

3698

Book "A"
4-679

BOOK 3698

FIELD NOTES

OF THE RETRACEMENT OF

2nd Standard Parallel South, thru. parts of Ranges 17 and 18 East,

OF THE RESURVEY OF

2nd Standard Parallel South, thru. part of Range 18 East, and

Part of the Subdivision lines of

TOWNSHIP 11 SOUTH, RANGE 18 EAST,

AND OF THE SURVEY OF

Part (completion) of the Subdivision lines, and the

West half of North boundary of

TOWNSHIP 11 SOUTH, RANGE 18 EAST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Glenn F. Sawyer, U. S. Surveyor,

and

Theodore Vander Meer, U.S. Transitman,

In the capacity of U. S. Surveyors, under Special Instructions dated Oct. 24, 1923,
issued by the United States Surveyor General to govern surveys included in Group
No. 125, Arizona, which were approved by the Commissioner of the General Land
Office, November 3, 1923, and Assignment Instructions dated November 16, 1923

Retracement,
Resurvey, and Survey commenced November 30, 1923.

Retracement,
Resurvey and Survey completed December 7, 1923.

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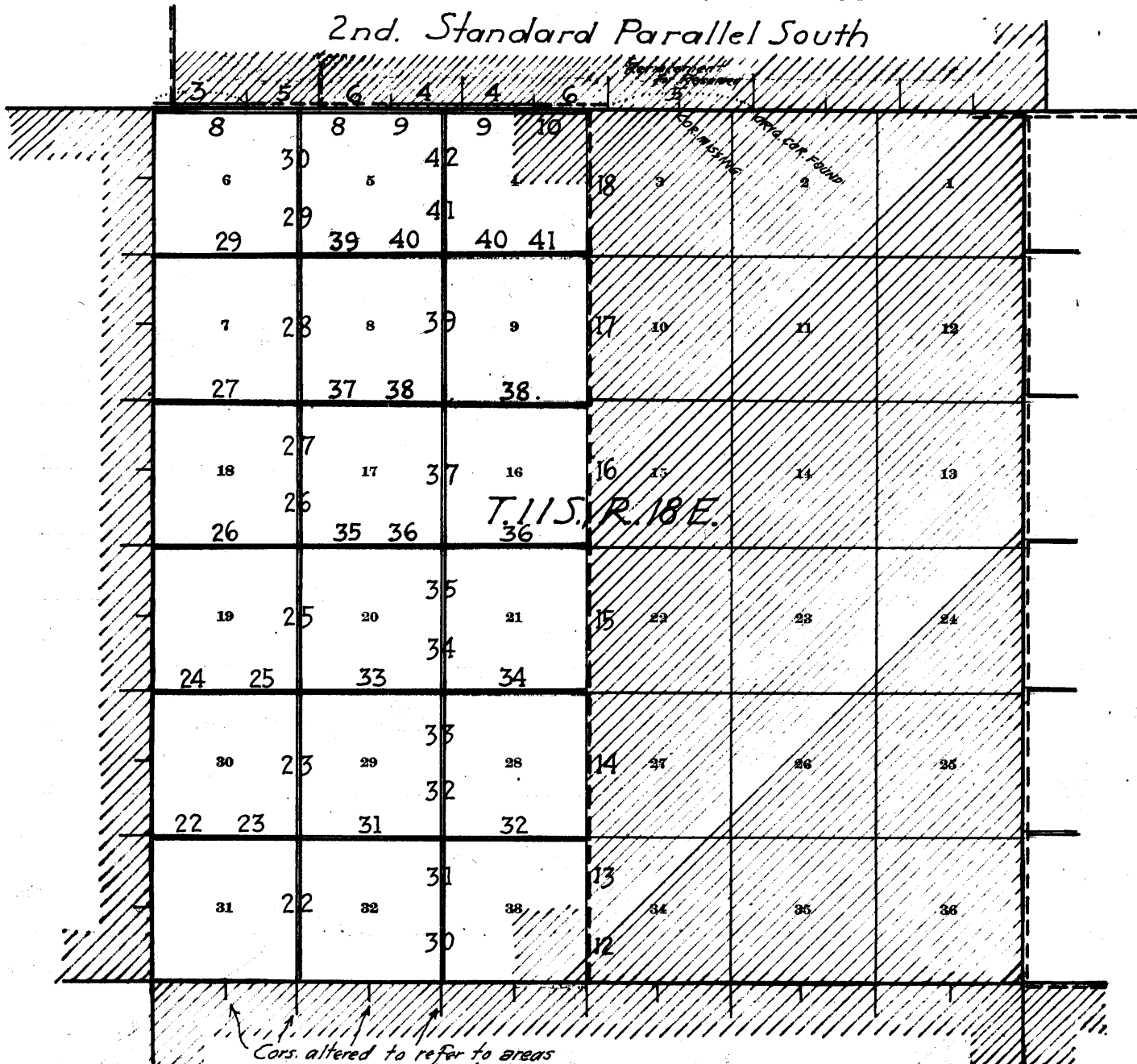
Book "A"

Group No. 125, Arizona.

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INDEX DIAGRAM.

2nd. Standard Parallel South



- Lines surveyed under this group.
- - - Lines resurveyed under this group.
- Lines retraced under this group.
- Accepted surveys.
- ▨ Areas surveyed as per accepted plats on file.

Retracements, Resurveys and Surveys herein described were executed on dates shown on diagram on page 1 hereof, by Glenn F. Sawyer, U. S. Surveyor, using Young and Sons light mountain transit No. 8478, and Theodore Vander Meer, U. S. Transitman, using Buff and Buff light mountain transit No. 9208, each equipped with full vertical circle and Smith Solar attachment; unless otherwise specified, all azimuth determinations were accomplished with the solar attachments.

November 27, 1923: We examine the adjustments of the transits and correct all errors; then, to test the solar apparatus, by comparing their indications, resulting from observations, made during a.m. and p.m. hours with a meridian established by Polaris observation, we proceed as follows:

November 28, 1923: Using Young and Son's transit No. 8478, at camp in the NW. $\frac{1}{4}$ of sec. 34, T11S R18E., G. and S. R. S. Base and Meridian, Arizona, latitude $32^{\circ}26'N.$, longitude $110^{\circ}36'W.$, at 3h 07m a.m., l.m.t., we observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in line thus determined on a peg driven firmly in the ground 5 chs. N.

Azimuth of Polaris at western elongation, $= 1^{\circ}18' 14''$

At 7h 45m a.m. l.m.t., we lay off the azimuth of Polaris, $1^{\circ}18'$ to the east and mark the meridian thus determined by a tack driven firmly in a peg, in the ground, 5 chs. N.

At 9h 0m a.m., l.m.t., we set off $32^{\circ}26'N.$ on the lat. arcs, $21^{\circ}11'S.$ on the decl. arcs; and determine a meridian with each solar, which we find to agree with the true meridian.

At apparent noon, using Buff and Buff transit No. 9208, make a meridian altitude observation of the sun for latitude, observing the altitude of the sun's lower limb with the telescope in direct position, reversing the transit and observing the sun's upper limb:

Apparent time of observation, noon	= 12h 0m
Mean observed altitude	= $36^{\circ}21'$
Reduced latitude	= $32^{\circ}26'$ which

agrees with the given latitude.

At the completion of the observation on the sun for latitude, with the lat. arcs unchanged, we observe the sun on the meridian; the resulting reading of each decl. arc is $21^{\circ}13'$, which agrees with the computed decl. of the sun.

At 3h 0m, p.m., l.m.t., with the lat. arcs unchanged, we set off $21^{\circ}14'S.$ on the decl. arcs and determine a meridian with each solar, which we 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, we conclude that the adjustments of the instruments are satisfactory.

Unless otherwise specified, all measurements are made with Lufkin steel tapes, 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 angles determined and the slope measurements properly reduced to true horizontal distances.

Chains.

The 2nd. Standard Parallel S., thru. R.18 E. was surveyed by T. F. White, U. S. D. S., in 1877, and thru. R.17 E. was surveyed by J. B. McLaughlin, U.S.D.S. in 1883.

No retracement or resurvey of the Parallel in R.18 E. is of record.

The std. cor. of Ts.10 S., Rs.17 and 18 E. was reconstructed in its original position by W. B. Alexander, U.S.D.S. in 1904, at which time he made an independent resurvey of the parallel thru. Range 17 East. No other retracement or resurvey of the line in Range 17 East is of record; however, in 1922, T.11 S., R.17 E. was surveyed by F. W. Chapin and Quintin Campbell, U.S. Surveyors, who established closing cors. at the points where the E. and W. boundaries and subdivision lines thereof intersected the Parallel.

The following notes describe a retracement of the parallel from the closing cor. of T.11 S., Rs.17 and 18 E. to the std. $\frac{1}{4}$ sec. cor. of sec.31, T.10 S., R.18 E., and from the std. $\frac{1}{4}$ sec. cor. of sec.32 to the std. $\frac{1}{2}$ sec. cor. of sec.33, both of T.10 S., R.18 E.

Thru. Part of Range 17 East.

The original closing cor. of Ts.11 S., Rs.17 and 18 E. is an iron post 3 ins. in diam., projecting 10 ins. above ground, firmly set, properly marked on brass cap, and witnessed by two properly marked palo verde bearing trees, one S.17°E., 191 lks. dist., and one S.16°W., 440 lks. dist.

Thence,

East, on random line, on S. bdy. of sec.36, T.10 S., R.17 E. Over mountainous land, thru. scattering timber and undergrowth.

1.04 Ascend 30 ft., over steep NW. slope, to Top of steep slope, brs. NE. and SW. Enter rolling land.

3.84 Ascend 20 ft., over NW. slope, to Tp. cor.

8.91 Road, brs. NE. and SW.
 Fall 3 lks. N. of the std. cor. of Ts.10 S., Rs.17 and 18 E., reconstructed in original position by W. B. Alexander, U.S.D.S. in 1904, which is a granite stone, 12x8x6 ins. above ground, firmly set, marked "SC 10S" on N. face, and 6 notches on each of E., W. and N. faces, and witnessed by a mound of stone N. of cor. No bearing trees.

The true course and dist of this part of S. bdy. of sec.36, T.10 S., R.17 E. is therefore, S.89°49'E., 8.91 chs.

Land, mountainous and rolling.

Soil, gravelly, 3rd rate. Timber, palo verde.

Undergrowth, greasewood, scrub palo verde, catclaw and mesquite and cactus.

Thru. part of Range 18 East.

From std. cor. of Ts.10 S., Rs.17 and 18 E., hereinbefore described,

East, on random line, on S. bdy. of sec.31 (W. $\frac{1}{2}$).

Over rolling land, thru. scattering undergrowth.

Ascend 28 ft., over NW. slope, to

6.13 Rim of mesa, brs. NE. and SW. Enter nearly level land and dense undergrowth, on mesa.

40.12 Fall 8 lks. S. of the original std. $\frac{1}{4}$ sec. cor. of sec.31, which is a granite stone, 12x12x8 ins. above ground, firmly set, marked "SC $\frac{1}{4}$ " on top, and witnessed by a mound of stone, N. of cor. No bearing trees.

True course and distance of W. $\frac{1}{2}$ of S. bdy. of sec.31, are therefore, N.89°53'E., 40.12 chs.

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4 Retracement of 2nd Std.Par.S., thru.parts of Ranges 17 & 18 E.

Chains.

Land, rolling and nearly level.
Soil, sandy and gravelly, 3rd rate.
Timber, none.
Undergrowth, greasewood, scrub mesquite, palo verde and
catclaw, and cactus.

The original std. $\frac{1}{4}$ sec. cor. of sec. 32, T.10 S., R.18 E. is
a granite stone, 8x8x8 ins. above ground, firmly set,
marked "SC $\frac{1}{4}$ " on N. face, and witnessed by a mound of
stone, N. of cor. No trace of the palo verde bearing
tree of record as NW. of cor.

Thence,
East, on random line, on S. bdy. of sec. 32 (E. $\frac{1}{2}$).
Over rolling land, thru. dense undergrowth.

- Descend slightly over E. slope, to
1.88 Head of wash, course E. Thence along S. side of wash.
Descend 40 ft., over NE. slope.
6.58 Center of wash, 200 lks. wide, course NE.
Ascend 25 ft., over NW. slope, to
13.47 Head of wash, course NW.
Ascend 28 ft., over gradual W. slope, to
18.45 Enter mountainous land.
Ascend 115 ft., over steep W. slope, to
25.96 Spur, slopes N. Enter rolling land.
Descend 59 ft., over E. slope, to
39.53 Fall 7 lks. N. of the original std. cor. of secs. 32 and 33,
which is a granite stone, 18x10x12 ins. above ground,
firmly set, marked with 2 notches on W. edge, and 4
notches on E. edge, and witnessed by a mound of stone,
N. of cor.
No trace of the palo verde bearing tree of record as NW.
of cor.
True course and dist. of E. $\frac{1}{2}$ of S. bdy. of sec. 32 are
therefore, S. 89° 54' E., 39.53 chs.
Land, rolling and mountainous.
Soil, sandy and gravelly, 3rd rate.
Timber, none.
Undergrowth, greasewood, scrub palo verde, catclaw and
cactus.

From original std. cor. of secs. 32 and 33, hereinbefore
described,

East, on random line, on S. bdy. of sec. 33 (W. $\frac{1}{2}$).
Over rolling land, thru. dense undergrowth.

- Descend 230 ft., over E. slope, to
33.62 Center of wash, 100 lks. wide, course NE. Thence over
nearly level land.
Descend slightly over NE. slope, to
39.62 Fall 22 lks. S. of the original std. $\frac{1}{4}$ sec. cor. of sec. 33,
which is a granite stone, 16x8x8 ins. above ground,
firmly set, marked "SC $\frac{1}{4}$ " on N. face, and witnessed by a
mound of stone N. of cor.
No trace of the two mesquite bearing trees of record as
NE. and SW. of cor.
True course and dist. of W. $\frac{1}{2}$ of S. bdy. of sec. 33 are
therefore, N. 89° 41' E., 39.62 chs.
Land, rolling, and nearly level.
Soil, sandy, 3rd rate.
Timber, none.
Undergrowth, scrub mesquite and palo verde, greasewood and
cactus.

Resurvey of 2nd Std. Par. S., thru. part of Range 18 East. 5

Chains.

The following notes describe a resurvey of the E. $\frac{1}{2}$ of S. bdy. of sec. 31, the W. $\frac{1}{2}$ of S. bdy. of sec. 32, and the E. $\frac{1}{2}$ of S. bdy. of sec. 33.

The original survey was executed by T. F. White, U.S.D.S. in 1877 and no retracement or resurvey is of record.

The land to the N. of the line in R. 18 E. being accepted surveyed area, the parallel is not subject to rectification in alignment.

The closing cor. of secs. 3 and 4, T. 11 S., R. 18 E. was established on the E. $\frac{1}{2}$ of S. bdy. of sec. 33, by J. L. Harris, U.S.D.S. in 1879, when surveying the subdivision lines of the E. $\frac{1}{2}$ of T. 11 S., R. 18 E.

Retracement for Resurvey.

- From the original std. $\frac{1}{4}$ sec. cor. of sec. 31, hereinbefore described,
 East, on random line, on S. bdy. of sec. 31 (E. $\frac{1}{2}$).
 40.12 Fall 5 lks. N. of old std. cor. of secs. 31 and 32, hereinafter described.
 True course and dist. of E. $\frac{1}{2}$ of S. bdy. of sec. 31 are therefore S. 89° 56' E., 40.12 chs.
 Thence,
 East, on random line, on S. bdy. of sec. 32 (W. $\frac{1}{2}$).
 39.91 Fall 7 lks. S. of the original std. $\frac{1}{4}$ sec. cor. of sec. 32, hereinbefore described.
 True course and dist. of W. $\frac{1}{2}$ of S. bdy. of sec. 32 are therefore N. 89° 54' E., 39.91 chs.

- From original std. $\frac{1}{4}$ sec. cor. of sec. 33, hereinbefore described,
 East, on a random line.
 29.35 Fall 19 lks. N. of the original closing cor. of secs. 3 and 4, T. 11 S., R. 18 E., hereinafter described.
 Continue line and measurement, searching diligently at record intervals for the original std. cors., but fail to find any trace of said cors., until at
 119.22 Intersect the original std. cor. of secs. 34 and 35, which is a granite stone, 24x18x9 ins. above ground, firmly set, marked "SC" on N. face, 4 notches on W. face, and 2 notches on E. face, and witnessed by a mound of stone, 3 ft. base, 2 ft. high, N. of cor. No bearing trees.
 This monument being a good durable stone, properly marked and witnessed, reconstruction is unnecessary.
 True course and dist. of the parallel from the std. $\frac{1}{4}$ sec. cor. of sec. 33 to this sec. cor. are therefore East, 119.22 chs., which, to maintain original proportion bet. cor. intervals gives three intervals of 39.74 chs. each for the reestablishment of the missing cors.

RESURVEY.

- From original std. $\frac{1}{4}$ sec. cor. of sec. 31, hereinbefore described,
 S. 89° 56' E., on true line, on S. bdy. of sec. 31 (E. $\frac{1}{2}$).
 Over nearly level land, on mesa, thru. dense undergrowth.
 0.12 Rim of mesa, brs. NW. and SE. Enter rolling land.
 Descend 42 ft. over NE. slope.
 6.51 Wash, 10 lks. wide, course N. near head.
 Ascend 35 ft., over NW. slope, to
 9.41 Rim of mesa, brs. NE. and SW. Thence over nearly level land on mesa.
 40.12 Intersect the std. cor. of secs. 31 and 32, which is a stake, 3 ins. square, projecting 2 ft. above ground, illegibly marked, and firmly set in a mound of stone.

Chains.

No bearing trees.

This cor. is of record as having been monumented with a granite, 18x14x8 ins., marked "SC" on N. face, 1 notch on W. face, and 5 notches on E. face, and witnessed by a mound of stone N. This stone cannot be found, but in view of the fact that the stake in mound of stone is in a position which agrees substantially with the record, assume that it is a reconstruction of the original monument in its original position, probably by some private surveyor.

Reconstruct this cor. monument as follows:

Remove the mound of stone, reset the stake, 16 ins. in the ground, in original position, and alongside same, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for std. cor. of secs. 31 and 32, with brass cap, marked,

S	C
T10S	R18E
S31	S32

1923

No bearing trees available.

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Land, rolling and nearly level.

Soil, sandy and gravelly, 3rd rate.

Timber, none.

Undergrowth, greasewood, cactus, scrub palo verde, cat-claw and mesquite.

-
- From std. cor. of secs. 31 and 32,
N. 89° 54' E., on a true line, on S. bdy. of sec. 32 (W. 2').
Over nearly level land, thru dense undergrowth, on mesa.
- 10.60 Rim of mesa, brs. NE. and SW. Leave mesa. Enter rolling land.
- 20.39 Descend 75 ft., over SE. slope.
Wash, 20 lks. wide, course NE.
- 30.60 Ascend 72 ft., over NW. slope.
Low spur, slopes NE.
- 31.90 Descend 10 ft., over E. slope.
Draw, course NE.
- 34.40 Ascend 10 ft., over NW. slope.
Spur, slopes NE.
- 39.91 Descend 19 ft., over E. slope, to
Intersect the original std. $\frac{1}{4}$ sec. cor. of sec. 32, hereinbefore described.
Land, nearly level and rolling.
Soil, sandy and gravelly, 3rd rate.
Timber, none.
Undergrowth, greasewood, cactus, scrub palo verde and catclaw.
-

- From original std. $\frac{1}{4}$ sec. cor. of sec. 33, hereinbefore described,
East, on true line, on S. bdy. of sec. 33 (E. $\frac{1}{2}$).
Over nearly level land, thru dense undergrowth.
- 6.33 Descend slightly over NE. slope, to
Wash, 20 lks. wide, course NE.
- 10.35 Ascend slightly over NW. slope, to
Enter mountainous land.
- 23.38 Ascend 215 ft., over NW. slope.
Spur, slopes NE. Enter gently rolling land.
- 29.35 Descend 36 ft., over E. slope to std. cor. of secs. 33 and 34.
From this point, the original closing cor. of secs. 3 and 4,
T. 11 S., R. 18 E., hereinafter described, brs. S. 19 lks. dist.

Resurvey of 2nd Std. Par. S., thru. part of Range 18 East. 7

Chains.

39.74 (Proportional dist.) Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for reestablished std. cor. of secs. 33 and 34, marked on brass cap,

S	C
T10S	R18E
S33	S34

1923

No bearing trees available.
 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Land, nearly level, mountainous and gently rolling.
 Soil, sandy and gravelly, 3rd rate.
 Timber, none.
 Undergrowth, greasewood, cactus, scrub mesquite and palo verde.

8 Survey of West half of North bdy. of Township 11 South, Range 18 E.

Chains.

The following notes describe the establishment on the 2nd
The Std. Par. S. of the $\frac{1}{4}$ sec. cors. referring to the quar-
ters of secs. 4, 5 and 6, T. 11 S., R. 18 E., those of
secs. 4 and 6 at midpoints; and that of sec. 4 at 40.00
chs. in westing from C. C. of secs. 3 and 4.

The 2nd Std. Par. S., retraced and resurveyed as hereinbe-
fore described, forms N. bdrs. of said sections, and
the establishment thereon of the $\frac{1}{4}$ sec. cors. of said
secs. constitutes a survey of the West half of N. bdy.
of T. 11 S., R. 18 E.

From original closing cor. of Ts. 11 S., Rs. 17 and 18 E.,
hereinbefore described,
S. 89° 49' E., on a true line, on N. bdy. of sec. 6.
Over mountainous land, thru. scattering timber and under-
growth.

1.04 Ascend 30 ft., over steep NW. slope, to
Top of steep slope brs. NE. and SW. Enter rolling land.

3.84 Ascend 48 ft., over NW. slope to rim of mesa.

Road, brs. NE. and SW.

8.91 Intersect the std. cor. of Ts. 10 S., Rs. 17 and 18 E.,
hereinbefore described.

Thence,

N. 89° 53' E., on true line, continuing measurement of N.
bdy. of sec. 6.

Leave scattering timber.

15.04 Rim of mesa, brs. NE. and SW. Enter nearly level land
and dense undergrowth, on mesa.

40.02 Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in
the ground to bed rock, supported in a mound of stone
for $\frac{1}{4}$ sec. cor. of sec. 6 only, marked on brass cap,

$\frac{1}{4}$ S 6
1923

No bearing trees available.

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.
Continue over nearly level land, thru. dense undergrowth on
mesa.

49.03 Intersect the original std. $\frac{1}{4}$ sec. cor. of sec. 31, hereinbe-
fore described.

Thence,

S. 89° 56' E., on true line, continuing measurement of N. bdy.
of sec. 6.

49.15 Rim of mesa, brs. NW and SE. Leave mesa. Enter rolling
land.

Descend 42 ft., over NE. slope.

55.54 Wash, 10 lks. wide, course N. near head.

Ascend 35 ft., over NW. slope, to

58.44 Rim of mesa, brs. NE and SW.

Thence over nearly level land on mesa.

80.04 Intersect the subdivision line bet. secs. 5 and 6, surveyed
N. 0° 1' E.

Closing cor. of secs. 5 and 6 established at this point of
intersection, as hereinafter described.

Land, mountainous, rolling and nearly level.

Soil, sandy and gravelly, 3rd rate.

Timber, palo verde in W. 9 chs.; none elsewhere.

Undergrowth, greasewood, scrub mesquite, palo verde and
catclaw and cactus.

From closing cor. of secs. 5 and 6,

S. 89° 56' E., on true line, on N. bdy. of sec. 5.

Over nearly level land, thru. dense undergrowth, on mesa.

9.11 Intersect the std. cor. of secs. 31 and 32, hereinbefore de-
scribed.

Thence,

Survey of West half of North bdy. of Township 11 South Range 18 East 9

Chains.	
	N. 89° 54' E., on true line, continuing measurement of N. bdy. of sec. 5.
19.71	Rim of mesa, brs. NE and SW. Leave mesa. Enter rolling land.
	Descend 75 ft., over SE. slope.
29.50	Wash, 20 lks. wide, course NE.
	Ascend 72 ft., over NW. slope.
39.71	Low spur, slopes NE.
	Descend slightly over E. slope, to
39.89	Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 5 only, marked on brass cap,
	$\frac{1}{4}$ S 5 1923
	No bearing trees available.
	Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.
	Descend 10 ft., over E. slope.
41.01	Draw, course NE.
	Ascend 10 ft., over NW. slope.
43.51	Spur, slopes NE.
	Descend 19 ft., over E. slope, to
49.02	Intersect the original std. $\frac{1}{4}$ sec. cor. of sec. 32, hereinbefore described.
	Thence,
	S. 89° 54' E., on true line, continuing measurement of N. bdy. of sec. 5.
	Descend slightly over E. slope, to
50.90	Head of wash, course E. Thence along S. side of wash.
	Descend 40 ft., over NE. slope.
55.60	Center of wash, 200 lks. wide, course NE.
	Ascend 25 ft., over NW. slope, to
62.49	Head of wash, course NW.
	Ascend 28 ft., over gradual W. slope, to
67.47	Enter mountainous land. Asc. 115 ft. over steep W. slope, to
74.98	Spur, slopes N. Enter rolling land. Desc. 19 ft. over E. slope, to
79.78	Intersect the Subdivision line, bet. secs. 4 and 5, surveyed N. 0° 1' E.
	Closing cor. of secs. 4 and 5 established at this point of intersection, as hereinafter described.
	Land, nearly level, rolling and mountainous.
	Soil, sandy and gravelly, 3rd rate.
	Timber, none.
	Undergrowth, greasewood, scrub mesquite, palo verde, catclaw and cactus.

	From closing cor. of secs. 4 and 5,
	S. 89° 54' E., on true line, on N. bdy. of sec. 4.
	Over rolling land, thru. dense undergrowth.
	Descend 40 ft., over E. slope, to
8.77	Intersect the Std. cor. of secs. 32 and 33, hereinbefore described.
	Thence,
	N. 89° 41' E., on true line, continuing measurement of N. bdy. of sec. 4.
	Descend 210 ft., over E. slope, to
37.74	(40.00 chs. in westing from closing cor. of secs. 3 and 4)
	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 4, marked on brass cap,
	$\frac{1}{4}$ S 4 1923
	No bearing trees available.
	Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.
	Descend 20 ft., over E. slope.
42.39	Center of wash, 100 lks. wide, course NE. Thence over

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10 Survey of West half of N.bdy.of T.11 S., R. 18 E.

chains.

- nearly level land.
- 48.39 Descend slightly over NE.slope,to
Intersect the std. $\frac{1}{4}$ sec.cor.of sec.33, hereinbefore de-
scribed.
Thence,
East, on true line, continuing measurement of N. bdy.of
sec.4.
- 54.72 Descend slightly over NE.slope,to
Wash, 20 lks.wide, course NE.
- 58.74 Ascend slightly over NW. slope,to
Enter mountainous land.
- 71.77 Ascend 215 ft.,over NW.slope.
Spur,slopes NE. Enter gently rolling land.
- 77.74 Descend 15 ft.,over E.slope,to
Intersect the subdivision line, bet. secs.3 and 4 resur-
veyed N.0° 21'E.
- Closing cor. of secs. 3 and 4, reestablished at this point
of intersection, as hereinafter described.
- Land, rolling, nearly level, mountainous and gently roll-
ing.
- Soil, sandy and gravelly, 3rd rate.
- Timber, none.
- Undergrowth, greasewood, cactus, scrub mesquite and palo
verde.
-

Resurvey of part of Subdivision lines of T.11 S., R.18 E. 11

Chains.

The subdivision lines of the East half of T.11 S., R.18 E. were surveyed in 1879 by J. L. Harris, U.S.D.S., and no retracement or resurvey of any part of same is of record.

The following notes describe a resurvey of the Third Meridional sec. line thru. the middle of the township, reconstructing all the existing $\frac{1}{4}$ sec. and sec. cor. monuments thereon by setting an iron post with brass cap alongside each one, and reestablishing all missing corners by proportional measurement.

The NE. $\frac{1}{4}$ of sec. 4, and the SE. $\frac{1}{4}$ of sec. 33 appear on the original plat of this township, approved Feb. 7, 1880 as surveyed areas; therefore, the $\frac{1}{4}$ sec. cors. of secs. 3 and 4, and of secs. 33 and 34 retain their original two-section reference; and as the excess measurement of the N. $\frac{1}{2}$ of line, bet. secs. 33 and 34 is within allowable limits, the original cor. of secs. 27, 28, 33 and 34 retains its original four-section reference, but the remainder of the $\frac{1}{4}$ sec. and sec. cors. are changed to refer to the areas E. of the line only.

The latitudinal section lines in the N. five miles of the fourth range of secs. are surveyed due east to points of intersection with the 3rd meridional sec. line, where closing cors. are established, as hereinafter described; and the $\frac{1}{4}$ sec. cors. of secs. 9, 16, 21 and 28 are then reestablished at midpoints between their respective closing corners.

Retracement for Resurvey.

The true point for cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp. in wash, course NE., reestablished by F.W. Chapin, U.S.S. was witnessed by him at a point 60 lks. W. The witness cor. is hereinafter described.

From true point for cor.,
 39.96 North, on random line, bet. secs. 33 and 34 (S. $\frac{1}{2}$).
 Fall 174 lks. W. of the original $\frac{1}{4}$ sec. cor., hereinafter described.

True course and dist. of S. $\frac{1}{2}$ of line, bet. secs. 33 and 34 are therefore N. 2° 29' E., 40.00 chs.

Thence,
 40.06 North, on random line, bet. secs. 33 and 34 (N. $\frac{1}{2}$).
 Fall 27 lks. E. of the original cor. of secs. 27, 28, 33 and 34, hereinafter described.

True course and dist. of N. $\frac{1}{2}$ of line, bet. secs. 33 and 34 are therefore, N. 0° 23' W., 40.06 chs.

38.80 North, on random line, on W. bdy. of sec. 27 (S. $\frac{1}{2}$).
 Fall 16 lks. W. of the original $\frac{1}{4}$ sec. cor. of secs. 27 and 28, hereinafter described.

True course and dist. of S. $\frac{1}{2}$ of W. bdy. of sec. 27 are therefore, N. 0° 14' E., 38.80 chs.

Thence,
 39.81 North, on random line on W. bdy. of sec. 27 (N. $\frac{1}{2}$).
 Fall 2 lks. E. of the original cor. of secs. 21, 22, 27 and 28, hereinafter described.

True course and dist. of N. $\frac{1}{2}$ of W. bdy. of sec. 27 are therefore N. 0° 2' W., 39.81 chs.

40.00 North, on random line, on W. bdy. of sec. 22.
 Diligent search in this vicinity fails to reveal any trace of the original $\frac{1}{4}$ sec. cor. of secs. 21 and 22.

79.59 Set temp. $\frac{1}{4}$ sec. cor., and continue line and measurement,
 Fall 111 lks. E. of the original cor. of secs. 15, 16, 21 and 22, hereinafter described.

12 Resurvey of part of the Subdivision lines of T.11 S., R.18 E.

Chains.

and 22, hereinafter described.

True course and dist. of W. bdy. of sec.22 are therefore, N.0°48'W., 79.60 chs.

40.00 North, on random line, on W.bdy.of sec.15.
Diligent search in this vicinity fails to reveal any trace of the original $\frac{1}{4}$ sec.cor. of secs.15 and 16.
Set temp. $\frac{1}{4}$ sec.cor., and continue line and measurement.
82.35 Fall 112 lks.E. of the original cor. of secs. 9,10,15 and 16, hereinafter described.
True course and dist. of W. bdy.of sec.15 are therefore, N.0°47'W., 82.36 chs.

40.00 North, on random line, on W.bdy.of sec.10.
Diligent search in this vicinity fails to reveal any trace of the original $\frac{1}{4}$ sec.cor. of secs.9 and 10.
Set temp. $\frac{1}{4}$ sec.cor., and continue line and measurement.
78.56 Fall 27 lks.W.of the original cor. of secs.3,4,9 and 10, hereinafter described.
True course and dist. of W. bdy. of sec.10 are therefore N,0°12'E., 78.56 chs.

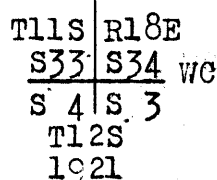
38.26 North, on random line, on W. bdy.of sec.3 (S.S).
Fall 181 lks.W. of the original $\frac{1}{4}$ sec.cor.of secs.3 and 4, hereinafter described.
True course and dist. of S. $\frac{1}{2}$ of W. bdy.of sec.3 are therefore, N.2°42'E., 38.30 chs.

Thence,

39.46 North, on random line, bet. secs.3 and 4 (N. $\frac{1}{2}$).
Fall, 24 lks.W. of the original closing cor. of secs. 3 and 4, hereinafter described.
This C.C. being 19 lks.S. of the N. bdy. of the Tp., continue line and measurement.
39.65 Intersect the N. bdy. of the Tp. (2nd.Std.Par.S.) at a point 24 lks.W.of the point for reestablishment of the closing cor. of secs.3 and 4.
True course and dist. of N. $\frac{1}{2}$ of line, bet. secs. 3 and 4 are therefore N.0°21'E., 39.65 chs.

RESURVEY.

The witness cor.to reestablished cor. of secs.3,4,33 and 34 on the S. bdy, of the Tp.is an iron post, 2 ins.in diam., projecting 10 ins. above ground, firmly set, marked on brass cap,



from which,

- A well, brs.N.53°49'E., 116 lks.dist.,
- A mesquite, 8 ins.in diam., brs. S.50°E., 120 lks.dist., marked WC T12S R18E S3 BT.
- A mesquite, 6 ins.in diam., brs.S.66°37'W., 111 lks.dist., marked WC T12S R18E S4 BT.
- SE.cor.of small house, brs.N.75 $\frac{1}{2}$ °W., 116 lks.dist.

From true point for sec.cor., N.2°29'E., on true line, bet. secs.33 and 34 (S. $\frac{1}{2}$) Over rolling land, thru.dense undergrowth.

4.20 Ascend 10 ft., over SE.slope, to Shallow wash, 10 lks.wide, course SE.

Resurvey of part of the Subdivision lines of T.11 S., R.18 E. 13

Chains.

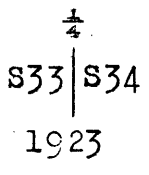
8.70 Ascend 17 ft., over S.slope, to
Enter mountainous land.

13.50 Ascend 102 ft. over steep S.slope, to
Enter rolling land.

24.00 Ascend 30 ft., over gradual S.slope, to
Flat spur, slopes E.

30.00 Descend 60 ft., over N.slope.
Wash, 20 lks. wide, course E.

40.00 Ascend 40 ft., over S.slope, to
Intersect the remains of the original $\frac{1}{4}$ sec. cor. of secs.
33 and 34, consisting of a mound of stone containing
part of the lower portion of the original wood post. The
upper part of the mesquite post, 2 ft. long, 5 ins. square
dimly marked " $\frac{1}{4}$ S" on one side is lying on the ground
alongside the mound. Reconstruct this cor. monument,
as follows:
Remove the mound of stone, and in center of its position,
reset the upper part of the original wood post, 12 ins.
in the ground, and alongside same, set an iron post, 3
ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$
sec. cor. of secs. 33 and 34, with brass cap, marked



No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Thence,
N.0°23'W., on true line, bet. secs. 33 and 34 (N. $\frac{1}{2}$).
Over rolling land, thru. dense undergrowth.

3.80 Ascend 30 ft., over S.slope.
Spur, slopes E.

7.40 Descend 29 ft., over N.slope.
Draw, course E.

23.60 Ascend 80 ft., over S.slope.
Spur, slopes E.

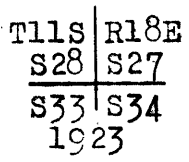
24.90 Descend 47 ft., over N.slope.
Old road, brs. NW. and SE.

29.00 Draw, course E.
Ascend 25 ft., over S.slope.

34.00 Spur. slopes E.
Descend 28 ft., over N.slope, to

37.30 Enter mountainous land.
Descend 81 ft., over steep N.slope, to

40.06 Intersect remains of the original cor. of secs. 27, 28, 33 and
34, consisting of a mound of stone, containing a small
decayed piece of the original wood post. The upper por-
tion of the old mesquite post, 3 ft. long, 4 ins. square,
with one notch on one edge, and three notches on another
is lying on the ground alongside the mound of stone.
Reconstruct this cor. monument as follows: Remove the
mound of stone, and in center of its position, reset the
old mesquite post, 24 ins. in the ground, and alongside
same, set an iron post, 3 ft. long, 2 ins. in diam., 27
ins. in the ground, for cor. of secs. 27, 28, 33 and 34,
marked on brass cap,



No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, rolling and mountainous.
Soil, sandy and gravelly, 3rd rate.
Timber, none.
Undergrowth, scrub mesquite, palo verde and catclaw.

BOOK 3698

14 Resurvey of part of Subdivision lines of T.11 S., R.18 E.

Chairs.

- N.0°14'E., on true line, on W. bdy. of sec. 27 (S. $\frac{1}{2}$).
 Over mountainous land, thru. dense undergrowth.
 Descend 10 ft., over N. slope.
 0.30 Wash, 20 lks. wide, course E.
 Ascend 185 ft. over S. slope.
 10.50 Spur, slopes E.
 Descend 115 ft., over N. slope.
 15.00 Bottom of rocky gulch, course E.
 Ascend 40 ft., over S. slope.
 18.10 Spur, slopes E.
 Descend 70 ft., over N. slope.
 20.20 Rocky wash, 10 lks. wide, course E.
 Ascend 50 ft., over S. slope, to
 29.00 Top of ascent, brs. E. and W.; thence over nearly level land
 on top of spur sloping E.
 38.80 Intersect remains of original $\frac{1}{4}$ sec. cor. of secs. 27 and 28,
 consisting of a mound of stone, with badly decayed post
 in center, the marking on which is obliterated. Recon-
 struct this cor. monument, and alter same to refer to
 the quarters of sec. 27 only, as follows: Remove the
 mound of stone, and alongside old wood post, set an
 iron post, 3 ft. long, 1 in. in diam., 6 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. of sec. 27 only, marked on brass cap,

 $\frac{1}{4}$ S 27

1923

No bearing trees available.

Thence,

- N. 0°12'W., on a true line, on W. bdy. of sec. 27 (N. $\frac{1}{2}$).
 Over nearly level land on top of spur, sloping E.
 1.00 (Midpoint of E. bdy. of sec. 28) Set an iron post, 3 ft.
 long, 1 in. in diam., 20 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 reestablish-
 ed $\frac{1}{4}$ sec. cor. of sec. 28 only, marked on brass cap,

 $\frac{1}{4}$ S 28

1923

No bearing trees available.

- 1.20 Leave top of spur. Enter mountainous land.
 Descend 120 ft., over N. slope.
 8.20 Wash, 50 lks. wide, course S. 70° E.
 Ascend 200 ft., over S. slope.
 31.70 Spur, slopes E. Enter rolling land.
 Descend 60 ft., over N. slope, to
 39:81 Intersect the original cor. of secs. 21, 22, 27 and 28, which
 is a decayed mesquite post, 3 ins. square, projecting
 24 ins. above ground, firmly set in ground and mound
 of stone, notches on N. and S. edges of post. Recon-
 struct this cor. monument, and alter same to refer to
 secs. 22 and 27 only, as follows: Remove the mound of
 stone, and alongside the old mesquite post, set an
 iron post 3 ft. long, 2 ins. in diam., 15 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 cor. of secs. 22 and 27 only, marked on brass
 cap,

T11S R18E

S28 | S22

| S27

1923

No bearing trees available.

Land, mountainous, nearly level and rolling.

Resurvey of part of Subdivision lines of T.11 S., R.18 E. 15

Chains.

Soil, sandy and gravelly, 3rd rate.
 Timber, none.
 Undergrowth, scrub palo verde, mesquite, cactus, catclaw
 and greasewood.

-
- N.0°48'W., on true line, on W. bdy. of sec. 22.
 Over mountainous land, thru. dense undergrowth.
 Descend 112 ft., over N. slope.
- 0.99 Intersect the subdivision line bet. secs. 21 and 28, surveyed
 due east. C.C. of said secs. established at this point,
 as hereinafter described.
- 9.50 Bottom of gulch, course E.
 Ascend 105 ft., over S. slope.
- 16.80 Spur, slopes E.
 Descend 27 ft., over N. slope, to
- 20.00 Top of vertical bluff, brs. E. and W., facing N.
 Descend 90 ft., to
- 23.00 Foot of same bluff, brs. E. and W. Enter rolling land.
 Descend 15 ft., to
- 27.00 Wash, 20 lks. wide, course E.
 Ascend 30 ft., over gradual S. slope, to
- 35.40 Foot of bluff, bearing E. and W., facing S. Enter mountain-
 ous land.
 Ascend 90 ft., to
- 37.80 Top of same bluff, bearing E. and W. Enter rolling land.
 Ascend 10 ft., over S. slope, to
- 39.80 (Proportional dist.) Set an iron post, 3 ft. long, 1 in. in
 diam., 27 ins. in the ground, for reestablished $\frac{1}{4}$ sec.
 cor. of sec. 22 only, marked on brass cap,

1/4 S 22

1923

- No bearing trees available. Raise a mound of stone, 3
 ft. base, 2 ft. high, E. of cor.
 Ascend gradually over S. slope, to.
- 41.03 (Midpoint of E. bdy. of sec. 21) Set an iron post, 3 ft. long
 1 in. in diam., 27 ins. in the ground, for reestablish-
 ed $\frac{1}{4}$ sec. cor. of sec. 21 only, marked on brass cap,

1/4 S 21

1923

- No bearing trees available.
 Raise mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Ascend 40 ft., over S. slope.
- 49.80 Short spur, slopes E. Enter mountainous land.
 Descend 150 ft., over N. slope.
- 58.30 Draw, course E.
 Ascend 160 ft., over S. slope.
- 70.00 Spur, slopes E.
 Descend 140 ft., over N. slope, to
- 79.60 Intersect the original cor. of secs. 15, 16, 21 and 22, which
 is a mesquite post, 3 ins. square, projecting 2 ft. above
 ground, firmly set in ground and mound of stone, marked
 with 3 notches on each of N. and S. edges. No access-
 ories.

Reconstruct this cor. monument, and alter same to refer to
 secs. 15 and 22 only, as follows:

Remove the mound of stone, and alongside old mesquite post
 Set an iron post, 3 ft. long, 2 ins. in diam., 18 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 cor. of secs. 15 and 22 only, marked
 on brass cap,

T11S | R18E

S15

S21 | S22

1923

BOOK 3698

16 Resurvey of part of Subdivision lines of T.11 S. R. 18 E.

Chains.

No bearing trees available.
 Land, rolling and mountainous.
 Soil, sandy and gravelly, 2nd and 3rd rate.
 Timber, none.
 Undergrowth, scrub mesquite, greasewood, cactus and catclaw.

-
- N.0°47'W., on true line, on W. bdy. of sec. 15.
 Over mountainous land, thru. dense undergrowth.
 Descend 60 ft., over N. slope.
- 1.47 Intersect the subdivision line, bet. secs. 16 and 21, surveyed due East. C.C. of said secs. established at this point, as hereinafter described.
- 5.40 Wash, 20 lks. wide, course NE. Enter rolling land.
 Ascend 30 ft., over SW. slope.
- 9.20 Top of ascent on W. side of small detached hill, the top of which brs. E. 20 lks. dist.
 Descend 34 ft., over NW. slope, to
- 14.10 Foot of hill, brs. NE and SW. Enter nearly level land.
 Descend slightly over NW. slope, to
- 25.00 Wash, 20 lks. wide, course E.
 Ascend slightly over S. slope, to
- 28.00 Foot of spur, brs. E. and W. Enter mountainous land.
 Ascend 60 ft., over S. slope.
- 33.51 Point of spur, slopes SE.
 Descend 60 ft., over NE. slope.
- 35.58 Wash, 15 lks. wide, course SE.
 Ascend 70 ft., over S. slope, to
- 38.00 Top of bluff, 50 ft. high, bearing E. and W., facing S.
 Ascend gradually over SE. slope, to
- 41.18 (Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 15 only, marked on brass cap,

4s 15

1923

- No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.
 Ascend 5 ft., over SE. slope, to
- 41.53 (Midpoint of E. bdy. of sec. 16) Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 16 only, marked on brass cap,

4s 16

1923

- Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Ascend 56 ft., over SE. slope.
- 46.18 Spur, slopes NE. Enter rolling land.
 Descend 100 ft., over NW. slope.
- 74.88 Wash, 40 lks. wide, course NE.
 Ascend 46 ft., over SE. slope, to
- 81.60 Intersect the subdivision line bet. secs. 9 and 16, surveyed due east. C.C. of said secs. established at this point, as hereinafter described.
- 82.36 Intersect the original cor. of secs. 9, 10, 15 and 16, which is a mesquite post, 3 ins. square, marked with 4 notches on S. edge, and 3 notches on E. edge, projecting 2 ft. above ground, firmly set in ground and mound of stone.
 No accessories.
 Reconstruct this cor. monument, and alter same to refer to secs. 10 and 15 only, as follows:
 Remove the mound of stone, and alongside old wood post, Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 10 and 15 only, marked on brass cap,

Resurvey of part of Subdivision lines of T.11 S., R.18 E. 17

Chains.

T11S	R18E
S 9	S10
	S15

1923

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor. Land, mountainous, rolling and nearly level. Soil, sandy, 2nd and 3rd rate. Timber, none. Undergrowth, greasewood, cactus, scrub mesquite and palo verde.

N.0°12'E., on a true line, on W. bdy. of sec. 10. Over mountainous land, thru. dense undergrowth. Ascend 60 ft., over SE. slope.

- 9.00 Spur, slopes E. Descend 80 ft., over N. slope, to
- 11.80 Foot of spur, brs. E. and W. Enter nearly level land. Descend slightly to
- 15.00 Wash, 20 lks. wide, course E. Ascend slightly, to
- 18.80 Foot of spur, brs. E. and W. Enter mountainous land. Ascend 80 ft., over S. slope.
- 21.00 Spur, slopes E. Descend 100 ft., over N. slope.
- 29.30 Wash, 30 lks. wide, course E. Ascend 96 ft., over S. slope.
- 39.10 Spur, slopes E. Enter rolling land. Descend slightly over N. slope, to
- 39.18 (Midpoint of E. bdy. of sec. 9) Set an iron post, 3 ft. long, 1 in. in diam., 20 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 reestablished $\frac{1}{4}$ sec. cor. of sec. 9 only, marked on brass cap,

S 9

1923

No bearing trees available.

- 39.28 Descend slightly over N. slope, to (Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 20 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 reestablished $\frac{1}{4}$ sec. cor. of sec. 10 only, marked on brass cap,

S10

1923

No bearing trees available.

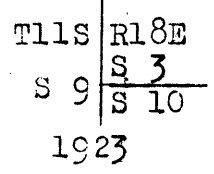
- 43.00 Descend 15 ft., over N. slope.
- 56.70 Ascend 61 ft., over S. slope. Spur, slopes E. Descend 53 ft., over NE. slope, to
- 76.50 Top of bluff bearing E. and SW. facing N. Enter mountainous land. Descend 100 ft., over N. slope, to
- 78.00 Foot of same bluff, brs. E. and SW. Enter nearly level land. Descend slightly to
- 78.56 Intersect the original cor. of secs. 3, 4, 9 and 10, which is a mesquite post, 4 ins. square, marked with 5 notches on S. edge, and 3 notches on E. edge, projecting 3 ft. above ground, firmly set and witnessed by one bearing tree; A mesquite, 5 ins. in diam., S. 86° E., 60 lks. dist., marked T11S R18E S10 BT.

No other accessory. Reconstruct this cor. monument, and alter same to refer

1923

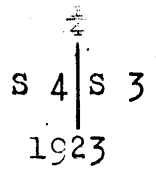
18 Resurvey of part of the Subdivision lines of T.11 S. R.18 E. Chains.

to secs.3 and 10 only, as follows:
Alongside old mesquite post, set an iron post, 3 ft.long, 2 ins.in diam., 27 ins.in the ground for cor.of secs.3 and 10 only, marked on brass cap,



No new bearing trees available.
Raise a mound of stone, 3 ft. base, 2 ft.high, E.of cor. Land, mountainous, rolling and nearly level.
Soil, sandy and gravelly, 2nd and 3rd rate.
Timber, very scattering mesquite at N. end of mile.
Undergrowth, greasewood, scrub palo verde, cactus and cat-claw.

- 0.56 N.2°42'E., on true line, on W. bdy.of sec.3 (S.2).
Over nearly level land, thru.dense undergrowth.
Descend slightly to wash.
Intersect the subdivision line, bet. secs.4 and 9, surveyed due east. C.C.of said secs.established at this point, as hereinafter described.
- 1.60 Wash, 50 lks.wide; course NE. Enter rolling land.
Ascend 100 ft. over SE.slope.
- 26.50 Flat topped spur slopes NE.; thence across same.
- 31.50 Leave top of spur.
- 38.30 Descend 30 ft. over N.slope, to
Intersect the original 1/4 sec.cor. of secs.3 and 4, which is a mesquite post, 4 ins.square, marked "1/4" on W.face, projecting 3 ft. above ground, firmly set in ground, and mound of stone. No accessories.
Reconstruct this cor. mon. as follows: Remove the mound of stone, and alongside old wood post, set an iron post, 3 ft.long, 1 in. in diam., 18 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 1/4 sec.cor.of secs.3 and 4, marked on brass cap,



- No bearing trees available.
Thence,
N.0°21'E., on true line, on W. bdy.of sec.3 (N.1/4).
Over rolling land, thru.dense undergrowth;
Descend 20 ft. over N.slope, to
4.00 Top of bluff, 100 ft.high, bearing E. and W., facing N.
Enter mountainous land.
- 5.20 Foot of same bluff, brs.E. and W. Thence over nearly level land, across wide draw, draining E.
- 13.50 Foot of spur, brs.E.and W. Enter rolling land.
Ascend 120 ft., over SE.slope.
- 25.00 Spur, slopes E. Descend ft.over NE. and E. slopes, to
- 39.46 Intersect the original closing cor. of secs.3 and 4, which is a mesquite post, 4 ins.square, marked "CC T11S R18E" on S.face, projecting 3 ft. above ground, firmly set in ground and mound of stone. No accessories.
Alter this cor.monument to a witness point, by marking "WP" on S.face, and obliterating old marking thereon.
Continue line and measurement.
- 39.65 Descend slightly over E.slope, to
Intersect the N. bdy.of the Tp. (2nd Std. Parallel South) at a point 10.39 chs.W. of the reestablished std.cof. of secs.33 and 34, hereinbefore described. At point

Resurvey of part of the Subdivision lines of T. 11 S., R. 18 E. 19

Chains.

of intersection, set an iron post, 3 ft. long, 2 ins. in dia., 20 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 reestablished closing cor., of secs. 3 and 4, marked on brass cap,

T10S R18E
S33
 S 4 S 3
 T11S R18E
 C|C
 1923

No bearing trees available.
 Land, nearly level, rolling and mountainous.
 Soil, sandy and gravelly, 3rd rate.
 Timber, none.
 Undergrowth, scrub mesquite, palo verde, greasewood and cactus.

 Boundaries of East half of Township 11 South, Range 18 E.

Latitudes, departures, and closing errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary,	West,	236.25				236.25
West boundary,	North,	476.55	476.55			
North boundary, (2nd. Std. Par. S.)	S. 80° 49' E.	8.91		.03	8.91	
	N. 80° 53' E.	40.12	.08		40.12	
	S. 80° 56' E.	40.12		.05	40.12	
	N. 80° 54' E.	39.01	.07		39.91	
	S. 80° 54' E.	39.53		.07	39.53	
	N. 80° 41' E.	39.62	.22		39.62	
	East,	29.35			29.35	
Subdivisional boundary,	S. 0° 21' W.	39.65		39.65		.24
	S. 2° 42' W.	38.30		38.26		1.81
	S. 0° 12' W.	78.56		78.56		.27
	S. 0° 47' E.	82.36		82.35	1.12	
	S. 0° 48' E.	79.60		79.59	1.11	
	S. 0° 2' E.	39.81		39.81	.02	
	S. 0° 14' W.	38.80		38.80		.16
	S. 0° 23' E.	40.06		40.06	.27	
	S. 2° 29' W.	40.00		39.96		1.74
Convergency,					.23	
Totals,			476.92	477.19	241.31	240.47
				476.92		240.31
	Error in latitude,			.027		
	Error in departure,					0.16

20 Alteration of cor. on part of S. bdy. of Township 11 S., R. 18 E. Chains.

The West 2 1/2 miles of the South bdy. of T. 11 S., R. 18 E. were surveyed in 1921 by F. W. Chapin, U. S. S. establishing sec. and 1/4 sec. cor. monuments thereon with reference to areas S. of line only.

The following notes describe the alteration of all these corners to refer to areas on both sides of the line.

Cor. of secs. 4 and 5 to cor. of secs. 4, 5, 32 and 33.

The original cor. of secs. 4 and 5, T. 12 S., R. 18 E. is an iron post, 2 ins. in diam., projecting 18 ins. above ground, firmly set in ground and mound of stone, properly marked on brass cap, for reference to said sections, and witnessed by two bearing trees as follows:

A palo verde, 4 ins. in diam., S. 75 1/2° E., 154 lks. dist., marked BT.

A juniper, 10 ins. in diam., S. 42 3/4° W., 21 lks. dist., marked T12S R18E S 5 BT.

Alter this cor. monument to also refer to secs. 32 and 33, T. 11 S., R. 18 E. by changing the marking on the brass cap to read:

T11S | R18E
S32 | S33
S 5 | S 4
T12S | R18E
1921-23

No bearing trees N. of line available.

1/4 sec. cor. of sec. 5 to 1/4 sec. cor. of secs. 5 and 32.

The original 1/4 sec. cor. of sec. 5, T. 12 S., R. 18 E. is an iron post, 1 in. in diam., projecting 9 ins. above ground, firmly set, properly marked on brass cap for reference to the quarters of said secs., and witnessed by a mound of stone, S. of cor. No bearing trees.

Alter this cor. monument to also refer to the quarters of sec. 32, by changing the marking on the brass cap to read:

1/4 S 32
S 5
1921-23

Destroy the mound of stone S. of cor., and raise a new mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. No bearing trees available.

Cor. of secs. 5 and 6 to cor. of secs. 5, 6, 31 and 32.

The original cor. of secs. 5 and 6, T. 12 S., R. 18 E. is an iron post, 2 ins. in diam., projecting 9 ins. above ground, firmly set, properly marked on brass cap for reference to said secs., and witnessed by a mound of stone, S. of cor. No bearing trees.

Alter this cor. monument to also refer to secs. 31 and 32, T. 11 S., R. 18 E., by changing the marking on the brass cap to read:

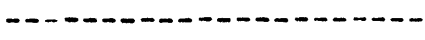
T11S | R18E
S31 | S32
S 6 | S 5
T12S | R18E
1921-23

No bearing trees available.

Alteration of cors. on part of South bdy. of Township 11 S. R. 18 E. 21

Chains.

Destroy the mound of stone, S. of cor., and raise a new mound of stone, 3 ft. base, 2 ft. high, W. of cor.



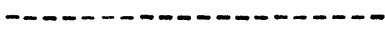
1/4 sec. cor. of sec. 6 to 1/4 sec. cor. of secs. 6 and 31.

The original 1/4 sec. cor. of sec. 6, T. 12 S., R. 18 E. is an iron post, 1 in. in diam., projecting 10 ins. above ground, firmly set, properly marked on brass cap for reference to the quarters of said sec., and witnessed by a mound of stone, S. of cor. No bearing trees.

Alter this cor. monument to also refer to the quarters of sec. 31, T. 11 S., R. 18 E. by changing the marking on the brass cap to read:

1/4 S 31
S 6
1921-23

Destroy the mound of stone S. of cor., and raise a new mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. No bearing trees available.



BOOK 3698

22. Survey of part(completion) of Subdivision lines of T.11 S.R.18 E.

Chains.

The following notes describe the survey of the Subdivision lines of the West half of T.11 S., R.18 E., which completes the subdivision of said township:

-
- From cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the Tp., hereinbefore described,
N.0°1'E., bet. secs. 31 and 32.
Over rolling land, thru. scattering undergrowth.
Ascend gradually over W. slope, to
4.00 Enter wash, 30 lks. wide, course SW. from N.
Ascend 10 ft. in wash, to
8.00 Leave same wash, course S. from NE.
Ascend 29 ft., over SE. slope.
22.20 Spur, slopes SW.
Ascend slightly over W. slope, to
27.20 Head of draw, course S.70°W.
Ascend 22 ft., over S. slope.
32.00 Road, brs. S.70°W. and N.70°E. on spur, sloping N.70°E.
Descend 62 ft., over NE. slope, to
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$
S31 | S32
1923

- No bearing trees available.
Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Continue over rolling land, thru. scattering undergrowth.
Descend 48 ft., over NE. slope.
62.10 Road, NW. and SE.
63.50 Wash, 15 lks. wide, course E.
Descend gradually over E. slope to sec. cor.
71.00 Enter wash, 20 lks. wide, course N. from SW.
74.25 Leave wash, course E. from S.
77.60 Wash, 10 lks. wide, course E.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, marked on brass cap,

T11S | R18E
S30 | S29
S31 | S32
1923

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, rolling.
Soil, sandy, 3rd rate. Timber, none.
Undergrowth, greasewood, cactus and scrub palo verde.

-
- West, on random line, bet. secs. 30 and 31.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.04 Intersect the W. bdy. of the Tp., 5 lks. S. of the original cor. of secs. 25, 30, 31 and 36, established by F.W. Chapin, U.S.S. in 1922, which is an iron post, 2 ins. in diam., projecting 10 ins. above ground, firmly set, properly marked on brass cap, for reference to said secs., and witnessed by a mound of stone, W. of cor.
No bearing trees.
Thence,
S. 89°58'E. on true line, bet. secs. 30 and 31.
Over nearly level land, thru. very scattering timber and scattering undergrowth.
3.91 Enter rolling land.
Ascend 34 ft., over NW. slope, to
7.80 Thence along N. slope.
Descend gradually to

Survey of part (completion) of Subdivision lines of T.11 S. R.18 E. 23

Chains.
 11.84 Descend 24 ft., over NE.slope.
 15.95 Descend gradually over N.slope.
 24.30 Fence brs,N.and S.
 25.92 Ascend 30 ft.,over NW.slope.
 31.50 N. edge of flat top of spur, sloping N+ 80°E.
 40.02 Descend gradually on top of spur,to
 Set an iron post, 3 ft.long, 1 in. in diam.,24 ins.in the
 ground,for $\frac{1}{4}$ sec.cor., marked on brass cap,

$\frac{1}{4}$ S 30
 S 31
 1923

No bearing trees available. Raise a mound of stone, 3 ft.
 base, 2 ft. high, N.of cor.
 58.00 Continue gradual descent on flat top of spur.
 S. edge of flat top of spur, brs.N.80°E. and S.80°W.
 66.30 Descend 40 ft.,over SE.slope,to
 Enter wash, course E. from SW.
 Descend gradually in wash,
 76.24 Road, brs.N.and S.
 78.80 Leave same wash, course NE. from W.
 Descend slightly over NE.slope,to
 80.04 The cor.of secs. 29,30, 31 and 32.
 Land, nearly level and rolling.
 Soil,sandy, 3rd rate,
 Timber,palo verde.
 Undergrowth, scrub palo verde, greasewood and cactus.

 N.0° 1'E., bet. secs. 29 and 30.
 Over rolling land, thru. scattering undergrowth.
 Descend slightly over NE. slope.
 0.80 Wash, course NE.
 Descend 20 ft.,over E.slope..
 5.00 Ascend 26 ft., over SE.slope.
 11.00 Point of spur,slopes NE.
 Descend 57 ft., over NE.slope,to
 16.50 Enter wash, 20 lks.wide, course N.from SW.
 Descend 80 ft. along wash, which crosses and recrosses
 the line several times.
 18.50 Road, brs.NE. and SW.
 24.00 Same road, brs. NW. and SE.
 32.90 Same road, brs.NE and SW.
 37.00 Same road, brs.NW: and SE.
 37.40 Leave same wash, course NE. from S.
 Descend 15 ft.,over NE.slope,to
 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 27 ins. in
 the ground, for $\frac{1}{2}$ sec.cor., marked on brass cap,

$\frac{1}{2}$
 S30 | S29
 1923

No bearing trees available. Raise a mound of stone,3 ft.
 base, 2 ft.high, W.of cor.
 43.90 Descend 40 ft., over NE.slope.
 Bottom of Edgar Canyon,200 lks. ide, course SE. Enter
 mountainous land.
 Ascend 160 ft.,over SW.slope.
 53.70 Point of spur,slopes SW.
 Descend 105 ft.,over NW.slope:
 62.32 Wash,12 lks.wide, course SW.
 Ascend 28 ft.,over S.slope.
 67.00 Spur,slopes SW.
 Descend 21 ft.,over NW.slope.
 72.55 Center of wash,200 lks.wide, course SW.
 Ascend 108 ft., over SE.slope,to
 79.90 Head of draw, course SE.

BOOK 3698

24 Survey of part(completion)of the Subdivision lines of T.11 S.R.18 E.

Chains.

80.00 Ascend slightly over S.slope, to
Set an iron post, 3 ft.long, 2 ins.in diam., 27 ins.in
the ground, for cor.of secs.19,20, 29 and 30,marked on
brass cap,

T11S R18E

S19 | S20

S30 | S29

1923

No bearing trees available. Raise a mound of stone, 3 ft.
base, 2 ft.high,W.of cor.

Land, rolling and mountainous.

Soil,sandy and rocky, 3rd rate.

Timber, none.

Undergrowth, greasewood and cactus.

40.00

N.89°58'W., on random line, bet. secs.19 and 30.

Set temp.¼ sec.cor.

80.04

Intersect the W. bdy. of the Tp., 7 lks.S.of the original
cor. of secs. 19,24, 25 and 30, established by F.W.
Chapin,U.S.S. in 1922, which is an iron post, 2 ins.in
diam.,projecting 18 ins. above ground, firmly set in
ground and mound of stone, properly marked on brass
cap for reference to said secs., and witnessed by four
bearing trees as follows:

A catclaw,4 ins.in diam.N.32½°E., 30 lks.
dist., marked BT.

A mesquite,6 ins.in diam.,S.11½°E.,16 lks.
dist., marked T11S R18E S30 BT.

A mesquite,6 ins.in diam.,S.60¼°W.,97 lks.
dist., marked T11S R17E S25 BT.

A wild china,10 ins.in diam.,N.79½°W.,99 lks.
dist., marked T11S R17E S24 BT.

Thence,

S.89°55'E.,on true line,bet.secs.19 and 30.

Over rolling land,thru.dense undergrowth.

Descend 28 ft.,over NE.slope,to

10.20 Enter wash,100 lks.wide; course E.from NW.

Descend gradually in wash,to

15.00 Leave same wash, course SE.from W. Enter mountainous land.

Ascend 10 ft.,over S.slope,to

18.56 Wash,10 lks.wide, course SW.

Ascend 120 ft.,over SW.slope.

33.00 Spur,slopes S.

Descend 45 ft.,over E.slope.

35.10 Gulch, course S.

Ascend 74 ft., over W.slope,to

40.02 Set an iron post, 3 ft.long, 1 in. in diam., 27 ins. in
the ground, for ¼ sec.cor., marked on brass cap,

S 19

S 30

1923

No bearing trees available. Raise a mound of stone, 3 ft.
base, 2 ft. high, N.of cor.

Ascend 15 ft.,over W.slope.

41.40 Road, brs.N.and S.on spur,sloping S.

Descend 65 ft.,over E.slope.

46.45 Head of gulch, course SE.

Ascend 51 ft., over SW.slope.

54.35 Spur, slopes S.

Descend 84 ft., over E.slope,to

62.70 Wash,20 lks.wide, course SE.

Ascend 34 ft., over SW.slope,to

64.64 Wash,20 lks.wide, course SW.

Ascend 64 ft., over W.slope.

Survey of part(completion) of Subdivision lines of T.11 S.R.18 E. 25

Chains.	
67.35	Spur, slopes S. Descend 53 ft., over E. slope.
69.65	Gulch, course S. Ascend 40 ft., over SW. slope.
79.40	Point of spur, slopes S. Descend 12 ft., over SE. slope, to
80.04	The cor. of secs. 19, 20, 29 and 30. Land, rolling and mountainous. Soil, sandy and gravelly, 3rd rate. Timber, none. Undergrowth, greasewood, scrub mesquite and cactus.

	N. 0° 1' E., bet. secs. 19 and 20. Over mountainous land, thru. scattering undergrowth. Ascend 95 ft., over S. slope.
4.00	Ridge, brs. E. and NW. Descend 200 ft., over N. slope.
15.30	Wash, 10 lks. wide, course W. near head. Ascend 10 ft., over SW. slope.
17.20	Point of spur, slopes W. Descend 40 ft., over NW. slope, to
25.00	Wash, 20 lks. wide, course E. Ascend 65 ft., over S. slope.
38.30	Spur, slopes E. Descend 15 ft., over N. slope, to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to bed rock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,
$\frac{1}{4}$ S19 S20 1923	
	No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Continue over mountainous land, thru. scattering under- growth.
44.00	Descend 57 ft., over N. slope. Wash, 15 lks. wide, course NE. Ascend 15 ft., over SE. slope.
46.00	Point of spur, slopes NE. Descend 20 ft., over N. slope.
47.70	Wash, 30 lks. wide, course E. Enter rolling land. Ascend 45 ft., over S. slope, to
59.60	Point of spur, slopes SE. Ascend 22 ft., over E. and SE. slopes.
67.00	Spur, slopes E. Descend 50 ft., over N. slope.
68.30	Bluff, 25 ft. high, bearing E. and W., facing N.
77.00	Wash, 20 lks. wide, course NE. Ascend 10 ft., over E. slope, to
78.00	Descend slightly over NE. slope, to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, marked on brass cap,
T11S R18E S18 S17 S19 S20 1923	
	No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor. Land, mountainous and rolling. Soil, sandy and gravelly, 3rd rate. Timber, none. Undergrowth, scrub palo verde, greasewood and cactus.

BOOK 3698

26 Survey of part(completion)of Subdivision lines of T.11 S.R.18 E.

Chains.	N.89°55'W., on random line, bet. secs.18 and 19.
40.00	Set temp. $\frac{1}{4}$ sec.cor.
79.92	Intersect the original cor.of secs.13,18,19 and 24, on the W.bdy.of the Tp. established by Quintin Campbell, U.S.S. in 1922, which is an iron post, 2 ins.in diam., projecting 10 ins. above ground, firmly set in ground, properly marked on brass cap, for reference to said secs., and witnessed by a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft.high, W.of cor. No bearing trees.
	Thence:
	S.89°55'E., on true line, bet. secs. 18 and 19.
	Over gently rolling land, thru.dense undergrowth.
	Descend 118 ft., over E. slope, to
39.96	Set an iron post, 3 ft.long, 1 in.in diam., 27 ins.in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,
	$\frac{1}{4}$ S 18' S 19' 1923
	No bearing trees available..Raise mound of stone, 3 ft. base, 2 ft.high, N.of cor.
	Continue over gently rolling land on mesa, thru. dense undergrowth.
	Descend 25 ft., over E.slope.
46.10	Wash, 6 lks.wide, course SE.
	Descend slightly over S.slope.
56.60	Edge of mesa, brs.NE. and SW. Leave mesa.
	Descend 40 ft., over SE. slope.
58.60	Left edge of wash, brs.NE. and SW. Thence across wash, course NE.
63.90	Right edge of same wash, brs.NE. and SW.
	Ascend 15 ft., over NW.slope.
66.60	Spur, slopes NE.
	Descend 50 ft., over E.slope, to
76.40	Wash, 15 lks.wide, course NE.
	Descend 20 ft., over NE.slope, to
79.92	The cor.of secs.17, 18, 19 and 20.
	Land, gently rolling.
	Soil, sandy and gravelly, 3rd rate.
	Timber, none.
	Undergrowth, greasewood, cactus and scrub palo verde.

	N,0°1'E., bet. secs. 17 and 18.
	Over gently rolling, thru. dense undergrowth.
	Descend gradually over NE.slope, to
7.70	Enter rolling land.
	Descend 25 ft., over N.slope.
10.00	Wash, 20 lks.wide, course NE.
	Ascend 65 ft., over SE.slope.
14.90	Top of creek bank, brs.E.and W.Desc.25 ft., over N.slope, to
15.90	Right edge of dry creek, brs.E.and W. Thence across dry creek, course E.
17.90	Left edge of dry creek, brs.E.& W.Asc.50 ft. over S.slope to
23.10	S.edge of flat topped spur, brs.E.& W. Thence across top
	N.of spur, sloping E.
28.20	N.edge of top of spur, brs.E.& W.Desc.20 ft., over N.slope.
32.10	Wash, 5 lks.wide, course E.
	Ascend 45 ft., over S.slope.
34.60	S.edge of mesa, brs.E.and W. Thence over nearly level top of mesa.
40.00	Set an iron post, 3 ft.long, 1 in.in diam., 27 ins.in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,

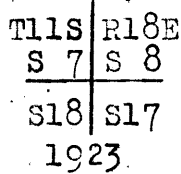
$\frac{1}{4}$
S18 | S17

1923

Survey of part(completion)of Subdivision lines of T.11 S. R.18 E. 27

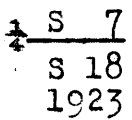
Chains.

No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft.high,W.of cor.
 Continue over nearly level top of mesa.
 45.00 N.edge of mesa, brs.E.and W.
 Descend 25 ft.,over N.slope,to
 52.67 Right edge of wash,brs.N.70°W. and S.70°E. Thence across wash,course S.70°E.
 54.00 Left edge of wash,brs.N.70°W. and S.70°E.
 Ascend 50 ft.,over S'slope.
 63.30 Spur,slopes SE.
 Descend 35 ft. over NE.slope.
 69.00 Wash,10 lks.wide, course SE.
 Ascend 48 ft.,over SW.slope, to
 73.00 Edge of mesa brs.NW. and SE. Thence over nearly level mesa.
 80.00 Set an iron post, 3 ft.long, 2 ins. in diam., 22 ins.in the ground to bed rock, supported in a mound of stone, for cor.of secs.7,8,17 and 18, marked on brass cap,



No bearing trees available. Raise a mound of stone, 3 ft.base, 2 ft. high, W.of cor.
 Land, gently rolling, rolling and nearly level.
 Soil, sandy and gravelly, 3rd rate.
 Timber, none.
 Undergrowth, greasewood, cactus and scrub palo verde.

 N.89°55'W., on random line, bet. secs.7 and 18.
 40.00 Set temp. 1/4 sec.cor.
 79.98 Intersect the W. bdy. of the Tp., 2 lks.N.of the original cor.of secs.7,12,13 and 18,established by Quintin Campbell,U.S.S.in 1922, which is an iron post, 2 ins.in diam., projecting 10 ins. above ground, firmly set in ground, properly marked on brass cap for reference to said secs., and witnessed by a mound of stone,2 ft. base, 1 1/2 ft.high,W.of cor. No bearing trees.
 Thence,
 S.89°56'E., on true line, bet. secs.7 and 18.
 Over rolling land, thru. dense undergrowth.
 Ascend 50 ft., over NW. slope.
 5.50 Descend 16 ft., over N.slope.
 13.50 Descend 45 ft., over NE.slope,to
 25.00 Descend gradually over N.slope,to
 39.99 Set an iron post, 3 ft.long, 1 in. in diam.,20 ins. in the ground to bed rock, supported in a mound of stone for 1/4 sec.cor., marked on brass cap,



No bearing trees available. Raise mound of stone, 3 ft. base, 2 ft.high, N.of cor.
 Descend gradually over NE.slope.
 45.50 Descend 40 ft., over E.slope.
 52.30 Wash, 10 lks.wide, course NE.
 Ascend 18 ft., over NW.slope.
 58.50 Spur,slopes NE.
 Descend 30 ft.,over SE.slope.
 65.50 Head of draw, course S.
 Ascend 25 ft., over SW.slope,to
 70.45 Edge of mesa, brs.NW. and SE. Thence over nearly level land on mesa.
 79.98 The cor.of secs.7,8,17 and 18.
 Land, rolling and nearly level.

BOOK 3698

28 Survey of part (completion) of Subdivision lines of T.11 S., R.18 E
Chains.

Soil, sandy, 3rd rate.
Timber, none.
Undergrowth, scrub palo verde, greasewood, catclaw and cactus.

- 5.00 N.0°1'E., bet. secs.7 and 8.
Over nearly level land, on mesa, thru, scattering undergrowth.
Edge of mesa, brs.E.and W. Leave mesa. Enter rolling land.
- 5.96 Descend 35 ft., over N.slope.
Wash, 30 lks.wide, course NE. near head.
- 9.95 Descend 32 ft., over NE.slope, to
Right edge of wash, brs.NE. and SW. Thence across wash, course NE.
- 11.90 Left edge of wash, brs.NE. and SW.
Ascend 66 ft., over S.slope.
- 21.10 Spur, slopes E.
Descend 35 ft., over N.slope.
- 24.50 Wash, 10 lks.wide, course E.
Ascend 30 ft., over S.slope, to
- 27.90 S. edge of flat topped spur, brs.E.and W. Thence across top of spur, sloping E.
- 33.90 N.edge of top of spur, brs.E.and W.
Descend 95 ft., over N.slope, to
- 40.00 Set an iron post, 3 ft. long, 1 in.in diam., 28 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,

$\frac{1}{4}$
S 7 | S 8
1923

- 43.20 No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft.high, W.of cor.
Descend 18 ft., over N.slope.
Wash, 8 lks.wide, course NE.
- 51.50 Ascend 35 ft., over SE.slope.
Spur, slopes E.
Descend 73 ft. over N.slope.
- 58.50 Dry Creek, course N.70°E.
Ascend 59 ft., over S.slope, to
- 65.50 Point of spur, slopes SE.
Ascend 14 ft., over SE.slope, to
- 67.50 Spur, slopes E. from NW.
Descend 50 ft., over NE.slope.
- 73.50 Wash, 10 lks.wide, course E.
Ascend 58 ft., over SE.slope.
- 78.60 Point of spur, slopes SE.
Descend 13 ft., over NE.slope, to
- 80.00 Set an iron post, 3 ft.long, 2 ins.in diam., 28 ins. in the ground, for cor. of secs.5,6,7 and 8, marked on brass cap,

T11S | R18E
S 6 | S 5
S 7 | S 8
1923

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft.high, W.of cor.
Land, nearly level, broken and rolling.
Soil, sandy, 3rd rate.
Timber, none.
Undergrowth, greasewood, cactus and scrub palo verde.

- 40.00 N.89°56'W., on random line, bet. secs.6 and 7.
Set temp. $\frac{1}{4}$ sec.cor.
- 79.98 Intersect the W. bdy. of the Tp., 27 lks.S.of the original cor.of secs.1,6,7 and 12, established by Quintin

Survey of part (completion) of Subdivision lines of T.11 S. R.18 E. 29

Chains.

Campbell, U.S.S. in 1922, which is an iron post, 2 ins. in diam., projecting 12 ins. above ground, firmly set in ground, properly marked on brass cap, for reference to said secs., and witnessed by a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. No bearing trees.

- Thence,
- S. 89° 45' E., on true line, bet. secs. 6 and 7.
- Over rolling land, thru. dense undergrowth.
- Descend gradually over N. slope, to
- 3.80 Descend 46 ft., over NE. slope, to
- 14.10 Wash, 10 lks. wide, course NE.
- Descend 13 ft., over NE. slope, to
- 17.60 Wash, 8 lks. wide, course NE.
- Ascend 30 ft., over NW. slope.
- 27.50 Spur, slopes NE.
- Descend 60 ft., over SE. slope.
- 35.50 Head of wash, course S.
- Ascend 10 ft., over SW. slope, to
- 39.99 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

$\frac{1}{4}$ S 6
 S 7
 1923

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Ascend 17 ft., over SW. slope.

- 42.70 Descend 115 ft., over broken SE. slope.
- 60.00 Wash, 8 lks. wide, course S.
- Ascend 17 ft., over SW. slope.
- 61.20 Spur, slopes S.
- Descend 79 ft., over E. slope.
- 73.20 Ascend 26 ft., over SW. slope.
- 79.00 Spur, slopes SE.
- 79.98 Descend 19 ft., over NE. slope, to

The cor. of secs. 5, 6, 7 and 8:
 Land, broken and rolling.
 Soil, sandy, 3rd rate.
 Timber, none.
 Undergrowth, scrub palo verde, cactus, catclaw and greasewood.

-
- N. 0° 1' E., on true line, bet. secs. 5 and 6.
 - Over rolling land, thru. dense undergrowth.
 - Descend 18 ft., over NE. slope.
 - 2.00 Ascend 150 ft., over S. slope, to
 - 9.50 S. edge of flat topped ridge, brs. SW. and E.
 - Thence across top of ridge.
 - 23.00 N. edge of top of same ridge, brs. E. and W.
 - Descend 30 ft., over N. slope.
 - 27.00 Wash, 20 lks. wide, course E.
 - Ascend 65 ft., over S. slope, to
 - 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

$\frac{1}{4}$
 S 6 | S 5
 1923

- No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
- Ascend 46 ft., over S. slope.
- 46.00 Spur, slopes W.
- Descend 97 ft., over N. slope.
- 54.00 Wash, course E. near head.

BOOK 3698

BOOK 3698

30 Survey of part (completion) of the Subdivision lines of T.11 S.R.18 E
chains.

- 56.50 Ascend 17 ft., over SE. slope.
S. edge of flat topped spur, brs. NE. and SW. Thence, across top of spur, sloping NE.
- 61.50 N. edge of top of spur, brs. E. and W.
- 69.00 Descend 75 ft., over N. slope.
Wash, 10 lks. wide, course S. 70° E.
- 72.60 Ascend 75 ft., over S. slope, to
S. edge of mesa, brs. E. and W. Thence over nearly level land on mesa.
- 76.89 Intersect the N. bdy. of the Tp. (2nd. Std. Par. S.) at a point 9.11 chs. N. 89° 56' W. from the standard cor. of secs. 31 and 32, T. 10 S., R. 18 E., hereinbefore described.
At point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for closing cor. of secs. 5 and 6, marked on brass cap,

T10S R18E	
S31	

C	C
S 6	S 5
T11S R18E	
1923	

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.
Land, rolling and nearly level.
Soil, sandy, 3rd rate.
Timber, none.
Undergrowth, scrub palo verde, catclaw, cactus and greasewood.

- From cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp., hereinbefore described,
N. 0° 1' E., bet. secs. 32 and 33.
Over mountainous land, thru. scattering undergrowth.
Descend 21 ft., over NE. slope:
- 2.00 Gulch, course E.
- 6.60 Ascend 40 ft., over SE. slope.
- 14.00 Ascend 45 ft., over broken E. slope.
- 25.50 Descend 112 ft., over NE. slope.
Wash, 30 lks. wide, course E., near head.
- 29.69 Ascend 95 ft., over S. slope.
Spur, slopes E.
- 30.67 Descend 100 ft., over N. slope.
Wash, 30 lks. wide, course E. near head.
- 36.97 Ascend 26 ft., over S. slope.
Spur, slopes E.
- 40.00 Descend 14 ft., over N. slope, to
Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

S32 S33	

1923	

- No bearing trees available.
Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Descend slightly over N. slope.
- 40.20 Head of gulch, course E.
- 43.00 Ascend 16 ft., over SE. slope,
Spur, slopes E.
- 53.56 Descend 195 ft., over NE. slope.
Draw, course E.
- 58.18 Ascend 60 ft., over S. slope.
Ridge, brs. E. and W.
- 69.85 Descend 93 ft., over N. slope.
Wash, 35 lks. wide, course E.
Ascend 78 ft., over S. slope to sec. cor.

Survey of part (completion) of Subdivision lines of T.11 S. R.18 E. 31

Chains.

75.21 Road, brs.E.and W.
80.00 Set an iron post, 3 ft.long, 2 ins. in diam., 27 ins. in the ground, for cor.of secs.28, 29, 32 and 33, marked on brass cap,

T11S	R18E
S29	S28
S32	S33
1923	

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W.of cor.

Land, mountainous.

Soil, sandy and gravelly, 3rd rate.

Timber, none.

Undergrowth, greasewood and cactus.

40.00 West, on random line, bet. secs. 29 and 32.
Set temp. $\frac{1}{4}$ sec.cor.
79.98 Intersect N.and S. line, 11 lks.S. of the cor.of secs.29, 30, 31 and 32.
Thence,
S.89°55'E., on true line, bet. secs.29 and 32.
Over rolling land, thru. scattering undergrowth.
Descend slightly over E.slope.
1.20 Center of wash, 150 lks.wide, course NE. Enter mountainous land.
Ascend 240 ft., over W.slope.
18.00 Spur, slopes N.
Descend 70 ft., over E.slope, to
24.70 Wash, 10 lks.wide, course NE.
Ascend 10 ft., over N.slope, to
32.50 Wash, 25 lks.wide, course N.
Ascend 86 ft., over W.slope.
36.00 Ridge, brs.N.and S. Enter rolling land.
Descend 26 ft., over E.slope, to
39.99 Set an iron post, 3 ft.long, 1 in. in diam., 27 ins.in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,

$\frac{1}{4}$	S 29
	S 32
1923	

40.50 No bearing trees available.
Raise a mound of stone, 3 ft.base, 2 ft.high, N.of cor.
Head of draw, course SE.
Ascend 60 ft., over SW.slope.
50.30 Spur, slopes SE.
Descend 114 ft., over E.slope.
64.50 Wash, 10 lks.wide, course SE.
Ascend 50 ft., over SW.slope.
69.45 Spur, slopes SE.
Descend 12 ft., over E.slope.
71.50 Wash.15 lks.wide, course SE. Enter mountainous land.
Ascend 12 ft., over SW.slope.
73.50 Spur, slopes SE.
Descend 56 ft., over E.slope.
76.50 Wash, course SE.
Ascend 40 ft., over SW.slope, to
79.98 The cor.of secs.28, 29, 32 and 33.
Land, rolling and mountainous.
Soil, rocky, 4th rate.
Timber, none.
Undergrowth, greasewood, cactus and scrub palo verde.

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32 Survey of part(completion) of Subdivision lines of T.11 S., R.18 E

Chains.

East, on a random line, bet. secs. 28 and 33.
 37.70 Set temp. $\frac{1}{4}$ sec. cor. of sec. 33.
 40.00 Set temp. $\frac{1}{4}$ sec. cor. of sec. 28.
 77.82 Intersect N. and S. line, 34 lks. S. of the cor. of secs. 27,
 28, 33 and 34, hereinbefore described.
 Thence,
 S. $89^{\circ}45'W.$, on true line, bet. secs. 28 and 33.
 Over mountainous land, thru. scattering undergrowth.
 Ascend 40 ft., over N. slope, to
 3.70 Wash, 20 lks. wide, course N. $70^{\circ}E.$
 Ascend 163 ft., over SE. slope.
 19.00 Point of spur, slopes SE.
 Descend 93 ft., over SW. slope.
 26.70 Wash, 20 lks. wide, course SE.
 Ascend 97 ft., over NE. slope, to
 36.50 Spur, slopes SE.
 Ascend gradually over S. slope, to
 37.82 Set an iron post, 3 ft. long, 1 in. in diam., 20 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. of sec. 28 only, marked on
 brass cap,

 $\frac{1}{4}$ S 28

1923

No bearing trees available.
 Ascend slightly over S. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 17 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. of sec. 33 only, marked on
 brass cap,

 $\frac{1}{4}$ S 33

1923

No bearing trees available.
 Continue over mountainous land, thru. scattering undergrowth.
 Ascend 150 ft., over S. slope, to
 77.82 The cor. of secs. 28, 29, 32 and 33.
 Land, mountainous.
 Soil, sandy and gravelly, 3rd rate.
 Timber, none.
 Undergrowth, scrub mesquite and palo verde, cactus and
 greasewood.

N. $0^{\circ}1'E.$, bet. secs. 28 and 29.
 Over mountainous land, thru. scattering undergrowth.
 Ascend 42 ft., over S. slope.
 6.00 Spur, slopes E.
 Descend 70 ft., over N. slope.
 15.00 Bottom of gulch, 10 lks. wide, course E.
 Ascend 30 ft., over SE. slope.
 20.40 Spur, slopes E.
 Descend 78 ft., over NE. slope.
 32.60 Bottom of gulch, 15 lks. wide, course E.
 Ascend 50 ft., over SE. slope.
 35.70 Spur, slopes N. $60^{\circ}E.$
 Descend 70 ft., over N. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 22 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,

 $\frac{1}{4}$

S29 | S28

1923

Survey of part (completion) of Subdivision lines of T.11 S. R.18 E. 33

Chains.

No bearing trees available.
 Descend 120 ft., over N. slope.
 47.80 Bottom of Edgar Canyon, 60 lks. wide, course E.
 Ascend 120 ft., over SE. slope.
 61.00 Spur, slopes E. Enter rolling land.
 Descend 27 ft., over NE. slope.
 74.00 Ascend 15 ft., over S. slope.
 76.00 Low spur, slopes E.
 Descend 25 ft., over N. slope, to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the
 ground, for cor. of secs. 20, 21, 28 and 29, marked on
 brass cap,

T11S	R18E
S20	S21
S29	S28
1923	

No bearing trees available. Raise a mound of stone, 3 ft.
 base, 2 ft. high, W. of cor.
 Land, mountainous and rolling.
 Soil, sandy, 3rd rate.
 Timber, none.
 Undergrowth, scrub mesquite, palo verde, cactus and grease-
 wood.

40.00 N. 89° 55' W., on random line, bet. secs. 20 and 29.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.06 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 19,
 20, 29 and 30.
 Thence,
 S. 89° 51' E., on true line, bet. secs. 20 and 29.
 Over mountainous land, thru. dense undergrowth.
 Descend 15 ft., over SE. slope.
 1.30 Small gulch, course S.
 Ascend 30 ft., over W. slope.
 3.00 Short spur, slopes S.
 Descend 20 ft., over E. slope.
 4.00 Small gulch, course S.
 Ascend 45 ft., over SW. slope.
 8.10 Point of spur, slopes SW.
 Descend 14 ft., over S. slope, to
 9.10 Head of gulch, course SW.
 Descend 16 ft., over S. slope, to
 11.10 Ridge, brs. SE. and NW.
 Descend gradually over N. slope, to
 16.00 Spur, slopes E. from SW.
 Descend along top of spur, to
 24.50 Same spur, slopes NE. from W.
 Descend 90 ft., over SE. slope.
 35.10 Wash, 10 lks. wide, course NE. Enter rolling land.
 Ascend 15 ft., over NW. slope.
 39.00 Low spur, slopes NE.
 Descend slightly over E. slope, to
 40.03 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$	S 20
	S 29
1923	

No bearing trees available.
 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Descend 30 ft., over E. slope.
 43.00 Wash, 8 lks. wide, course NE.
 Ascend slightly over NW. slope, to
 46.50 Descend 75 ft., over rolling NE. and N. slopes, to
 80.06 The cor. of secs. 20, 21, 28 and 29.
 Land, mountainous and rolling.

BOOK 3698

34 Survey of part (completion) of Subdivision lines of T.11 S.R.18 E.

Chains.

Soil, sandy, 3rd rate.
 Timber, none.
 Undergrowth, greasewood, cactus and scrub palo verde.

 East, on true line, bet. secs. 21 and 28.
 Over rolling land, thru. dense undergrowth.
 Descend slightly over N. slope, to
 3.00 Draw, course N. near head.
 Ascend 30 ft., over NW. slope.
 8.00 Low spur, slopes N. near head.
 Descend 84 ft., over NE. slope.
 22.00 Draw, course N. near head.
 Ascend 38 ft., over NW. slope.
 25.00 Spur, slopes NE.
 Descend 33 ft., over E. slope, to
 31.00 Descend slightly over N. slope, to
 35.60 Spur, slopes NE.
 Descend 42 ft., over E. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 21
 S 28
 1923

No bearing trees available.
 Raise mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Enter mountainous land.
 Descend 30 ft., over E. slope.
 42.00 Bottom of gulch, 10 lks. wide, course N. 20° E.
 Ascend 85 ft., over NW. slope.
 47.00 Short spur, slopes N.
 Descend 23 ft., over NE. slope.
 51.50 Ascend 19 ft., over N. slope, to
 54.63 Descend 47 ft., over N. slope.
 71.57 Ascend 22 ft., over NW. slope.
 75.30 Descend 10 ft., over N. slope, to
 77.85 Intersect the W. bdy. of sec. 22, at a point 0.99 chs. N. 0°
 48' W. from the cor. of secs. 22 and 27, hereinbefore de-
 scribed.
 At point of intersection, set an iron post, 3 ft. long, 2
 ins. in diam., 27 ins. in the ground, for closing cor. of
 secs. 21 and 28, marked on brass cap,

T11S | R18E
 CC S21 | S22
 S28 |
 1923

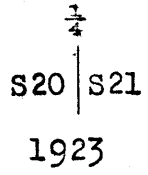
No bearing trees available. Raise a mound of stone, 3
 ft. base, 2 ft. high, W. of cor.
 Land, rolling and mountainous.
 Soil, sandy and gravelly, 3rd rate.
 Timber, none.
 Undergrowth, scrub mesquite palo verde, cactus and grease-
 wood.

 From cor. of secs. 20, 21, 28 and 29,
 N. 0° 1' E., bet. secs. 20 and 21.
 Over rolling land, thru. dense undergrowth.
 Descend slightly over N. slope.
 0.50 Wash, 5 lks. wide, course NE. from W.
 Ascend 25 ft., over SE. slope.
 9.00 Spur, slopes E.
 Descend 65 ft., over N. slope.
 18.00 Wash, 10 lks. wide, course NE.
 Ascend 50 ft., over SE. slope, to

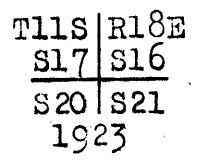
Survey of part (completion) of Subdivision lines of T.11 S.R.18 E. 35

Chains.

- 26.00 Spur, slopes NE.
- Descend 27 ft., over NW. slope, to
- 33.00 Enter wash, 30 lks. wide, course N. from SW.
- Descend 35 ft. in wash, to
- 35.00 Leave same wash, course N. 70° E. from S.
- Descend 20 ft., over NE. slope, to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,



- No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
- Descend slightly over NE. slope.
- 43.70 Wash, 20 lks. wide, course E.
- Ascend 50 ft., over S. slope.
- 49.00 Spur, slopes E.
- Descend 62 ft., over NE. slope, to
- 61.80 Wash, 20 lks. wide, course E.
- Ascend 43 ft. over S. slope.
- 67.30 Spur, slopes E.
- Descend 34 ft., over N. slope.
- 73.50 Wash, 10 lks. wide, course E.
- Ascend 62 ft., over S. slope, to
- 80.00 Spur, slopes E. from SW. Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, marked on brass cap,



No bearing trees available. Raise mound of stone 3 ft. base, 2 ft. high, W. of cor.
 Land, rolling.
 Soil, sandy, 3rd rate.
 Timber, none.
 Undergrowth, greasewood, cactus scrub mesquite, palo verde and catclaw.

-
- 40.00 N. 89° 51' W., on random line, bet. secs. 17 and 20.
 - Set temp. $\frac{1}{4}$ sec. cor.
 - 79.84 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 17, 18, 19 and 20.
 - Thence,
 - S. 89° 48' E., on true line, bet. secs. 17 and 20.
 - Over rolling land, thru dense undergrowth.
 - Descend slightly over NE. slope, to
 - 1.50 Wash, 20 lks. wide, course NE.
 - Descend 15 ft., over NE. slope, to
 - 4.50 Wash, 30 lks. wide, course N.
 - Ascend 15 ft., over NW. slope.
 - 6.75 Descend 45 ft., over NE. slope.
 - 13.00 Wash, 15 lks. wide, course NE.
 - Ascend 40 ft., over NW. slope.
 - 17.60 Spur, slopes N.
 - Descend 30 ft., over NE. slope.
 - 23.50 Wash, 12 lks. wide, course N.
 - Ascend 20 ft., over NW. slope.
 - 26.00 Low spur, slopes N.
 - Descend 10 ft., over NE. slope, to
 - 28.00 Descend slightly over N. slope, to
 - 31.00 Point of short spur, slopes NE.
 - Descend 28 ft., over E. slope.

BOOK 3698

36 Survey of part (completion) of Subdivision lines of T. 11 S., R. 18 E.

Chains.

- 34.90 Wash, 15 lks. wide, course N.
Ascend 15 ft., over W. slope.
- 38.00 Spur, slopes N.
Descend 10 ft., over E. slope, to
- 39.92 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 17
S 20
1923

- No bearing trees available. Raise mound of stone, 3 ft.
base, 2 ft. high, N. of cor.
Descend 30 ft., over E. slope.
- 42.70 Wash, 15 lks. wide, course NE.
Ascend 10 ft., over NW. slope.
- 44.50 Point of spur, slopes NE.
Descend 12 ft., over NE. slope.
- 47.00 Wash, 10 lks. wide, course N. near head.
Ascend 19 ft., over NW. slope.
- 50.00 Descend 25 ft., over N. slope.
- 62.00 Descend 40 ft., over E. slope.
- 65.00 Head of draw, course NE. Asc. 30 ft., over NW. slope.
- 73.00 Descend 29 ft., over N. slope, to
- 79.84 The cor. of secs. 16, 17, 20 and 21, on spur sloping E. from
SW.
Land, rolling.
Soil, sandy, 3rd rate.
Timber, none.
Undergrowth, greasewood, cactus and scrub palo verde.

-
- East, on true line, bet. secs. 16 and 21.
Over rolling land, thru. dense undergrowth, along top of
spur, sloping E.
Descend 80 ft., to
- 10.00 Leave top of spur, slopes NE. from W. Enter mountainous land.
Descend 95 ft., over SE. slope.
- 23.20 Wash, 25 lks. wide, course NE.
Ascend 70 ft., over NW. slope.
- 27.50 Spur, slopes NE.
Descend 84 ft., over E. slope, to
- 34.60 Gulch, course NE.
Ascend 88 ft., over NW. slope.
- 39.00 Spur, slopes NE.
Descend slightly over E. slope, to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

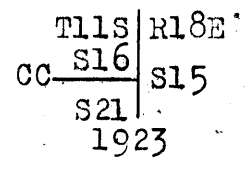
$\frac{1}{4}$ S 16
S 21
1923

- No bearing trees available. Raise a mound of stone, 3 ft.
base, 2 ft. high, N. of cor.
Descend 128 ft., over E. slope.
- 47.00 Center of wash, 130 lks. wide, course NE.
Ascend 70 ft., over NW. slope.
- 51.00 Spur, slopes NE.
Descend 82 ft., over E. slope.
- 57.00 Center of wash, 100 lks. wide, course NE.
Ascend 110 ft., over NW. slope.
- 65.10 Spur, slopes NE.
Descend 100 ft., over E. slope.
- 74.00 Wash, 20 lks. wide, course NE.
Ascend 40 ft., over NW. slope, to
- 76.70 Intersect the W. bdy. of sec. 15 at a point 1.47 chs. N. 0°
47' W. from the cor. of secs. 15 and 22, hereinbefore de-
scribed.
At point of intersection, set an iron post, 3 ft. long,

Survey of part(completion) of Subdivision lines of T.11 S., R.18 E. 37

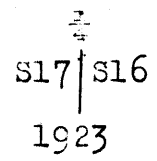
Chains.

2 ins.in diam., 27 ins.in the ground, for closing cor. of secs.16 and 21, marked on brass cap,

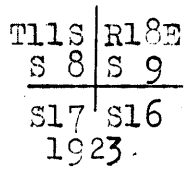


No bearing trees available.
 Raise mound of stone, 3 ft.base, 2 ft.high, W.of cor.
 Land, rolling and mountainous.
 Soil, sandy and gravelly, 2nd and 3rd rate.
 Timber, none.
 Undergrowth, scrub mesquite and palo verde, cactus and greasewood.

- 13.50 From cor.of secs.16,17,20 and 21, N.0°1'E., bet. secs.16 and 17. Over rolling land, thru. dense undergrowth. Descend 80 ft., over N.slope. Wash, 10 lks.wide, course E.
- 20.00 Ascend 40 ft., over S.slope. Spur, slopes E.
- 31.70 Descend 50 ft., over N.slope. Wash, 40 lks.wide, course E.
- 36.50 Ascend 62 ft., over S.slope, to Top of bluff, brs.E.and W., facing S.; thence over E.slope. Ascend slightly to
- 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 10 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 1/4 sec.cor., marked on brass cap,



- 44.70 No bearing trees available. Ascend slightly over E.slope, to Ascend 60 ft., over SE. slope.
- 66.50 Spur, slopes NE. Descend 80 ft., over NW.slope.
- 75.20 Wash, 25 lks.wide, course NE. Ascend 47 ft., over SE.slope, to
- 80.00 Set an iron post, 3 ft.long, 2 ins.in diam., 27 ins. in the ground, for cor.of secs.8,9,16 and 17, marked on brass cap,



No bearing trees available.
 Raise a mound of stone, 3 ft.base, 2 ft.high, W.of cor.
 Land, rolling.
 Soil, sandy and gravelly, 3rd rate.
 Timber, none.
 Undergrowth, scrub mesquite and palo verde, cactus and greasewood.

- 40.00 N.89°48'W., on random line, bet. secs.8 and 17. Set temp. 1/4 sec.cor.
- 79.78 Intersect N.and S. line., 9 lks.N.of the cor.of secs.7,8, 17 and 18. Thence, S.89°52'E., on true line, bet. secs.8 and 17. Over nearly level land on mesa, thru.dense undergrowth.

BOOK 3698

38 Survey of part (completion) of the Subdivision lines of T.11 S.R.18E
Chains.

- 27.80 Descend slightly over E. slope, to
Head of wash, course E. at edge of mesa, bearing NE. and SW.
Enter rolling land.
- 29.26 Descend 25 ft., in wash to
Leave same wash, 10 lks. wide, course SE. from W.
Ascend 25 ft., over SW. slope, to
- 32.00 Edge of mesa, brs. NW and SE. Thence over nearly level
land on mesa.
- 39.89 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 8
S 17
1923

- No bearing trees available. Raise a mound of stone, 3 ft.
base, 2 ft. high, N. of cor.
Continue over nearly level land on mesa, thru. dense under-
growth.
- 50.00 From this point, the head of a wash, course SE. at edge of
mesa, brs. S. 10 lks. dist. Continue over nearly level
land on mesa.
- 65.00 Edge of mesa, brs. NE. and SW. Leave mesa. Enter rolling
land.
- 79.78 Descend 56 ft. over SE. slope, to
The cor. of secs. 8, 9, 16 and 17.
Land, nearly level and rolling.
Soil, sandy and gravelly, 3rd rate.
Timber, none.
Undergrowth, scrub palo verde, greasewood, cactus and
scrub mesquite.

-
- East, on true line, bet. secs. 9 and 16.
Over rolling land, thru. dense undergrowth.
Descend 25 ft., over SE. slope.
- 3.50 Wash, 30 lks. wide, course N. 70° E.
Ascend 70 ft., over NW. slope.
- 20.00 Spur, slopes NE. Enter mountainous land.
Descend 100 ft., over SE. slope.
- 33.00 Gulch, course NE.
Ascend 35 ft., over NW. slope.
- 38.50 Spur, slopes NE.
- 40.00 Descend 40 ft., over steep E. slope, to
Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 9
S 16
1923

- No bearing trees available. Raise a mound of stone, 3 ft.
base, 2 ft. high, N. of cor.
Descend 50 ft., over E. slope.
- 44.30 West edge of nearly level draw, brs. NE. and SW. Thence
across draw.
- 53.00 Wash, 20 lks. wide, course NE.
- 60.00 East edge of draw, brs. NE. and SW. Leave draw. Enter
mountainous land.
Ascend 90 ft., over NW.
- 69.50 Spur, slopes NE.
Descend 70 ft., over SE. slope, to
- 75.58 Intersect the W. bdy. of sec. 15, at a point 0.76 chs. S. 0°
47' E., from the cor. of secs. 10 and 15, hereinbefore
described.
At point of intersection, set an iron post, 3 ft. long, 2
ins. in diam., 27 ins. in the ground, for closing cor.
of secs. 9 and 16, marked on brass cap.

Survey of part(completion)of Subdivision lines of T.11 S. R.18 E. 39

Chains.

T11S	R18E
CC S 9	S 15
S16	

1923

No bearing trees available. Raise mound of stone, 3 ft. base, 2 ft.high, W.of cor.
 Land, rolling, mountainous and nearly level.
 Soil, sandy and gravelly, 3rd rate.
 Timber, none.
 Undergrowth, scrub mesquite and palo verde, cactus and greasewood.

From cor.of secs.8,9,16 and 17,
 N.0°1'E., bet. secs.8 and 9,
 Over rolling land, thru. dense undergrowth.
 Ascend 27 ft., over SE.slope.
 5.80 Spur, slopes E.
 Descend 39 ft., over NE.slope.
 14.00 Rocky wash, 15 lks.wide, course SE.
 Ascend 63 ft., over SE.slope.
 30.00 Spur, slopes E. from SW.
 Descend 45 ft., over N.slope.
 36.60 Wash, 60 lks.wide, course E.
 Ascend 25 ft., over SE.slope, to
 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 15 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,

S 8	S 9
-----	-----

1923

No bearing trees available:
 Ascend 35 ft., over SE.slope.
 50.00 Descend 30 ft., over E.slope, to
 60.00 Descend 22 ft., over NE.slope, to
 71.00 Ridge, brs.NE. and SW. Enter mountainous land.
 Descend 150 ft., over steep NE.slope, to
 80.00 Set an iron post, 3 ft.long, 2 ins. in diam., 27 ins. in the ground, for cor.of secs.4,5, 8 and 9, marked on brass cap,

T11S	R18E
S 5	S 4
S 8	S 9

1923

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft.high, W.of cor.
 Land, rolling and mountainous.
 Soil, sandy and gravelly, 3rd rate.
 Timber, none.
 Undergrowth, scrub mesquite and palo verde, cactus and greasewood.

N.89°52'W., on random line, bet. secs.5 and 8.
 40.00 Set temp. $\frac{1}{4}$ sec.cor,
 79.96 Intersect N. and S line, 4 lks.S.of the cor.of secs.5,6, 7 and 8.
 Thence,
 S,89°50'E., on true line, bet. secs. 5 and 8.
 Over rolling land, thru.dense undergrowth.
 Descend 25 ft., over E.slope.
 5.50 Wash, 8 lks.wide, course SW.

BOOK 3698

40 Survey of part (completion) of Subdivision lines of T.11 S.R.18 E.

Chains.	
23.00	Ascend 125 ft., over NW. slope.
	Spur, slopes SW.
38.50	Descend 105 ft., over SE. slope, to
	Top of cliff, 60 ft. high, bearing NE. and SW., facing SE.
39.90	Descend
	Foot of cliff.
39.98	Descend slightly over SE. slope, to
	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the
	ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\begin{array}{r} \frac{1}{4} S \quad 5 \\ \hline S \quad 8 \\ 1923 \end{array}$
	No bearing trees available.
	Raise mound of stone, 3 ft. base, 2 ft. high, N. of cor.
44.10	Descend 12 ft., over SE. slope.
	Dry creek, 50 lks. wide, course NE.
48.30	Descend gradually, over N. slope.
	Same creek, course SE.
55.50	Descend over SE. slope.
	Same creek, course NE.
57.00	Ascend 30 ft., over NW. slope.
	Top of right bank of creek, brs. NE. and SW.
59.00	Descend slightly over N. slope, to
	Top of same bank, brs. NW. and SE.
62.00	Descend 30 ft., over NE. slope, to
	Foot of bank, brs. NW. and SE.
63.00	Same dry creek, 60 lks. wide, course E from N. 85° W.
65.00	Descend slightly in creek bed.
	Leave dry creek bed, course NE. Enter mountainous land.
74.00	Ascend 80 ft., over W. slope.
	Spur, slopes N.
79.96	Descend 42 ft., over NE. slope, to
	The cor. of secs. 4, 5, 8 and 9.
	Land, rolling and mountainous.
	Soil, sandy and gravelly, 3rd rate.
	Timber, none.
	Undergrowth, scrub palo verde, greasewood, datclaw and cactus.

	From cor. of secs. 3 and 10.
75.81	West, on random line,
	Fall 56 lks. S. of the cor. of secs. 4, 5, 8 and 9. The bearing
	of the S. $\frac{1}{4}$ of W. bdy. of sec. 3 being N. 2° 42' E., the
	length of line bet. secs. 3 and 10 surveyed East from
	cor. of secs. 4, 5, 8 and 9 will be 75.81 chs. + 0.03 chs.
	= 75.84 chs.
	From cor. of secs. 4, 5, 8 and 9,
1.80	East, on true line, bet. secs. 4 and 9.
11.20	Over mountainous land, thru. dense undergrowth.
	Descend 20 ft., over NE. slope.
35.84	Wash, course N.
	Ascend 195 ft., over NW. slope.
	Ridge, brs. NE. and SW. Enter rolling land.
	Descend 106 ft., over SE. slope, to
	Set an iron post, 3 ft. long, 1 in. in diam., 20 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. of sec. 4 only, marked on brass
	cap,
	$\begin{array}{r} \frac{1}{4} S \quad 4 \\ \hline 1923 \end{array}$
40.00	No bearing trees available.
	Descend 24 ft., over SE. slope, to
	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
	the ground, for $\frac{1}{4}$ sec. cor. of sec. 9 only, marked on brass
	cap,

Survey of part (completion) of Subdivision lines of T.11 S.R.18 E. 41

Chains.

$\frac{1}{4}$ S 9
1923

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.
 Descend 75 ft., over SE. slope, to
 67.50 Top of bluff, 40 ft. high, bearing NE. and SW., facing SE.
 68.50 Foot of same bluff, brs. NE. and SW.
 Descend 30 ft., over SE. slope.
 73.70 Wash, 40 lks. wide, course NE. Enter nearly level land.
 Ascend slightly to
 75.84 Intersect the W. bdy. of sec. 3, at a point 0.56 chs. N. 2° 42' E. from the cor. of secs. 3 and 10, hereinbefore described.
 At point of intersection,
 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for closing cor. of secs. 4 and 9, marked on brass cap,

T11S | R18E
S 4 | S 3
CC S 9 |
1923

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, mountainous, rolling and nearly level.
 Soil, sandy, 3rd rate.
 Timber, none.
 Undergrowth, scrub mesquite and palo verde, greasewood and cactus.

From cor. of secs. 4, 5, 8 and 9,
 N. 0° 1' E., on true line, bet. secs. 4 and 5.
 Over mountainous land, thru. dense undergrowth.
 Descend 55 ft., over NE. slope.
 11.20 Wash, 40 lks. wide, course E.
 Ascend 53 ft., over S. slope.
 19.00 Spur, slopes E.
 Descend 60 ft., over N. slope.
 22.50 Wash, 5 lks. wide, course E.
 Ascend 190 ft., over SE. slope, to
 37.10 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 4 only, marked on brass cap,

$\frac{1}{4}$ S 4
1923

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.
 Ascend slightly over SE. slope.
 37.60 Spur, slopes NE. Thence over rolling land.
 Descend 18 ft., over N. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 5 only, marked on brass cap,

$\frac{1}{4}$ S 5
1923

No bearing trees available. Raise mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Descend 52 ft., over rolling N. slope.
 51.00 Wash, 60 lks. wide, course NE.
 Ascend 65 ft., over SE. slope, to
 58.60 Spur, slopes NE.
 Descend 52 ft., over N. slope.
 68.55 Draw, course NE.

BOOK 3698

42 Survey of part(completion)of Subdivision lines of T.11 S.R.18 E.

Chains.

76.99

Ascend 142 ft., over SE. and E. slopes, to
Intersect the N. bdy. of the Tp. (2nd. Std. Par. S.) at a point
8.77 chs. N. 89° 54' W., from the standard cor. of secs. 32
and 33, T. 10 S., R. 18 E., hereinbefore described.
At point of intersection, set an iron post, 3 ft. long, 2
ins. in diam., 27 ins. in the ground, for closing cor. of
secs. 4 and 5, marked on brass cap,

T10S R18E	
S32	
S 5	S 4
C	C
T11S R18E	
1923	

No bearing trees available. Raise a mound of stone, 3 ft.
base, 2 ft. high, S. of cor.
Land, mountainous and rolling.
Soil, sandy and gravelly, 3rd rate.
Timber, none.
Undergrowth, greasewood, scrub palo verde, cactus and
scrub mesquite.

The continued satisfactory adjustment of the solar appa-
ratus of the instruments used in the execution of the
surveys described in the foregoing notes, is indicated
from field tests described in Book "B" of this group.

GENERAL DESCRIPTION.

SURFACE: Rolling and mountainous, draining to the E. Ap-
proximate elevation is 3,000 ft. above sea
level.

SOIL: Sand and gravelly, 2nd and 3rd rate.

TIMBER: Very scattering mesquite and palo verde.

EVIDENCE OF MINERAL: None.

WATERING PLACES: 1 spring in the NW. $\frac{1}{4}$ of sec. 18, known
as "Peck Spring."

SETTLEMENT: None.

IMPROVEMENTS: Range fences in secs. 30 and 31.

INDUSTRY: Stock grazing only.

4-680

FIELD ASSISTANTS. to
Theodore Vander Meer, U. S. Transitman,

NAMES.	CAPACITY.
Frank Lock,	1st chairman.
Earl Record,	2nd chairman.
Sherman Chantland,	Flagman.
Walter Moore,	Cornerman.
Frank Lock,	1st chairman.
Earl Record,	2nd chairman.
Sherman Chantland,	Flagman.
Walter Moore,	Cornerman.

CERTIFICATE OF UNITED STATES TRANSITMAN.

I, Theodore Vander Meer, U. S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 125, Arizona, bearing date of the 24th day of October, 1923, 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, ^{retraced} ~~surveyed~~ all those parts or portions of the 2nd Standard Parallel South, in Ranges 17 and 18 East; resurveyed all those parts or portions of the Second Standard Parallel South, in Range 18 East; and surveyed all those parts or portions of the Subdivision lines and North boundary of TOWNSHIP 11 SOUTH, RANGE 18 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 said retracement, resurvey and 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 125, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such retracement, resurvey, and survey.

Theodore Vander Meer
June 5, 1925

Theodore Vander Meer
U. S. Surveyor
Theodore Vander Meer

~~APPROVAL:~~
~~Office of the United States Surveyor General,~~

~~The foregoing field notes of the survey of~~

~~executed by~~
~~under his special instructions dated~~, 19~~23~~, having been ~~critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.~~

~~U. S. Surveyor General.~~

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

4-680

FIELD ASSISTANTS.to

Glenn F. Sawyer, U. S. Surveyor.

NAMES.	CAPACITY.
Sawyer's posts.	
Ben Mellette	1st chainman.
Sterling Everett	2nd chainman.
Arthur Castelazo	Flagman.
Vander Lee's posts.	
Frank Leok	1st chainman.
Earl Record	2nd chainman.
Sherman Chantland	Flagman.
Walter Mes	Cornman.

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Glenn F. Sawyer, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 125, Arizona, bearing date of the 24th day of October, 1923, 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~~ ^{retraced} all those parts or portions of the 2nd Standard Parallel South, in Range 18 East; and resurveyed all those parts or portions of the 2nd Standard Parallel South, in Range 18 East and Subdivision lines of T.11 S., R.18 E.; and surveyed all those parts or portions of the Subdivision lines and North bdy. of T.11 S., R.18 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 said retracement, resurvey and 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 125, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such retracement, resurvey and survey.~~

Glenn F. Sawyer
U. S. Surveyor,

APPROVAL.

San Francisco, Calif.
Aug. 11, 1924

OFFICE OF THE U.S. SUPERVISOR OF SURVEYS GENERAL,

Denver, Colorado, March 20, 1926.

The foregoing field notes of the ~~retracement~~ of 2nd Standard Parallel South, thru. parts of Ranges 17 and 18 East; of the resurvey 2nd Standard Parallel South, thru. part of Range 18 East, and part of the Subdivision lines of Township 11 South, Range 18 East; and of the survey of Part (completion) of the Subdivision lines, and the West half of North bdy. of TOWNSHIP 11 SOUTH, RANGE 18 EAST, of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by Glenn F. Sawyer, U.S. Surveyor, and Theodore Vander Meer, U.S. Transitman, under ~~the~~ special instructions dated October 24, 1923, for Grp. 125, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and their ~~retracements, resurveys and surveys~~ they describe, are hereby approved.

Theodore Vander Meer
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.~~