p>
	<p>From the C-W-E-NW 1/256 cor. of sec. 17.</p>
	<p>N. 2° 20' E., on the W-E-W 1/256 line of sec. 17.</p>
20.44	<p>The W-E-W 1/256 cor. of secs. 8 and 17.</p>
	<p style="text-align: center;">Dependent Resurvey of a Portion of Homestead Entry Survey 499, Township 5 North, Range 31 East, Gila and Salt River Meridian, Arizona</p>
	<p style="text-align: center;">Re-establishment of the Survey Executed by <u>R.P.A. Johnson in 1917</u></p>
	<p>From cor. 11, on line between secs. 17 and 20, hereinbefore described,</p>
	<p>Thence in sec. 17,</p>
	<p>N. 17° 04' W., on line 11-12.</p>
17.72	<p>Cor. 12 monumented with a sandstone, 25x18x10 ins. mkd. + 12 HES 499 on NE. face, firmly set.</p>
	<p>N. 70° 14' W., on line 12-13.</p>
5.71	<p>Point of intersection with the S 1/16 line of sec. 17, hereinbefore described.</p>

Dependent Resurvey of a Portion of Homestead Entry Survey 499,  
Township 5 North, Range 31 East,  
Gila and Salt River Meridian, Arizona

CHAINS	
7.25	<p>Cor. 13 monumented with a granite stone, 24x14x8 ins., mkd. + 13 HES 499 on NE. face, firmly set.</p> <p>N. 2° 22' W., on line 13-14, along a new wire fence.</p>
18.26	<p>Cor. 14 on the latitudinal center line of Sec. 17, hereinbefore described.</p> <p>N. 89° 01' E., on line 14-15 and on the latitudinal center line of sec. 17, along a new wire fence.</p>
12.46	<p>Luna Lake Bar, Bears SOUTH, 20 lks. dist.</p>
14.42	<p>The C <math>\frac{1}{4}</math> cor. of sec. 17, hereinbefore described.</p>
15.36	<p>Small Creek, course NE.</p>
16.02	<p>Cor. 15 on the latitudinal center line of sec. 17, hereinbefore described.</p> <p>S. 3° 24' W., on line 15-16.</p>
1.00	<p>The witness corner of cor. 15, hereinbefore described.</p>
19.24	<p>Point for a cor. of lots 10 and 14, set in accordance with the special instructions.</p> <p>Set the 'T' iron 20 ins. in the ground, cap mkd.</p>
	<p style="text-align: center;">S17 HES   L10 499   L14 1965</p>
	<p>from which</p> <p style="padding-left: 40px;">The C-S 1/16 cor. of sec. 17, hereinbefore described, bears N. 19° 20' W., 25 lks. dist.</p> <p style="padding-left: 40px;">Cor. 6 of HES 500, hereinafter described, bears EAST, 85 lks. dist.</p>
31.40	<p>Cor. 16 monumented with a sandstone, 24x18x8 ins., mkd. 16 HES 499 on W. face, loosely set.</p> <p>S. 23° 55' E., on line 1-16.</p>
7.25	<p>Cor. 1, on line between secs. 17 and 20, hereinbefore described.</p>
<p>Dependent Resurvey of a Portion of Homestead Entry Survey 500, Township 5 North, Range 31 East, Gila and Salt River Meridian, Arizona</p>	
<p style="text-align: center;">Re-establishment of the Survey Executed by <u>R.P.A. Johnson in 1916</u></p> <p style="text-align: center;"><u>Tract A</u></p> <p>Cor. 6, monumented with a sandstone, 25x10x8 ins., mkd. 6 HES 500 on NE face, loosely set on E. shoulder of improved light duty road.</p> <p>from which</p>	

Dependent Resurvey of a Portion of Homestead Entry Survey 500,  
Township 5 North, Range 31 East,  
Gila and Salt River Meridian, Arizona

CHAINS	
	<p>A pine, 14 ins. diam., bears S. 64° 57' E., 241 lks. dist., mkd. 6 HES 500 + BT.</p> <p>A pine, 16 ins. diam., bears S. 32° 17' E., 208 lks. dist., mkd. 6 HES 500 + BT (Record: 202 lks.)</p> <p>N. 3° 05' E., on line 6-7, along the E. edge of an unimproved dirt road.</p>
20.11	<p>Cor. 7, identical with the SW. cor. of Tract C, monumented with a re-inforcing steel bar, 1/2 in. diam., firmly set.</p> <p>from which</p> <p>The true point for the NW. cor. of Tract C bears N. 3° 05' E., 56 lks. dist.</p>
7.48	<p>S. 89° 41' E., on line 7-8.</p> <p>Intersect the projected bearing of line 9-14 of HES 500, Tract B. Point of intersection is identical with the SE. cor. of Tract C.</p> <p>Set a 'T' iron 18 ins. in the group, cap mkd.</p> <div style="text-align: center;"> <p>S17 TR C L4 HES 500 1965</p> </div>
36.55	<p>Corner falls on S. edge of U. S. Highway 180.</p> <p>Cor. 8 monumented with an iron post, 2 ins. diam., badly bent, properly marked, firmly set.</p> <p>At the corner point.</p> <p>Set the iron post 24 ins. in the ground, cap mkd.</p> <div style="text-align: center;"> <p>S17 L 6 HES 8 500 1965</p> </div>
0.02	<p>S. 0° 06' W., on line 8-1.</p> <p>Point of intersection with the latitudinal center line of sec. 17, hereinbefore described.</p>
1.83	<p>U. S. Highway 180 bears generally E. and W.</p>
14.56	<p>Point for a cor. of lots 7 and 16, set in accordance with the special instructions.</p> <p>Set the 'T' iron 18 ins. in the ground, cap mkd.</p> <div style="text-align: center;"> <p>S17 HES L7 500 L16 1965</p> </div> <p>from which</p> <p>The S-N-S 1/256 cor. of secs. 16 and 17, hereinbefore described, bears EAST, 1.29 chs. dist.</p> <p>Corner falls at W. edge of corner of fences bearing N. and E.</p>



Dependent Resurvey of a Portion of Homestead Entry Survey 500,  
Township 5 North, Range 31 East,  
Gila and Salt River Meridian, Arizona

CHAINS	
38.79	<p>Ascend along gentle W. slope.</p> <p>Cor. 1 on line between secs. 17 and 20, hereinbefore described.</p>
4.30	<p style="text-align: center;"><u>Tract B</u></p> <p>From cor. 12 on the N 1/16 line of sec. 17, hereinbefore described,</p> <p>SOUTH, on line 12-13, along an old fence line.</p> <p>Cor. 13 monumented with an iron post, 2 ins. diam., properly mkd., loosely set in a mound of stone.</p> <p>At the corner point</p> <p>Set the iron post 10 ins. in the ground to bedrock, in a mound of stone, 2½ ft. base, to top, cap mkd.</p> <div style="text-align: center;"> <p>S17   L3   13   HES 500 1965</p> </div>
14.95	<p>N. 89° 30' E., on line 13-14, along an old fence line.</p> <p>Point of intersection with the meridional center line of sec. 17, hereinbefore described.</p>
25.11	<p>Cor. 14 monumented with a sandstone, 24x8x6 ins., mkd. 14 HES 500 on SW. face, firmly set.</p> <p>At the corner point</p> <p>Set the iron post 24 ins. in the ground, cap mkd.</p> <div style="text-align: center;"> <p>S17   14   HES   L 4 500 1965</p> </div>
14.68	<p>bury the sandstone alongside the iron post</p> <p>S. 0° 14' E., on line 9-14.</p> <p>Cor. 9, identical with the NE. cor. of Tract C, monumented with a sandstone, 24x6x6 ins., mkd. 9 HES 500 on NW. face, loosely set at fence corner.</p> <p>At the corner point</p> <p>Set the iron post 22 ins. in the ground, cap mkd.</p> <div style="text-align: center;"> <p>S17   HES   L4 500   9   1965</p> </div> <p>from which</p> <p>The SE cor. of Tract C, hereinbefore described, bears S. 0° 14' E., 56 lks. dist.</p>

Dependent Resurvey of a Portion of Homestead Entry Survey 500,  
Township 5 North, Range 31 East,  
Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Bury the sandstone alongside the iron post.</p>
	<p>Corner falls on N. shoulder of U. S. Highway 180.</p>
	<p>N. 89° 41' W., on line 9-10.</p>
7.43	<p>Intersect the projected bearing of line 6-7 of HES 500, Tract A. Point of intersection, identical with the NW. cor. of Tract C, not monumented.</p>
9.98	<p>Point of intersection with the meridional center line of sec. 17, hereinbefore described.</p>
30.36	<p>Point of intersection with the W 1/16 line of sec. 17, hereinbefore described.</p>
50.74	<p>Cor. 10, on line between secs. 17 and 18, hereinbefore described.</p>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
John J. Griswold	Surveying Aid
Michael A. Hall	Surveying Aid
Richard W. Oakley	Surveying Aid

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CERTIFICATE OF SURVEY

I, Leonard W. Murphy, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 22nd day of June, 1965,

I have dependently resurveyed portions of the subdivision lines and Homestead Entry Surveys 499 and 500 and surveyed a partial subdivision of certain sections in Township 5 North, Range 31 East.

of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; 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.

April 13, 1967 (Date)

Leonard W. Murphy (Cadastral Surveyor)

(Date)

(Cadastral Surveyor)

SUBMITTED FOR APPROVAL Date APR 14 1967

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT, Washington, D. C.

The foregoing field notes of the dependent resurvey of portions of the subdivision lines and Homestead Entry Surveys 499 and 500 and the survey of partial subdivision of certain sections, Township 5 North, Range 31 East, Gila and Salt River Meridian, Arizona,

executed by Leonard W. Murphy

having been critically examined and found correct, are hereby approved.

JUN 15 1967 (Date)

J. E. Livingston (Chief, Division of Engineering)

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, Division of Engineering)



# United States Department of the Interior

9622 (420)  
Gp. 426, AZ

BUREAU OF LAND MANAGEMENT  
WASHINGTON, D.C. 20240

May 12, 1978

RECEIVED  
B. L. M. AZ STATE OFFICE

Memorandum

MAY 15 1978

To: SD, Arizona

10:00 A.M.

From: Director

PHOENIX, ARIZONA

Subject: Corrective Resurvey, T. 5 N., R. 31 E., Gila and Salt River Meridian, Arizona

Your memorandums of January 26, 1978, and April 3, 1978, indicate that there is considerable discrepancy between the record and the actual conditions on the ground in the NW  $\frac{1}{4}$  sec. of sec. 17, T. 5 N., R. 31 E., G and SRM, Arizona.

The NW 1/16 sec. cor. of sec. 17 is monumented with a BLM monument, although the field notes of the survey accepted in 1967 indicate no monument was set. The W-E-W 1/256 sec. cor. of secs. 8 and 17 has been destroyed and the C-W-E-NW 1/256 sec. cor. is located 117 links from cor. 12 of HES 500, Tract B, rather than the record 68 links.

The U. S. Forest Service has also indicated a need for the W. 1/16 sec. cor. of secs. 8 and 17 which was never monumented.

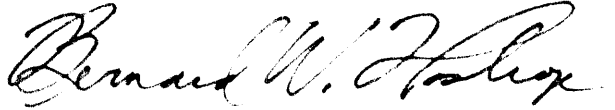
Based on the information submitted there appears to be gross error in the location of the C-W-E-NW 1/256 sec. cor. of sec. 17 and a need for clarification of the record in the NW  $\frac{1}{4}$  of sec. 17.

You are hereby authorized to issue special instructions for a corrective resurvey of the NW  $\frac{1}{4}$  of sec. 17, T. 5 N., R. 31 E., G and SRM, Arizona. Since there is no evidence of use, the erroneously located C-W-E-NW 1/256 sec. cor. should be removed after it is tied in.



The plat of T. 5 N., R. 31 E., G and SRM, Arizona, accepted June 15, 1967, is hereby suspended, effective this date, your records should be noted accordingly.

For the Director



Bernard W. Hostrop  
Chief, Division of  
Cadastral Survey