

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF A DEPENDENT RESURVEY OF

A PORTION OF THE THIRD STANDARD PARALLEL NORTH IN R. 12 W.

AND THE SURVEY OF

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 13 NORTH, RANGE 12 WEST

Of the *Gila and Salt River* *Meridian,*

In the State of *Arizona*

EXECUTED BY

..... *DeWitt A. Crain* - *Cadastral Surveyor*

Under special instructions dated *March 7*, *19 58*, *which provided*
for the surveys included under Group No. *328*, *approved* *March 7, 1958*

and assignment instructions dated *December 1*, *1958*

Survey commenced *December 8*, *1958*

Survey completed *January 27*, *1959*

1A

BOOK 4570

INDEX DIAGRAM

Township 13 North, Range 12 West

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Township 13 North, Range 12 West

Chains

The south boundary (Third Standard Parallel North) of T. 13 N., R. 12 W. was surveyed by A. N. Oliver in 1911, and its record appears in the field notes of T. 13 N., R. 12 W., approved June 27, 1918. The north boundary and the Fourth Meridional subdivisional line was surveyed by Otis Ross and A. P. Warner in 1915, and their records appear in the field notes of T. 13 N., R. 12 W., approved June 27, 1918. The east boundary was surveyed by Donald Harding in 1958.

The following field notes are those of a dependent resurvey of a portion of the Third Standard Parallel North in R. 12 W. and the completion survey of the subdivisional lines of T. 13 N., R. 12 W.

The survey was executed with a W. and L. E. Gurley solar transit, serial No. 541328, which conforms to the standard instrumental specifications of the Bureau of Land Management. The instrument was maintained in precise adjustment throughout the progress of the survey.

The measurements were made with a narrow steel tape, 8 chains in length, graduated to tenths of links for the first link, to links for the next 99 links, and thereafter at intervals of 10 links. The tape was tested by comparison with a standard steel tape, 1 chain in length, and found to be correct. The measurements were made on the slope and the vertical angle of each interval was ascertained by two clinometers in good adjustment. The slope distances were properly reduced to horizontal equivalents which are entered in the field note record.

The direction of all lines of this survey were determined by sustained angulation carried forward from the meridian determined by the following direct solar observation:

December 10, 1958, at a point 1.10 chs. dist. west of the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the township, in latitude $34^{\circ} 25' 54''$ N. and longitude $113^{\circ} 28' 10''$ W., I made a series of 8 altitude observations upon the sun for azimuth, 4 each with the telescope in direct and reversed positions and observe angle from a flag set approximately 1 mile SSE.

Time of observation	
105th meridian standard time	10h 41m
Mean observed vertical angle	$26^{\circ} 17'$
Horizontal angle to sun	$8^{\circ} 25'$
Declination of sun	$22^{\circ} 55' S.$

The geographic position for the southeast corner of this township is in latitude $34^{\circ} 25' 02''$ N. and longitude $113^{\circ} 28' 10''$ W., as determined from data furnished with the special instructions.

The magnetic declination was read at a number of stations throughout the township and the average of the several readings was found to be $14^{\circ} 30' E.$

Dependent Resurvey
of a Portion of the Third Standard Parallel North in R. 12 W.

Reestablishment of the survey made by A. N. Oliver in 1911.

From the standard $\frac{1}{4}$ sec. cor. of sec. 34 on the S. bdy. of the township, monumented with an iron post, set, mkd. and witnessed as described in the official record.

West, along the S. bdy. of sec. 34.

Desc. over rolling and broken SW. slope, through desert vegetation.

Dependent Resurvey
of a Portion of the Third Standard Parallel North in R. 12 W.

Chains 36.55	<p>Point selected for the witness cor. for the standard sec. cor. of secs. 33 and 34.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T13N R12W S C W <u>S33</u> <u>S34</u> C 1959</p>
40.00	<p>True point for the standard cor. of secs. 33 and 34, at proportionate dist.; there is no remaining evidence of the original cor. which falls in large wash, 5 ft. deep, 2 chs. wide, drains S.</p> <p>Land, rolling and broken. Soil, sandy and rocky. Timber, yellow paloverde and catclaw acacia. Undergrowth, creosote brush and ocotillo.</p>
	<p>From the true cor. point for the standard cor. of secs. 33 and 34, on the S. bdy. of the township.</p> <p>West, along the S. bdy. of sec. 33.</p> <p>Asc. 180 ft. over rolling and broken S. to SE. slope, through desert vegetation.</p>
2.90	Fence, bears NE. and SW.
27.10	E. rim of small mesa, rim bears N. and SSW.; desc. 15 ft. over W. slope.
38.20	W. rim of mesa, rim bears NW. and SE.; desc. 90 ft. over steep W. slope.
40.00	<p>The standard ¼ sec. cor. of sec. 33, monumented with an iron post, set, mkd. and witnessed as described in the official record.</p> <p>Land, rough and broken. Soil, sandy and rocky. Timber, yellow paloverde and catclaw acacia. Undergrowth, jumping and buckhorn cholla, yucca, ocotillo and saguaro cactus.</p>
Survey of a Portion of the Subdivision, T. 13 N., R. 12 W.	
	<p>Beginning at the standard cor. of sections 35 and 36, on the S. bdy. of the township, monumented with an iron post, set, mkd. and witnessed as described in the official record.</p> <p>N. 0° 01' W., bet. secs. 35 and 36.</p> <p>Desc. 150 ft. over steep rocky NW. slope.</p>
8.40	Draw, 3 ft. deep, 50 lks. wide, drains SW.; asc. 460 ft. over steep rocky SE. slope.
25.50	Broken rimrock, bears NE. and SW.; asc. 70 ft. over SW. slope.
40.00	Point for the ¼ sec. cor. of secs. 35 and 36.

Survey of a Portion of the Subdivision, T. 13 N., R. 12 W.

Chains

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., on bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T13N R12W

$$\frac{1}{4}$$

S35		S36
1958		

Asc. over rocky SW. slope.

41.60 Broken rimrock, bears NE. and SW., slopes SW.; desc. 260 ft. over steep rocky NW. slope.

52.40 Rock spur, slopes NW.; desc. 210 ft. over steep rocky N. slope.

63.60 Wash, 3 ft. deep, 40 lks. wide, drains W.; asc. 20 ft. over S. slope.

68.90 Round spur, slopes SE.; desc. over NE. slope.

73.90 Wash on cover from NNE., drains SSE.; asc. 70 ft. over E. slope.

80.00 Point for the cor. of secs. 25, 26, 35 and 36.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 14 ins. in the ground, and in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.

T13N R12W

S26		S25
S35		S36
1958		

Land, rough and broken.

Soil, rocky.

Timber, yellow paloverde and smokethorn

Undergrowth, creosote brush, ocotillo and saguaro cactus.

From the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the township, monumented with an iron post, set, mkd. and witnessed as described in the official record.

N. $89^{\circ} 59'$ W., bet. secs. 25 and 36.

Asc. 25 ft. over broken SE. slope, through desert vegetation.

1.10 Broken ridge, bears NE. and SW.; desc. 315 ft. over broken W. slope.

28.20 Wash, 2 ft. deep, 30 lks. wide, drains SSW.; asc. 35 ft. over SE. slope.

31.80 Saddle, bears NNE. and SSW.; desc. 50 ft. over broken SSW. slope.

39.94 True point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 36, falls on unsafe point in small wash which drains SW.

40.64 Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, and in a mound of stone to top, with brass cap mkd.

T13N R12W

$\frac{1}{4}$	$\frac{S25}{S36}$	W
		C
1958		

Desc. 90 ft. over S. slope.

Survey of a Portion of the Subdivision, T. 13 N., R. 12 W.

Chains	
75.90	Ridge spur, slopes S.; desc. 50 ft. over W.slope.
78.80	Wash, 3 ft. deep, 50 lks. wide, drains S.; asc. 60 ft. over E.slope.
79.88	The cor. of secs. 25, 26, 35 and 36. Land, rough and broken. Soil, rocky. Timber, yellow paloverde and smokethorn. Undergrowth, creosote brush, ocotillo and saguaro cactus.
40.00	N. 0° 01' W., bet. secs. 25 and 26. Asc. 380 ft. over broken SE. slope, through desert vegetation. Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 26. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T13N R12W $\frac{1}{4}$ S26 S25 1958
40.50	Ridge spur, slopes SW.; desc. 195 ft. over broken NW. slope.
51.40	Wash, 3 ft. deep, 40 lks. wide, drains SW.; asc. 240 ft. over broken and rocky SSW. slope.
80.00	Point for the cor. of secs. 23, 24, 25 and 26. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., on bedrock, and in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd. T13N R12W S23 S24 S26 S25 1958 Land, rough and broken. Soil, rocky. Timber, yellow paloverde, smokethorn and catclaw acacia. Undergrowth, jumping cholla, yucca, creosote brush, ocotillo and saguaro cactus.
38.30	From the cor. of secs. 19, 24, 25 and 30 on the E. bdy. of the township, monumented with an iron post, set, mkd. and witnessed as described in the official record. S. 89° 57' W., bet. secs. 24 and 25. Asc. 290 ft. over rough and broken S. to SE. slope, through desert vegetation. Rocky ridge spur, slopes S.; desc. 15 ft. over rocky S. slope.
40.01	Point for the $\frac{1}{4}$ sec. cor. of secs. 24 and 25. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

Survey of a Portion of the Subdivision, T. 13 N., R. 12 W.

Chains

T13N R12W

$$\frac{1}{4} \frac{S24}{S25}$$
 1958

Desc. 90 ft. over broken SW. slope.

48.70 Wash, 2 ft. deep, 40 lks. wide, drains SW.; thence over rolling and broken S. to SW. slope.

80.02 The cor. of secs. 23, 24, 25 and 26.

Land, rough and broken.

Soil, rocky.

Timber, yellow paloverde and smokethorn.

Undergrowth, yucca, ocotillo and creosote brush.

N. 0° 01' W., bet. secs. 23 and 24.

Asc. 80 ft. over broken SE. slope.

9.80 Ridge, bears NE. and SW.; desc. over rolling and broken W. to NW. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 23 and 24.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T13N R12W

$$\frac{1}{4} \frac{S23|S24}{S23|S24}$$
 1958

Asc. 145 ft. over rocky SW. slope.

58.20 Ridge, bears N. 75° W. and S. 80° E.; desc. 220 ft. over broken NE. slope.

80.00 Point for the cor. of secs. 13, 14, 23 and 24.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 14 ins. in the ground, and in a mound of stone to top, with brass cap mkd.

T13N R12W

$$\frac{S14|S13}{S23|S24}$$
 1958

Land, rolling and broken.

Soil, sandy and rocky.

Timber, yellow paloverde and smokethorn.

Undergrowth, creosote brush, yucca and ocotillo.

From the cor. of secs. 13, 18, 19 and 24, on the E. bdy. of the township, monumented with an iron post, set, mkd. and witnessed as described in the official record.

S. 89° 57' W., bet. secs. 13 and 24.

Desc. 60 ft. over steep rocky NW. slope.

9.70 Wash, 3 ft. deep, 40 lks. wide, drains NE.; asc. 400 ft. over steep rocky ESE. slope.

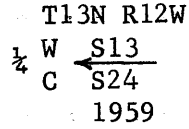
Survey of a Portion of the Subdivision, T. 13 N., R. 12 W.

Chains

24.90 Ridge spur, slopes NE.; desc. 170 ft. over rocky and broken NW. slope.

38.82 Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 13 and 24.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 16 ins. in the ground, and in a mound of stone to top, with brass cap mkd.



Desc. over ledges to true point.

40.05 True point for the $\frac{1}{4}$ sec. cor. of secs. 13 and 24 falls on W. slope of ledge bearing N. and S.; asc. 130 ft. over broken NE. slope.

63.60 Top of ascent, round spur slopes N.; desc. 60 ft. over rolling to broken NW. slope.

80.10 The cor. of secs. 13, 14, 23 and 24.

Land, rough and broken.
 Soil, sandy and rocky.
 Timber, juniper and smokethorn.
 Undergrowth, yucca and creosote brush.

N. $0^{\circ} 01' W.$, bet. secs. 13 and 14.

Desc. 50 ft. over broken NE. slope, through desert vegetation.

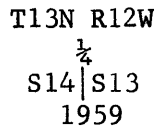
12.40 Desc. 110 ft. over steep N. slope.

16.20 Wash, 4 ft. deep, 30 lks. wide, drains NE.; asc. 70 ft. over SE. slope.

22.50 Round spur, slopes E.; desc. 180 ft. over rolling NE. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 13 and 14.

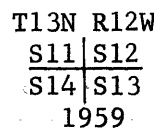
Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 16 ins. in the ground, and in a mound of stone to top, with brass cap mkd.



Desc. 140 ft. over rolling NE. slope.

80.00 Point for the cor. of secs. 11, 12, 13 and 14.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, and in a mound of stone to top, with brass cap mkd.



Land, rolling to broken.
 Soil, sandy clay and rocky.
 Timber, juniper and smokethorn.
 Undergrowth, yucca, creosote brush and ocotillo.

Survey of a Portion of the Subdivision, T. 13 N., R. 12 W.

Chains

From the cor. of secs. 7, 12, 13 and 18 on the E. bdy. of the township, monumented with an iron post, set, mkd. and witnessed as described in the official record.

S. 89° 50' W., bet. secs. 12 and 13.

Asc. over rolling NNE. slope, through desert vegetation.

40.10 Point for the $\frac{1}{4}$ sec. cor. of secs. 12 and 13.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground, and in a mound of stone to top, with brass cap mkd.

T13N R12W

$\frac{1}{4}$ $\frac{S12}{S13}$
1959

Asc. over rolling NNE. slope.

80.20 The cor. of secs. 11, 12, 13 and 14.

Land, rolling.

Soil, sandy.

Timber, juniper, smokethorn and catclaw acacia.

Undergrowth, yucca, creosote brush and ocotillo.

N. 0° 01' W., bet. secs. 11 and 12.

Desc. 100 ft. over rolling NNE. slope, through desert vegetation.

2.99 Road, bears E. and W.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 11 and 12.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T13N R12W

$\frac{1}{4}$
S11 | S12
1959

Desc. 40 ft. over NNE. slope.

54.20 Wash, 2 ft. deep, 80 lks. wide, drains NE.; thence over rolling and broken NE. slope.

80.00 True point for the cor. of secs. 1, 2, 11 and 12 falls in wide wash; unsafe place for monument. Also, road through wash.

Land, rolling.

Soil, sandy.

Timber, juniper, smokethorn and catclaw acacia.

Undergrowth, yucca, jumping and buckhorn cholla and creosote brush.

From the cor. of secs. 1, 6, 7 and 12 on the E. bdy. of the township, monumented with an iron post, set, mkd. and witnessed as described in the official record.

S. 89° 47' W., bet. secs. 1 and 12.

Asc. over rolling ridge spurs sloping NE., through desert vegetation.

Survey of a Portion of the Subdivision, T. 13 N., R. 12 W.

Chains					
37.22	<p>Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 1 and 12.</p> <p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, and in a mound of stone to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T13N R12W</p> <table style="margin: auto;"> <tr> <td style="padding-right: 5px;">$\frac{1}{4}$ W</td> <td style="border-left: 1px solid black; padding-left: 5px;">S 1</td> </tr> <tr> <td style="padding-right: 5px;">C</td> <td style="border-left: 1px solid black; padding-left: 5px;">S12</td> </tr> </table> <p>1959</p> </div> <p>Desc. 20 ft. over W. slope.</p>	$\frac{1}{4}$ W	S 1	C	S12
$\frac{1}{4}$ W	S 1				
C	S12				
40.11	<p>True point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 12, falls in bottom of small wash; unsafe place for monument.</p> <p>Asc. over rolling ridge spurs sloping NE.</p>				
64.40	<p>Wash, 2 ft. deep, 1 ch. wide, drains N.; asc. 40 ft. over rolling NE. slope.</p>				
76.00	<p>Ridge spur, slopes NE.; desc. 60 ft. over W. slope.</p>				
80.22	<p>True point for the cor. of secs. 1, 2, 11 and 12.</p> <p>Land, rolling. Soil, sandy. Timber, juniper, smokethorn and catclaw acacia. Undergrowth, yucca, jumping and buckhorn cholla and creosote brush.</p>				
40.00	<p>From the true point for the cor. of secs. 1, 2, 11 and 12.</p> <p>N. $0^{\circ} 10'$ E., bet. secs. 1 and 2.</p> <p>Over rolling and broken E. to NE. slope, through desert vegetation.</p> <p>Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 2.</p> <p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 14 ins. in the ground, and in a mound of stone to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T13N R12W</p> <table style="margin: auto;"> <tr> <td style="padding-right: 5px;">$\frac{1}{4}$</td> <td style="border-left: 1px solid black; padding-left: 5px;">S 1</td> </tr> <tr> <td style="padding-right: 5px;">S 2</td> <td style="border-left: 1px solid black; padding-left: 5px;">S 1</td> </tr> </table> <p>1959</p> </div>	$\frac{1}{4}$	S 1	S 2	S 1
$\frac{1}{4}$	S 1				
S 2	S 1				
80.16	<p>Intersect the N. bdy. of the township at the cor. of secs. 1, 2, 35 and 36, monumented with an iron post, set, mkd. and witnessed as described in the official record.</p> <p>Land, rough, broken to rolling. Soil, sandy and rocky. Timber, yellow paloverde, catclaw acacia and smokethorn. Undergrowth, creosote brush, yucca and ocotillo.</p>				
9.30	<p>From the standard cor. of secs. 34 and 35 on the S. bdy. of the township, monumented with an iron post, set, mkd. and witnessed as described in the official record.</p> <p>N. $0^{\circ} 01'$ W., bet. secs. 34 and 35.</p> <p>Desc. 80 ft. over NNW. slope, through desert vegetation.</p> <p>Wash, 4 ft. deep, 30 lks. wide, drains W.; asc. 140 ft. over broken SW. slope.</p> <p>Top of ascent, round spur slopes SW.; desc. 90 ft. over broken W. slope.</p>				

Survey of a Portion of the Subdivision, T. 13 N., R. 12 W.

Chains	
38.90	<p>Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 34 and 35.</p> <p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 14 ins. in the ground, and in a mound of stone, 5 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T13N R12W $\frac{1}{4}$ W C S34↑S35 1958</p>
40.00	<p>True point for the $\frac{1}{4}$ sec. cor. of secs. 34 and 35, falls in small draw draining SW.; unsafe place for monument.</p> <p>Asc. 80 ft. over rocky and broken S. slope.</p>
47.10	<p>Ridge, bears W. and NE.; desc. 130 ft. over broken and rocky N. slope.</p>
54.10	<p>Wash, 3 ft. deep, 40 lks. wide, drains W.; asc. 230 ft. over broken rock and ledges sloping SW.</p>
80.00	<p>Point for the cor. of secs. 26, 27, 34 and 35.</p> <p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, and in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T13N R12W S27 S26 S34 S35 1958</p> <p>Land, rough and broken. Soil, rocky. Timber, yellow paloverde and smokethorn. Undergrowth, jumping and buckhorn cholla, creosote brush, ocotillo and saguaro cactus.</p>
	<p>From the cor. of secs. 25, 26, 35 and 36.</p>
	<p>West, bet. secs. 26 and 35.</p>
	<p>Asc. 160 ft. over rocky E. slope, through desert vegetation.</p>
9.50	<p>Ridge, bears N. and S.; desc. 170 ft. over rocky and broken W. slope.</p>
18.50	<p>Wash, 4 ft. deep, 40 lks. wide, drains S.; asc. 180 ft. over E. to NE. slope.</p>
33.80	<p>Round spur, slopes N.; desc. 100 ft. over NW. slope.</p>
40.19	<p>Point for the $\frac{1}{4}$ sec. cor. of secs. 26 and 35.</p> <p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the ground, and in a mound of stone to top, with brass cap mkd.</p> <p style="text-align: center;">T13N R12W $\frac{1}{4}$ $\frac{S26}{S35}$ 1958</p>
	<p>Desc. 95 ft. over rocky NW. slope.</p>
48.40	<p>Wash, 2 ft. deep, 30 lks. wide, drains SW.; asc. 110 ft. over rocky and broken SE. slope.</p>
76.10	<p>Ridge spur, slopes SSW.; desc. 40 ft. over rocky SW. slope.</p>

Survey of a Portion of the Subdivision, T. 13 N., R. 12 W.

Chains	
80.38	The cor. of secs. 26, 27, 34 and 35. Land, rough and broken. Soil, rocky. Timber, yellow paloverde, smokethorn and catclaw acacia. Undergrowth, jumping and buckhorn cholla and creosote brush.
	N. 0° 01' W., bet. secs. 26 and 27. Asc. 100 ft. over SW. slope, through desert vegetation.
14.30	Ridge, bears NW. and SE.; desc. 150 ft. over NE. slope.
21.60	Wash, 2 ft. deep, 40 lks. wide, drains NW.; asc. 120 ft. over rocky and broken S. slope.
30.60	Ridge, bears NE. and SW.; desc. 85 ft. over broken NW. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 26 and 27. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd. T13N R12W $\frac{1}{4}$ S27 S26 1959 Raise a mound of stone, 3 ft. base, W. of cor. Asc. 110 ft. over broken W. slope.
71.60	Wash, 3 ft. deep, 80 lks. wide, drains SW.; asc. 50 ft. over SE. slope.
78.80	N. end of small ridge, bears NE. and SW.; desc. over N. slope.
80.00	Point for the cor. of secs. 22, 23, 26 and 27. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd. T13N R12W S22 S23 S27 S26 1959 Raise a mound of stone, 3 ft. base, W. of cor. Land, rolling and broken. Soil, sandy and rocky. Timber, yellow paloverde and smokethorn. Undergrowth, jumping and buckhorn cholla, ocotillo, yucca and saguaro saguaro cactus.
	From the cor. of secs. 23, 24, 25 and 26. S. 89° 59' W., bet. secs. 23 and 26. Asc. 90 ft. over rocky SE. slope, through desert vegetation.
7.60	Ridge, bears NNE. and SSW.; desc. 220 ft. over rocky W. slope.
17.00	Wash, 2 ft. deep, 40 lks. wide, drains S.; asc. over SE. slope.
19.50	Spur, slopes S.; desc. over SW. slope.
22.30	Wash, 1 ft. deep, 30 lks. wide, drains S.; asc. 40 ft. over broken NNE. slope.

Survey of a Portion of the Subdivision, T. 13 N., R. 12 W.

Chains	
40.19	<p>Point for the $\frac{1}{4}$ sec. cor. of secs. 23 and 26.</p> <p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T13N R12W $\frac{1}{4}$ $\frac{S23}{S26}$ 1959</p> <p>Asc. 55 ft. over rocky NE. slope.</p>
45.10	<p>Top of ascent, slopes N.; desc. 420 ft. over rocky and broken NW. slope.</p>
77.30	<p>Wash, 3 ft. deep, 80 lks. wide, drains SW.; asc. 30 ft. over SE. slope.</p>
80.00	<p>Ridge, bears NE. and SW.; desc. over NW. slope.</p>
80.38	<p>The cor. of secs. 22, 23, 26 and 27.</p> <p>Land, rough and broken. Soil, rocky. Timber, smokethorn. Undergrowth, creosote brush, yucca and saguaro cactus.</p>
40.00	<p>N. $0^{\circ} 01'$ W., bet. secs. 22 and 23.</p> <p>Asc. over rolling SW. slope, through desert vegetation.</p> <p>Point for the $\frac{1}{4}$ sec. cor. of secs. 22 and 23.</p> <p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground, and in a mound of stone to top, with brass cap mkd.</p> <p style="text-align: center;">T13N R12W $\frac{1}{4}$ S22 S23 1959</p> <p>Asc. over rolling SW. slope.</p>
77.70	<p>Point selected for the witness cor. of secs. 14, 15, 22 and 23.</p> <p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T13N R12W W C S15 S14 S22 S23 1959</p>
80.00	<p>True point for the cor. of secs. 14, 15, 22 and 23 falls in small wash; unsafe place for monument.</p> <p>Land, rolling. Soil, sandy and rocky. Timber, yellow paloverde, juniper and smokethorn. Undergrowth, jumping and buckhorn cholla, yucca, creosote brush, ocotillo and saguaro cactus.</p>

Survey of a Portion of the Subdivision, T. 13 N., R. 12 W.

Chains	
	From the cor. of secs. 13, 14, 23 and 24.
	N. 89° 57' W., bet. secs. 14 and 23.
	Asc. 110 ft. over rolling and broken NE. slope, through desert vegetation.
28.80	Broken ridge, bears SE. and NW.; desc. 245 ft. over rolling W. slope.
40.05	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 14 and 23.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 10 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T13N R12W $\frac{1}{4}$ W $\overleftarrow{S14}$ C $\overleftarrow{S23}$ 1959
40.20	True point for the $\frac{1}{4}$ sec. cor. of secs. 14 and 23 falls on top of large rock, 8 ft. high, 6 ft. wide, 3 ft. thick, a drill hole at true point, 1 in. diam., 6 ins. deep; unsafe place for monument.
	Desc. 270 ft. over rolling and broken W. slope.
80.40	True point for the cor. of secs. 14, 15, 22 and 23.
	Land, rolling to broken.
	Soil, sandy and rocky.
	Timber, juniper and smokethorn.
	Undergrowth, jumping and buckhorn cholla, yucca and crosote brush.
	N. 0° 01' W., bet. secs. 14 and 15.
	Asc. 70 ft. over W. slope, through desert vegetation.
9.60	Road, bears NE. and SW.
24.50	Ridge, bears E. and NW.; desc. 60 ft. over broken E. slope.
38.20	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 14 and 15.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 17 ins. in the ground, and in a mound of stone to top, with brass cap mkd.
	T13N R12W $\frac{1}{4}$ W C S15 $\overleftarrow{S14}$ 1959
40.00	True point for the $\frac{1}{4}$ sec. cor. of secs. 14 and 15 falls in small draw, 2 ft. deep, 40 lks. wide, drains W.; unsafe place for monument.
	Asc. over broken W. slope.
72.70	Ridge spur, slopes SE.; desc. over NE. slope.
80.00	Point for the cor. of secs. 10, 11, 14 and 15.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 15 ins. in the ground, and in a mound of stone, 5 ft. base to top, with brass cap mkd.
	T13N R12W S10 S11 S15 S14 1959

Survey of a Portion of the Subdivision, T. 13 N., R. 12 W.

Chains

Land, rough and broken.
Soil, rocky.
Timber, yellow paloverde, smokethorn and cactclaw acacia.
Undergrowth, creosote brush, ocotillo and yucca.

From the cor. of secs. 11, 12, 13 and 14.

N. 89° 55' W., bet. secs. 11 and 14.

Over rolling and broken N. slope, through desert vegetation.

40.17 True point for the $\frac{1}{2}$ sec. cor. of secs. 11 and 14 falls in small draw draining N.; unsafe place for monument.

41.94 Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 11 and 14.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground, and in a mound of stone to top, with brass cap mkd.

T13N R12W
 $\frac{1}{4}$ $\frac{S11}{S14}$ W
C
1959

56.50 Wash, 6 ft. deep, 1 ch. wide, drains N.; road in bottom of wash, bears NE. and SW.; asc. over rolling and broken NE. slope.

80.34 The cor. of secs. 10, 11, 14 and 15.

Land, rolling and broken.
Soil, sandy.
Timber, yellow paloverde, juniper, smokethorn and catclaw acacia.
Undergrowth, creosote brush, ocotillo, yucca and jumping buckhorn.

N. 0° 01' W., bet. secs. 10 and 11.

Desc. over rolling and broken NE. slope.

24.30 Wash, 1 ft. deep, 40 lks. wide, drains W.; road in bottom of wash, bears SE. and NW.; asc. rolling and broken SE. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 10 and 11.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T13N R12W
 $\frac{1}{4}$
S10 | S11
1959

45.20 Ridge spur, slopes SE.; thence over rolling and broken E. slope.

62.50 Ridge spur, slopes NE.; thence over rolling and broken E. slope.

80.00 Point for the cor. of secs. 2, 3, 10 and 11.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T13N R12W
S 3 | S 2
S10 | S11
1959

Survey of a Portion of the Subdivision, T. 13 N., R. 12 W.

Chains

Land, rolling and broken.
Soil, sandy and rocky.
Timber, juniper and catclaw acacia.
Undergrowth, jumping and buckhorn cholla, yucca and creosote brush.

From the true point for the cor. of secs. 1, 2, 11 and 12.
N. 89° 52' W., bet. secs. 2 and 11.

0.40 Road in bottom of wash, bears NNE. and SSW.; asc. over E. slope.

2.00 Point selected for the witness cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.

T13N R12W
S 2 | S 1 W
S11 | S12 C
1959

Witness cor. falls on small ridge spur, slopes NNE.; asc. 140 ft. over rolling and broken NE. slope, through desert vegetation.

40.16 Point for the ¼ sec. cor. of secs. 2 and 11.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T13N R12W
¼ S 2
S11
1959

Asc. 280 ft. over rolling and broken NE. slope.

80.32 The cor. of secs. 2, 3, 10 and 11.

Land, rolling and broken.
Soil, sandy and rocky.
Timber, juniper and smokethorn.
Undergrowth, yucca, ocotillo and creosote brush.

N. 0° 09' E., bet. secs. 2 and 3.

Asc. 80 ft. over rocky SE. slope, through desert vegetation.

3.60 Ridge spur, slopes E.; desc. over rolling and broken E. slope.

40.00 Point for the ¼ sec. cor. of secs. 2 and 3.

Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T13N R12W
¼
S 3 | S 2
1959

Asc. over rolling and broken E. slope.

73.00 Ridge spur, slopes E.; desc. over rolling and broken NE. slope.

79.87 Intersect the N. bdy. of the township.

Survey of a Portion of the Subdivision, T. 13 N., R. 12 W.

Chains

Point for the closing cor. of secs. 2 and 3.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T14N R12W
 S34
 S 3 | S 2
 C C
 T13N R12W
 1959

From this cor., the cor. of secs. 34 and 35, T. 14 N., R. 12 W., monumented with an iron post, set, mkd. and witnessed as described in the official record, bears E., 36 lks. dist.

Land, rolling and broken.

Soil, sandy and rocky.

Timber, juniper and smokethorn.

Undergrowth, yucca, ocotillo and creosote brush.

The point for the N. ¼ sec. cor. of sec. 2, at midpoint and on the N. bdy. of the township.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

¼ S 2
 T13N R12W
 1959

From this cor., the ¼ sec. cor. of sec. 35, T. 14 N., R. 12 W., monumented with an iron post, set, mkd. and witnessed as described in the official record, bears E., 18 lks. dist.

The point for the N. ¼ sec. cor. of sec. 3, at midpoint and on the N. bdy. of the township.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., on bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

¼ S 3
 T13N R12W
 1959

From this cor., the ¼ sec. cor. of sec. 34, T. 14 N., R. 12 W., monumented with an iron post, set, mkd. and witnessed as described in the official record, bears E., 18 lks. dist.

From the true point for the standard cor. of secs. 33 and 34, on the S. bdy. of the township.

N. 0° 02' W., bet. secs. 33 and 34.

Asc. 320 ft. over rolling and broken S. slope, through desert vegetation.

Survey of a Portion of the Subdivision, T. 13 N., R. 12 W.

Chains	
4.60	Fence, bears NE. and SW.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 33 and 34. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd. T13N R12W $\frac{1}{4}$ S33 S34 1958 Asc. over S. slope.
41.20	Rim rock, bears NW. and SE.; thence desc. over rocky and broken E. slope.
80.00	Point for the cor. of secs. 27, 28, 33 and 34. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 14 ins. in the ground, and in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd. T13N R12W S28 S27 S33 S34 1958 Land, rough and broken. Soil, sandy and rocky. Timber, yellow paloverde and catclaw acacia. Undergrowth, jumping and buckhorn cholla and creosote brush.
	From the cor. of secs. 26, 27, 34 and 35. West, bet. secs. 27 and 34. Desc. 100 ft. over rocky W. slope.
23.70	Wash, 2 ft. deep, 40 lks. wide, drains SW.; asc. 100 ft. over rocky and broken E. slope.
28.80	Ridge spur, slopes SW.; desc. 140 ft. over rocky SW. slope.
39.89	Point for the $\frac{1}{4}$ sec. cor. of secs. 27 and 34. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd. T13N R12W $\frac{1}{4}$ $\frac{S27}{S34}$ 1958 Raise a mound of stone N. of cor. Desc. along S. slope.
43.10	Wash, 2 ft. deep, 40 lks. wide, from NE., drains W.; thence along bottom of wash.
53.30	Wash, from NE.
57.80	Wash from NNE., drains S.; asc. 50 ft. over rocky E. slope.
64.00	Ridge, bears N. and S.; desc. 60 ft. over W. slope.
75.40	Wash, 2 ft. deep, 60 lks. wide, drains S.; asc. 70 ft. over E. slope.

Survey of a Portion of the Subdivision, T. 13 N., R. 12 W.

Chains

79.78 The cor. of secs. 27, 28, 33 and 34.

Land, rough and broken.

Soil, sandy and rocky.

Timber, yellow paloverde and catclaw acacia.

Undergrowth, creosote brush, yucca, ocotillo and jumping and buckhorn cholla.

N. 89° 51' W., bet. secs. 28 and 33.

Asc. 20 ft. over E. slope.

1.50 Ridge spur, slopes N.; desc. 185 ft. over broken W. slope, through desert vegetation.

7.30 Fence, bears N. and S.

15.30 Wash, 1 ft. deep, 50 lks. wide, drains SW.; thence over rolling and broken S. slope.

33.10 Wash, 1 ft. deep, 40 lks. wide, drains S.; asc. 35 ft. over broken E. slope.

39.95 Point for the $\frac{1}{4}$ sec. cor. of secs. 28 and 33.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., on bedrock, and in a mound of stone, 5 ft. base to top, with brass cap mkd.

T13N R12W

$$\frac{1}{4} \frac{S28}{S33}$$

1958

Asc. over broken E. slope.

41.50 Ridge, bears N. and S.; desc. over rocky and broken W. slope.

52.50 Wash, 2 ft. deep, 40 lks. wide, drains S.; asc. 90 ft. over broken and rocky E. slope.

64.90 Rim rock, bears NE. and SE.; asc. 40 ft. over E. slope.

79.90 Intersect the cor. of secs. 28, 29, 32 and 33, monumented with an iron post, set, mkd. and witnessed as described in the official record.

Land, rough and broken.

Soil, sandy and rocky.

Timber, yellow paloverde and catclaw acacia.

Undergrowth, creosote brush, ocotillo and yucca.

From the cor. of secs. 27, 28, 33 and 34.

N. 0° 02' W., bet. secs. 27 and 28.

Desc. 30 ft. over broken NE. slope, through desert vegetation.

10.20 Wash, 1 ft. deep, 40 lks. wide, drains E.; asc. 100 ft. over rolling and broken S. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 27 and 28.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 15 ins. in the ground, and in a mound of stone, 5 ft. base to top, with brass cap mkd.

Survey of a Portion of the Subdivision, T. 13 N., R. 12 W.

Chains

T13N R12W.

$$\frac{1}{2}$$

S28	S27
1959	

Asc. 70 ft. over rocky and broken S. slope.

46.30 Ridge, bears E. and W.; thence over broken and rough S. slope.

80.00 Point for the cor. of secs. 21, 22, 27 and 28.

Set an iron post, 30 ins. long, 2½ ins. diam., on bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T13N R12W

S21	S22
S28	S27
1959	

Land, rough and broken.

Soil, sandy and rocky.

Timber, catclaw, acacia and smokethorn.

Undergrowth, yucca, saguaro cactus, jumping and buckhorn cholla, ocotillo and creosote brush.

From the cor. of secs. 22, 23, 26 and 27.

N. 89° 59' W., bet. secs. 22 and 27.

Desc. 50 ft. over rolling and broken SW. slope, through desert vegetation.

37.30 Wash, 2 ft. deep, 60 lks. wide, drains S.; thence over rolling and broken S. slope.

39.89 Point for the ½ sec. cor. of secs. 22 and 27.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T13N R12W

$$\frac{1}{2}$$

S22	S27
1959	

Thence over rolling and broken S. slope.

49.80 Wash, 1 ft. deep, 50 lks. wide, drains S.; thence asc. over rolling and broken S. slope.

66.40 Road, bears N. and S.; from this point, Airweed Spring bears S. 36° W., 4.60 chs. dist.

79.78 The cor. of secs. 21, 22, 27 and 28.

Land, rough and broken.

Soil, sandy and rocky.

Timber, yellow paloverde and catclaw acacia.

Undergrowth, jumping and buckhorn cholla, yucca, ocotillo and saguaro cactus.

Survey of a Portion of the Subdivision, T. 13 N., R. 12 W.

Chains

N. 89° 58' W., bet. secs. 21 and 28.

Asc. over NE. slope.

- 1.70 Ridge, bears N. and SE.; desc. 65 ft. over rocky W. slope.
- 9.60 Wash, 1 ft. deep, 50 lks. wide, drains SW.; over rolling and broken S. slope, through desert vegetation.
- 18.10 Spur, slopes SW.
- 23.10 Wash, drains SW. from NE.
- 30.80 Fence, bears N. and S.
- 39.85 True point for the $\frac{1}{4}$ sec. cor. of secs. 21 and 28 falls on E. slope of rock ledge; unsafe place for monument.
- 40.25 Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 21 and 28.
- Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T13N R12W

$\frac{1}{4}$ $\frac{S21}{S28}$ $\frac{W}{C}$
1959

Desc. 40 ft. over rolling SW. slope.

- 50.30 Wash, 1 ft. deep, 40 lks. wide, drains S.; asc. 300 ft. over rocky E. slope.
- 76.10 Ridge, bears NE. and SW.; desc. 140 ft. over rocky NW. slope.
- 79.70 Intersect the cor. of secs. 20, 21, 28 and 29, which is monumented with an iron post, set, mkd. and witnessed as described in the official record.
- Land, rough and broken.
Soil, sandy and rocky.
Timber, yellow paloverde and catclaw acacia.
Undergrowth, jumping and buckhorn cholla, yucca, ocotillo and saguaro cactus.

From the cor. of secs. 21, 22, 27 and 28.

N. 0° 02' W., bet. secs. 21 and 22.

Over rolling E. slope, through desert vegetation.

- 4.20 Ridge, bears E. and W.; desc. 50 ft. over rocky N. slope.
- 9.90 Wash, 1 ft. deep, 50 lks. wide, drains W.; asc. 70 ft. over rolling and broken S. slope.
- 22.80 Wash, drains W. from NE.
- 40.00 True point for the $\frac{1}{4}$ sec. cor. of secs. 21 and 22, falls in small wash draining SW.; unsafe place for monument.
- 42.50 Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 21 and 22.
- Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

Survey of a Portion of the Subdivision, T. 13 N., R. 12 West

Chains

T13N R12W

$$\frac{1}{4}$$

$$\begin{array}{c} S21 \downarrow S22 \\ W C \\ 1959 \end{array}$$

Witness cor. falls on small ridge bearing E. and SW.; desc. 20 ft. over N. slope.

- 45.80 Wash, 1 ft. deep, 50 ft. wide, drains SW.; asc. over rolling and broken SW. slope.
- 80.00 Point for the cor. of secs. 15, 16, 21 and 22, falls on SE. edge of large rock, 6x4x12 ft. high, above ground, inaccessible slope.
- Land, rough and broken.
Soil, sandy and rocky.
Timber, yellow paloverde, smokethorn and catclaw acacia.
Undergrowth, jumping and buckhorn cholla, yucca, ocotillo and saguaro cactus.

From the cor. of secs. 14, 15, 22 and 23.

N. 89° 55' W., bet. secs. 15 and 22.

Asc. over E. slope, through desert vegetation.

- 3.00 Small ridge, bears NW. and S.; desc. over rolling and broken W. slope.
- 5.00 Road, bears NNE. and SSW.
- 19.60 Wash, 1 ft. deep, 40 lks. wide, drains SW.; thence asc. over broken SW. slope.
- 24.60 Wash, 1 ft. deep, 40 lks. wide, drains SW.; asc. over rolling and broken S. slope.
- 39.89 Point for the $\frac{1}{4}$ sec. cor. of secs. 15 and 22.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, and in a mound of stone, $2\frac{1}{2}$ ft. base to top, with brass cap mkd.

T13N R12W

$$\frac{1}{4} \frac{S15}{S22}$$

1959

Asc. over broken S. slope.

- 79.78 True point for the cor. of secs. 15, 16, 21 and 22.

Land, rough and broken.
Soil, sandy and rocky.
Timber, yellow paloverde, catclaw acacia and smokethorn.
Undergrowth, jumping and buckhorn cholla, yucca, ocotillo and saguaro cactus.

West, bet. secs. 16 and 21.

Asc. 170 ft. over broken E. to SE. slope.

- 26.10 Ridge spur, slopes SW.; desc. 325 ft. over broken W. slope.
- 39.00 Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 16 and 21.

Survey of a Portion of the Subdivision, T. 13 N., R. 12 W.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., on bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T13N R12W
 ½ W ← S16
 C ← S21
 1959

39.95 True point for the ½ sec. cor. of secs. 16 and 21 falls in small wash draining NW.; desc. 45 ft. over broken W. slope.

51.70 Fence, bears N. and S.

79.90 Intersect the cor. of secs. 16, 17, 20 and 21, which is monumented with an iron post, set, mkd. and witnessed as described in the official record.

Land, rough and broken.
 Soil, sandy and rocky.
 Timber, yellow paloverde and catclaw acacia.
 Undergrowth, jumping and buckhorn cholla.

From the true point for the cor. of secs. 15, 16, 21 and 22.

N. 0° 02' W., bet. secs. 15 and 16.

0.95 Point selected for the witness cor. of secs. 15, 16, 21 and 22.

Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T13N R12W
 S16 | S15
 S21 | S22
 W C
 1959

Asc. 210 ft. over rocky and broken SW. slope, through desert vegetation.

21.60 Ridge spur, slopes NW.; desc. 300 ft. over rocky and broken N. slope.

40.00 True point for the ½ sec. cor. of secs. 15 and 16, falls in small wash, 1 ft. deep, 30 lks. wide, drains NW.; unsafe place for monument.

42.20 Point selected for the witness ½ sec. cor. of secs. 15 and 16.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T13N R12W
 ½
 S16 ↓ S15
 W C
 1959

Raise a mound of stone, 3 ft. base, W. of cor.

Desc. 40 ft. over rocky and broken NW. slope.

44.70 Wash, 1 ft. deep, 70 lks. wide, drains W.; asc. over rocky and broken W. slope.

61.50 Wash, 1 ft. deep, 40 lks. wide, drains SW.; asc. 155 ft. over rocky and broken SW. slope.

Survey of a Portion of the Subdivision, T. 13 N., R. 12 W.

Chains	
77.00	Ridge spur, slopes SW.; desc. 15 ft. over NW. slope.
80.00	Point for the cor. of secs. 9, 10, 15 and 16. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> T13N R12W S 9 S10 S16 S15 1959 </div> Raise a mound of stone, 3 ft. base, W. of cor. Land, rough and broken. Soil, sandy and rocky. Timber, yellow paloverde. Undergrowth, jumping and buckhorn cholla, yucca, ocotillo and saguaro cactus.
	From the cor. of secs. 10, 11, 14 and 15. N. 89° 56' W., bet. secs. 10 and 15. Asc. 65 ft. over rocky NE. slope, through desert vegetation.
6.90	Top of ascent on N. slope; desc. 125 ft. over rocky NW. slope.
18.40	Wash, 2 ft. deep, 30 lks. wide, drains SW.; asc. 60 ft. over rocky SE. slope.
39.96	Point for the ¼ sec. cor. of secs. 10 and 15. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> T13N R12W ¼ S10 S15 1959 </div> Raise a mound of stone, 3 ft. base, N. of cor. Desc. 180 ft. over rocky NW. slope.
58.30	Wash, 1 ft. deep, 40 lks. wide, drains SW.; thence over rolling S. slope.
66.40	Wash, 1 ft. deep, 30 lks. wide, drains SW.; asc. 125 ft. over rocky SE. slope.
74.80	Ridge spur, slopes SW.; desc. 80 ft. over W. slope.
79.92	The cor. of secs. 9, 10, 15 and 16. Land, rough and broken. Soil, sandy and rocky. Timber, yellow paloverde. Undergrowth, jumping and buckhorn cholla, yucca, ocotillo, creosote brush and saguaro cactus.

Survey of a Portion of the Subdivision, T. 13 N., R. 12 W.

Chains	
	N. 89° 58' W., bet. secs. 9 and 16.
	Desc. 20 ft. over W. slope, through desert vegetation.
1.65	Small wash, drains SW.; asc. 50 ft. over rocky SE. slope.
11.00	Ridge, bears NE. and SW.; desc. 250 ft. over rocky NW. slope.
39.87	Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 16.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 16 ins. in the ground, and in a mound of stone to top, with brass cap mkd.
	T13N R12W $\frac{1}{4}$ $\frac{S 9}{S16}$ 1959
	Desc. 65 ft. over rocky NW. slope.
46.20	Wash, 1 ft. deep, 70 lks. wide, drains SW.; thence over rolling and broken SE. slope.
79.74	Intersect the cor. of secs. 8, 9, 16 and 17, which is monumented with an iron post, set, mkd. and witnessed as described in the official record.
	Land, rough and broken. Soil, sandy and rocky. Timber, yellow paloverde and smokethorn. Undergrowth, jumping and buckhorn cholla, ocotillo, yucca and saguaro cactus.
	From the cor. of secs. 9, 10, 15 and 16.
	N. 0° 02' W., bet. secs. 9 and 10.
	Asc. over S. slope, through desert vegetation.
5.10	Ridge, bears NE. and SW.; desc. 125 ft. over rocky N. slope; from this point a small spring bears N. 30° 50' W., 8.30 chs. dist.
10.40	Wash, 3 ft. deep, 40 lks. wide, drains SW.; asc. 40 ft. over rolling and broken W. slope.
22.50	Road, bears E. and W.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 10.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 14 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T13N R12W $\frac{1}{4}$ S 9 S10 1959
	Cor. falls on SE. slope of small spur sloping SW.
	Asc. over rolling and rocky S. slope.
49.50	Asc. 310 ft. over steep rocky and broken S. slope.
62.80	Ridge, bears E. and W.; desc. 245 ft. over rocky and broken N. slope.
79.50	Small wash, drains NW.; asc. SW. slope.

Survey of a Portion of the Subdivision, T. 13 N., R. 12 W.

Chains	
80.00	<p>Point for the cor. of secs. 3, 4, 9 and 10.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., on bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T13N R12W S 4 S 3 S 9 S10 1959</p> <p>Land, rough and broken. Soil, sandy and rocky. Timber, yellow paloverde and catclaw. Undergrowth, jumping and buckhorn cholla, yucca, ocotillo and saguaro cactus.</p>
	<p>From the cor. of secs. 2, 3, 10 and 11.</p> <p>N. 89° 51' W., bet. secs. 3 and 10.</p> <p>Asc. 260 ft. over rocky and broken SE. slope.</p>
12.50	Ridge spur, slopes SE.; desc. 350 ft. over rough and broken WSW. slope.
39.93	<p>Point for the ¼ sec. cor. of secs. 3 and 10.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T13N R12W ¼ S 3 S10 1959</p>
79.86	<p>The cor. of secs. 3, 4, 9 and 10.</p> <p>Land, rough and broken. Soil, sandy and rocky. Timber, yellow paloverde and catclaw acacia. Undergrowth, jumping and buckhorn cholla, yucca, ocotillo and saguaro cactus.</p>
	<p>S. 89° 55' W., bet. secs. 4 and 9.</p> <p>Asc. 20 ft. over rocky NE. slope, through desert vegetation.</p>
4.80	Ridge, bears NW. and SE.; desc. 170 ft. over broken SW. slope.
7.60	Fence, bears N. 30° E. and S. 30° W.
39.85	<p>Point for the ¼ sec. cor. of secs. 4 and 9.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T13N R12W ¼ S 4 S 9 1959</p> <p>Asc. 70 ft. over broken SE. slope.</p>
45.50	Spur, slopes SSW.; desc. 190 ft. over broken S. to SW. slope.
77.50	Ridge, bears NE. and SW.; desc. 40 ft. over rocky NW. slope.

Survey of a Portion of the Subdivision, T. 13 N., R. 12 W.

Chains

- 79.70 Intersect the cor. of secs. 4, 5, 8 and 9, which is monumented with an iron post, set, mkd. and witnessed as described in the official record.
- Land, rough and broken.
Soil, sandy and rocky.
Timber, yellow paloverde, catclaw acaia and smokethorn.
Undergrowth, jumping and buckhorn cholla, yucca, ocotillo and saguaro cactus.
-
- From the cor. of secs. 3, 4, 9 and 10.
N. 0° 12' E., bet. secs. 3 and 4.
Desc. 60 ft. over rolling and broken NW. slope, through desert vegetation.
- 5.00 Fence, bears N. 30° E. and S. 30° W.
- 7.70 Wash, 1 ft. deep, 40 lks. wide, drains NW.; thence over rolling and broken W. slope; asc. S. slope.
- 35.60 Spur ridge, bears E. and W.; desc. N. slope.
- 39.50 Small wash, drains W.; asc. over S. slope.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 3 and 4.
Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam.; on bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
- T13N R12W
 $\frac{1}{4}$
S 4 | S 3
1959
- Asc. 110 ft. over S. slope.
- 47.40 Ridge, bears W. and E.; desc. 100 ft. over N. slope.
- 55.00 Wash, 2 ft. deep, 30 lks. wide, drains W.; asc. 100 ft. over rolling and broken W. slope.
- 69.10 Ridge, bears W. and E.; desc. over rolling and broken W. slope.
- 79.72 Intersect the N. bdy. of the township at the cor. of secs. 3, 4, 33 and 34, which is monumented with an iron post, set, mkd. and witnessed as described in the official record.
- Land, rough and broken.
Soil, sandy and rocky.
Timber, yellow paloverde and catclaw acacia.
Undergrowth, jumping and buckhorn cholla, yucca, ocotillo and saguaro cactus.

GENERAL DESCRIPTION

The land within T. 13 N., R. 12 W. is principally rough and broken mountains. The land in secs. 1, 2, 11, 12 and 13, in sec. 3 east of Greenwood Peak, and in secs. 13 and 24 north of Arrasted Mountain Range, has a northeasterly exposure and drainage towards Burro Creek. Secs. 4, 9, 10, 15, 16 and sec. 3 west of Greenwood Peak has a westerly exposure and drainage towards the Big Sandy river. Secs. 21, 22, 23, 25, 26, 27, 28, 33, 34, 35, 36 and sec. 24

Township 13 North, Range 12 West

Chains

south of Arrasted Mountain Range has a southerly exposure and drainage towards the Big Sandy River. The elevation of the township ranges from about 3000 ft. on the north boundary of sec. 1 to about 5500 ft. above sea level on Greenwood Peak.

The soil is principally sandy, with numerous rock outcrops, covered with timber of yellow paloverde, catclaw acacia, smokethorn and juniper. The undergrowth consists of creosote brush, ocotillo, yucca, jumping and buckhorn cholla and saguaro cactus.

There are two dirt roads in the township. One bears east and west from the east boundary of sec. 12 and the west boundary of sec. 9, the other from the north boundary of sec. 1 and south to a small spring, Airweed Spring, in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ of sec. 27. There are a few other unimproved trail roads in the township.

The only water noted in the township came from two springs, Airweed Spring in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ of sec. 27, and a small spring in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of sec. 9. There are probably some small intermittent seeps, although none were noted during the progress of this survey.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Darwin L. Turner	Transitman
Max E. Swindle	Note keeper
Paul D. Hanson	Chainman
James R. Munson	Flagman
Leland C. Allan	Cornerman
George H. Cornell	Truckdriver and Axeman

CERTIFICATE OF CADASTRAL ENGINEER

I, DeWitt A. Crain, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 7th day of March, 1958, I have ~~surveyed~~ dependent resurveyed a portion of the Third Standard Parallel North in R. 12 W., and surveyed a portion of the subdivision, Township 13 North, Range 12 West

of the Gila & 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 instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

August 17, 1959
Salt Lake City, Utah

DeWitt A. Crain
DeWitt A. Crain, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., NOV 18 1959, 19

The foregoing field notes of the ~~survey of~~ dependent resurvey of a portion of the Third Standard Parallel North in R. 12 W. and the survey of a portion of the subdivision, Township 13 North, Range 12 West, Gila and Salt River Meridian, Arizona

executed by DeWitt A. Crain, Cadastral Surveyor
having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

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.

Cadastral Engineering Staff Officer.