

4090

ORIGINAL

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Book "D"

4-679  
(April 1933)

BOOK 4090

# FIELD NOTES

OF THE RESURVEY OF

4090

the South Boundary,

Part of the East Boundary and

Part of the West Boundary of

Township 14 North, Range 5 West.

AND OF THE SURVEY OF

Part of the SUBDIVISION LINES of

Township 14 North, Range 5 West.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Benjamin J. Kinsey, U. S. Surveyor.

4090

Under special instructions dated August 31, 1933, which provided for the surveys included under Group No. 186 Arizona, bearing the approval of the Commissioner of the General Land Office under date of September 22, 1933 and assignment instructions dated November 21, 1933.

Resurvey and Survey commenced March 1, 1934

Resurvey and Survey completed April 1, 1934

# INDEX DIAGRAM.

Township \_\_\_\_\_, Range \_\_\_\_\_

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The resurveys and surveys herein described were executed by Benjamin J. Kinsey, U.S. Surveyor, using Buff transit No. 18,000. The instrument is equipped with the Smith solar attachment and otherwise conforms to the standard requirements of the General Land Office. The instrument was inspected and approved by the District Cadastral Engineer, of Arizona and California, conditional upon satisfactory field tests.

All azimuths are accomplished with the solar attachment, except the special observation upon the sun for a meridian upon which to test the solar apparatus.

All measurements are made with a Lufkin steel tape, 5 chs. in length, compared with a Lufkin standard and found correct. The measurements are made on the slope, the vertical angle determined, and slope measurements properly reduced to true horizontal values.

PRELIMINARY FIELD TEST

of

Buff transit No. 18,000

By

Benjamin J. Kinsey, U.S. Surveyor.

February, 27, 1934, at station in center of sec. 15, T. 13 N., R. 5 W., G. & S. R. B. and M., Arizona, in latitude  $34^{\circ}28'$  N., and approximate longitude  $112^{\circ}47'00''$  W., examine the adjustments of the instrument and find no errors; then to test the workings of the solar apparatus, proceed as follows:

At 9h.07m., p.m., l.n.t., observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and marking the mean point in the line thus determined by a tack set in top of a peg, driven firmly in the ground about 5 chs. N.,

Azimuth of Polaris at western elongation:  $1^{\circ}16'00''$ .

Feb. 28: daylight; lay off azimuth of Polaris  $1^{\circ}16'00''$  to the east and mark the meridian thus determined by a nail set in top of a peg, driven firmly in the ground about 5 chs. North.

At 9h.00m., a.m., app. t., set off  $34^{\circ}28'$  N., on latitude arc,  $8^{\circ}01'$  S. on decl. arc, and determine a meridian with the solar which agrees with the true meridian.

At 12h.00m., app. noon, with lat. arc unchanged, observe the sun on the meridian; the resultant reading of the decl. arc is  $7^{\circ}59'$  S., which agrees with the computed declination of the sun.

At 3h.00m., p.m., app. t., with lat. arc unchanged, set off  $7^{\circ}56'$  S., on the decl. arc and determine a meridian with the solar which agrees with the true meridian.

As all of the observations taken, agree within 1' of the true meridian, conclude that the instrument is in a satisfactory state of adjustment.

OBSERVATION  
for  
TIME and LATITUDE  
by  
Benjamin J. Kinsey,  
U.S. Surveyor,  
using

Buff transit No. 18,000.

February, 28, 1934: at station in sec. 15, T.13 N., R.4 W. described on page 1 hereof, I make a meridian observation of the sun for time and latitude, observing simultaneously the altitude of the suns lower limb, and the transit of the suns west limb, reversing the telescope and observing simultaneously the altitude of the suns upper limb and the transit of the suns east limb:

Mean observed altitude:  $47^{\circ}32'07''$ .

Reduced latitude :  $34^{\circ}28'09''$ .

Mean watch time of observation: 12h. 48m. 47s.

Watch fast of local mean time: 36m. 02s.

Suns position.

Direct:



Reversed:



## RESURVEY OF THE SOUTH BDY. OF T. 14 N., R. 5 W. BOOK 4090

## Chains

The East 4 miles of the S. bdy. of T. 14 N., R. 5 W., were surveyed in 1872 by S.W. Foreman, U.S.D.S., establishing common reference corners thereon, at 40 ch. intervals, counting from the east.

The West 2 miles of the S. bdy. of T. 14 N., R. 5 W., were surveyed in 1910 by J.F. Hesse, U.S.S., establishing common reference corners thereon, at 40 ch. intervals, counting from the east.

The following notes describe a dependent resurvey of the entire line reestablishing all missing corners by proportional measurements between existing corners, and with reference to areas S. of line only, and establishing a complete set of corners for reference to areas N. of line at 40 ch. intervals in departure, counting from the east.

## RETRACEMENT FOR RESURVEY

300.40 From cor. of Ts. 13 and 14 N., Rs. 4 and 5 W. West, on random line, searching diligently at record intervals for the original corners, setting temp. cors. at such intervals, and fail to find any old corners until at  
Intersect N. and S. line, 90 lks. N. of original cor. of secs. 4, 5, 32 and 33.  
True course and dist. of this part of Tp. bdy. are therefore  
S.89°50'W., 300.40 chs., which, to maintain original proportions bet. cor. intervals, gives 8 intervals of 37.55 chs. each for the reestablishment of the missing corners.

40.01 From original cor. of secs. 4, 5, 32 and 33. West, on random line, on N. bdy. of sec. 5. (E.  $\frac{1}{2}$ )  
Intersect N. and S. line, 4 lks. N. of original  $\frac{1}{4}$  sec. cor.  
True course and dist.; S.89°57'W., 40.01 chs.

39.88 Thence West, on random line, on N. bdy. of sec. 5. (W.  $\frac{1}{2}$ )  
Intersect N. and S. line, 3 lks. N. of orig. cor. of secs. 5, 6, 31 and 32.  
True course and dist.; S.89°57'W., 39.88 chs.

39.91 West, on random line, on N. bdy. of sec. 6. (E.  $\frac{1}{2}$ )  
Intersect N. and S. line, 3 lks. N. of orig.  $\frac{1}{4}$  sec. cor. of secs. 6 and 31.  
True course and dist.; S.89°57'W., 39.91 chs.

39.74 Thence West, on random line, on N. bdy. of sec. 6. (W.  $\frac{1}{2}$ )  
Intersect N. and S. line, 3 lks. N. of orig. cor. of Ts. 13 and 14 N., Rs. 5 and 6 W.  
True course and dist.; S.89°57'W., 39.74 chs.

## RESURVEY

From the cor. of Ts. 13 and 14 N., Rs. 4 and 5 W., which is an iron post, 3 ins. diam., projecting 12 ins. above ground, firmly set, marked on brass cap and witnessed as described in the official record.

S.89°50'W., on true line, on S. bdy. of sec. 36.

Over mountainous land, through scattering timber and dense undergrowth.

Asc. 17 ft. over E. slope.

## Resurvey of the South Bdy. of T. 14 N., R. 5 W.

Chains	
5.00	Ridge, bears NW. and SE.; desc. 140 ft. over gradual SW. slope.
13.50	Trail, bears NW. and SE.
27.00	Desc. 73 ft. over steep SW. slope.
37.55	(Proportional dist.) Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, with a stone $1\frac{1}{2} \times 3 \times 4$ ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 1, only, with brass cap marked
	<hr style="width: 10%; margin: auto;"/> $\frac{1}{4}$ S 1 1934 No suitable bearing trees available.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, with a stone $2 \times 2 \times 2$ ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 36 only, with brass cap marked
	<hr style="width: 10%; margin: auto;"/> $\frac{1}{4}$ S36 1934 No suitable bearing trees available.
	Desc. 17 ft. over SW. slope.
45.00	Draw, course SE.; asc. 13 ft. over SE. slope.
55.00	Spur, slopes S.; desc. 450 ft. over SW. slope.
63.00	NE. cor. of corral, bears S. $78^{\circ}28'W$ .
75.10	(Proportional dist.) Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground to bedrock, with a stone $2 \times 2 \times 3$ ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 1 and 2 only, with brass cap marked
	T14N R5W S36 <hr style="width: 10%; margin: auto;"/> S2   S1 T13N   R5W 1934 No suitable bearing trees available.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., on bedrock, with a stone $1\frac{1}{2} \times 2 \times 3$ ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 35 and 36 only, with brass cap marked
	T14N R5W S35   S36 <hr style="width: 10%; margin: auto;"/> T13N S2 1934 No suitable bearing trees available. Land, mountainous. Soil, rocky, 4th rate. Timber, juniper. Undergrowth, oak brush.

## Resurvey of the South Bdy. of T. 14 N., R. 5 W.

Chains	S. $89^{\circ}50'W.$ , on true line on S. bdy. of sec. 35. Over mountainous land, through scattering timber and dense undergrowth. Desc. 563 ft. over SW. slope.
32.65	(Proportional dist.) Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, with a stone 2x3x4 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{2}$ sec. cor. of sec. 2 only, with brass cap marked  <u><math>\frac{1}{2}</math> S 2</u> 1934  No suitable bearing trees available.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, with a stone 1x2x3 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{2}$ sec. cor. of sec. 35 only, with brass cap marked  <u><math>\frac{1}{2}</math> S 35</u> 1934  No suitable bearing trees available. Continue desc. of 123 ft. over SW. slope.
46.30	Trail, bears N. and S.
47.30	Wash, 56 lks. wide, course SW.; asc. 128 ft. over SE. slope. Saddle in spur, bears N. about 4 chs. dist.
55.70	S. edge of knoll on spur, slopes SW.; desc. 221 ft. over SW. slope.
66.30	Wash, 30 lks. wide, course SW.; asc. 12 ft. over SE. slope.
68.90	Low point on spur, slopes SW.; desc. 14 ft. over W. slope.
70.20	(Proportional dist.) True point for cor. of secs. 2 and 3 only, falls in wash, 15 lks. wide, course S.; where it is impracticable to monument the corner.
70.50	(30 lks. S. $89^{\circ}50'W.$ , of true point) Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bedrock with a stone 1x4x4 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for witness cor., of sec. 2 and 3 only, with brass cap marked  T14N R5W S 35 <u>S3</u> S2 W T13N R5W C  1934  No suitable bearing trees available. Asc. 104 ft. over SE. slope.

## Resurvey of the South Bdy. of T. 14 N., R. 5 W.

Chains	
80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock, with a stone 2x2x4 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 34 and 35 only, with brass cap marked</p> <p style="text-align: center;"> <math display="block">\begin{array}{c} T14N R5W \\ S34   S35 \\ \hline T13N \\ S3 \\ 1934 \end{array}</math> </p> <p>No suitable bearing trees available.</p> <p>Land, mountainous. Soil, rocky, 4th rate. Timber, juniper. Undergrowth, oak brush.</p>
	<p>S.89°50'W., on true line on S. bdy. of sec. 34.</p>
	<p>Over mountainous land, through scattering undergrowth.</p>
	<p>Asc. 38 ft. over SE. slope.</p>
8.80	<p>Top of spur, slopes SW.; desc. 89 ft. over W. slope.</p>
18.90	<p>Wash, 5 lks. wide, course SW.; asc. 80 ft. over SE. slope.</p>
27.75	<p>(Proportional dist.) Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, with a stone 3x4x4 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for <math>\frac{1}{4}</math> sec. cor. of sec. 3 only, with brass cap marked</p> <p style="text-align: center;"> <math display="block">\frac{1}{4} S 3</math> </p> <p style="text-align: center;">1934.</p> <p>No suitable bearing trees available.</p>
35.15	<p>Spur, slopes SW.; desc. 14 ft. over W. slope.</p>
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, with a stone 2x2x3 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for <math>\frac{1}{4}</math> sec. cor. of sec. 34 only, with brass cap marked</p> <p style="text-align: center;"> <math display="block">\frac{1}{4} S 34</math> </p> <p style="text-align: center;">1934</p> <p>No suitable bearing trees available.</p>
47.20	<p>Wash, 10 lks. wide, course S.; asc. 33 ft. over SE. slope.</p>
51.30	<p>Point of spur, slopes SW.; desc. 37 ft. over W. slope.</p>
58.25	<p>Wash, 5 lks. wide, course S.; asc. 102 ft. over SE. slope.</p>
65.30	<p>(Proportional dist.) Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, with a stone</p>

Resurvey of the South Bdy. of T. 14 N., R. 5 W.

BOOK 4000

## Chains

2x4x6 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 3 and 4 only, with brass cap marked

T14N R5W

S 34

S4	S3
T13N	R5W

1934

No suitable bearing trees available.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bedrock, over a cross (+) marked thereon, and in a mound of stone to top, for cor. of secs. 33 and 34 only, with brass cap marked

T14N R5W

S33 | S34

S4

T13N R5W

1934

No suitable bearing trees available.

Land, mountainous.  
Soil, rocky, 4th rate.  
Timber, juniper.  
Undergrowth, oak brush.

S.89°50'W., on true line on S. bdy. of sec. 33.

Over mountainous land, through scattering timber and dense undergrowth.

Asc. 15 ft. over SE. slope.

8.00 Spur, slopes SW.; desc. 157 ft. over W. slope.

17.10 Wash, 10 lks. wide, course SW.; asc. 72 ft. over SE. slope.

22.85 (Proportional dist.) Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, with a stone 1x2x4 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. of sec. 4 only, with brass cap marked

$\frac{1}{4}$ S 4
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1934

No suitable bearing trees available.

27.65 Spur, slopes SW.; desc. 90 ft. over NW. slope.

31.60 Trail, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, with a stone 2x3x4 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. of sec. 33 only, with brass cap marked

## Resurvey of the South Bdy. of T. 14 N., R. 5 W.

Chains

1/4 S 33

1934

No suitable bearing trees available.

44.95 S. edge of wash, from NE. to W.; asc. 9 ft. over NE. slope

48.00 Point of spur, slopes NW.; desc. 48 ft. over NW. slope.

50.35 Same wash, 15 lks. wide, course from E. to SW.; asc. 91 ft. over SE. slope.

60.40 Intersset original cor. of secs. 4, 5, 32 and 33, which is a stone 8x10x6 ins. above ground, firmly set, with mound of stone W., marked with 4 notches on E. edge and 2 notches on W. edge.

Reconstruct this cor. monument with altered reference as follows:

Alongside old stone

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to bedrock, with a stone 4x4x5 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 4 and 5 only, with brass cap marked

T14N R5W

S33

S5 | S4

T13N R5W

1934

No suitable bearing trees available.

Thence

S. 89° 57' W., on true line, continuing measurement.

Asc. 64 ft. over SE. slope.

79.90 Spur, slopes SW.; desc. over W. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock, with a stone 2x3x4 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 32 and 33 only, with brass cap marked

T14N R5W

S32 | S33

S5

T13NR5W

1934

No suitable bearing trees available.

Land, mountainous.  
Soil, rocky, 4th rate.  
Timber, juniper.  
Undergrowth, oak brush.

## Resurvey of the South Bdy. of T. 14 N., R. 5 W.

BOOK 4007

## Chains

S. 89° 57' W., on true line, on S. bdy. of sec. 32.

Over mountainous land, through scattering timber and undergrowth.

Desc. 260 ft. over W. slope.

19.70 Wash, 30 lks. wide, course SW.; asc. 60 ft. over E. slope.

20.41 Intersect original  $\frac{1}{4}$  sec. cor. of secs. 5 and 32, which is a malpais stone 8x12x7 ins. above ground, firmly set, marked on N. face and witnessed by mound of stone N.

Reconstruct this cor. monument with altered reference as follows:

Alongside old stone,

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, with a stone 4x5x2 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. of sec. 5 only, with brass cap marked

$\frac{1}{4}$  S 5

1934

Destroy old mound of stone N. of cor.

Asc. 211 ft. over SE. slope.

28.91 Spur, slopes S.; desc. 68 ft. over SW. slope.

33.16 Draw, course S.; asc. 92 ft. over E. slope.

33.71 Trail, bears N. and S.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, with a stone 6x4x3 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. of sec. 32 only, with brass cap marked

$\frac{1}{4}$  S 32

1934

No suitable bearing trees available.

45.00 Spur, slopes S.; desc. 440 ft. over W. slope.

60.21 Trail, bears N. and S.

60.29 Intersect original cor. of secs. 5, 6, 31 and 32, which is a stone 6x12x8 ins. above ground, firmly set, marked with 5 notches on E. edge and 1 notch on W. edge. No accessories.

Reconstruct this cor. monument with altered reference as follows:

Alongside old stone,

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, with a stone 2x3x4 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 5 and 6 only, with brass cap marked

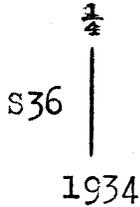
## Resurvey of the South Bdy. of T. 14 N., R. 5 W.

Chains	
	<p style="text-align: center;">T14N R5W S32 <hr/>S6   S5 T13N R5W</p> <p style="text-align: center;">1934</p> <p style="text-align: center;">No suitable bearing trees available.</p>
61.79	Cottonwood Creek, 5 lks. wide, course S. (running water). Asc. 235 ft. over E. slope.
77.89	Rim of mesa, bears N. and S.; asc. gradual E. slope.
78.00	Trail, bears N. and S.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, with a stone 2x3x3 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 31 and 32 only, with brass cap marked
	<p style="text-align: center;">T14N R5W S31   S32 <hr/>S6 T13N R5W</p> <p style="text-align: center;">1934</p> <p style="text-align: right;">from which</p> <p>A cedar, 8 ins. diam., bears N. 52<math>\frac{1}{2}</math>° W., 223 lks. dist., mkd. T14N R5W S31 BT.</p> <p>No other bearing trees available.</p> <p>Land, mountainous. Soil, rocky, 4th rate. Timber, juniper. Undergrowth, oak brush.</p>
	<p>S. 89° 57' W., on true line, on S. bdy. of sec. 31.</p> <p>Over rolling land, through scattering timber and undergrowth.</p> <p>Asc. gradual E. slope.</p>
5.00	Spur, slopes SE.; desc. 46 ft. over W. slope.
20.20	Intersect original $\frac{1}{4}$ sec. cor. of secs. 6 and 31, which is a stone 8x12x14 ins. above ground, firmly set, marked $\frac{1}{4}$ on N. face and witnessed by mound of stone N. of cor.
	<p>Reconstruct this cor. monument with altered reference as follows:</p> <p>Alongside old stone, set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock, in a mound of stone to top, for <math>\frac{1}{4}</math> sec. cor. of sec. 6 only, with brass cap marked</p>
	<p style="text-align: center;"><hr/><math>\frac{1}{4}</math> S 6 1934</p>

## Resurvey of the South Bdy. of T. 14 N., R. 5 W. BOOK

Chains	Destroy old mound of stone N. of cor.
22.00	Rim of canyon, bears N. and S.; desc. 243 ft. over steep W. slope.
31.53	Wash, 20 lks. wide, course SW.; asc. 214 ft. over SE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, with a stone 1x2x3 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 31 only, with brass cap mkd.
	$\frac{1}{4}$ S 31
	1934
	No suitable bearing trees available.
45.00	Rim of canyon, bears NE. and SW. Thence over rolling mesa.
59.94	Intersect the original cor. of Ts. 13 and 14 N., Rs. 5 and 6 W., which is a stone 14x10x12 ins. above ground, firmly set, marked with 6 notches on S., N., E. and W. faces; 5 W. on SE., 14 N. on NE., 13 N. on SW. and 6 W. on NW. faces, and witnessed by a mound of stone S. of cor.
	Land, rolling and mountainous.
	Soil, rocky, 4th rate.
	Timber, juniper.
	Undergrowth, oak brush.
RESURVEY OF PART (S $\frac{1}{2}$ ) E. BDY. T. 14 N., R. 5 W.	
The E. bdy. of T. 14 N., R. 5 W., was surveyed in 1874 by C.B. Foster, U.S.D.S., establishing common reference corners thereon, at 40 ch. intervals, counting from the south. The entire line was resurveyed in 1915 by J.F. Hesse, U.S.S., reconstructing all existing corners and reestablishing all missing corners by proportional measurement to refer to areas E. of line only. No subsequent retracement of resurvey of any part of this line is of record.	
The following notes describe a resurvey of the S $\frac{1}{2}$ of the E. bdy. of T. 14 N., R. 5 W., establishing corners referring to areas W. of line only, at 40 ch. intervals in latitude, counting from the south.	
RETRACEMENT FOR RESURVEY.	
41.69	From the cor. of Ts. 13 and 14 N., Rs. 4 and 5 W. N.1°11'W., on random line, on W. bdy. of sec. 31. (S $\frac{1}{2}$ ) Intersect $\frac{1}{4}$ sec. cor. of sec. 31. True course and dist.; N.1°11'W., 41.69 chs.
41.69	Thence N.1°11'W., on random line, on W. bdy. of sec. 31. (N $\frac{1}{2}$ ) Intersect cor. of secs. 30 and 31. True course and dist.; N.1°11'W., 41.69 chs.
41.69	N.1°11'W., on random line, on W. bdy. of sec. 30. After diligent search, fail to find trace of original $\frac{1}{4}$ sec. cor. of sec. 30. Set temp. $\frac{1}{4}$ sec. cor.
83.72	Intersect cor. of secs. 19 and 30. True course and dist.; N.1°11'W., 83.72 chs.

Resurvey of Part (S.  $\frac{1}{2}$ ) of East Bdy. of T. 14 N., R. 5 W.

Chains	N.0°46'W., on random line, on W. bdy. of sec. 19. (S. $\frac{1}{2}$ )
41.54	Intersect $\frac{1}{2}$ sec. cor. of sec. 19. True course and dist.; N.0°46'W., 41.54 chs.
42.03	N.1°08'W., on random line, on W. bdy. of sec. 19. (N. $\frac{1}{2}$ ) Intersect cor. of secs. 18 and 19. True course and dist.; N.1°08'W., 42.03 chs.
RESURVEY	
From the cor. of Ts. 13 and 14 N., Rs. 4 and 5 W., which is an iron post, 3 ins. diam., projecting 12 ins. above ground, firmly set, with brass cap marked and witnessed as described in the official record.	
N.1°11'W., on true line, on E. bdy. of sec. 36.	
Over mountainous land, through scattering timber and dense undergrowth.	
Desc. 31 ft. over NE. slope.	
2.50	Edge of mesa,; desc. 411 ft. over steep N. slope.
22.90	Draw, course E.; asc. 51 ft. over SE. slope.
32.80	Spur, slopes E.; desc. 152 ft. over NE. slope.
39.90	Draw, course E.
40.01	(40.00 chs. N. latitude) Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, with a stone 2xlx5 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{2}$ sec. cor. of sec. 36 only, with brass cap marked
	
No suitable bearing trees available.	
Asc. 57 ft. over SE. slope.	
41.69	Intersect $\frac{1}{2}$ sec. cor. of sec. 31 only, which is an iron post, 1 in. diam., projecting 14 ins. above ground, with brass cap marked and witnessed as described in the official record.
46.90	Spur, slopes NE.; desc. 765 ft. over NW. slope.
63.50	Intersect line of old fence posts, bearing E. and W. At 10 lks. E. of this point is a fence cor. from which fence extends N.
73.23	Wash, 5 lks. wide, course NE.; desc. 34 ft. over NE. slope.
80.02	(80.00 chs. N. latitude) Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock, with a stone 2x3x5 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 25 and 36 only, with brass cap marked

Resurvey of Part (S.  $\frac{1}{2}$ ) of East Bdy. of T. 14 N., R. 5 W. BOOK 4000

Chains

T14N	
S25	R4W
S36	S31
R5W	

1934

No suitable bearing trees available.

Land, mountainous.  
Soil, rocky, 4th rate.  
Timber, juniper.  
Undergrowth, oak brush.

N.  $1^{\circ}11'W.$ , on true line, on E. bdy. of sec. 25.

Over mountainous land, through scattering timber and undergrowth.

Desc. 250 ft. over NE. slope.

3.36 Intersect cor. of secs. 30 and 31, which is an iron post, 3 ins. diam., projecting 12 ins. above ground, firmly set, with brass cap marked and witnessed as described in the official record.

Cross woven wire fence, bears N.  $1\frac{1}{2}^{\circ}W.$  and S.  $1\frac{1}{2}^{\circ}E.$ 

40.01 (40.00 chs. N. latitude) Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, and in a mound of stone, for  $\frac{1}{4}$  sec. cor. of sec. 25 only, with brass cap marked

$\frac{1}{4}$ S25	
-------------------	--

1934

No suitable bearing trees available.

Desc. 71 ft. over NE. slope.

45.10 Wash, 50 lks. wide, course E.

45.22 True point for  $\frac{1}{4}$  sec. cor. of sec. 30, falls in this wash, where it is impracticable to monument same. Asc. 12 ft. over S. slope.

45.72 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, and in a mound of stone to top, for witness corner to  $\frac{1}{4}$  sec. cor. of sec. 30, T. 14 N., R. 4 W., with brass cap marked

$\frac{1}{4}$ S30	
-------------------	--

WC

1934

from which

A cedar, 12 ins. diam., bears S.  $25^{\circ}E.$ , 438 lks. dist., mkd.  $\frac{1}{4}$  S30 WC BT.

No other bearing trees available.

Resurvey of Part (S.  $\frac{1}{2}$ ) of East Bdy. of T. 14 N., R. 5 W.

Chains											
	Asc. 68 ft. over S. slope.										
56.90	Spur, slopes E.; desc. 150 ft. over N. slope.										
63.07	Fence, bears E. and W.										
71.45	Wash, 30 lks. wide, course NE.; asc. 79 ft. over SE. slope.										
80.02	(80.00 chs. N. latitude) Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock, with a stone 1x4x4 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 24 and 25 only, with brass cap marked										
<table border="0" style="margin: auto;"> <tr><td colspan="2">T14N</td></tr> <tr><td>R5W</td><td>R4W</td></tr> <tr><td>S24</td><td>S30</td></tr> <tr><td>—</td><td></td></tr> <tr><td>S25</td><td></td></tr> </table>		T14N		R5W	R4W	S24	S30	—		S25	
T14N											
R5W	R4W										
S24	S30										
—											
S25											
1934											
No suitable bearing trees available.											
Land, mountainous.											
Soil, rocky, 4th rate.											
Timber, juniper.											
Undergrowth, oak brush.											
N.1°11'W., on true line, on E. bdy. of sec. 24.											
Over rolling hills, through scattering timber and dense undergrowth.											
Asc. 38 ft. over SE. slope.											
7.06	Intersect cor. of secs. 19 and 30, which is an iron post, 3 ins. diam., projecting 12 ins. above ground, firmly set, with brass cap marked and witnessed as described in the official record. Cook's house, bears N.29°W. This cor. is on top of spur, sloping NE.										
Thence											
N.0°46'W., on true line, continuing measurement.											
Desc. 144 ft. over NW. slope.											
16.54	Wash, 10 lks. wide, course E.; asc. 13 ft. over S. slope.										
20.85	Low spur, slopes NE.; desc. 52 ft. over N. slope.										
34.42	Wash, 20 lks. wide, course NE.; asc. 10 ft. over SE. slope.										
36.80	Low spur, slopes NE.; desc. 7 ft. over N. slope.										
40.00	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, with a stone 3x2x4 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 24 only, with brass cap marked										
<table border="0" style="margin: auto;"> <tr><td><math>\frac{1}{4}</math> S24</td><td> </td></tr> </table>		$\frac{1}{4}$ S24									
$\frac{1}{4}$ S24											
1934											

Resurvey of Part (S. 1/2) of East Bdy. of T. 14 N., R. 5 W.

Chains

No suitable bearing trees available.

Cook's house, bears N. 87 1/2° W.

10.60 Desc. 10 ft. over N. slope.

40.60 Road, bears NE. and SW.

42.90 Wash, 15 lks. wide, course E.; asc. 132 ft. over S. slope.

48.60 Intersect 1/4 sec. cor. of sec. 19 only, which is an iron post, 1 in. diam., projecting 10 ins. above ground, firmly set, with brass cap marked and witnessed as described in the official record.

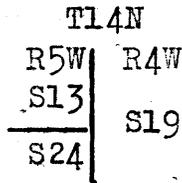
Thence

N. 1° 08' W., on true line, continuing measurement.

64.95 Spur, slopes NE.; desc. 132 ft. over NW. slope.

78.25 Wash, 20 lks. wide, course NE.; asc. 10 ft. over SE. slope.

80.01 (80.00 chs. N. latitude) Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock, with a stone 3x3x6 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 13 and 24 only, with brass cap marked



1934

from which

An oak, 4 ins. diam., bears NW., 30 lks. dist., mkd. T14N R5W S13 BT.

An oak, 4 ins. diam., bears SW., 50 lks. dist., mkd. T14N R5W S24 BT.

Cor. of secs. 18 and 19, T14N R4W, bears N. 1° 08' W., 10.62 chs. dist.

Land, rolling.  
Soil, rocky, 4th rate.  
Timber, oak.  
Undergrowth, oak brush.

## Resurvey of Part of West Bdy. of T. 14 N., R. 5 W.

Chains

The south 2 miles of the W. bdy. of T. 14 N., R. 5 W., were surveyed in 1915 by J.F.Hesse, U.S.S., establishing common reference corners at 40 ch. intervals, counting from the south.

The north 4 miles of this Tp. bdy. were surveyed in 1920 by D.R.Averill, U.S.S. No retracement or resurvey of any part of this line is of record.

The following notes describe a resurvey of the south 2 miles of this Tp. bdy.; establishing  $\frac{1}{4}$  sec. cor. for sec. 31, at 40 chs. S., from the closing cor. for secs. 30 and 31, and establishing  $\frac{1}{4}$  sec. cor. for sec. 30 at midpoint of W. bdy. of that sec. Existing corners on south 2 miles of this Tp. bdy. are changed to refer to areas W. of line only.

## RETRACEMENT FOR RESURVEY.

Retraced the south  $2\frac{1}{2}$  miles of this Tp. bdy., preliminary to the resurvey of the south 2 miles thereof, and find all corner intervals to agree with the official record, therefore transcript of the retracement was omitted from these notes.

## RESURVEY.

From the cor. of Tps. 13 and 14 N., Rs. 5 and 6 W., hereinbefore described.

North, on true line, on W. bdy. of sec. 31.

Over rolling mesa, covered with loose volcanic rock.

39.21 Wash, 10 lks. wide, course SW.

40.00 Intersect the  $\frac{1}{4}$  sec. cor. of secs. 31 and 36, which is an iron post, 1 in. diam., projecting 10 ins. above ground, firmly set, marked on brass cap and witnessed by a mound of stone W. of cor.

Alter this cor. monument to refer to quarters of sec. 36 only, by changing markings on brass cap to read

$\frac{1}{4}$   
|  
s36  
|  
1934  
1915

No change in accessory is required.

40.90 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, with a stone 8x5x2 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. of sec. 31 only, with brass cap marked

|  
 $\frac{1}{4}$ S31  
|  
1934

## Resurvey of Part of West Bdy. of T. 14 N., R. 5 W.

Chains

No suitable bearing trees available.

52.28 Wash, 10 lks. wide, course SW.

80.00 Intersect the cor. of secs. 25, 30, 31 and 36, which is an iron post, 3 ins. diam., projecting 12 ins. above ground, firmly set, marked on brass cap and witnessed by a mound of stone W. of cor.

Alter this cor. monument to refer to secs. 25 and 36 only, by changing markings on brass cap to read

T14N
R6W
S25
S36

1934
1915

No change in accessory is required.

80.90 Intersect the Sectional Correction line, bet. secs. 30 and 31, surveyed due West. Closing cor. of secs. 30 and 31 established at this point, as hereinafter described.

Land, rolling mesa.  
Soil, rocky, 4th rate.  
Timber, none.  
Undergrowth, scattering oak brush.

From the closing cor. of secs. 30 and 31.

North, on true line, on W. bdy. of sec. 30.

Over rolling top of mesa.

16.50 Wash, 20 lks. wide, course SW.

39.10 Intersect the  $\frac{1}{4}$  sec. cor. of secs. 25 and 30, which is an iron post, 1 in. diam., projecting 10 ins. above ground, firmly set, marked on brass cap and witnessed by a mound of stone W. of cor.

Alter this cor. monument to refer to quarters of sec. 25 only, by changing markings on brass cap to read

$\frac{1}{4}$
S 25
1934
1915

No change in accessory is required.

40.00 (Mid-point of W. bdy. of sec. 30) Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to bedrock, with a stone 3x4x3 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. of sec. 30 only, with brass cap marked

Resurvey of Part of West Bdy. of T. 14 N., R. 5 W.

Chains

$\frac{1}{4}$

S30

1934

No suitable bearing trees available.

79.10

Intersect the cor. of secs. 19, 24, 25 and 30, which is an iron post, 3 ins. diam., projecting 12 ins. above ground, firmly set, marked on brass cap and witnessed by a mound of stone W. of cor., and a cedar, 24 ins. diam., bears N.16 $\frac{1}{2}$ °W., 104 lks. dist., mkd. TL4N R6W S24 BT.

Alter this cor. monument to refer to secs. 24 and 25 only, by changing markings on brass cap to read

TL4N	
R6W	
S24	
<hr/>	
S25	

1934  
1915

No change in accessory is required.

80.00

Intersect the subdivision line bet. secs. 19 and 30, surveyed due West. Closing cor. of said secs. established at this point, as hereinafter described.

Land, rolling mesa.  
Soil; rocky, 4th rate.  
Timber, none.  
Undergrowth, scattering oak brush.

SURVEY OF PART OF SUBDIVISION LINES OF T. 14 N., R. 5 W.

The following notes describe a survey of all of the subdivision lines of T. 14 N., R. 5 W., situated outside of the Prescott National Forest, embracing secs. 23 to 36, both inclusive. The S. and E. bdrs. of the Tp. are defective in alinement and measurement; therefore, preliminary to the survey of the subdivision lines of this Tp.; the cor. of secs. 25, 26, 35 and 36 is set at the intersection of the Sectional Guide Meridian surveyed due North from the cor. of secs. 35 and 36, on the S. bdy. of Tp., with the Sectional Correction line surveyed due West from the cor. of secs. 25 and 36 on the E. bdy. of the Tp. The Sectional Correction line is continued due West, from the cor. of secs. 25, 26, 35 and 36, bet. the S. 2 tiers of secs., establishing temp. cors. at intervals of 40.00 chs. The Sectional Guide Meridian is continued due North, from the cor. of secs. 25, 26, 35 and 36. The  $\frac{1}{4}$  sec. cor. of secs. 35 and 36 is established at 40.00 chs. S. and the  $\frac{1}{4}$  sec. cor. of secs. 25 and 36 is established at 40.00 chs. E. of the cor. of secs. 25, 26, 35 and 36. The other permanent sec. cors. on the Sectional Correction line are established at points of intersection of said line with the

## Survey of Part of Subdivision of T. 14.N., R. 5.W.

## Chains

meridional section lines, and the permanent  $\frac{1}{4}$  sec. cors. are established at midpoints bet. the sec. cors. with the exception of the  $\frac{1}{4}$  sec. cor. of secs. 30 and 31, which is established at 40.00 chs. W. of the cor. of secs. 29, 30, 31 and 32. The  $\frac{1}{4}$  sec. cors. on the meridional sec. lines of the S. tier of sections are established at 40.00 chs. S. of the Sectional Correction line.

From the cor. of secs. 35 and 36, on S. bdy. of Tp., hereinbefore described.

North, on a Sectional Guide Meridian, bet. secs. 35 and 36.

Over mountainous land, through scattering timber and dense undergrowth.

Asc. 420 ft. over SW. slope.

17.10 Spur, slopes NW.; desc. 20 ft. along W. slope.

24.50 Head of spur, slopes NW.; desc. 558 ft. over steep N. slope.

40.30 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, with a stone  $1\frac{1}{2} \times 2 \times 2$  ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$

S35 | S36

1934

No suitable bearing trees available.

Desc. 71 ft. over N. slope.

43.40 Wash, 40 lks. wide, course W.; asc. 49 ft. over SW. slope.

47.73 Spring and trough (in draw) bears W., 75 lks. Trail, bears NE. and SW.

54.80 Head of spur, slopes SW.; asc. 105 ft. over W. slope.

57.80 Trail, bears SE. and NW.; asc. 129 ft. over S. slope.

71.18 Spur, slopes SW.; desc. 54 ft. over NW. slope.

80.30 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bedrock, with a cross (+) marked on rock ledge W. of cor., and in a mound of stone to top, for cor. of secs. 25, 26, 35 and 36, with brass cap marked

T14N R5W

S26 | S25

S35 | S36

1934

from which

A juniper, 18 ins. diam., bears N.36°W., 304 lks. dist., mkd. T14N R5W S26 BT.

## Survey of Part of Subdivision of T. 14 N., R. 5 W.

Chains	
	<p>No other bearing trees available.</p> <p>Land, mountainous. Soil, rocky, 4th rate. Timber, scattering juniper. Undergrowth, oak brush.</p>
	<p>From the cor. of secs. 25 and 36, on E. bdy. of Tp., hereinbefore described.</p> <p>West, on a Sectional Correction line, bet. secs. 25 and 36. Over mountainous land, through scattering timber and dense undergrowth</p> <p>Asc. 381 ft. over NE. slope.</p>
30.40	Spur, slopes NW.; desc. 196 ft. over SW. slope.
38.24	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, with a stone 2x2 $\frac{1}{2}$ x1 $\frac{1}{2}$ ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \begin{array}{r} S 25 \\ \hline S 36 \end{array}$ <p>1934</p>
	<p>No suitable bearing trees available.</p>
39.14	Wash, 10 lks. wide, course NW.; asc. 17 ft. over NE. slope.
40.00	Low spur, slopes NW.; desc. 4 ft. over W. slope.
42.25	Draw, course NW.; desc. 95 ft. over NW. slope.
49.64	Wash, 50 lks. wide, course N.; asc. 492 ft. over E. slope.
69.14	Ridge, bears SE. and NE.; desc. 205 ft. over SW. slope.
78.24	The cor. of secs. 25, 26, 35 and 36.
	<p>Land, mountainous. Soil, rocky, 4th rate. Timber, scattering juniper. Undergrowth, oak brush.</p>
	<p>North, on Sectional Guide Meridian, bet. secs. 25 and 26. Over mountainous land, through scattering timber and dense undergrowth.</p> <p>Asc. 115 ft. over SW. slope.</p>
23.40	Ridge, bears NW. and SE.; desc. 23 ft. over NE. slope.
23.50	Trail, bears NE. and SW.
28.00	Trail, bears SE. and NW.
33.50	Same trail, bears SW. and NE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the

## Survey of Part of Subdivision of T. 14 N., R. 5 W.

BOOK 400

## Chains

ground to bedrock, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
S26 | S25

1934

from which

A juniper, 24 ins. diam., bears N.  $12\frac{1}{2}^{\circ}$  W., 250 lks. dist., mkd.  $\frac{1}{4}$  S26 BT.

A cedar, 6 ins. diam., bears N.  $81\frac{1}{2}^{\circ}$  E., 134 lks. dist., mkd.  $\frac{1}{4}$  S25 BT.

Desc. 520 ft. over NE. slope.

- 46.60 Trail, bears NE. and SW.;
- 49.30 Trail, bears NE. and SW.
- 58.60 Trail, bears NW. and SE.
- 60.85 Wash, 10 lks. wide, course NE. Blackjack Spring, corral and trough, bears W. 225 lks. dist.; asc. 4 ft. over SE. slope.
- 61.30 Low spur, slopes NE.; desc. 23 ft. over NW. slope.
- 63.30 Stream, 5 lks. wide, course NE., disappears about 5 chs. NE.; asc. 7 ft. over SE. slope.
- 69.52 Low point of spur, slopes E.; desc. 31 ft. over NE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock, with a stone 1x4x5 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 23, 24, 25 and 26, with brass cap marked

T14N R5W

S23 | S24

S26 | S25

1934

No suitable bearing trees available.

Land, mountainous.  
Soil, rocky, 4th rate.  
Timber, scattering juniper.  
Undergrowth, oak brush.

East, on a random line, bet. secs. 24 and 25.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 76.49 Intersect cor. of secs. 24 and 25, on E. bdy. of Tp., hereinbefore described.

Thence

West, on true line, bet. secs. 24 and 25.

## Survey of Part of Subdivision of T. 14 N., R. 5 W.

Chains	
	Over mountainous land, through scattering timber and dense undergrowth.
	Asc. 97 ft. over E. slope.
0.25	Fence, bears N.2°E. and S.
18.00	Spur, slopes S.; desc. 50 ft. over SW. slope.
34.40	Draw, 10 lks. wide, course S.; asc. 61 ft. over SE. slope.
36.49	Set an iron post, 3 ft. long, 1 in diam., 20 ins. in the ground to bedrock, with a stone 1x2x5 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \begin{array}{r} S\ 24 \\ \hline S\ 25 \end{array}$
	1934
	No suitable bearing trees available.
	Asc. 115 ft. over SE. slope.
57.86	Spur, slopes NE.; desc. 44 ft. over NW. slope.
62.14	Brush cut for fence, bears N. and S.
68.83	Wash, 100 lks. wide, course NE.; asc. 77 ft. over NE. slope.
76.49	The cor. of secs. 23, 24, 25 and 26.
	Land, mountainous. Soil, rocky, 4th rate. Timber, scattering. Undergrowth, oak brush.
	North, on Sectional Guide Meridian, bet. secs. 23 and 24.
	Over mountainous land, through scattering timber and dense undergrowth.
	Desc. 110 ft. over NE. slope.
7.80	Brush cut for fence, bears E. and W.
19.11	Wash, 20 lks. wide, course E.; asc. 110 ft. over S. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, with a stone 3x2x4 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \begin{array}{c}   \\ S23 \quad   \quad S24 \\   \end{array}$
	1934
	No suitable bearing trees available.

Survey of Part of Subdivision of T. 14 N., R. 5 W.

Chains	Asc. 6 ft. over S. slope.
41.00	Spur, slopes E.; desc. 12 ft. over N. slope.
41.77	Wash, 10 lks. wide, course E.; asc. 104 ft. along broken SE. slope.
56.50	Spring, bears E. about 10 chs. dist.
57.50	Spur, slopes E.; desc. 68 ft. over NE. slope.
62.85	Trail, bears E. and W.
64.09	Wash, 15 lks. wide, course SE.; asc. 464 ft. over SW. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, with a stone 1x6x8 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 13, 14, 23 and 24, with brass cap marked
<p>T14N R5W                  S14   S13                  -----                  S23   S24</p> <p>1934</p> <p>No suitable bearing trees available.</p> <p>Land, mountainous.                  Soil, rocky, 4th rate.                  Timber, scattering juniper.                  Undergrowth, oak brush.</p>	
East, on random line, bet. secs. 13 and 24.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.
74.86	Intersect the cor. of secs. 13 and 24, on the E. bdy. of the Tp., hereinbefore described.
Thence	
West, on true line, bet. secs. 13 and 24.	
Over mountainous land, through scattering timber and dense undergrowth.	
Asc. 125 ft. over SE. slope.	
21.26	Spur, slopes S.; desc. 58 ft. over SW. slope.
26.36	Wash, 10 lks. wide, course S.; asc. 150 ft. over E. slope.
34.86	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, with a stone 3x4x3 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
<p><math>\frac{1}{4}</math> S 13                  -----                  S 24</p> <p>1934</p>	

## Survey of Part of Subdivision of T. 14 N., R. 5 W.

Chains	
	<p>No suitable bearing trees available.</p> <p>This cor. is on a spur, sloping SE.</p> <p>Desc. 43 ft. over SW. slope.</p>
45.56	Wash, 10 lks. wide, course S.; asc. 642 ft. over SE. slope.
74.86	The cor. of secs. 13, 14, 23 and 24.
	<p>Land, mountainous.</p> <p>Soil, rocky, 4th rate.</p> <p>Timber, scattering juniper.</p> <p>Undergrowth, oak brush.</p>
	<p>From temp. cor. of secs. 26, 27, 34 and 35.</p> <p>S.0°01'E., on random line, bet. secs. 34 and 35</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.29	Intersect the cor. of secs. 34 and 35, on the S. bdy. of the Tp., hereinbefore described.
	<p>Thence</p> <p>N.0°01'W., on true line, bet. secs. 34 and 35.</p> <p>Over mountainous land, through scattering timber and dense undergrowth.</p> <p>Asc. 113 ft. over SE. slope.</p>
11.29	Spur, slopes SW. from N. Trail, bears E. and W.; asc. 635 ft. along top of spur.
21.29	Trail, bears E. and W.
40.29	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, with a stone 3x4x5 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	<p>No suitable bearing trees available.</p> <p>Asc. 482 ft. along top of spur, slopes S.</p>
80.29	Intersect the Sectional Correction line, at a point 80.00 chs. W. of the cor. of secs. 25, 26, 35 and 36.
	At intersection,

## Survey of part of Subdivision of T. 14 N., R. 5 W.

## Chains

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock, with a stone 1x3x4 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 26, 27, 34 and 35, with brass cap marked

T14N R5W	
S27	S26
S34	S35

1934

No suitable bearing trees available.  
 This cor. is on top of spur, sloping S.  
 Land, mountainous.  
 Soil, rocky, 4th rate.  
 Timber, scattering juniper.  
 Undergrowth, oak brush.

From cor. of secs. 25, 26, 35 and 36.

West, on Sectional Correctional line, bet. secs. 26 and 35

Over malpais land, through scattering timber and dense undergrowth.

Desc. 49 ft. over NW. slope.

2.60 Wash, 15 lks. wide, course SW.; asc. 15 ft. over SE. slope.

4.75 Trail, bears N. and S.

24.30 Head of spur, slopes SE.; continue ascent 459 ft. over SE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, for 1/4 sec. cor., with brass cap marked

1/4	S 26
	S 35

1934

from which

A juniper, 18 ins. diam., bears S.64°38'E., 116 lks. dist., mkd. 1/4 S35 BT.

A juniper, 12 ins. diam., bears N.51°42'E., 15 lks. dist., mkd. 1/4 S26 BT.

Continue ascent over E. slope.

44.50 Spur, slopes S.; desc. 257 ft. over W. slope.

59.04 Trail, bears N. and S.:

60.30 Wash, 15 lks. wide, course S.; asc. 306 ft. over E. slope.

80.00 The cor. of secs. 26, 27, 34 and 35.

## Survey of part of Subdivision of T. 14 N., R. 5 W.

## Chains

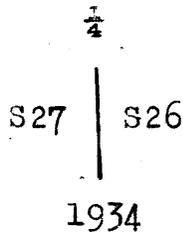
Land, mountainous.  
Soil, rocky, 4th rate.  
Timber, scattering juniper.  
Undergrowth, oak brush.

N.0°01'W., bet. secs. 26 and 27.

Over rough malpais land, through scattering timber and dense undergrowth.

Asc. 12 ft. along top of spur, sloping S.

- 1.50 Knoll on spur, slopes S.; desc. 55 ft. over N. slope.  
6.50 Trail, bears NW. and SE.  
8.40 Saddle on spur, slopes S.; asc. 221 ft. over S. slope.  
25.00 Spur, slopes SE.; desc. 9 ft. over NE. slope.  
29.00 Head of wash, course SE.; asc. 121 ft. over S. slope.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked



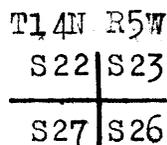
from which

A juniper, 10 ins. diam., bears N.28 $\frac{1}{2}$ °W., 89 lks. dist., mkd.  $\frac{1}{4}$  S27 BT.

A juniper, 24 ins. diam., bears N.13°E., 156 lks. dist. mkd.  $\frac{1}{4}$  S26 BT.

Asc. 18 ft. over SE. slope.

- 44.00 Ridge, bears W. and SE.; desc. 72 ft. over NE. slope.  
55.40 Head of spur, slopes NE.; desc. 306 ft. over NW. slope.  
77.40 Trail, bears E. and W.;  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 22, 23, 26 and 27, with brass cap marked



1934

No suitable bearing trees available.

Land, mountainous.  
Soil, rocky, 4th rate.  
Timber, scattering juniper.  
Undergrowth, oak brush.

## Survey of Part of Subdivision of T. 14 N., R. 5 W. BOOK 4090

Chains	
	East, on random line, bet. secs. 23 and 26
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect N. and S. line, 5 lks. N. of the cor. of secs. 23, 24, 25 and 26.
	Thence
	N. $89^{\circ}58'W.$ , on true line bet. secs. 23 and 26.
	Over rough mountainous land, through scattering timber and dense undergrowth.
	Asc. 137 ft. over NE. slope.
3.86	Trail, bears NW. and SE.
9.96	Spur, slopes N.; desc. 39 ft. over NW. slope.
17.56	Wash, 15 lks. wide, course NE.; asc. 429 ft. over SE. slope.
30.96	Spur, slopes NE.; desc. 4 ft. over W. slope.
39.98	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, with a stone 2x3x6 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{c} S\ 23 \\ \frac{1}{4} \text{---} \\ S\ 26 \end{array}$
	1934
	No suitable bearing trees available.
	Desc. 3 ft. over W. slope.
42.26	Draw, course NE.; asc. 514 ft. over SE. slope.
62.56	Spur, slopes NE.; desc. 83 ft. over NW. slope.
75.96	Trail, bears NE. and SW.
79.96	The cor. of secs. 22, 23, 26 and 27.
	Land, mountainous.
	Soil, rocky, 4th rate.
	Timber, juniper.
	Undergrowth, oak brush.
	N. $0^{\circ}01'W.$ , bet. secs. 22 and 23.
	Over mountainous land, through scattering timber and dense undergrowth.
	Desc. 52 ft. over NW. slope.
0.83	U. S. Forest Service fence, bears E. and W.
5.00	Wash, 15 lks. wide, course NW.; asc. 8 ft. over SW. slope.
6.50	Spur, slopes W.; desc. 191 ft. over NW. slope.
15.50	Enter wash, 15 lks. wide, course N. from SW.; desc. 51 ft.

## Survey of Part of Subdivision of T. 14 N., R. 5 W.

Chains	
20.00	Leave wash, course NE. from S.; asc. 12 ft. over SE. slope.
28.00	Spur, slopes NE.; desc. 133 ft. over NW. slope.
37.51	Head of draw, 10 lks. wide, course NE.; asc. 6 ft. over SE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock, with a stone 1x5x4 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S22   S23 1934
	from which
	A pinon, 6 ins. diam., bears N.46°E., 53 lks. dist., mkd. $\frac{1}{4}$ S23 BT.
	An oak, 14 ins. diam., bears N.12°W., 171 lks. dist., mkd. $\frac{1}{4}$ S22 BT.
	Asc. 50 ft. over SE. slope.
48.00	Spur, slopes E.; desc. 382 ft. over NE. slope.
70.20	Trail, bears E.; and W.
75.35	Wash, 10 lks. wide, course W.; asc. 75 ft. over SW. slope.
78.00	Spring, about 2 chs. East.
78.08	Fence, bears SE. and NW.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock, with a stone 3x4x2 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 14, 15, 22 and 23, with brass cap marked
	T14N R5W S15   S14 ----- S22   S23 1934
	No suitable bearing trees available.
	Land, mountainous. Soil, rocky, 4th rate. Timber, juniper. Undergrowth, oak brush.
	S.89°58'E., on random line, bet. secs. 14 and 23.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line, 5 lks. S. of the cor. of secs. 13, 14, 23 and 24.

## Survey of Part of Subdivision of T. 14 N., R. 5 W.

Chains

Thence

West, on true line, bet. secs. 14 and 23.

Over granite rocks, through scattering timber and dense undergrowth.

Asc. 76 ft. over SE. slope.

6.10 Short spur, slopes S.; desc. 286 ft. over SW. slope.

15.30 Trail, bears NW. and SE.

15.56 Wash, 15 lks. wide, course SE.; asc. 157 ft. over NE. slope.

17.30 Trail, from NE. to NW.

19.20 Same trail, bears N. and S.

25.20 Saddle in ridge, bears N. and S.; desc. 66 ft. over SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked
$$\frac{1}{4} \frac{S 14}{S 23}$$

1934

from which

A pinon, 6 ins. diam., bears N.22°W., 75 lks. dist., mkd.  $\frac{1}{4}$  S14 BT.A pinon, 10 ins. diam., bears S.56°E., 13 lks. dist., mkd.  $\frac{1}{4}$  S23 BT.

Desc. 24 ft. over broken SW. slope.

47.10 Wash, 15 lks. wide, course S.; asc. 74 ft. over broken SE. slope.

53.90 Spur, slopes S.; desc. 17 ft. over SW. slope.

58.90 Head of draw, course S.; asc. 29 ft. over SE. slope.

63.90 Spur, slopes S.; desc. 124 ft. over SW. slope.

74.30 U. S. Forest Service fence, bears N. and S.

80.00 The cor. of secs. 14, 15, 22 and 23.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, juniper.

Undergrowth, oak brush.

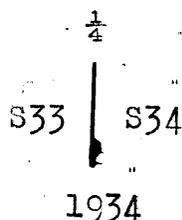
From temp. cor. of secs. 27, 28, 33 and 34, on Sectional Correction line,

S.0°01'E., on a random line, bet. secs. 33 and 34.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

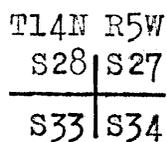
## Survey of Part of Subdivision of T. 14 N., R. 5 W.

- Chains
- 80.38 Intersect the cor. of secs. 33 and 34, on the S. bdy. of Tp., hereinbefore described.
- Thence
- N.0°01'W., on true line bet. secs. 33 and 34.
- Over mountainous land, through scattering timber and dense undergrowth.
- Asc. 29 ft. over SE. slope.
- 10.48 Spur, slopes SW.; desc. 22 ft. over NW. slope.
- 26.81 Wash, 20 lks. wide, course SW.; asc. 118 ft. over SE. slope.
- 40.38 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, with a stone  $1\frac{1}{2} \times 4 \times 4$  ins. marked with a cross (.) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked



- No suitable bearing trees available.
- Asc. 163 ft. over SE. slope.
- 59.70 Top of E. slope of spur, sloping S.; desc. 17 ft. over ESE. slope.
- 66.71 Wash, 15 lks. wide, course SE.; asc. 64 ft. along W. slope of spur.
- 74.38 Top of end of W. slope of spur.; desc. 9 ft. over NW. slope.
- 75.68 Wash, 15 lks. wide, course SW.; asc. 110 ft. over SE. slope.
- 80.38 Intersect the Sectional Correction line, at a point 80.00 chs. W. of the cor. of secs. 26, 27, 34 and 35.
- At point of intersection,

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock, with a stone  $2 \times 4 \times 4$  ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 27, 28, 33 and 34, with brass cap marked



1934

No suitable bearing trees available.

Land, mountainous.  
 Soil, rocky, 4th rate.  
 Timber, juniper.  
 Undergrowth, oak brush.

## Survey of Part of Subdivision of T. 14 N., R. 5 W.

## Chains

- From the cor. of secs. 26, 27, 33 and 34, hereinbefore described.
- West, on Sectional Correction line bet. secs. 27 and 34.
- Over malpais land, through scattering timber and dense undergrowth.
- Desc. 518 ft. over W. slope.
- 14.85 Wash, 15 lks. wide, course S.; asc. 532 ft. over E. slope.
- 32.14 Spur, slopes S.; desc. 217 ft. over W. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, with a stone 1x3x3 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S 27  
 $\frac{1}{4}$  —————  
 S 34  
 1934

No suitable bearing trees available.

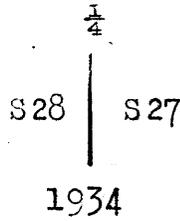
- Desc. 220 ft. over W. slope.
- 46.00 Wash, 10 lks. wide, course W.; asc. 290 ft. over E. slope.
- 57.50 Spur, slopes S.; desc. 569 ft. over W. slope.
- 77.70 Wash, 15 lks. wide, course S.; asc. 69 ft. over SE. slope.
- 80.00 The cor. of secs. 27, 28, 33 and 34.

Land, mountainous.  
 Soil, rocky, 4th rate.  
 Timber, juniper.  
 Undergrowth, oak brush.

- N.0°01'W., bet. secs. 27 and 28.
- Over mountainous land, through scattering undergrowth.
- Asc. 46 ft. over SE. slope.
- 5.00 Spur, slopes SW.; desc. 142 ft. over NW. slope.
- 11.00 Trail, bears NE. and SW.; desc. 100 ft.
- 25.30 Wash, 10 lks. wide, course SW.; asc. 235 ft. over S. slope.
- 33.20 Spur, slopes SE.; desc. 144 ft. over NE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, with a stone 6x4x3 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

Survey of Part of Subdivision of T. 14 N., R. 5 W.

Chains



No suitable bearing trees available.

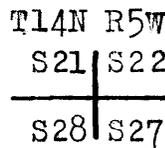
Desc. 19 ft. over NE. slope.

40.40 Wash, 5 lks. wide, course W.; asc. 638 ft. over SW. slope.

70.80 Ridge, bears NW. and SE.; desc. 356 ft. over NE. slope.

79.30 U.S. Forest Service fence, bears E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, with a stone 6x6x4 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 21, 22, 27 and 28, with brass cap marked



1934

No suitable bearing trees available.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, none.

Undergrowth, scattering oak brush.

East, on a random line bet. secs. 22 and 27

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.08 Intersect the cor. of secs. 22, 23, 26 and 27.

Thence

West, on true line, bet. secs. 22 and 27.

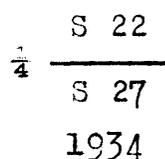
Over malpais land, through scattering timber and dense undergrowth. Along U.S. Forest Service fence, bearing E. and W.

Asc. 141 ft. over E. slope.

8.94 Spur, slopes N.; desc. 649 ft. over W. slope.

16.88 Gate in U. S. Forest Service fence.

40.04 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock, with a stone 3x5x2 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked



## Survey of Part of Subdivision of T. 14 N., R. 5 W.

Chains

No suitable bearing trees available.

Desc. 193 ft. over W. slope.

47.88 Gate in U. S. Forest Service fence.

51.38 Wash, 20 lks. wide, course NW.; asc. 420 ft. over E. slope.

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

Land, mountainous.

Soil, rocky, 4th rate.

Timber, juniper.

Undergrowth, oak brush.

From temp. cor. of secs. 28, 29, 32 and 33, on Sectional Correction line.

S.0°02'E., on random line bet. secs. 32 and 33.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.70 Intersect the S. bdy. of Tp., 4 lks. E. of the cor. of secs. 32 and 33 only, hereinbefore described.

Thence

N.0°02'W., on true line bet. secs. 32 and 33.

Over mountainous land, through scattering undergrowth.

Asc. 26 ft. over SW. slope.

5.10 Spur, slopes W.; desc. 122 ft. over NW. slope.

23.80 Wash, 5 lks. wide, course W.; asc. 7 ft. over S. slope.

30.00 Spur, slopes SW.; desc. 29 ft. over NW. slope.

36.40 Trail, bears NE. and SW.

40.70 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, with a stone 2x4x5 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked $\frac{1}{4}$ 

S32 | S33

1934

No suitable bearing trees available.

Desc. 167 ft. over NW. slope.

60.82 Wash, 20 lks. wide, course SW.; asc. 92 ft. over SE. slope.

70.70 Spur, slopes SW.; desc. 18 ft. over NW. slope.

80.70 Intersect the Sectional Correction line at a point 80.04 chs. W. of the cor. of secs. 27, 28, 33 and 34.  
At point of intersection,

## Survey of Part of Subdivision of T. 14 N., R. 5 W.

## Chains

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, with a stone 2x4x5 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 28, 29, 32 and 33, with brass cap marked.

T14N R5W

S29 | S28

S32 | S33

1934

No suitable bearing trees available.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, none.

Undergrowth, cats claw and cactus.

From cor. of secs. 27, 28, 33 and 34, hereinbefore described.

West, on Sectional Correction line, bet. secs. 28 and 33.

Over rough mountainous land, through scattering undergrowth.

Asc. 20 ft. over SE. slope.

4.75 Spur, slopes SW.; desc. 121 ft. over W. slope.

8.11 Wash, 5 lks. wide, course S.; asc. 46 ft. over E. slope.

13.04 Spur, slopes S.; desc. 225 ft. over W. slope.

22.34 Wash, 10 lks. wide, course S.; asc. 206 ft. over SE. slope.

23.44 Trail, bears N. and S.

36.04 Spur, slopes SW.; desc. 18 ft. over NW. slope.

40.02 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, with a stone 1x4x5 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S 28

$\frac{1}{4}$

S 33

1934

Desc. 393 ft. over NW. slope.

80.04 The cor. of secs. 28, 29, 32 and 33.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, none.

Undergrowth, cats claw.

## Survey of Part of Subdivision of T. 14 N., R. 5 W.

Chains	N.0°02'W., bet. secs. 28 and 29. Over mountainous land, through scattering undergrowth. Desc. 155 ft. over NW. slope.
3.00	Trail, bears NE. and SW.
12.80	Wash, 20 lks. wide, course SW.; asc. 335 ft. over S. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, with a stone $1\frac{1}{2} \times 2 \times 3$ ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$   S29   S28   1934
	No suitable bearing trees available. This corner is located on spur, sloping W. Desc. 323 ft. over N. slope.
51.70	Trail, bears E. and W.
54.05	Wash, 20 lks. wide, course W.; asc. 126 ft. over S. slope.
64.25	Spur, slopes W.; desc. 177 ft. over NW. slope.
69.40	Trail, bears E. and W.
72.80	Enter Cottonwood Wash, 30 lks. wide, course SW. from N.
76.40	Leave same wash, course S. from NW.; asc. 23 ft. over SW. slope.
79.35	U. S. Forest Service fence, bears E. and W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, with a stone $4 \times 4 \times 4$ ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 20, 21, 28 and 29, with brass cap marked
	T14N R5W S20   S21   S29   S28   1934
	No suitable bearing trees available. Land, mountainous. Soil, rocky, 4th rate. Timber, none. Undergrowth, oak brush.

East, on a random line, bet. secs. 21 and 28.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

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

## Survey of Part of Subdivision of T. 14 N., R. 5 W.

Chains	Thence
	West, on true line, bet. secs. 21 and 28.
	Over broken mountainous land, through scattering undergrowth.
	Asc. 328 ft. over NE. slope.
12.00	Ridge, bears NW. and SE.; desc. 485 ft. over SW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, with a stone 3x4x4 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap, marked
	S 21
	$\frac{1}{4}$ —————
	S 28
	1934
	No suitable bearing trees available.
	Desc. 774 ft. over SW. slope.
80.00	The cor. of secs. 20, 21, 28 and 29.
	Land, mountainous.
	Soil, rocky, 4th rate.
	Timber, none.
	Undergrowth, oak brush.
	From temp. cor. of secs. 29, 30, 31 and 32, on Sectional Correction line.
	S.0°02'E., on random line, bet. secs. 31 and 32.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.84	Intersect the S. bdy. of Tp., 4 lks. E. of the cor. of secs. 31 and 32 only, hereinbefore described.
	Thence
	N.0°02'W., on true line bet. secs. 31 and 32.
	Over rolling land, through scattering undergrowth.
	Desc. 48 ft. over E. slope.
4.80	Trail, bears NW. and SE.; desc. gradual NE. slope.
25.00	Draw, course E.; asc. 24 ft. over SE. slope.
40.84	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, with a stone 3x2x1 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$
	S31   S32
	1934
	No suitable bearing trees available.

## Survey of Part of Subdivision of T. 14 N., R. 5 W. BOOK 4090

Chains

47.90 Trail, bears SE. and NW.

80.84 Intersect the Sectional Correction line at a point 80.00 chs. W. of the cor. of secs. 28, 29, 32 and 33.  
At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock, with a stone 3x3x2 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 29, 30, 31 and 32, with brass cap marked

T14N R5W

S30 | S29

S31 | S32

1934

No suitable bearing trees available.

Land, rolling.

Soil, rocky, 4th rate.

Timber, none.

Undergrowth, oak and cats claw.

From cor. of secs. 28, 29, 32 and 33, hereinbefore described.

West, on Sectional Correction line, bet. secs. 29 and 32.

Over rough mountainous land, through scattering undergrowth.

Desc. 272 ft. over NW. slope.

22.45 Wash, 30 lks. wide, course SW.; asc. 13 ft. over SE. slope.

24.70 Point of spur, slopes S.; desc. 29 ft. over SW. slope.

25.80 Enter same wash, course W. from SE.; desc. in wash.

29.65 Leave wash, course SW.; asc. 8 ft. over SE. slope.

32.15 Point of spur, slopes SW.; desc. 74 ft. over SW. slope.

35.80 Same wash, 30 lks wide, course SW. from SE.; asc. 74 ft. over SE. slope.

38.50 Spur, slopes SW.; desc. 6 ft. over W. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, with a stone 6x5x2 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S 29

 $\frac{1}{4}$ 

S 32

1934

No suitable bearing trees available.

Desc. 214 ft. over W. slope.

57:50 Cottonwood Wash, 40 lks. wide, course SW.; asc. 202 ft. over SE. slope.

## Survey of Part of Subdivision of T. 14 N., R. 5 W.

Chains	
72.00	Spur, slopes S.; desc. 25 ft. over SW. slope.
75.25	Wash, 5 lks. wide, course SE.; asc. 59 ft. over E. slope.
80.00	<p>The cor. of secs. 29, 30, 31 and 32.</p> <p>Land, mountainous. Soil, rocky, 4th rate. Timber, none. Undergrowth, oak brush and cats claw.</p>
	<p>West, on Sectional Correction line, bet. secs. 30 and 31. Over rough rolling land, through scattering undergrowth. Asc. 23 ft. over E. slope.</p>
9.00	Spur, slopes S.; desc. 70 ft. over gradual W. slope.
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, with a stone 1x2x3 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p>
	<p style="text-align: center;"> <math display="block">\begin{array}{c} S\ 30 \\ \frac{1}{4} \\ \hline S\ 31 \\ 1934 \end{array}</math> </p>
	No suitable bearing trees available.
	Desc. 58 ft. over W. slope.
50.00	Wash, 5 lks. wide, course S.; asc. 12 ft. over E. slope.
59.74	<p>Intersect W. bdy. of Tp., at a point 90 lks. N. of cor. of secs. 25 and 36, T. 14 N., R. 6 W., hereinbefore described. At intersection</p>
	<p>Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bedrock, with a stone 3x3x1 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for closing corner of secs. 30 and 31, with brass cap marked</p>
	<p style="text-align: center;"> <math display="block">\begin{array}{c} T14N \\ R6W \mid R5W \\ \mid S30 \\ S25 \mid S31 \quad CC \\ 1934 \end{array}</math> </p>
	No suitable bearing trees available.
	<p>Land, rolling. Soil, rocky, 4th rate. Timber, none. Undergrowth, cats claw and cactus.</p>

## Survey of Part of Subdivision of T. 14 N., R. 5 W. BOOK 4090

## Chains

From the cor. of secs. 29, 30, 31 and 32, hereinbefore described.

N.0°02'W., bet. secs. 29 and 30.

Over rolling mountainous land, through scattering undergrowth.

Asc. 51 ft. over gradual SE. slope.

15.00 Spur, slopes SW.; desc. 17 ft. over NW. slope.

26.00 Wash, 5 lks. wide, course SW.; asc. 56 ft. over gradual SE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to bedrock, with a stone 3x2x1 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$

S30 | S29

1934

No suitable bearing trees available.

Asc. 23 ft. over SE. slope:

45.00 Spur, slopes SW.; desc. 127 ft. over NW. slope.

54.70 Wash, 30 lks. wide, course W.; asc. 169 ft. over SE. slope.

67.40 Spur, slopes SW.; desc. 100 ft. over NW. slope.

77.80 Wash, 5 lks. wide, course SW.; asc. 48 ft. over SE. slope.

79.30 U. S. Forest Service fence, bears E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock, with a stone 1x3x4 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for cor. of secs. 19, 20, 29 and 30, with brass cap marked

T14N R5W

S19 | S20

S30 | S29

1934

No suitable bearing trees available.

Land, rolling and mountainous.

Soil, rocky, 4th rate.

Timber, none.

Undergrowth, cats claw and cactus.

East, on a random line, bet. secs. 20 and 29.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.94 Intersect the cor. of secs. 20, 21, 28 and 29, hereinbefore described

Thence

## Survey of Part of Subdivision of T. 14 N., R. 5 W.

Chains	
	West, on true line bet. secs. 20 and 29.
	Over rough mountainous land, through scattering timber and dense undergrowth. Along U.S. Forest Service fence, bearing E. and W.
	Desc. 7 ft. over SW. slope.
3.49	Cottonwood wash, 5 lks. wide, course S.; asc. 156 ft. over SE. slope.
15.84	Spur, slopes SW.; desc. 151 ft. over NW. slope.
30.04	Wash, 30 lks. wide, course SW.; asc. 165 ft. over SE. slope.
39.97	Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock, with a stone 2x2x3 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor.; with brass cap marked
	$\frac{1}{4} \frac{S\ 20}{S\ 29}$
	1934
	No suitable bearing trees available.
	Asc. 155 ft. over SE. slope.
63.69	Spur, slopes SW. Gate in U. S. Forest Service fence.; desc. 359 ft. over NW. slope.
78.24	Gate in U. S. Forest Service fence.; asc. 10 ft. over SE. slope.
79.94	The cor. of secs. 19, 20, 29 and 30.
	Land, mountainous. Soil, rocky, 4th rate. Timber, juniper. Undergrowth, cats claw and cactus.
	West, on true line, bet. secs. 19 and 30;
	Over mountainous land, through scattering timber and undergrowth.
	Along N. side of U. S. Forest Service fence, bearing E. and W.; asc. 22 ft. over SE. slope.
7.00	Spur, slopes SW.; desc. 128 ft. over W. slope.
14.15	Trail, bears N. and S.
14.95	Wash, 30 lks. wide, course SW.; asc. 344 ft. over E. slope.
30.00	Spur, slopes SW.; Trail, bears N. and S.; desc. 40 ft. over NW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, with a stone 1x8x8 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

Survey of Part of Subdivision of T. 14 N., R. 5 W. **BOOK** 4090

Chains

	S 19	
$\frac{1}{4}$	<hr style="width: 50px;"/>	
	S 30	

1934

No suitable bearing trees available.

Desc. 79 ft. over NW. slope.

59.77

Intersect W. bdy. of Tp., at a point 97 lks. N. of cor. of secs. 24 and 25, T. 14 N., R. 6 W., hereinbefore described. At intersection,

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, with a stone 4x4x3 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for closing cor. of secs, 19 and 30, with brass cap marked

T 14 N		
R6W	R5W	
	S19	
S24	S30	CC

1934

No suitable bearing trees available.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, juniper.

Undergrowth, scattering cats claw and cactus.

## GENERAL DESCRIPTION.

Lands; radiating from Martin Mountain in section 27, which has an elevation above sea level of about 6,000 ft., rolling and rough mountainous lands have a minimum elevation of about 4,000 ft. along the southwestern part of the S. bdy. The drainage is chiefly southerly towards the Santa Maria River.

Water; there are springs in sections 23, 24, 26, 32 and 35.

Roads; a rough road from Skull Valley enters and terminates in section 24.

A settler lives in section 24; no one else resides in the lands surveyed.

Grazing is the principal industry.

Timber; juniper, pinon, walnut, mesquite and cottonwoods are the prevailing types of timber.

Undergrowth; oakbrush, cacti and cats claw are the principal varieties of undergrowth.

## Final Test of Buff Transit No. 18,000.

April 2, 1934; at same meridian as described on page 1 hereof,

At 9h00m., a.m., with lat. arc. set at  $34^{\circ}28'N.$ , and decl. arc set at  $4^{\circ}49'N.$ , determine a meridian with the solar which agrees with the true meridian.

At 12h00m., app. noon, with lat. arc unchanged, observe the sun on the meridian; the resultant reading of the declination arc is  $4^{\circ}51\frac{1}{2}'N.$ , which agrees with the computed declination of the sun.

At 3h00m. p.m., with lat. arc. unchanged, set off  $4^{\circ}55\frac{1}{2}'N.$  on the declination arc, and determine a meridian with the solar which agrees with the true meridian.

As all of the observations taken agree within 1' of the true meridian conclude that the instrument has remained in a satisfactory state of adjustment.



150  
44

BOOK 4090

CERTIFICATE OF UNITED STATES SURVEYOR

I, Benjamin J. Kinsey, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Arizona bearing date of the 31st day of August, 1933, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, ~~resurveyed~~ resurveyed all those parts or portions of the South, East and West Boundaries of T. 14 N., R. 5 W. ~~and surveyed all those parts or portions of~~ the Subdivision Lines of Township 14 North, Range 5 West of the Gila and Salt River Base and 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 all the corners of ~~said resurvey~~ said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such ~~resurvey and survey.~~ survey.  
 Phoenix, Arizona  
 June 6, 1935.

*Benjamin J. Kinsey*  
 U. S. Surveyor.

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,  
 Denver, Colorado, June 17, 1935.

The foregoing field notes of the ~~resurvey~~ survey of Part of the South, East and West Boundaries of T. 14 N., R. 5 W. and of the ~~survey~~ survey of Part of the Subdivision Lines of Township 14 North, Range 5 West of the Gila and Salt River Base and Meridian, in the State of Arizona executed by Benjamin J. Kinsey, U. S. Surveyor under his special instructions dated August 31, 1933, Group 186, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the ~~resurveys and surveys~~ surveys they describe, are hereby approved.

*Quentin E. Simon*  
 U. S. Supervisor of Surveys.

~~I certify that the foregoing transcript of the field notes of the above described surveys in~~ has been correctly copied from the original notes on file in this office.

~~U. S. Supervisor of Surveys.~~