

3605

Book "B"

4-679

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BOOK 3605

FIELD NOTES

OF THE RESURVEY OF

Part of the North Boundary and

Part of the Subdivision Lines

AND OF THE SURVEY OF

Part (Completion) of the Subdivision Lines of

Township 5 North, Range 1 East

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Ty White, U.S. Transitman

In the capacity of U. S. Surveyor, under ^{special} instructions dated May 20, 1921, issued by the United States Surveyor General to govern surveys included in Group No. 115 Ariz, which were approved by the Commissioner of the General Land Office, November 8, 1921 and Assignment Instructions dated October 23, 1922.

Resurvey & Survey commenced November 20, 1922

Resurvey & Survey completed November 24, 1922

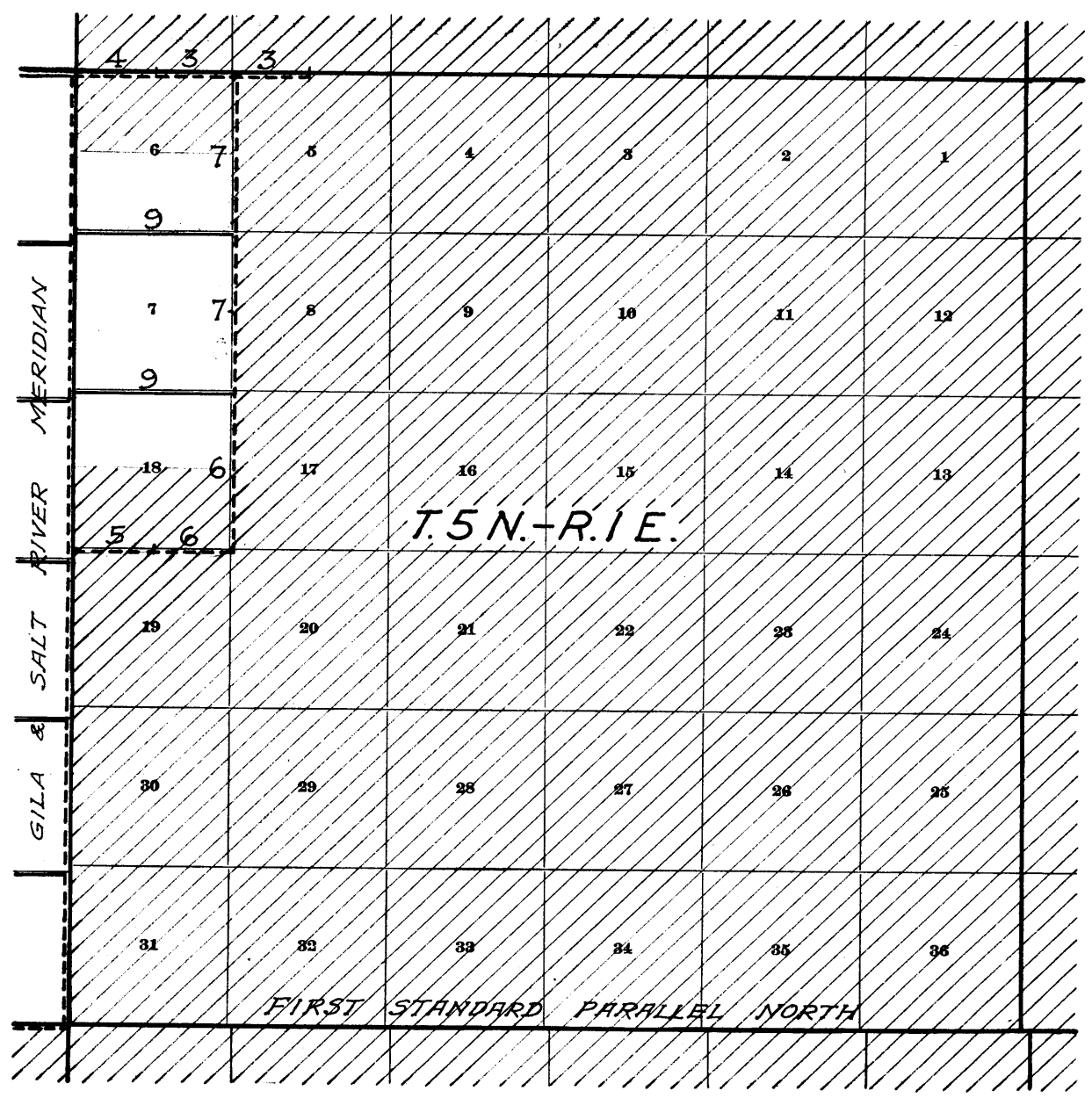
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BOOK 3605

INDEX DIAGRAM.



DATE DIAGRAM

Book "B"

Group 115 Arizona.

Township 5 North, Range 1 East.

	11-24-22	11-23-22				
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11-22-22	7	8	9	10	11	12
11-21-22	18	17	16	15	14	13
11-20-22	19	20	21	22	23	24
	30	29	28	27	26	25
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For dates of resurvey of this line see Book "A".

Solid Blue lines indicate surveys executed by Ty White, U.S. Transitman, on dates shown thereon.

Black lines indicate accepted surveys.

Broken Bluelines indicate resurveys executed by Ty White, U. S. Transitman, on dates shown thereon.

Resurveys & surveys herein described were executed by Ty White, U.S. Transitman, on dates shown on diagram on page 1 hereof, using Young & Sons light mountain transit No. 8540, equipped with full vertical circle, and Smith solar attachment. Unless otherwise specified, all azimuth determinations are accomplished with solar attachment.

November 10, 1922: I examine the adjustments of the transit and correct all errors; then, to test the solar apparatus, by comparing its indications, resulting from observations made during a.m. and p.m. hours with a meridian established by Polaris observations, I proceed as follows:

At camp near the $\frac{1}{4}$ sec. cor. of secs. 16 and 17, T. 5 N., R. 1 W., G. and S. R. 3. and M., Arizona, lat. $33^{\circ}46\frac{1}{2}'N.$, long. $112^{\circ}22\frac{1}{2}'W.$, using the meridian established as described in Book "A", at 9 hrs. 0m., a.m., l.m.t.. I set off $33^{\circ}46\frac{1}{2}'N.$ on the lat. arc; $19^{\circ}22'S.$ on the decl. arc; and determine a meridian with the solar which I find to agree with the true meridian.

At apparent noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is $19^{\circ}24'S.$, which agrees with the computed decl. of the sun.

At 3 hrs. 0 m., p.m., l.m.t., with the lat. arc unchanged, I set off $19^{\circ}25\frac{1}{2}'S.$ on the decl. arc and determine a meridian with the solar, which I find to agree with the true meridian.

As all of the solar observations during the usual hours of solar work come within $1'30''$ of the true meridian, I conclude that the adjustments of the instrument are satisfactory.

Unless otherwise specified, all measurements are made with a Lufkin steel tape 5 chs. in length, compared with a Lufkin 1 ch. standard steel tape and found correct. The measurements are made on the slope, the vertical angle determined and the slope measurements properly reduced to true horizontal distances.

Resurvey of part of North Bdy. of Township 5 North, Range 1 East. 3

Chains.

The N. bdy. of T.5 N., R.1 E. was originally surveyed in August, 1894 by Ridgley C. Powers, U.S.D.S., who erroneously designated his survey as a resurvey. No retracement or resurvey of this line is of record.

Retracement for Resurvey.

From the original 1/4 sec. cor. of secs. 5 and 32, on the N. bdy. of T.5 N., R.1 E., hereinafter described, S.89°53'W., on retracement, along the N. bdy. of T.5 N., R.1 E.

- 40.00 Diligent search in this vicinity failed to reveal any trace of the original cor. of secs. 5, 6, 31 and 32.
 - 80.00 Diligent search in this vicinity failed to reveal any trace of the original 1/4 sec. cor. of secs. 6 and 31.
 - 118.09 Fall 5.90 chs. N. of the reestablished cor. of Ts. 5 and 6 N., Rs. 1 E. and 1 W., described in Book "A."
- The true course and distance of the line connecting the original 1/4 sec. cor. of secs. 5 and 32, with the reestablished cor. of Ts. 5 and 6 N., Rs. 1 E., and 1 W. are therefore S.87°1'W., 118.25 chs. The proportionate lengths of the W. half mile bet. secs. 5 and 32, and the E. half mile bet. secs. 6 and 31 are each 39.48 chs., and the length of the W. half mile bet. secs. 6 and 31 is 39.29 chs.

Resurvey.

The original 1/4 sec. cor. of secs. 5 and 32 is a porphyry stone, 10x6x1 ins. above ground, firmly set, marked 1/4 on N. face, and witnessed by a mound of stone, W. of cor. Reconstruct this cor. as follows: Alongside old stone, set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor. of secs. 5 and 32, marked on brass cap,

1/4	S 32
	S 5
	1922

No bearing trees available. Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Destroy old mound of stone, W. of cor.

Thence, S.87°1'W., on a true line, bet. secs. 5 and 32 (W. 1/2). Over mountainous land, thru. scattering timber and undergrowth.

- 16.85 Descend. Wash, 10 lks. wide, course S. 30°E. Thence along S. slope.
- 26.09 Wash, 20 lks. wide, course S. 45°E.
- 39.48 Ascend. Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for reestablished cor. of secs. 5, 6, 31 and 32, marked on brass cap,

T6N	R1E
S31	S32
S 6.	S 5
T5N	
1922	

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor. Land, mountainous. Soil, rocky, 4th rate. Timber, palo verde and ironwood. Undergrowth, greasewood, ocotillo and cactus.

S.87°1'W., on a true line, bet. secs. 6 and 31. Over mountainous land, thru. scattering timber and undergrowth.

BOOK 3605

A Resurvey of part of North bdy. of Township 5 North, Range 1 East.

Chains.

- 1.00 Descend.
Wash, 10 lks. wide, course S. 45° E.
- 39.48 Ascend over rolling land.
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of secs. 6 and 31, marked on brass cap,
- $\frac{1}{4}$ S 31
 S 6
 1922
- 78.77 No bearing trees available.
Raise a mound of stone, 3 ft. base. 2 $\frac{1}{2}$ ft. high, N. of cor.
Intersect the cor. of Ts. 5 and 6 N., Rs. 1 E. and 1 W. on the Gila and Salt River Meridian, described in Book "A."
Land, rolling.
Soil, rocky, 3rd rate.
Timber, palo verde and ironwood.
Undergrowth, greasewood, ocotillo and cactus.
-

Resurvey of part of Subdivision lines of Township 5 North Range 1 E.

Chains.

In July 1892, Ridgley C. Powers, U.S.D.S., surveyed all of the Subdivision of T.5 N., R.1 E. except the lines between secs.7 and 18, and 6 and 7. No subsequent re-tracement or resurvey of the subdivision of this township is of record.

Retracement for Resurvey.

From the cor. of secs. 17, 18, 19 and 20, hereinafter described,
S.89°42'W., on retracement, bet. secs.18 and 19.
40.00 Diligent search in this vicinity failed to reveal any trace of the original 1/4 sec.cor.

81.93 Fall 3.22 chs.N. of the cor. of secs. 18 and 19, on the W. bdy. of Tp., (G. and S.R. Meridian) described in Book "A." The true course and distance of the line connecting the cor. of secs.17, 18, 19 and 20, with the cor. of secs.18 and 19 are therefore S.87°27'W., 82.01 chs., and the proportionate lengths of the E. and W. half miles are respectively 41.11 and 40.90 chs.

From the cor. of secs.17, 18, 19 and 20, hereinafter described,
N.0°3'W., on retracement, bet. secs. 17 and 18.
40.00 Diligent search in this vicinity failed to reveal any trace of the original 1/4 sec.cor.

76.78 Fall 1.41 chs.E. of the original cor. of secs.7, 8, 17 and 18, hereinafter described. The true course and distance of this mile are therefore N.1°6'W., 76.79 chs.

From the cor. of secs.7, 8, 17 and 18,
N.0°3'W. on retracement, bet. secs.7 and 8.
40.00 Diligent search in this vicinity failed to reveal any trace of the original 1/4 sec.cor.

82.80 Fall 224 lks.W. of the original cor. of secs.5, 6, 7 and 8, hereinafter described. The true course and distance of this mile are therefore N.1°30'E., 82.83 chs.

From the cor. of secs. 5, 6, 7 and 8,
N.0°3'W., on retracement, bet. secs.5 and 6 (S.1/2).
39.79 Fall 91 lks.W. of original 1/4 sec.cor. of secs.5 and 6, hereinafter described. The true course and distance of this half mile are therefore S.1°16'W., 39.80 chs.

From the 1/4 sec.cor. of secs.5 and 6,
N.0°3'W., on retracement, bet. secs.5 and 6 (N.1/2).
36.59 Fall 3.38 chs. East of the reestablished cor. of secs.5, 6, 31 and 32, on the N. bdy. of Tp., hereinbefore described. The true course and distance of this half mile are therefore S.5°19'E., 36.75 chs.

Resurvey.

From the cor. of secs. 18 and 19, on the W. bdy. of Tp., (G. & S.R. Mer.), described in Book "A.", N.87°27'E., on a true line, bet. secs.18 and 19. Over mountainous land, thru scattering timber and undergrowth.

Ascend gradual SW. slope, over mesa.
9.70 Descend NE. slope.
35.65 Ravine, 15 lks.wide, course S.60°E.
Ascend SW. slope.

40.90 (Proportionate measurement) Set an iron post, 3 ft. long, 1 in. in diam., 26. ins. in the ground, for reestablished 1/4 sec.cor. of secs.18 and 19, marked on brass cap,

1/4 S 18
S 19
1922

Resurvey of part of Subdivision lines of T. 5 N., R. 1 E.

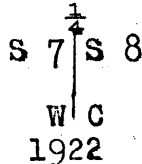
Chains.	No bearing trees available. Raise a mound of stone, 3 ft. base, 2½ ft. high, N. of cor. Continue ascent, over SW. slope.								
42.83	Spur, slopes S. Descend over E. slope.								
55.00	Wash, 10 lks. wide, course S. 20° E. Ascend.								
82.01	The original cor. of secs. 17, 18, 19 and 20, which is a porphyry stone, 12x8x6 ins. above ground, marked with 5 notches on E. edge and 3 notches on S. edge, firmly set and witnessed by a small mound of stone, W. of cor. Reconstruct this cor. as follows: Alongside old stone, Set an iron post, 3 ft. long, 2 ins. in diam., 14 ins. in the ground to bed rock, deposit a marked (x) stone at base of post, and raise a mound of stone around post, for cor. of secs. 17, 18, 19 and 20, marked on brass cap, <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">T5N</td> <td style="padding: 0 5px;">R1E</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S18</td> <td style="padding: 0 5px;">S17</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S19</td> <td style="padding: 0 5px;">S20</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 0 5px;">1922.</td> </tr> </table>	T5N	R1E	S18	S17	S19	S20	1922.	
T5N	R1E								
S18	S17								
S19	S20								
1922.									
	No bearing trees available. Raise a mound of stone 3½ ft. base, 2½ ft. high, W. of cor. Destroy the old mound of stone. Land, mountainous. Soil, rocky, 3rd rate. Timber, palo verde and ironwood. Undergrowth, greasewood and cactus.								
	N. 1° 6' W., on a true line, bet. secs. 17 and 18. Over hilly and broken land, thru. scattering timber and undergrowth. Descend 35 ft., over NE. slope.								
5.00	Ravine, course E. Thence along E. slope, over rolling land.								
8.95	Wash, course S. 45° E.								
11.75	Same wash, course SW.								
14.50	Same wash, course SE.								
	Ascend 110 ft., over SW. slope.								
24.60	Ridge, brs. NW. and SE. Descend gradual slope.								
38.39½	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished ¼ sec. cor. of secs. 17 and 18, marked on brass cap, <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S18</td> <td style="padding: 0 5px;">S17</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 0 5px;">1922</td> </tr> </table>	S18	S17	1922					
S18	S17								
1922									
	No bearing trees available. Raise a mound of stone, 3 ft. base, 2½ ft. high, W. of cor. Continue descent 25 ft.								
44.65	Same wash, course SW.								
	Ascend gradual slope, 35 ft.								
67.00	Ridge, brs. NW. and SE. Descend 155 ft.								
76.79	The original cor. of secs. 7, 8, 17 and 18, which is a malpais stone, 24x12x6 ins., marked with a cross (x) on top, 4 notches on S. edge and 5 notches on E. edge, set about 2 ins. in the ground, and witnessed by a mound of stone, W. of cor. Reset the stone, 18 ins. in the ground, and rebuild the mound of stone, 3 ft. base, 2½ ft. high, W. of cor.								
	No bearing trees available. Land, rolling, hilly and broken. Soil, rocky, 3rd rate.								

Resurvey of part of Subdivision lines of T. 5 N. R. 1 E. 7

Chains.

Timber, palo verde and ironwood.
Undergrowth, greasewood and cactus.

- 1.00 Gulch, course N.70°E.
Ascend.
- 2.00 Spur, slopes N.75°E.
Descend.
- 4.00 Ravine, 40 lks.wide, course N.45° E.
Ascend 100 ft.
- 12.30 Thence along E.slope.
- 22.60 Ascend 25 ft.
- 25.90 Descend 40 ft.
- 34.30 Wash, 40 lks.wide, course S.45°E. Thence along E.slope.
- 41.25 Enter wash, 15 lks.wide, course SE. from N.
- 41.41½ The true point for reestablished ¼ sec.cor. of secs.7 and 8 falls in wash, where it cannot be monumented.
- 42.75 Leave wash, course S. from NE.
Ascend.
- 43.16½ Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for witness cor. to reestablished ¼ sec. cor. of secs.7 and 8, marked on brass cap,



- No bearing trees available. Raise a mound of stone, 3 ft. base, 2½ ft. high, W. of cor.
Ascend 95 ft.
- 55.70 Ridge, brs. E. and W.
Descend.
- 61.00 Head of wash, 10 lks.wide, course S.45° E.
Ascend.
- 65.00 Ridge, brs. N.45°W. and E.
Descend 180 ft. over N.slope.
- 76.72 Ravine, 75 lks.wide, course E.
Ascend 50 ft.
- 82.83 The original cor. of secs. 5, 6, 7 and 8, which is a malpais stone, 24x12x8 ins. above ground, marked with a cross (x) on top, and 5 notches on each of S. and E. edges, and witnessed by a mound of stone, 2½ ft. base, 2 ft. high, W. of cor. No bearing trees.
Land, broken and hilly.
Soil, rocky, 3rd rate.
Timber, palo verde and ironwood.
Undergrowth, greasewood and cactus.

- From the reestablished cor. of secs. 5, 6, 31 and 32, on the N. bdy. of the Tp., hereinbefore described,
S.5°19'E., on a true line, bet. secs. 5 and 6 (N. ½).
Over mountainous land, thru. scattering timber and undergrowth.
Descend 25 ft.
- 7.95 Ascend 10 ft.
- 9.15 Ridge, brs. N.45°W. and S.45°E.
Descend 80 ft.
- 18.65 Ravine, course SE.
Ascend 20 ft.
- 25.65 Descend 40 ft.

8 Resurvey of part of Subdivision lines of T. 5 N., R. 1 E.

Chains.

- 28.75 Same ravine, 40 lks. wide, course SE. from NE.
Ascend 90 ft., over NE. slope, to
- 36.75 The original $\frac{1}{4}$ sec. cor. of secs. 5 and 6, which is a malpais stone in place, 24x24x12 ins. above ground, marked $\frac{1}{4}$ on E. face, and witnessed by a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
No bearing trees.
Thence,
S. 1° 16' W., on a true line, bet. secs. 5 and 6 (S. $\frac{1}{2}$).
Over mountainous land, thru. scattering timber and undergrowth.
Ascend 10 ft., over NE. slope.
- 0.80 Ridge, brs. NW and SE.
Descend 95 ft.
- 9.80 Ravine, course S. 30° E.
Ascend 25 ft.
- 12.55 Spur, slopes E.
Descend.
- 16.95 Ravine, course E.
Ascend 90 ft., over NE. slope.
- 27.65 Low ridge, brs. N. 45° W. and S. 45° E.
Descend 130 ft., over SW. slope.
- 36.90 Ravine, 10 lks. wide, course S. 45° E.
Ascend 15 ft., over NE. slope, to
- 39.80 The cor. of secs. 5, 6, 7 and 8.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, palo verde and ironwood.
Undergrowth, greasewood and palo verde.

Survey of part (completion) of Subdivision lines of T.5 N.R.1 E. 9

Chains.

From cor. of secs. 7, 8, 17 and 18, hereinbefore described, West, on random line, bet. secs. 7 and 18.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.61 Intersect W. bdy. of Tp. (G. and S. R. Meridian) at a point 1.49 chs. N. $1^{\circ}08'$ E. from the original cor. of secs. 7, 12, 13 and 18. Change this cor. to angle point as described in Book "A." At point of intersection, reestablish the cor. of secs. 7 and 18, as described in Book "A."
 Thence,
 East, on true line, bet. secs. 7 and 18.
 Over rolling land, thru. scattering timber and undergrowth.
 Descend gradually over NE. slope, to
 12.31 Leave rolling, and enter mountainous land.
 Descend 210 ft., over NE. slope, to
 26.10 Wash, 30 lks. wide, course SE. Leave mountainous and enter rolling land.
 Descend gradually over SE. slope, to
 27.71 Same wash, course NE.
 Descend gradually over NE. slope, to
 40.20 (Same proportion as applied to W. $\frac{1}{2}$ of line, bet. secs. 18 and 19). Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 7
 S 18
 1922

No bearing trees available.
 Raise a mound of stone 3 ft. base, 2 $\frac{1}{2}$ ft. high, N. of cor.
 Descend gradually over NE. slope, to
 41.31 Same wash, course SE.
 Descend slightly over SE. slope, to
 48.90 Same wash course NE.
 Descend over NE. slope, to
 56.80 Same wash, course SE. Leave rolling, and enter mountainous land.
 Ascend 75 ft., over SW. slope.
 73.30 Spur, slopes N. 75° E. from NW.
 Descend 90 ft., over SE. slope.
 79.20 Gulch, course NE.
 Ascend over N. slope, to
 80.61 (40.41 chs. E. of the $\frac{1}{4}$ sec. cor.) Intersect the cor. of secs. 7, 8, 17 and 18, hereinbefore described.
 Land, rolling and mountainous.
 Soil, rocky, 4th rate.
 Timber, palo verde and ironwood.
 Undergrowth, greasewood and cactus.

 From the cor. of secs. 5, 6, 7 and 8,
 West, on random line, bet. secs. 6 and 7.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 81.29 Intersect the W. bdy. of the Tp. (G. & S. R. Mer.) at a point 5.95 chs. N. $0^{\circ}51'$ E. from the original cor. of secs. 1, 6, 7 and 12. Change this cor. to angle point as described in Book "A." At point of intersection, reestablish the cor. of secs. 6 and 7, as described in Book "A."
 Thence,
 East, on true line, bet. secs. 6 and 7.
 Over mountainous land, thru. scattering timber and undergrowth.
 Descend 36 ft., over NE. slope.
 4.50 Ascend 90 ft., over SW. slope.
 38.30 Ridge, brs. NW. and SE.
 Descend 17 ft., over NE. slope, to

Chains.

40.54 (Same proportion as applied to W. $\frac{1}{2}$ of N.bdy.of sec.6),
Set an iron post, 3 ft.long, 1 in. in diam., 12 ins.in
the ground to bed rock, deposit a stone marked with
a cross (x) at base of post, and raise a mound of stone
around post, for $\frac{1}{4}$ sec.cor., marked on brass cap,

$\frac{1}{4}$ S 6
S 7
1922

No bearing trees available.
Raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft.high, N.of.cor.
Descend 205 ft., over NE.slope, to
58.50 Head of gulch, course.NE.
Ascend 20 ft.,over NW.slope.
62.15 Point of spur, slopes N,
Descend 97 ft. over NE. slope.
68.96 Bottom of gulch, 100 lks.wide, course SE,
Ascend 50 ft., over SW. slope.
73.50 Spur, slopes SE.
Descend 35 ft., over NE.slope, to
81.29 (40.75 chs.E.from $\frac{1}{4}$ sec.cor.) Intersect the cor. of secs.
5,6,7 and 8, hereinbefore described.
Land, mountainous.
Soil, rocky, 3rd and 4th rate.
Timber, palo verde and ironwood.
Undergrowth, greasewood, ocotillo and cactus.

Boundaries of that part of Township 5 North, Range 1
East, surveyed under this group. (Secs.6,7,& 18).

Latitudes, departures, and closing errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
West boundary, (G. & S. R. Mer.)	N. 0° 8' W.	39.24	39.24			.09
	N. 0° 12' W.	39.45	39.45			.14
	N. 1° 08' E.	39.43	39.42		.78	
	N. 0° 53' E.	38.70	38.70		.60	
	N. 0° 51' E.	39.24	39.24		.59	
	N. 0° 24' W.	39.31	39.31			.28
North boundary,	N. 87° 01' E.	78.77	4.10		78.66	
Subdivisional Boundary,	S. 5° 19' E.	36.75		36.59	3.40	
	S. 1° 16' W.	39.80		39.79		.88
	S. 1° 30' W.	82.83		82.80		2.17
	S. 1° 6' E.	76.79		76.78	1.47	
	S. 87° 27' W.	82.01		3.65		81.93
Convergency,					.04	
Totals,			239.46	239.61	85.54	85.49
				239.46	85.49	
Error in latitudes,			0.15			
Error in departure,					0.05	

The continued satisfactory adjustment of the solar during
the survey of this township is indicated from field
tests as described in Book "C."

GENERAL DESCRIPTION.

The portion of T.5 N., R.1 E., surveyed under this group

consists of hilly and mountainous land, draining in a southeasterly direction, covered with palo verde and ironwood timber and greasewood, ocotillo and cactus undergrowth. The soil may be classed as rocky, 3rd and 4th rate. There are no settlers in this portion of the township, nor are there roads here. No indications of mineral were noted during the progress of the survey.

FIELD ASSISTANTS. to

Ty White, U. S. Transitman

NAMES.	CAPACITY.
John W. Malzacher	First Chainman
Donald W. Allen	Second Chainman
Stephen C. Pool	Flagman
J. E. Kring	Cornerman

CERTIFICATE OF UNITED STATES TRANSITMAN

I, Ty White, U. S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 115, Arizona bearing date of the 20th day of May, 1921, 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 all those parts or portions of the North Boundary and Subdivision Lines and surveyed all those parts or portions of the Subdivision Lines of

TOWNSHIP 5 NORTH, RANGE 1 EAST

of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in and by diagram on page 1 hereof the foregoing field notes as having been executed by me, and under my direction; and that all the corners of resurvey and said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 115, 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.

Place Long Beach Calif.
Date April 17 1924

Ty White
U. S. Transitman

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix Arizona, April 22, 1924.

The foregoing field notes of the resurvey of Part of the North Boundary and Part of the Subdivision Lines and the survey of Part of the Subdivision Lines (Completion) of TOWNSHIP 5 NORTH, RANGE 1 EAST.

of the Gila and Salt River Base and Meridian in the State of Arizona

executed by Ty White, U. S. Transitman under the special instructions dated May 20, 1921 for Group 115 Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Charles M. Donohue
U. S. Surveyor General.

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.