

3168

Book "G"

4-679

BOOK 3168

FIELD NOTES

OF THE RETRACEMENT AND RESURVEY OF

Part of the Subdivision lines,

and SURVEY of the

Completion of the Subdivision lines of

TOWNSHIP 13 NORTH, RANGE 5 WEST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Theo. O. Johnston, U. S. Surveyor,

and

Sidney E. Blout, Assistant Supervisor of Surveys for
Arizona and California,

~~In the capacity of U. S. Surveyor~~, under instructions dated October 5, 1915,
issued by the United States Surveyor General to govern surveys included in
Group No 60, which were approved by the Commissioner of the General Land
Office, October 25, 1915.

Retracement,
Resurvey & Survey commenced February 23, 1917.

Retracement,
Resurvey & Survey completed August 30, 1918.

Executed under Assignment
Instructions dated Nov. 25-1916.

3168

3168

1946

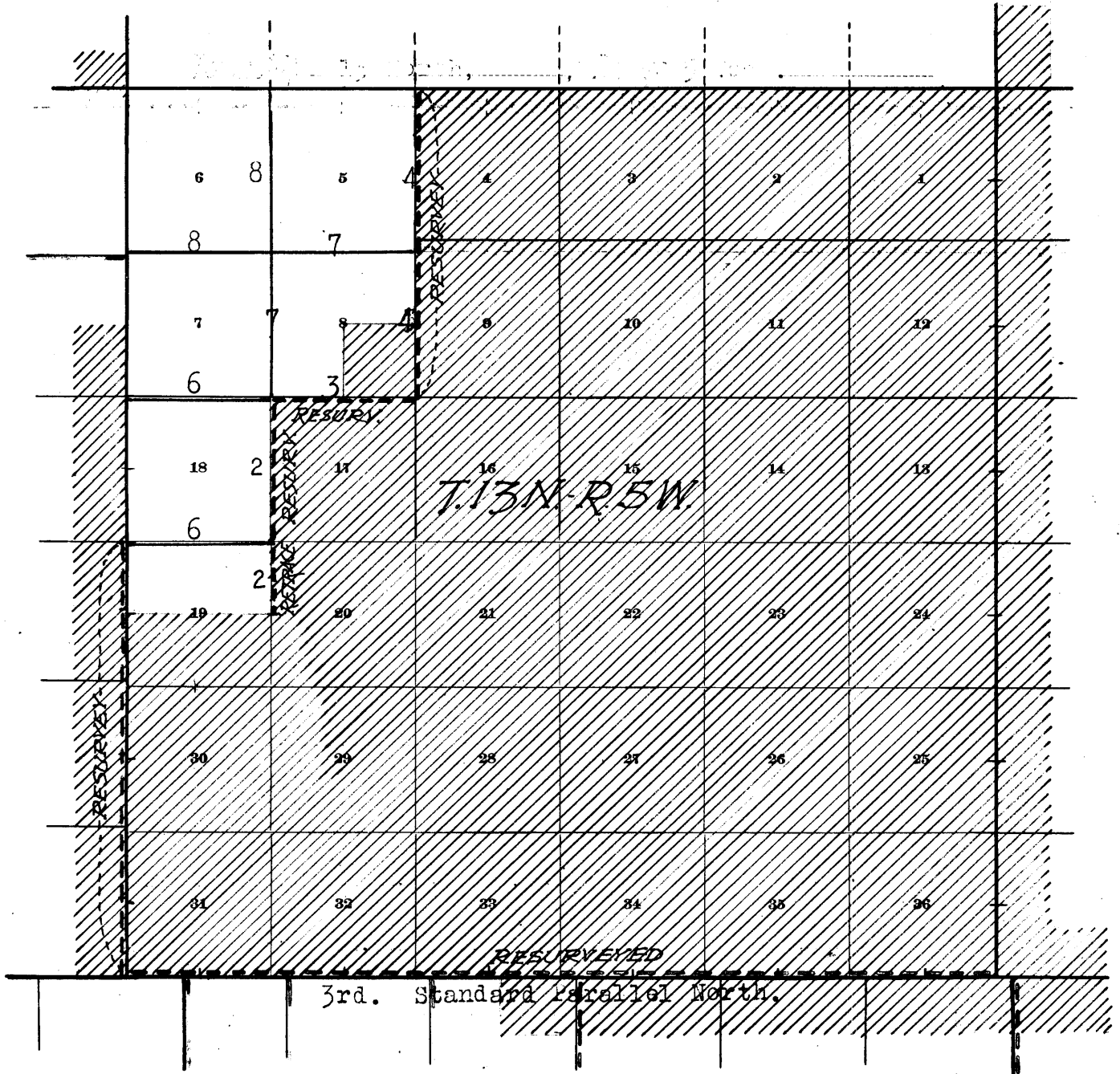
3168

Book "G"

Group 60 - - - Arizona.

BOOK 3168

INDEX DIAGRAM.



- Lines surveyed under this group. Notes in this book. 3168
- - - - Lines retraced or resurveyed. Notes in this book. 3168
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- Accepted surveys.
- - - - Unsurveyed.
- ////// Areas surveyed as per accepted plats on file.

book "G"
Group 60 - - - Arizona.
Township 13 North, Range 5 West.

DATE DIAGRAM.

	6 2-28-17	5 2-27-17	4	3	2	1
	7 2-23-17	8 2-26-17	9	10	11	12
	18 2-26-17	17 RESURVY	16	15	14	13
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5-2-17	31 2-22-17	32 2-22-17	33 2-22-17	34 2-21-17	35 2-21-17	36 2-21-17

3rd Standard Parallel North
RESURVEYED

Surveys and resurveys executed on dates shown in red on above diagram, by Theo. O. Johnston, U. S. Surveyor.

Retracement shown in green on above diagram executed by Sidney E. Blout, Assistant Supervisor of Surveys for Arizona and California.

Chains

Work hereinafter described executed on dates shown on page 1 of this book, by Theo. O. Johnston, U. S. Surveyor, using Buff & Buff light mountain transit No. 9939, described in Book "C"; and Sidney E. Blout, Assistant Supervisor of Surveys for Arizona and California, using Buff & Buff transit No. 9984, which is identical in style with No. 9939.

FIELD TEST OF TRANSIT NO. 9939. Feb. 22, 1917.

at camp in sec. 7, T. 13 N., R. 5 W., in lat. $34^{\circ}28'N.$, long. $112^{\circ}49'W.$, examine the adjustments of the instrument and correct all errors. At 9h 17m, p.m., l.m.t., observe Polaris at western elongation, in accordance with instructions in the Manual, and mark a point in the line thus determined, on a peg firmly driven in the ground 5 chs. N. of station.

Feb. 23, 1917. Lay off the azimuth of Polaris $1922\frac{1}{2}'$ to the east, and mark the meridian thus determined by a tack driven in a stake firmly set in the ground E. of the one set last night.

at 8h 0m, a.m., l.m.t., set off $34^{\circ}28'N.$ on the lat. arc, $9^{\circ}50\frac{1}{2}'S.$ on the decl. arc, and determine a meridian with the solar.

at apparent noon set off $9^{\circ}48'S.$ on the decl. arc, and observe the sun on the meridian. The resulting lat. is $34^{\circ}28'N.$, which is the correct geographical lat.

at 4h 0m, p.m., l.m.t., set off $34^{\circ}28'N.$, on the lat. arc, $9^{\circ}43'S.$ on the decl. arc; and determine a meridian with the solar.

The results of both solar observations coincide with the meridian determined by the Polaris observation; from which, in connection with the noon test, it is concluded that the adjustments are satisfactory.

The mean magnetic declination is $13^{\circ}45'E.$

RETRACEMENT:

From the old $\frac{1}{4}$ sec. cor. bet. secs. 19 and 20, which is a malpais stone $16 \times 12 \times 5$ ins. above ground, firmly set, marked and witnessed as described by the Surveyor General;

NORTH, on a random line, bet. secs. 19 and 20, over mountainous land, through scattering undergrowth.

2.00 Desc. 140 ft.

19.00 Ft. of descent.

24.00 Asc. 60 ft.

29.00 Summit of ascent.

31.00 Desc. over steep cliff, 150 ft.

40.25 Fall 32 lks. W. of the old cor. of secs. 17, 18, 19 and 20, which is a malpais stone, $18 \times 12 \times 8$ ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.

This falling gives a true course for the half mile of $N.0^{\circ}27'E.$

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, catclaw, scrub oak and crucifixion thorn.

RESURVEY:

From the cor. of secs. 17, 18, 19 and 20, hereinbefore described;

$N.0^{\circ}19'W.$, on a true line, bet. secs. 17 and 18, over mountainous land, through scattering undergrowth. Desc. 290 ft.

8.45 Enter bottom land, of Kirkland Creek, bears NW. and SE.

13.20 Leave Kirkland Creek, course NW. Asc. 400 ft.

29.55 Summit of ascent. Desc. 125 ft.

40.72 $\frac{1}{2}$ Fail to find any trace of old $\frac{1}{4}$ sec. cor. after diligent search in this vicinity.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the

Resurvey of Part of Subdivisional Lines, T. 13 N., R. 5 W.

Chains

ground, for reestablished $\frac{1}{4}$ sec. cor., marked on brass cap



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Thence over rolling land.

73.90
77.50
78.15
81.45

Desc. 165 ft.
Road, bears E. to Prescott and W. to Phoenix.
Canyon, course W. Asc 140 ft.
Intersect the original cor. of secs. 7, 8, 17 and 18, which is a malpais stone, 16x12x4 ins., firmly set in a mound of stone, marked and witnessed as described by the Surveyor General.

Land, mountainous, 51 chs; remainder of line rolling.

Soil, rocky; 4th rate.

No timber.

Undergrowth, catclaw, scrub oak and crucifixion thorn.

N. $88^{\circ}51'E.$, on a true line, on the S. bdy. of sec. 8, over mountainous land, through scattering undergrowth. Desc. 75 ft.

2.55
30.00
34.25
39.40
40.00

Gulch, course S. Asc. 120 ft.
Spur, slopes S. Desc. 25 ft.
Gulch, course S. $15^{\circ}E.$ Thence along S. slope.
Gulch, course S. $10^{\circ}W.$ Asc. 40 ft.

Fail to find any trace of old $\frac{1}{4}$ sec. cor. after diligent search in this vicinity.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground and 6 ins. in a mound of stone, for reestablished $\frac{1}{4}$ sec. cor., marked on brass cap for sec. 8 only as follows:



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

40.81 $\frac{1}{2}$

Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground and 4 ins. in a mound of stone, for reestablished $\frac{1}{4}$ sec. cor. of sec. 17, marked on brass cap



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.

49.40
60.00
62.40
81.63

Ravine, course S. Thence along S. slope.

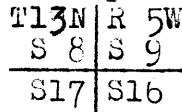
Desc. 30 ft.

Gulch, course SW. Asc. 170 ft.

Intersect old cor. of secs. 8, 9, 16 and 17, which is a malpais stone 18x10x5 ins., loosely set, marked and witnessed as described by the Surveyor General.

I reestablish this cor. as follows:

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, marked on brass cap



1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, catclaw, scrub oak and crucifixion thorn.

Chains

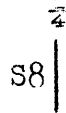
N.0°46'W., on a true line, on the E. bdy. of sec. 8, over mountainous land, through scattering undergrowth. Asc. 85 ft.

5.00 Short spur, slopes W. Desc. 50 ft.

7.50 Gulch, course W. Asc. 510 ft.

38.37 Fail to find any trace of old $\frac{1}{4}$ sec. cor. after diligent search in this vicinity.

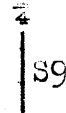
Therefore at this point, (40.00 chs. minus the northing of the S. bdy. of sec. 8), set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground and 16 ins. in a mound of stone, for reestablished $\frac{1}{4}$ sec. cor. of sec. 8, marked on brass cap



and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

38.55 Top of ascent, bears E. and W. Thence over rolling mesa.

42.40 (proportionate distance) set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground and 4 ins. in a mound of stone, for reestablished $\frac{1}{4}$ sec. cor. of sec. 9, marked on brass cap

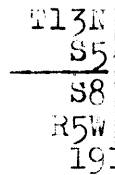


and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.

54.50 Edge of mesa, bears NW. and SE. Desc. 500 ft.

78.37 Fail to find any trace of the cor. of secs. 4, 5, 8 and 9, after diligent search in this vicinity.

Therefore at this point, (80.00 chs. minus the northing of the S. bdy. of sec. 8), set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground and 12 ins. in a mound of stone, for reestablished cor. of secs. 5 and 8, marked on brass cap



and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, mountainous.

Soil, rocky; 4th rate.

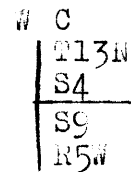
No timber.

Undergrowth, catclaw, scrub oak, mesquite and crucifixion thorn.

N.0°46'W., on a true line, on E. bdy. of sec. 5, over mountainous land, through scattering undergrowth. Desc. 75 ft.

6.43 (proportionate distance) True point for reestablished cor. of secs. 4 and 9 falls in canyon. Therefore at

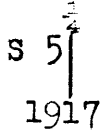
6.10 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground and 4 ins. in a mound of stone, for witness cor. to the reestablished cor. of secs. 4 and 9, marked on brass cap



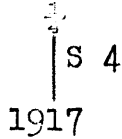
and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Resurvey of a portion of Subdivision lines of T.13 N., R.5 W. 5

Chains
 6.43 (84.80 chs. N.0°46'W. of reestablished cor. of secs. 8, 9, 16 and 17) The true point for reestablished cor. of secs. 4 and 9 falls in canyon, course NW. Ascend 165 ft. to
 36.65 Short spur, slopes SW. Descend to
 39.33 Gulch, course W. Ascend 365 ft.
 40.00 Diligent search in this vicinity failed to reveal any trace of the original $\frac{1}{4}$ sec. cor. of secs. 4 and 5. Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground, in a mound of stone, for reestablished $\frac{1}{4}$ sec. cor. of sec. 5, marked on brass cap,



and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 48.83 (42.40 chs. N.0°46'W. of reestablished cor. of secs. 4 and 9) Diligent search in this vicinity failed to reveal any trace of the original $\frac{1}{4}$ sec. cor. Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, in a mound of stone, for reestablished $\frac{1}{4}$ sec. cor. of sec. 4, marked on brass cap,



and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 50.73 Spur, slopes W. Descend 280 ft. to
 61.28 Canyon, course S.75°W. Ascend 330 ft.
 76.63 Top of ascent; thence over rolling mesa.
 81.63 Descend 170 ft. to
 87.65 Canyon, course S.75°W. Ascend 145 ft. to
 91.53 (85.10 chs. N.0° 46'W. of reestablished cor. of secs. 4 and 9), Intersect the original cor. of secs. 4, 5, 32 and 33, on N. bdy. of Tp., which is a malpais stone, 6x10x10 ins. above ground, firmly set, marked and witnessed, as described by the surveyor general.
 Sand, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, catclaw, scrub oak, mesquite and crucifixion thorn.

6. Survey of completion of Subdivision of T.13 N., R.15 W.

Chains.

From the original cor. of secs. 17,18,19 and 20, which is a stone, hereinbefore described,
 West, on a random line, bet. secs.18 and 19.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 79.84 Intersect Wth bdy.of Tp., 2 lks.N. of the original cor.of secs.13,18,19 and 24, which is a stone 16x10x10 ins., set,marked and witnessed as described by the surveyor-general.
 Thence,
 N.89°59'E., on a true line, bet. secs.18 and 19.
 Over mountainous land, thru.scattering undergrowth.
 Descend 125 ft.
 10.64 Fence brs.N. 20°E. and S.20°W.
 13.34 Gulch, course N. Ascend 90 ft.to
 34.85 Spur, slopes NW. Descend 80 ft.
 39.84 Set an iron post, 3 ft.long, 1 in. in diam., 6 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec.cor., marked on brass cap,

$\frac{1}{4}$ S 18
 S 19
 1917

and raise a mound of stone, 2 ft.base, 1 $\frac{1}{2}$ ft.high, N.of cor.
 43.85 Gulch, course N.20°E. Ascend to
 54.85 Descend 150 ft.to
 79.84 The original cor.of secs.17,18,19 and 20.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, none.
 Undergrowth, catclaw, scrub oak and crucifixion thorn.

 From the original cor. of secs.7,8,17 and 18, hereinbefore described,
 S.89°59'W., on a random line, bet. secs.7 and 18.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 79.73 Intersect Wth bdy. of Tp., 35 lks.N. of the original cor. of secs. 7,12,13 and 18, which is a stone, 12x10x10 ins., set, marked and witnessed as described by the surveyor general.
 Thence,
 N.89°44'E., on a true line, bet. secs. 7 and 18.
 Over rolling land, thru.scattering undergrowth.
 15.00 Edge of Kirkland Creek, brs.S.1.50 chs.dist.
 20.00 Edge of Kirkland Creek, brs.S. .50 chs.dist. Ascend 55 ft.to
 29.00 Top of malpais hill. Descend 195 ft.
 39.73 Set an iron post 3 ft.long, 1 in/ in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,

$\frac{1}{4}$ S 7
 S 18
 1917

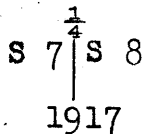
and raise a mound of stone, 2 ft.base, 1 $\frac{1}{2}$ ft. high, N.of cor.
 From this cor., John Charles' house brs.S.10°W. about 25 chs.dist.
 53.75 Cottonwood Creek, course S. Ascend 235 ft.
 55.43 Road brs.N.to Phoenix and S. to Prescott.
 76.90 Projecting rock, 15 ft.high. Descend 20 ft.to
 79.73 The original cor.of secs. 7,8,17 and 18.
 Land, rolling and mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, catclaw, scrub oak and crucifixion thorn.

Completion of Subdivision of T. 13 N., R. 5 W. 7

Chains.

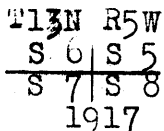
North bet. secs. 7 and 8.
Over mountainous land, through scattering timber and undergrowth.

Asc. 270 ft. to
30.60 Spur, slopes W. Desc. 165 ft. to
38.50 Gulch, course W. Asc. 115 ft.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

51.15 Spur, slopes W. Desc. 40 ft. to
57.35 Ravine, course W. Thence along W. slope.
60.00 Ravine, course W. Asc. 25 ft. to
62.10 Desc. 225 ft. to
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, in a mound of stone, for cor. of secs. 5, 6, 7 and 8, marked on brass cap,



From which

An ash, 6 ins. diam., brs. N. $62\frac{1}{4}^\circ$ E., 80 lks. dist., marked T13N R5W S5 BT.
A hackberry, 7 ins. diam., brs. S. $62\frac{1}{4}^\circ$ W., 93 lks. dist., marked T13N R5W S7 BT.
An ash, 6 ins. diam., brs. N. $52\frac{1}{2}^\circ$ W., 97 lks. dist., marked T13N R5W S6 BT.

No other trees within limits. Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, mountainous.

Soil, rocky, 4th rate.

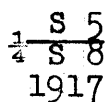
Timber, hackberry and ash.

Undergrowth, scrub oak, cat claw, scrub mahogany and crucifixion thorn.

40.00 East on a random line, bet. secs. 5 and 8.
80.48 Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, 14 lks. S. of the reestablished cor. of secs. 5 and 8.

Thence
S. $89^\circ 54'$ W., on a true line, bet. secs. 5 and 8.
Over mountainous land, through scattering undergrowth.

Asc. 320 ft. to
30.00 Top of ascent; desc. 365 ft.
40.48 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

60.00 Asc. 25 ft. to
65.00 Desc. 265 ft. to
80.48 The cor. of secs. 5, 6, 7 and 8.
Land, mountainous.
Soil, rocky, 4th rate.
No timber.

8. Completion of Subdivision of T. 13 N., R. 5 W.

Chains.

Undergrowth, cat claw, scrub oak and crucifixion thorn.

40.00 S.89° 44' W., on a random line, bet. secs. 6 and 7.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.76 Intersect W. bdy. of Tp., 19 lks. S. of the cor. of secs. 1, 6, 7 and 12, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General.
 Thence
 N.89° 52' E., on a true line, bet. secs. 6 and 7.
 Over mountainous land, through scattering timber and undergrowth.
 Desc. to
 4.05 Creek, course SW. Asc. 370 ft. to
 28.76 Edge of mesa, brs. NW. and SE. Thence over rolling mesa.
 39.76 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S 6
 $\frac{1}{4}$ S 7
 1917

And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 44.75 Leave mesa, desc. 465 ft. to
 73.75 Enter creek, course SW.
 77.15 Leave creek, course SW. Asc. to
 79.76 The cor. of secs. 5, 6, 7 and 8.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, ash and cottonwood.
 Undergrowth, cat claw, scrub oak and crucifixion thorn.

40.00 North on a random line, bet. secs. 5 and 6.
 Set temp. $\frac{1}{2}$ sec. cor.
 91.65 Intersect N. bdy. of Tp., 34 lks. E. of the original cor. of secs. 5, 6, 31 and 32, which is a malpais stone, 6 X 10 X 8 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General.
 Thence
 S.0° 13' E., on a true line, bet. secs. 5 and 6.
 Over mountainous land, through scattering timber and undergrowth.
 Desc. gradually to
 9.65 Creek, course S.20° E. Asc. 65 ft. to
 14.25 Desc. 30 ft. to
 16.95 Asc. 70 ft. to
 34.40 Spur, slopes SE. Desc. 150 ft. to
 48.65 Gulch, course SE. Asc. to
 51.65 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
 S 6 | S 5
 1917

And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 Desc. 70 ft. to
 61.65 Gulch, course SE. Asc. 40 ft. to
 73.85 Desc. 140 ft. to
 90.15 Cottonwood Creek, course S.60° W. Asc. to
 91.65 The cor. of secs. 5, 6, 7 and 8.
 Land, mountainous.
 Soil, rocky, 4th rate.

Completion of Subdivision of Township 13 North, Range 5 West. 9

Chains.
 Timber, hackberry, ash and cottonwood.
 Undergrowth, catclaw and crucifixion thorn.

Boundaries of that portion of T.13 N., R.5 W. subdivided under this Group.

Latitudes, departures, and closing errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
West boundary,	N.0°49'W.	40.56	40.56			.57
	N.0°10'E.	40.62	40.62		.12	
	N.0°2'E.	171.70	171.70		.09	
North boundary	East,	159.50			159.50	
Subdivisional Boundary.	S.0°46'E.	169.90		169.88	2.27	
	S.88°51'W.	81.63		1.64		81.61
	S.0°19'E.	81.45		81.45	.44	
	S.89°59'W.	79.84		.02		79.84
Convergency,					.07	
Totals,			252.88	252.99	162.49	162.02
	Error in latitude			252.88	162.02	
	Error in latitude,			.11		
	Error in departure,				.47	

GENERAL DESCRIPTION.

The lines surveyed in this township are very rough and broken, with very little grass, but covered with a scattering growth of catclaw, scrub oak and crucifixion thorn undergrowth. There are some scattering cottonwood, ash and hackberry trees along the creek bottoms. The soil may be classed as rocky, 4th rate, except for small flats of 2nd rate land along Kirkwood Creek. John Charles is located in sec.18.

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Theo. O. Johnston,
CERTIFICATE OF UNITED STATES SURVEYOR.

BOOK 3168 For

(See Book "C.")

I, _____, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for _____ bearing date of the _____ day of _____, 191____, 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, surveyed all those parts or portions of _____ of the _____ Meridian, in the State of _____, 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 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 _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Ariz., November 8, 1918.

retracement and re-
The foregoing field notes of the survey of part of the _____
Subdivision lines, and _____
SURVEY of the _____
Completion of the Subdivision lines of _____
TOWNSHIP 13 NORTH, RANGE 5 WEST.

of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by Theo. O. Johnston, U. S. Surveyor, and Sidney E. Blout, Assistant Supervisor of Surveys for Arizona and California under his special instructions dated October 5, 1915, for Group 60, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank P. [Signature]
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.~~

~~U. S. Surveyor General.~~