

3705

Book "H"
4-679

BOOK 3705

FIELD NOTES

OF THE RETRACEMENT OF

Part of the Subdivision lines,

OF THE RESURVEY OF

Part of the North boundary, and

Part of the Subdivision lines,

AND OF THE SURVEY OF

Part (completion) of the North boundary, and

Part (completion) of the Subdivision lines of

TOWNSHIP 7 SOUTH, RANGE 17 EAST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Theodore Vander Meer,

U.S. Transitman,

In the capacity of U. S. Surveyor, under Special Instructions dated October 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., 19 23, and Assignment Instructions dated November 16., 19 23

Retracement, Resurvey and Survey commenced March 1., 1924.

Retracement, Resurvey and Survey completed April 10., 1924.

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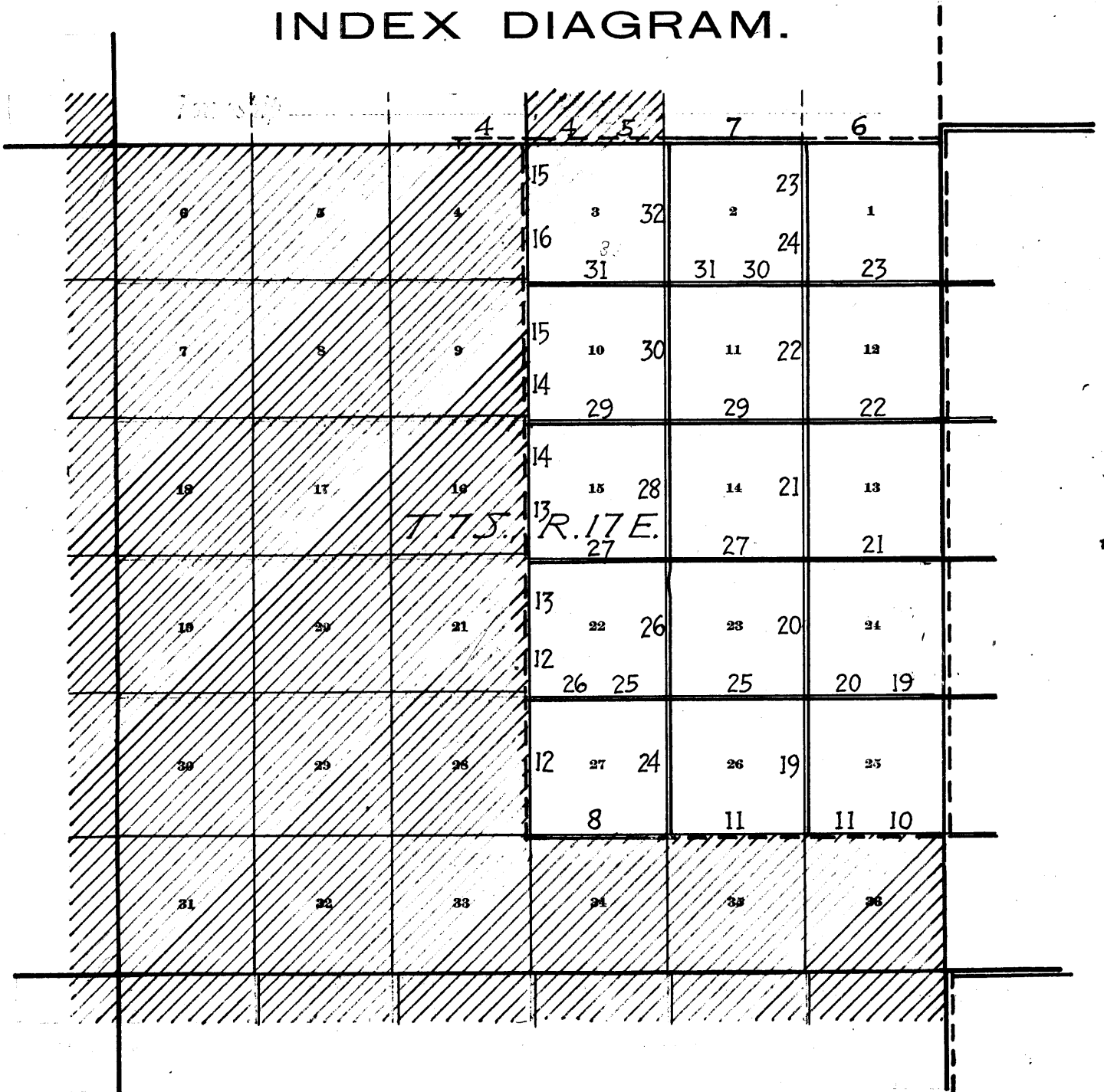
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1A

Book "H"
Group 125 - - Arizona.

BOOK 3705

INDEX DIAGRAM.



- Lines surveyed under this group.
- ==== Lines retraced under this group.
- Lines resurveyed under this group.
- Accepted surveys.
- Unsurveyed lines.
- //// Areas surveyed as per accepted plats on file.

BOOK 3705

Book "H"

Group 125 - - - Arizona.

Township 7 South, Range 17 East.

DATE DIAGRAM.

1924

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31	32	33	34	35	36
			RETRACED		

For dates of resurvey of this line, see Book "G."

————— Indicates lines surveyed by Theodore Vander Meer, U.S. Transitman, on dates shown thereon.

- - - - - Indicates lines retraced or resurveyed by Theodore Vander Meer, U. S. Transitman, on dates shown thereon.

————— Indicates accepted surveyed lines.

————— indicates lines resurveyed under this group, notes in other books.

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

February 17, 1924: At camp near the cor. of Ts. 7 and 8 S., Rs. 17 and 18 E., G. and S. R. Base and Meridian, Arizona, latitude $32^{\circ}46\frac{1}{2}'$ N., longitude, $110^{\circ}33'$ W., at 9h 43.4m, p.m., l.m.t., I 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, $1^{\circ}18'23''$.

February 18, 1924: At 8h 0m a.m., l.m.t., I lay off the azimuth of Polaris $1^{\circ}18\frac{1}{2}'$ to the east and mark the meridian thus determined by a tack driven firmly in a peg, in the ground, 6 chs. N.

March 1, 1924:

At same station, I examine the adjustments of the transit and find them correct; then, to test the solar apparatus, by comparing its indications, resulting from observations, made during a.m. and p.m. hours with a meridian established by Polaris observation, I proceed as follows:

March 2, 1924: At 8h 0m a.m., l.m.t., I set off $32^{\circ}46\frac{1}{2}'$ N. on the lat. arc, $7^{\circ}6\frac{1}{2}'$ S. on the decl. arc; and determine a meridian with the solar, which I find to agree with the true meridian.

At apparent noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is $7^{\circ}5\frac{1}{2}'$ S., which agrees with the computed decl. of the sun.

At 4h.0m.p.m., l.m.t. with the lat arc unchanged, I set off $6^{\circ}59'$ S. on the decl. arc and determine a meridian with the solar, which I find to agree with the true meridian.

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

Unless otherwise specified, all measurements are made with Lufken 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. for entry in the field notes.

Resurvey of Part of the North bdy. of Township 7 South Range 17 E. 3

Chains.

The North bdy. of T. 7 S., R. 17 E., with the exception of that portion between secs. 2 and 35, was surveyed by J. F. Hesse, U.S.D.S., in 1905, establishing all $\frac{1}{4}$ sec. and sec. cors. thereon with a common reference to areas on both sides of the line.

No retracement or resurvey of this Tp. bdy. is of record. The Hesse survey measured the portion of the line bet. secs. 2 and 35 by means of offset thru. sec. 2, but in view of the fact that the $\frac{1}{4}$ sec. cor. of secs. 2 and 35 was not monumented or witnessed, the N. bdy. of sec. 2 is unsurveyed.

Sec. 34 of T. 6 S., R. 17 E., and secs. 4, 5, and 6 of T. 7 S., R. 17 E. being accepted surveyed areas, the west 4 miles of this Tp. bdy. is not subject to rectification.

The land on both sides of the East mile of this Tp. bdy. is unsurveyed; therefore, such portion of the line is subject to rectification.

The following notes describe a dependent resurvey of the Tp. bdy. bet. secs. 3 and 34, and bet. E. halves of secs. 4 and 33, and an independent resurvey of N. bdy. of sec. 1.

Retracement for Resurvey.

From reestablished cor. of Ts. 6 and 7 S., R. 17 E., described in Book "G," of this group,
West, on random line, N. of secs. 1 and 2.

80.00 Set temp. cor. of secs. 1 and 2.
160.46 Fall 28 lks. N. of remains of original cor. of secs. 2, 3, 34 and 35, hereinafter described.
The true course and dist. of Tp. bdy. back to Tp. cor. are therefore N. 89° 54' E., 160.46 chs.

From original cor. of secs. 2, 3, 34 and 35,
S. 89° 45' W., on random line, on S. bdy. of sec. 34 (E. $\frac{1}{2}$).
39.51 Fall 6 lks. N. of the original $\frac{1}{4}$ sec. cor. of secs. 3 and 34, hereinafter described.
True course and dist. of E. $\frac{1}{2}$ of S. bdy. of sec. 34 are therefore N. 89° 40' E., 39.51 chs.

Thence,
S. 89° 45' W., on random line, on S. bdy. of sec. 34 (W. $\frac{1}{2}$).
40.97 Fall 6 lks. N. of the original cor. of secs. 3, 4, 33 and 34, hereinafter described.
True course and dist. of W. $\frac{1}{2}$ of S. bdy. of sec. 34 are therefore N. 89° 40' E., 40.97 chs.

From original cor. of secs. 3, 4, 33 and 34,
S. 89° 45' W., on random line, bet. secs. 4 and 33 (E. $\frac{1}{4}$).
40.98 Fall 1 lk. S. of the original $\frac{1}{4}$ sec. cor. of secs. 4 and 33, hereinafter described.
True course and dist. of E. $\frac{1}{4}$ of line, bet. secs. 4 and 33 are therefore N. 89° 46' E., 40.98 chs.

RESURVEY.

The original $\frac{1}{4}$ sec. cor. of secs. 4 and 33 is a granite stone, 16x6x6 ins. above ground, firmly set, marked $\frac{1}{4}$ on N. face, and witnessed by a small mound of stone N. of cor. No bearing trees.

Reconstruct this cor. monument as follows:
Alongside old stone, set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor. of secs. 4 and 33, marked on brass cap,

BOOK 3705

4 Resurvey of part of North bdy. of Township 7 South, Range 17 East.

Chains.

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

$$\text{S } 4$$

$$1924$$

- No bearing trees available.
 Rebuild mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Thence,
 N. $89^{\circ}46'$ E., on true line, bet. secs. 4 and 33 (E. $\frac{1}{4}$).
 Over mountainous land, thru. very scattering timber and
 scattering undergrowth.
 Ascend 15 ft., over W. slope.
- 1.43 Spur, slopes S.
 Descend 241 ft., over E. slope.
- 10.40 Wash, 100 lks. wide, course S. in gulch,
 Ascend 86 ft., over W. slope, to
- 14.50 Rim of gulch, brs. N. and S. Enter gently rolling land, sloping S.
- 23.15 Top of W. bank of wash, brs. N. and S.
 Descend 30 ft., over E. slope.
- 24.44 Wash, 15 lks. wide, course S.
 Ascend 32 ft., over W. slope, to
- 25.85 Top of E. bank of same wash, brs. N. and S.
 Ascend gradually over W. slope, to
- 33.70 Enter mountainous land.
 Ascend 82 ft., over W. slope, to
- 40.98 Intersect the original cor. of secs. 3, 4, 33 and 34, which is
 a granite stone, 16x8x8 ins. above ground, firmly set,
 marked with 3 notches on each of E. and W. edges. No
 accessories.
- Reconstruct this cor. monument as follows:
 Alongside old stone, 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.
 3, 4, 33 and 34, marked on brass cap,

T6S	R17E
S33	S34
S 4	S 3
T7S	
1924.	

No bearing trees available.
 Land, mountainous and gently rolling.
 Soil, sandy and gravelly, 3rd rate.
 Timber, palo verde.
 Undergrowth, catclaw, scrub palo verde, greasewood and
 cactus.

- N. $89^{\circ}40'$ E., on true line, on N. bdy. of sec. 3.
 Over mountainous land, thru. very scattering timber and
 scattering undergrowth.
 Ascend 25 ft., over W. slope.
- 1.80 Spur, slopes SW.
 Descend 278 ft., over SE. slope.
- 14.00 Enter alfalfa field, brs. N. and S.
- 16.30 Wire fence, brs. N. and S.
- 16.50 Irrigation ditch, course S.
- 16.70 West or right bank of Aravaipa Creek, brs. N. and S.
- 18.40 Road, brs. N. and S.
- 18.90 Aravaipa Creek, containing a stream of water 40 lks. wide
 8 ins. deep, course S.
- 19.40 East or left bank of Aravaipa Creek, brs. N. and S.
 Ascend 230 ft. over NW. and N. slopes, to
- 40.24 (Midpoint of N. bdy. of sec. 3) Set an iron post, 3 ft. long,
 1 in. in diam., 14 ins. in the ground, supported in a
 mound of stone, for reestablished $\frac{1}{4}$ sec. cor. of sec. 3
 only, marked on brass cap,

Resurvey of part of North bdy. of Township 7 South, Range 17 East. 5

Chains.

S 3
1924

from which,

A palo verde, 8 ins. in diam., brs. S. $62\frac{1}{2}^{\circ}$ E., 220 lks. dist., marked $\frac{1}{4}$ S 3 BT.A palo verde, 8 ins. in diam., brs. S. $82\frac{1}{2}^{\circ}$ W., 104 lks. dist., marked $\frac{1}{4}$ S 3 BT.

Continue line and measurement.

Ascend gradually over N. slope, to

40.97 Intersect the original $\frac{1}{4}$ sec. cor. of secs. 3 and 34, which is a gray granite stone 10x8x6 ins. above ground, firmly set, marked $\frac{1}{4}$ on N. face.

No accessories.

Alter this cor. monument to refer to the quarters of sec. 34 only, by establishing two bearing trees as follows:

A palo verde, 5 ins. in diam., brs. N. $41\frac{1}{2}^{\circ}$ E., 54 lks. dist., marked $\frac{1}{4}$ S 34 BT.A palo verde, 10 ins. in diam., brs. N. $85\frac{1}{2}^{\circ}$ W., 104 lks. dist., marked $\frac{1}{4}$ S 34 BT.

Continue line and measurement.

Ascend gradually over N. slope, to

43.10 Descend 30 ft., over NE. slope, to

44.50 Bend in wash, 8 lks. wide, course NW. from NE.

Ascend 80 ft., over NW. slope, to

50.00 Same wash, course NW.

Ascend 283 ft., over SW. and W. slopes to

72.00 Ascend 180 ft., over NW. slope, to

80.48 (39.51 chs. N. $89^{\circ}40'$ E. from the $\frac{1}{4}$ sec. cor. of sec. 34) Intersect the remains of the original cor. of secs. 2, 3, 34 and 35, consisting of a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, with an impression in the ground slightly E. of mound, which is probably the result of the removal of the marked corner stone. No bearing trees.

Reconstruct this cor. monument as follows:

In the depression, set an iron post, 3 ft. long, 2 ins. in diam., 25 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, marked on brass cap,

T6S	R17E
S34	S35
S 3	S 2
T7S	
1924	

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

Land, mountainous.

Soil, sandy and rocky, 3rd rate.

Timber, oak, juniper and palo verde.

Undergrowth, scrub oak, mahogany, palo verde and catclaw.

At a point 80.46 chs. N. $89^{\circ}54'$ E. from cor. of secs. 2, 3, 34 and 35,

Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for reestablished cor. of secs. 1 and 2 only, marked on brass cap,

S 2	S 1
T7S	R17E
1924	

from which,

A mesquite, 7 ins. in diam., brs. S. 8° W., 84 lks. dist., marked T7S R17E S2 BT.A mesquite, 5 ins. in diam., brs. S. $28\frac{1}{2}^{\circ}$ E., 260 lks. dist., marked T7S R17E S1 BT.

6 Resurvey of part of North bdy. of Township 7 South, Range 17 East.

Chains.

- No trace of the original cor. of secs. 1, 2, 35 and 36 can be found after diligent search in this vicinity.
- Thence,
N. 89° 54' E., on true line, on N. bdy. of sec. 1.
- Over mountainous land, thru. very scattering timber and scattering undergrowth.
- Descend 295 ft., over NE. slope.
- 15.40 Bottom of gulch, course N. 30° W.
- Ascend 157 ft., over steep W. slope, to
- 19.00 Ascend 200 ft., over SW. slope, to
- 33.90 Spur, slopes NW.
- Descend 30 ft., over NE. slope, to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, reset original $\frac{1}{4}$ sec. cor. stone 18x8x6 ins., 12 ins. in the ground alongside post, and raise a mound of stone around post, for reestablished $\frac{1}{4}$ sec. cor. of sec. 1 only, marked on brass cap,
- $\frac{1}{4}$ S 1
 1924
- No bearing trees available.
- Descend 151 ft., over NE. slope.
- 40.35 A point 104 lks. S. of the original $\frac{1}{4}$ sec. cor. of secs. 1 and 36, which is a granite stone, 18x8x6 ins. firmly set in a mound of stone, marked $\frac{1}{4}$ on N. face. No access-ories.
- Destroy the mound of stone, remove the marked stone, and reset same alongside the reestablished $\frac{1}{4}$ sec. cor. of sec. 1, as hereinbefore described.
- 54.30 Wash, 15 lks. wide, course N.
- Ascend 34 ft., over NW. slope.
- 57.10 Descend 23 ft., over NE. slope.
- 59.60 Wash, 40 lks. wide, course NW.
- Ascend 186 ft., over NW. slope, to
- 80.00 Intersect the reestablished cor. of Ts. 6 and 7 S., R. 17 E., described in Book "C" of this group.
- Land, mountainous.
Soil, rocky, 4th rate.
Timber, oak, cottonwood and mesquite.
Undergrowth, scrub oak, mahogany, mesquite, cactus and catclaw.
-

Survey of part(completion)of North bdy.of Township 7 South,Range 17 E. 7

Chains.

From cor. of secs. 2, 3, 34 and 35, hereinbefore described, N. 89° 54' E., on true line, on N. bdy. of sec. 2.
 Over mountainous land, thru. very scattering timber and scattering undergrowth.
 Ascend 432 ft., over NW. and W. slopes.

15.00 Spur, slopes N.
 Descend 200 ft., over broken NE. slope, to

23.20 Thence over N. slope.
 Ascend 76 ft. to

33.70 Descend 30 ft., to

40.23 (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 2 only, marked on brass cap,

1/4 S 2
 1924

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.
 Continue over N. slope.
 Descend 102 ft., to

45.00 Ascend 185 ft., to

65.00 Foot of cliff, bearing N. and S.
 Ascend 100 ft., to

68.00 Top of same cliffs bearing N. and S., facing W.
 Ascend 250 ft., over NW. slope, to

80.46 Intersect the reestablished cor. of secs. 1 and 2, T. 7 S., R. 17 E., hereinbefore described.
 Land, mountainous.
 Soil, rocky, 3rd and 4th rate.
 Timber, mesquite and juniper.
 Undergrowth, scrub pale verde, greasewood, scrub oak and mahogany.

8 Retracement of part of Subdivision lines of T. 7 S., R. 17 E.

Chains.

The subdivision lines of the West half of T. 7 S., R. 17 E., and secs. 34, 35 and 36 of same township, were surveyed by J. F. Hesse, U. S. D. S. in 1905, and no retracement or re-survey of any part of said lines is of record. The following notes describe a retracement of the line between secs. 27 and 34.

The original cor. of secs. 26, 27, 34 and 35 is a granite stone 8x6x6 ins. above ground, firmly set, marked with 2 notches on E. face, and 1 notch on S. face, and witnessed by a mound of stone, S. of cor.

No bearing trees.

This cor. monument being in good condition, and properly marked & witnessed, no reconstruction or alteration of same is required.

Thence,

West, on random line, bet. secs. 27 and 34 (E. $\frac{1}{2}$).

Over heavily rolling land, thru scattering undergrowth.

Descend 161 ft., over NW. slope.

18.10 Bend in wash, 30 lks. wide, course NW. from NE.

Ascend 45 ft., over NE. slope.

20.50 Point of spur, slopes NW.

Descend 153 ft., over W. slope, to

40.12 Fall 16 lks. N. of the original $\frac{1}{2}$ sec. cor. of secs. 27 and 34 which is a granite stone, 8x5x5 ins. above ground, firmly set, marked $\frac{1}{2}$ on N. face, and witnessed by a mound of stone, N. of cor. No bearing trees.

This cor. monument being in good condition and properly marked and witnessed, no reconstruction or alteration of same is required.

True course and dist. of E. $\frac{1}{2}$ of line, bet. secs. 27 and 34 are therefore, S. 89° 46' W., 40.12 chs.

Thence,

West, on random line, bet. secs. 27 and 34 (W. $\frac{1}{2}$).

Over heavily rolling land, thru scattering undergrowth.

Descend 90 ft., over W. slope, to

16.80 Enter nearly level bottom land.

Descend slightly to

27.50 Wash, 40 lks. wide, course S. 85° W.

Continue over nearly level bottom land, along wash.

Descend slightly to

40.16 Fall 131 lks. S. 0° 2' E. of the original witness cor. to cor. of secs. 27, 28, 33 and 34, hereinafter described.

This W. C. being recorded as 118 lks. N. 0° 2' W. from sec. cor. point, the falling of the random sec. line at 40.16 chs. is therefore, 13 lks. S. 0° 2' E. of cor. point.

The sec. cor. point is in bend of same wash, 100 lks. wide, course S. 75° W. from S. 85° E.

The true course and dist. of W. $\frac{1}{2}$ of line, bet. secs. 27 and 34 are therefore, S. 89° 49' W., 40.16 chs.

The above described sec. cor. point is also witnessed at 2.00 chs. W. by a granite stone 8x6x4 ins. above ground, firmly set, marked with 3 notches and W. C. on E. face, and 1 notch on S. face, and witnessed by a mound of stone W.

No bearing trees.

Land, heavily rolling and nearly level.

Soil, sandy, 3rd rate.

Timber, none.

Undergrowth, scrub mesquite, greasewood and cactus.

Chains.

The subdivision lines of the West half of T.7 S., R.17 E., and secs. 34, 35 and 36 of same township, were surveyed by J.F. Hesse, U.S.D.S. in 1905, and no retracement or resurvey of any part of said lines is of record. The following notes describe a resurvey of the East 2 miles of the first latitudinal sec. line, and the North 5 miles of the third meridional sec. line.

Retracement for Resurvey.

- From the original cor. of secs. 25, 30, 31 and 36, T.7 S., Rs. 17 and 18 E., described in Book "G" of this group, West, on random line, bet. secs. 25 and 36 (E. $\frac{1}{2}$).
- 39.88 Fall 10 lks. N. of orig. $\frac{1}{2}$ sec. cor. of secs. 25 & 36, hereinafter descr. True course and dist. of E. $\frac{1}{2}$ of line, bet. secs. 25 and 36, are therefore S. 89° 51' W., 39.88 chs.
 Thence, West, on random line, bet. secs. 25 and 36 (W. $\frac{1}{4}$).
- 40.13 Fall 6 lks. N. of the original cor. of secs. 25, 26, 35 and 36, hereinafter described. True course and dist. of W. $\frac{1}{2}$ of line, bet. secs. 25 and 36 are therefore S. 89° 55' W., 40.13 chs.
-
- West, on random line, bet. secs. 26 and 35 (E. $\frac{1}{2}$).
- 40.04 Fall 6 lks. N. of the original point of location of the original $\frac{1}{2}$ sec. cor. of secs. 26 and 35, determined from accessory, as hereinafter described. True course and dist. of E. $\frac{1}{2}$ of line, bet. secs. 26 and 35 are therefore S. 89° 55' W., 40.04 chs.
 Thence,
 West, on random line, bet. secs. 26 and 35 (W. $\frac{1}{2}$).
- 40.20 Fall 9 lks. N. of the original cor. of secs. 26, 27, 34 and 35, hereinbefore described. True course and dist. of W. $\frac{1}{2}$ of line, bet. secs. 26 and 35 are therefore S. 89° 52' W., 40.20 chs.
-
- From true point for cor. of secs. 27, 28, 33 and 34, N. 0° 2' W., on random line on E. bdy. of sec. 28 (S. $\frac{1}{2}$).
- 1.18 Intersect witness cor. to cor. of secs. 27, 28, 33 and 34, hereinbefore described, Continue line and measurement.
- 40.17 Intersect original $\frac{1}{4}$ sec. cor. of secs. 27 and 28, hereinafter described. True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 28 are therefore N. 0° 2' W., 40.17 chs.
 Thence,
 N. 0° 2' W., on random line on E. bdy. of sec. 28 (N. $\frac{1}{2}$).
- 40.38 Intersect the original cor. of secs. 21, 22, 27 and 28, hereinafter described. True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 28 are therefore N. 0° 2' W., 40.38 chs.
-
- N. 0° 2' W., on random line, on E. bdy. of sec. 21 (S. $\frac{1}{2}$).
- 40.06 Intersect the original $\frac{1}{2}$ sec. cor. of secs. 21 and 22, hereinafter described. True course and dist. of S. half of E. bdy. of sec. 21 are therefore N. 0° 2' W., 40.06 chs.
 Thence,
 N. 0° 2' W., on random line on E. bdy. of sec. 21 (N. $\frac{1}{2}$).
- 40.07 Fall 2 lks. E. of the original cor. of secs. 15, 16, 21 and 22, hereinafter described. True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 21 are therefore, N. 0° 4' W., 40.07 chs.
-

BOOK 3705

10 Resurvey of part of Subdivision lines of T.7 S.R.17 E.

Chains

40.00 N.0°2'W., on random line on E. bdy. of sec.16 (S.½).
Fall 2 lks.W. of the original ¼ sec.cor. of secs.15 and 16,
hereinafter described.

True course and dist. of S.½ of E. bdy. of sec.16 are there-
fore North, 40.00 chs.

Thence,

40.12 N.0°2'W., on random line on E. bdy. of sec.16 (N.½).
Fall 7 lks.W. of the original cor. of secs.9,10,15 and 16,
hereinafter described.

True course and dist. of N.½ of E. bdy. of sec.16 are there-
fore N.0°4'E., 40.12 chs.

40.14 N.0°2'W., on random line on E. bdy. of sec.9 (S.½).
Fall 7 lks.W. of the original ¼ sec.cor. of secs.9 and 10,
hereinafter described.

True course and dist. of S.½ of E. bdy. of sec.9 are there-
fore N.0°4'E., 40.14 chs.

Thence,

40.05 N.0°2'W., on random line on E. bdy. of sec.9 (N.½).
Fall 5 lks.W. of the original cor. of secs.3,4,9 and 10,
hereinafter described.

True course and dist. of N.½ of E. bdy. of sec.9 are there-
fore N.0°2'E., 40.05 chs.

39.95 N.0°5'W., on random line on E. bdy. of sec.4 (S.½).
Fall 1 lk.W. of the original ¼ sec.cor. of secs.3 and 4,
hereinafter described.

True course and dist. of S.½ of E. bdy. of sec.4 are there-
fore S.0°4'E., 39.95 chs.

Thence,

38.83 N.0°5'W., on random line on E. bdy. of sec.4 (N.½).
Fall 9 lks.E. of the cor. of secs.3,4,33 and 34, on the N.
bdy. of the Tp., hereinbefore described.

True course and dist. of N.½ of E. bdy. of sec.4 are there-
fore S.0°13'E., 38.83 chs.

RESURVEY.

From the cor. of secs.25,30, 31 and 36, T.7 S., Rs.17 and
18 E., described in Book "G" of this group,

S.89°51'W., on true line, bet. secs.25 and 36 (E.½),

Over heavily rolling land, thru. scattering undergrowth.

Descend slightly over SW. slope, to

1.00 Wash, 20 lks. wide, course SW. from N.

Ascend 160 ft., over SE. slope.

36.50 Spur, slopes SW.

Descend 65 ft., over NW. slope, to

39.88 Intersect the original ¼ sec.cor. of secs. 25 and 36,
which is a slate stone, 12x6x4 ins. above ground, marked
¼ on N. face, and witnessed by small mound of stone N.

No bearing trees.

Reconstruct this cor. monument as follows: Alongside
old stone, set an iron post, 3 ft. long, 1 in. in diam.,
14 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 ¼ sec.cor. of secs.25
and 36, marked on brass cap,

± S 25

S 36

1924

No bearing trees available.

Rebuild a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

Thence,

Resurvey of part of Subdivision lines of T.7 S., R.17 E. 11

Chains.	
	<p>S.89°55'W., on true line, bet. secs. 25 and 36, (W. $\frac{1}{2}$).</p> <p>Over heavily rolling land, thru. scattering undergrowth. Descend 6 ft., over NW. slope.</p>
0.32	<p>Ravine, course SW.</p> <p>Ascend 138 ft., over SE. slope.</p>
16.00	<p>Spur, slopes SW.</p> <p>Descend 165 ft., over NW. slope, to</p>
40.13	<p>Intersect the original cor. of secs. 25, 26, 35 and 36, which is a granite 10x12x8 ins. above ground, firmly set, marked with 1 notch on each of S. and E. faces, and witnessed by mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. No bearing trees.</p> <p>This cor. monument being in good condition, and properly marked and witnessed, no reconstruction or alteration of same is required.</p> <p>Land, heavily rolling.</p> <p>Soil, sandy, 3rd rate.</p> <p>Timber, none.</p> <p>Undergrowth, catclaw, scrub mesquite, greasewood, palo verde and cactus.</p> <hr/>
	<p>S.89°55'W., on true line, bet. secs. 26 and 35 (E. $\frac{1}{2}$).</p> <p>Over heavily rolling and broken land, thru. scattering undergrowth.</p>
	<p>Descend 135 ft., over NW. slope.</p>
13.00	<p>Wash, 20 lks. wide, course SW.</p> <p>Ascend slightly over SE. slope, to</p>
15.80	<p>Descend 62 ft., over S. slope.</p>
36.00	<p>Descend 45 ft., over SW. slope, to</p>
40.04	<p>Intersect point of original location of the $\frac{1}{4}$ sec. cor. of secs. 26 and 35, determined by measuring 3 ft. S. from center of small mound of stone. No trace of the marked stone can be found. Reconstruct the cor. monument at this point as follows:</p> <p>Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of secs. 26 and 35, marked on brass cap.</p> <div style="text-align: center;"> $\frac{1}{4} \begin{array}{l} S 26 \\ S 35 \\ 1924 \end{array}$ </div> <p>No bearing trees available. Rebuild mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p> <p>Thence,</p>
	<p>S.89°52'W., on true line, bet. secs. 26 and 35 (W. $\frac{1}{2}$).</p> <p>Over heavily rolling and broken land, thru. scattering undergrowth.</p>
	<p>Descend 110 ft., over SW. slope.</p>
8.00	<p>Wash, 20 lks. wide, course NW.</p> <p>Ascend 60 ft., over NE. slope.</p>
22.00	<p>Spur, slopes W. from SE.</p> <p>Descend 73 ft., along top of spur.</p>
37.05	<p>Leave top of same spur, slopes SW. from E.</p> <p>Descend 36 ft., over NW. slope, to</p>
40.20	<p>Intersect the original cor. of secs. 26, 27, 34 and 35, which is a granite stone, 8x6x6 ins. above ground, firmly set, marked with 2 notches on E. face and 1 notch on S. face, and witnessed by a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. No bearing trees.</p> <p>This cor. monument being in good condition, and properly marked and witnessed, no reconstruction or alteration of same is required.</p> <p>Land, heavily rolling and broken.</p> <p>Soil, sandy, 3rd rate.</p> <p>Timber, none.</p> <p>Undergrowth, scrub palo verde, catclaw, mesquite, greasewood and cactus.</p> <hr/>

Chains.

- From original true point for cor. of secs. 27, 28, 33 and 34, in bend of wash, 100 lks. wide, course S. 75° W. from S. 85° E.,
 N. 0° 2' W., on true line, on W. bdy. of sec. 27.
 Over rolling land, thru scattering undergrowth.
 Ascend 48 ft., over S. slope.
- 1.18 Intersect the original witness cor. to cor. of secs. 27, 28, 33 and 34, which is a granite stone, 10x6x4 ins. above ground, firmly set, marked WC on SE. face, 1 notch on S. face, and 3 notches on E. face, and witnessed by two bearing trees:
 A mesquite, 6 ins. in diam., S. 11½° E., 89 lks. dist., marked T7S R17E S27 WC BT.
 A palo verde, 6 ins. in diam., S. 61½° W., 55 lks. dist., marked T7S R17E S28 WC BT.
- 8.60 Descend 120 ft., over NW. slope.
- 30.20 Wash, 30 lks. wide, course SW:
 Ascend 38 ft., over SW. slope, to
- 40.04 (Midpoint of W. bdy. of sec. 27) Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for reestablished ¼ sec. cor. of sec. 27 only, marked on brass cap,
 ½ S 27
 1924
- from which,
 A palo verde, 6 ins. in diam., brs. N. 74½° E., 137 lks. dist., marked ¼ S 27 BT.
- This is one of the original bearing trees accessory to the ¼ sec. cor. of secs. 27 and 28.
 No other bearing tree available. Raise a mound of stone 3 ft. base, 2 ft. high, E. of cor.
 Continue line and measurement.
 Ascend slightly over SW. slope, to
- 40.17 Intersect original ¼ sec. cor. of secs. 27 and 28, which is a granite stone 8x6x4 ins. above ground, firmly set, marked ¼ on W. face, and witnessed by two bearing trees as follows:
 A palo verde, 6 ins. dia., N. 80° E., 134 lks. dist. mkd. ¼ S 27 BT.
 A palo verde, 6 ins. dia., S. 12½° W., 36 lks. dist. mkd. ¼ S 28 BT.
 This cor. monument now refers to the quarters of sec. 28 only, and the NE. bearing tree becomes accessory to the reestablished ¼ sec. cor. of sec. 27 only, as hereinbefore described. No other bearing tree W. of line available.
 Continue line and measurement.
 Ascend 40 ft., over S. slope.
- 45.17 Spur, slopes W.
 Descend 66 ft., over N. slope.
- 53.86 Wash, 15 lks. wide, course W.
 Ascend 37 ft., over S. slope.
- 56.10 Descend 15 ft., over N. slope.
- 64.67 Wash, 20 lks. wide, course W.
 Ascend 10 ft., over SW. slope, to
- 64.18 Wash, 100 lks. wide, course SW.
 Ascend 54 ft., over SE. slope, to
- 80.08 Intersect the Subdivision line, bet. secs. 22 and 27, surveyed S. 89° 48' W. Closing cor. of said secs. established at this point, as hereinafter described.
 Land, rolling.
 Soil, sandy, 3rd rate.
 Timber, none.
 Undergrowth, scrub mesquite, greasewood, cactus and cat-claw.

- From closing cor. of secs. 22 and 27, hereinafter described,
 N. 0° 2' W., on true line, on W. bdy. of sec. 22.
 Over heavily rolling land, thru scattering undergrowth.
 Ascend slightly over SE. slope, to
- 0.47 (40.38 chs. N. 0° 2' W. from ¼ sec. cor. of secs. 28) Intersect

Resurvey of part of Subdivision lines of T.7 S., R.17 E. 13

Chains.	
	<p>the original cor. of secs. 21, 22, 27 and 28, which is a granite stone, 8x8x6 ins. above ground, firmly set, marked with 3 notches on E. face, and 2 notches on S. face, and witnessed by a mound of stone, 3 ft. base, 2 ft. high, W. of cor. No bearing trees.</p> <p>This cor. monument now refers to secs. 21 and 28 only, but being in good condition and properly marked and witnessed for the altered reference, no reconstruction or alteration of same is required.</p> <p>Continue line and measurement.</p> <p>Ascend 34 ft., over SE. slope.</p>
5.50	<p>Spur, slopes SW.</p> <p>Ascend gradually over W. slope.</p>
28.10	<p>Ascend 66 ft., over SW. slope.</p>
34.48	<p>Spur, slopes W.</p> <p>Descend 92 ft., over N. slope.</p>
38.60	<p>Wash, 20 lks. wide, course W.</p>
39.96	<p>Ascend 40 ft., over S. slope, to (Midpoint of W. bdy. of sec. 22) Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 22 only, marked on brass cap,</p>
	<p>$\frac{1}{4}$S 22</p> <p>1924</p>
40.53	<p>No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high, E. of cor.</p> <p>Ascend slightly over S. slope, to (40.06 chs. N. 0° 2' W. from cor. of secs. 21 and 28) Intersect the original $\frac{1}{4}$ sec. cor. of secs. 21 and 22, which is a granite stone, 8x8x6 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face, and witnessed by a mound of stone, 2 ft. base, 1$\frac{1}{2}$ ft. high, W. of cor. No bearing trees.</p> <p>This cor. monument now refers to the quarters of sec. 21 only, but being in good condition, and properly marked and witnessed for the altered reference, no reconstruction or alteration of same is required.</p> <p>Thence,</p> <p>N. 0° 4' W., on true line, continuing measurement of W. bdy. of sec. 22.</p>
45.03	<p>Ascend 42 ft., over S. slope.</p> <p>Spur, slopes W.</p>
50.12	<p>Descend 46 ft., over NW. slope.</p>
56.33	<p>Ascend 46 ft., over SW. slope.</p> <p>Spur, slopes N. 65° W.</p>
61.50	<p>Descend 70 ft., over N. slope.</p> <p>Wash, 15 lks. wide, course W.</p>
63.94	<p>Ascend slightly over W. slope, to Wash, 40 lks. wide, course SW.</p>
68.42	<p>Ascend 94 ft., over S. slope.</p> <p>Spur, slopes W.</p>
73.75	<p>Descend 72 ft., over N. slope.</p> <p>Wash, 20 lks. wide, course W.</p>
79.92	<p>Ascend 86 ft., over SW. slope, to Intersect the Subdivision line bet. secs. 15 and 22, surveyed S. 89° 48' W. Closing cor. of said secs. established at this point, as hereinafter described.</p> <p>Land, heavily rolling and mountainous.</p> <p>Soil, sandy, 3rd rate.</p> <p>Timber, none.</p> <p>Undergrowth, scrub palo verde, catclaw, mesquite, greasewood and cactus.</p>
0.68	<p>From closing cor. of secs. 15 and 22, hereinafter described, N. 0° 4' W., on true line, on W. bdy. of sec. 15.</p> <p>Over heavily rolling and mountainous land, thru. scattering undergrowth.</p> <p>Ascend 11 ft., over SW. slope, to (40.07 chs. N. 0° 4' W. from $\frac{1}{4}$ sec. cor. of sec. 21). Intersect</p>

BOOK 3705

14 Resurvey of part of Subdivision lines of T. 7 S., R. 17 E.

Chains.

the original cor. of secs. 15, 16, 21 and 22, which is a granite stone, 10x8x6 ins. above ground, firmly set, marked with 3 notches on each of S. and E. edges, 7S on NE. face and 17E on SE. face, and witnessed by a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. No bearing trees.

This cor. monument now refers to secs. 16 and 21 only, but being in good condition and properly marked and witnessed for the altered reference, no reconstruction or alteration of same is required.

Thence,

North, on true line, continuing measurement of W. bdy. of sec. 15.

Ascend 10 ft., over SW. slope.

1.58 Spur, slopes W.

Descend 135 ft., over NW. slope.

12.30 Wash, 10 lks. wide, course W.

Ascend 138 ft., over S. slope.

24.27 Spur, slopes S. 65° W.

Descend 123 ft., over NW. slope.

29.99 Wash, 20 lks. wide, course S. 65° W.

Ascend 56 ft., over S. slope.

33.30 Descend 30 ft., over N. slope.

38.68 Ravine, course W.

Ascend 40 ft., over S. slope, to

39.96 (Midpoint of W. bdy. of sec. 15) Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bed rock, for reestablished ¼ sec. cor. of sec. 15 only, marked on brass cap,

¼ S15

1924

No bearing trees available.

Ascend slightly over S. slope, to

40.68 (40.00 chs. N. of the cor. of secs. 16 and 21) Intersect the original ¼ sec. cor. of secs. 15 and 16, which is a granite stone, 10x8x4 ins. above ground, firmly set, marked ¼ on W. face, and witnessed by mound of stone, 2 ft. base, 1½ ft. high, W. of cor. No bearing trees. This cor. monument now refers to the quarters of sec. 16 only, but being in good condition and properly marked and witnessed for the altered reference, no reconstruction or alteration of same is required.

Thence,

N. 0° 4' E., on true line, continuing measurement of W. bdy. of sec. 15.

Ascend 14 ft., over S. slope.

41.78 Spur, slopes W.

Descend 60 ft., over NW. slope.

46.50 Descend along W. slope, to

49.39 Spur, slopes NW.

Descend 137 ft., over NE. slope.

67.48 Wash, 30 lks. wide, course NW.

Ascend 123 ft., over SW. slope.

77.69 Spur, slopes NW.

Descend 55 ft., over NE. slope, to

79.92 Intersect the Subdivision line bet. secs. 10 and 15, surveyed S. 89° 48' W.

Closing cor. of said secs. established at this point, as hereinafter described.

Land, heavily rolling and mountainous.

Soil, sandy, 3rd rate,

Timber, none.

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

From closing cor. of secs. 10 and 15, hereinafter described, N. 0° 4' E., on true line, on W. bdy. of sec. 10.

Resurvey of part of Subdivision lines of T. 7 S., R. 17 E. 15

Chains.	Over heavily rolling and mountainous land, thru scattering undergrowth.
0.88	Descend 18 ft., over NE. slope, to (40.12 chs. N. 0° 4' E. from $\frac{1}{4}$ sec. cor. of sec. 16). Intersect the original cor. of secs. 9, 10, 15 and 16, which is a limestone 10x8x6 ins. above ground, firmly set, marked with 3 notches on E. edge and 4 notches on S. edge, and witnessed by a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. No bearing trees.
21.70	Descend 240 ft., over NE. slope. Wash, 80 lks. wide, course NW. Ascend 41 ft., over SW. slope.
27.60	Descend 45 ft., over N. slope.
33.07	Wash, 15 lks. wide, course N. 65° W. Ascend 145 ft., over SW. slope, to
40.04	(Midpoint of W. bdy. of sec. 10) Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for re-established $\frac{1}{4}$ sec. cor. of sec. 10 only, marked on brass cap, $\frac{1}{4}$ S 10 1924
41.02	No bearing trees. Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor. Ascend 12 ft., over SW. slope, to (40.14 chs. N. 0° 4' E. from cor. of secs. 9 and 16) Intersect the original $\frac{1}{4}$ sec. cor. of secs. 9 and 10, which is a limestone, 10x8x6 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face, and witnessed by a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. No bearing trees. This cor. monument now refers to the quarters of sec. 9 only, but being in good condition and properly marked and witnessed for the altered reference, no reconstruction or alteration of same is required. Thence, N. 0° 2' E., on true line, continuing measurement of W. bdy. of sec. 10. Ascend 10 ft., over SW. slope.
42.92	Spur, slopes NW.
48.80	Descend 110 ft., over NE. slope, to Wash, 15 lks. wide, course W. Ascend 42 ft., over SW. slope.
51.70	Descend 50 ft., over NE. slope.
54.81	Wash, 50 lks. wide, course NW. Ascend 82 ft., over SW. slope.
63.75	Descend 52 ft. over N. slope.
75.60	Center of wash, 200 lks. wide, course W. Ascend 33 ft., over W. slope, to
77.02	Ravine, course W.
80.08	Ascend 20 ft., over S. slope, to Intersect the subdivision line bet. secs. 3 and 10, surveyed S. 89° 48' W. Closing cor. of said secs. established at this point, as hereinafter described. Land, heavily rolling and mountainous. Soil, sandy, 3rd rate. Timber, none. Undergrowth, scrub palo verde, catclaw, mesquite, greasewood and cactus.
1.34	----- From the cor. of secs. 3, 4, 33 and 34 on the N. bdy. of the Tp., hereinbefore described, S. 0° 13' E., on true line, on W. bdy. of sec. 3. Over mountainous land, thru scattering undergrowth. Ascend 10 ft., over W. slope, to Spur, slopes SW.
17.68	Descend 323 ft., over SE. slope, to Road, brs. E. and W. at foot of steep slope. Enter gently

16 Resurvey of part of Subdivision lines of T. 7 S., R. 17 E.

Chains.

- rolling land, bearing NE. and SW.
Descend gradually.
- 17.88 Wire fence, brs.E. and W.
- 17.98 Enter cultivated field brs.E. and W.
- 22.78 Leave cultivated field, brs.E. and W.
- 22.88 Wire fence, brs.E. and W. Enter nearly level wbottom
land, brs.NE. and SW.
- 23.87 Arayaipa Creek, containing a stream of water, 20 lks.wide,
12 ins.deep, course SW.
Continue over nearly level bottom land.
- 26.38 Irrigation ditch, course W. Enter heavily rolling and
mountainous land.
Ascend 82 ft., over N.slope.
- 33.75 Spur, slopes W.
Descend 30 ft., over SW.slope, to
- 38.83 Intersect the original $\frac{1}{4}$ sec.cor. of secs.3 and 4, which
is a granite stone, 12x10x4 ins. above ground, firmly
set, marked $\frac{1}{4}$ on W.face. No accessories. This cor.
monument now refers to the quarters of sec.4 only.
Raise a mound of stone 3 ft.base, 2 ft. high, W.of cor.
Thence,
S.0°4'E., on true line, continuing measurement of W. bdy.
of sec.3.
Descend 9 ft., over SW. slope, to
- 39.77 (40.00 chs.in northing from C.C.of secs.3 and 10) 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.3 only,
marked on brass cap,
- | $\frac{1}{4}$ S 3
- 1924
- No bearing trees available. Raise a mound of stone, 3 ft.
base, 2 ft.high, W.of cor.
- 49.60 Descend 175 ft., over SW.slope.
Wash, 20 lks.wide, course NW.
- 78.00 Ascend 185 ft., over N.slope.
Spur, slopes N. 70°W.
- 78.78 Descend 6 ft., over S.slope, to
(39.95 chs.S. 0°4'E., for $\frac{1}{4}$ sec.cor.of sec.4). Intersect
the original cor.of secs.3, 4, 9 and 10, which is a
granite stone, 16x12x10 ins. above ground, firmly set,
marked with 3 notches on E. face, and 5 notches on S.
face, and witnessed by a mound of stone 2 ft.base, 1 $\frac{1}{2}$
ft.high, W.of cor. No bearing trees.
This cor.monument now refers to secs.4 and 9 only, but
being in good condition and properly marked and wit-
nessed for the altered reference, no reconstruction or
alteration of same is required.
Thence,
S.0°2'W., on true line, continuing measurement of W. bdy.
of sec.3.
Descend 8 ft., over S. slope, to
- 79.77 Intersect the subdivision line bet. secs. 3 and 10, sur-
veyed S.89°48'W. Closing cor.of said secs.established
at this point, as hereinafter described.
Land, mountainous, gently and heavily rolling and
nearly level.
Soil, sandy, 3rd rate.
Timber, none.
Undergrowth, catclaw, greasewood and cactus.
-

Boundaries of that part of T.7 S., R.17 E. subdivided under this Group.

Latitudes, departures, and closing errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
Subdivisional boundary,	S. 89° 51' W.	39.88		.10		39.88
	S. 89° 55' W.	80.17		.12		80.17
	S. 89° 52' W.	40.20		.09		40.20
	S. 89° 46' W.	40.12		.16		40.12
	S. 89° 49' W.	40.16		.13		40.16
	N. 0° 2' W.	120.61	120.61			.07
	N. 0° 4' W.	40.07	40.07			.05
	North,	40.00	40.00			
	N. 0° 4' E.	80.26	80.26		.09	
	N. 0° 2' E.	40.05	40.05		.02	
	N. 0° 4' W.	39.95	39.95			.05
N. 0° 13' W.	38.83	38.83			.15	
North boundary	N. 89° 40' E.	80.48	.47		80.48	
	N. 89° 54' E.	160.46	.28		160.46	
East boundary,	South,			400.00		
Convergency,					.19	
<u>Totals.</u>			400.52	400.60	241.24	240.85
				400.52	240.85	
<u>Error in latitude.</u>			0.08			
<u>Error in departure.</u>					0.39	

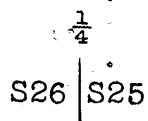
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Survey of part(completion) of Subdivision lines, of T.7S.R.17 E.

Chains.

From the cor. of secs. 25,26,35, and 36, hereinbefore described.

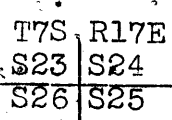
- N.0°1'W., on true line bet. secs. 25 and 26.
- Over rolling land, through heavy undergrowth.
- Desc. 70 ft. over N. slope.
- 4.00 Wash, 15 lks. wide, course W.; asc. 200 ft. over S. slope.
- 11.50 Spur, slopes W.; desc. 110 ft. over NW. slope.
- 17.30 Head of ravine, course W.; asc. 25 ft. over S. slope.
- 21.00 Spur, slopes W.; desc. 175 ft. over N. slope.
- 31.20 Wash, 100 lks. wide, course S.65°W.; asc. 110 ft. over SE. slope.
- 38.00 Ravine, course SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



1924

Raise mound of stone, 3 ft. base, 2 ft. high, W. of cor. Asc. 190 ft. over SE. slope.

- 51.70 Spur, slopes SW.; desc. 175 ft. over N. slope.
- 60.25 Ravine, course W.; asc. 150 ft. over S. slope.
- 66.00 Spur, slopes W.; desc. 110 ft. over N. slope.
- 71.00 Ravine, course W.; asc. 55 ft. over S. slope.
- 75.00 Short spur, slopes W.; desc. 75 ft. over N. slope.
- 78.00 Ravine, course S.65°W.; asc. 25 ft. over SE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. dia., 20 ins. in the ground, on bed rock, in mound of stone, for cor. of secs. 23,24,25, and 26, marked on brass cap



1924

Deposit stone marked cross (X) at base of post.
 Land, rolling and broken.
 Soil, sandy, 3rd rate.
 Timber, none.
 Undergrowth, cat claw, mesquite, and cacti.

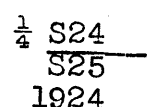
East on random line bet. secs. 24 and 25:

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.16 Intersect the E. bdy. of the Tp., 23 lks. S. of the cor. of secs. 19,24,25, and 30, described in book "G"

Thence

S.89°50'W., on true line bet. secs. 24 and 25.
 Over rolling and broken land, through heavy undergrowth.
 Desc. slightly over SW. slope.

- 2.16 Ravine, course S.; asc. 85 ft. over SE. slope.
- 16.16 Spur, slopes SW.; desc. 255 ft. over SW. slope.
- 29.10 Canyon, course N.65°W.; asc. 160 ft. over NE. slope.
- 40.08 Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the ground, on bed rock, in mound of stone, for $\frac{1}{4}$ sec. cor. marked on brass cap



1924

Deposit stone marked cross (X) at base of post.

- 40.26 Spur, slopes NW.; desc. 115 ft. over NW. slope.
- 45.36 Thence along N. slope.
- 60.06 Spur, slopes N.65°W.; desc. 160 ft. over SW. slope.

Chains

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

Land, rolling and broken.

Soil, sandy, 3rd rate.

Timber, none.

Undergrowth, cat claw, mesquite, and cacti.

N.0°01'W., bet. secs. 23 and 24.

and timber

Over rolling and broken land, through scattering undergrowth

Asc. 100 ft. over S. slope.

6.70 Old house brs N.69 $\frac{1}{4}$ °W., about 40.00 chs. dist.

6.80 Spur, slopes S.65°W.; desc. 290 ft. over N. slope.

22.40 Wash, 50 lks. wide, course W.; thence over flat.

31.40 Wash, 30 lks. wide, course N.65°W.;

38.00 Wash, 20 lks. wide, course SW., from the north;

39.80 Leave same wash, course S., from NW.

40.00 Set an iron post, 3 ft. 1 in. dia., 26 ins. in the ground
for $\frac{1}{4}$ sec. cor., marked on brass cap

S23	S24
-----	-----

1924

from which

A mesquite, 5 ins. dia., brs S.49°E., 40 lks. dist.,
marked $\frac{1}{4}$ S24 BT.A palo verde, 6 ins. dia., brs S.33°W., 12 lks. dist.,
marked $\frac{1}{4}$ S23 BT.

Ascend 121 ft. in wash, course S.5°W. from N.

48.00 Head of ravine, course S.; continue asc. 15 ft. on S. slope

50.10 Spur, slopes W.; desc. 70 ft. over N. slope.

57.30 Wash, 20 lks. wide, course W.; asc. 110 ft. over SE. slope

66.60 Spur, slopes S.65°W.; desc. 80 ft. over N. slope.

70.85 Ravine, course W.; asc. 80 ft. over S. slope.

75.00 Short spur, slopes W.; desc. 75 ft. over NW. slope.

77.50 Wash, 15 lks. wide, course S.65°W.; asc. 50 ft. over
S. slope.80.00 Set an iron post, 3 ft. long, 2 ins. dia., 20 ins. in
the ground, on bed rock, in mound of stone, for cor.
of secs. 13, 14, 23, and 24, marked on brass cap

T7S R17E

S14	S13
-----	-----

S23	S24
-----	-----

1924

Deposit stone marked cross (X) at base of post.

No bearing trees available.

Land, rolling and broken.

Soil, sandy, 3rd rate.

Timber, mesquite and palo verde.

Undergrowth, palo verde, mesquite, cat claw, greasewood,
and cacti.

N.89°50'E., on random line bet. secs. 13 and 24.

40.00 Set temp. $\frac{1}{4}$ sec. cor.80.20 Intersect the E. bdy. of the Tp., 2 lks. N. of the cor.
of secs. 13, 18, 19, and 24, described in book "G".

Survey of a Portion of the Subdivision of T7S, R18E.

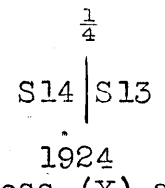
Chains.

Thence
 S.89°51'W., on true line bet. secs. 13 and 24.
 Over rolling and broken land, through heavy undergrowth.
 Asc. 25 ft. over SE. slope.
 2.20 Thence along S. slope.
 7.20 Desc. 200 ft. over W. slope.
 20.00 Desc. 165 ft. over SW. slope.
 38.20 Wash, 20 lks. wide, course N.65°W. ; desc. slightly.
 40.10 Set an iron post, 3 ft. long, 1 in. dia., 20 ins. in
 the ground, on bed rock, in mound of stone, for $\frac{1}{4}$ sec.
 cor., marked on brass cap,

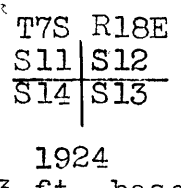
$$\frac{1}{4} \begin{array}{c} S13 \\ S24 \end{array}$$
 1924
 Deposit stone marked cross (X) at base of post.
 Desc. 15 ft. over NW. slope.
 41.70 Wash, 20 lks. wide, course SW.; desc. 70 ft. over SW.
 slope.
 56.20 Short ravine, course S.; asc. 35 ft. over SE. slope.
 60.20 Spur, slopes SW.; desc. 220 ft. over NW. slope.
 77.40 Ravine, course SW.; asc. 20 ft. over E. slope.
 80.20 The cor. of secs. 13, 14, 23, and 24.

Land, rolling and broken.
 Soil, sandy, 3rd rate.
 Timber, none.
 Undergrowth, cat claw, greasewood, and cacti.

N.0°01'W., bet. secs. 13 and 14.
 Over rolling and broken land, through heavy undergrowth.
 Asc. 180 ft. over S. slope.
 9.20 Spur, slopes SW.; desc. 62 ft. over N. slope.
 14.00 Ravine, course S.60°W., asc. 62 ft. over SW. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. dia., 3 ins. in
 the ground, on bed rock, in mound of stone, for $\frac{1}{4}$ sec.
 cor., marked on brass cap



Deposit stone marked cross (X) at base of post.
 Desc. 15 ft. over NW. slope.
 40.80 Ravine, course SW.; asc. 180 ft. over S. slope.
 53.80 Ridge, brs NW. and SE.; desc. 200 ft. over NE. slope.
 69.30 Wash, 15 lks. wide, course NE.; asc. 241 ft. over SE.
 slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in
 the ground, for cor. of secs. 11, 12, 13, and 14, marked
 on brass cap



Raise mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, rolling and broken.
 Soil, sandy and rocky, 3rd rate.
 Timber, none.
 Undergrowth, palo verde, mesquite, cat claw, and cacti.

Chains.

N.89°51'E., on random line bet. secs. 12 and 13.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.14 Intersect the E. bdy. of the Tp., 7 lks. N. of the cor. of secs. 7,12,13, and 18, described in book "G"

Thence
 S.89°54'W., on true line bet. secs. 12 and 13.
 Over mountainous land, through heavy undergrowth.
 Desc. 60 ft. over SW. slope.
 6.00 Shallow wash, 10 lks. wide, course SE.; asc. 90 ft. over E. slope.
 16.00 Spur, slopes SW.; desc. 210 ft. over SW. slope.
 23.50 Ravine, course NW.; asc. 20 ft. over NE. slope
 35.00 Along N. slope.
 39.00 Desc. 25 ft. over NW. slope.
 40.07 Set an iron post, 3 ft. long, 1 in. dia., 24 ins. in the ground, on bed rock, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S12
 S13
 1924

Raise mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Desc. 140 ft. over NW. slope.
 48.15 Enter wash, from NE., course S.80°W.
 50.40 Leave same wash, from N.80°E., course NW.; asc. 35 ft. over NE. slope.
 53.00 Thence along N. slope.
 66.30 Desc. 230 ft. over NW. slope.
 71.05 Holy Joe canyon, with stream of water in bottom, 3 lks. wide, 3 ins. deep, course N.20°E.; then asc. 260 ft. over SE. slope.
 80.14 The cor. of secs. 11,12,13, and 14.

Land, mountainous.
 Soil, rocky, 3rd rate.
 Timber, none.
 Undergrowth, palo verde, mesquite, cat claw, cottonwood, and cacti.

N.0°01'W., bet. secs. 11 and 12.
 Over mountainous land, through heavy undergrowth.
 Desc. 300 ft. over NW. slope.
 14.80 Ravine, course NE.; asc. 48 ft. over SE. slope.
 17.90 Spur, slopes NE.; desc. 137 ft. over NW. slope.
 21.50 Holy Joe canyon, with stream of water, 4 lks. wide, 3 ins. deep, in bottom, course W.; asc. 180 ft. over S. slope.
 32.60 Spur, slopes SW.; desc. 200 ft. over N. slope.
 39.65 Wash, 20 lks. wide, course SW.; asc. slightly to cor.
 40.00 Set an iron post, 3 ft. long, 1 in. dia., 24 ins. in the ground, on bed rock, in mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap.

$\frac{1}{4}$
 S11 | S12
 1924

Deposit stone, marked cross (X) at base of post.
 Asc. 115 ft. over SW. slope.
 52.50 Spur, slopes SW.; desc. 105 ft. over NW. slope.
 55.80 Ravine, course S.65°W.; asc. 230 ft. over SW. slope.
 64.50 Spur, slopes S.70°W.; desc. 605 ft. over N. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for cor. of secs. 1,2,11, and 12, marked on brass cap

Chains.

T7S R17E
S 2 | S 1
S11 | S12

1924

Raise mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, mountainous.
Soil, rocky, 3rd and 4th rate.
Timber, none.
Undergrowth, mesquite, cat claw, palo verde, and cacti.

40.00 N.89°54'E., on random line bet. secs. 1 and 12.
Set temp. $\frac{1}{4}$ sec. cor.
80.06 Intersect the E. bdy. of the Tp., 2 lks. S. of the cor.
of secs. 1,6,7, and 12, described in book "G".

Thence
S.89°53'W., on true line bet. secs. 1 and 12.
Over mountainous land, through heavy undergrowth.
Asc. 225 ft. over SE. slope.
8.50 Ridge, from NE. brs. W.; thence along top of same.
23.60 Desc. 170 ft. over cliffs facing S.
33.22 Bottom of cliffs; desc. 175 ft. over broken W. slope.
40.03 Set an iron post, 3 ft. long, 1 in. dia., 25 ins. in
the ground, on bed rock, in mound of stone, for $\frac{1}{4}$ sec.
cor., marked on brass cap

$\frac{1}{4}$ S 1
S12

1924

Deposit stone marked cross (X) at base of post.
Continue along top of ridge,
45.00 Ridge, brs N.80°W. and S.80°E.; desc. 300 ft. over SW.
slope to cliff.
53.55 Perpendicular cliff, 60 ft. high, faces SW.; desc. 360 ft.
over broken SW. slope.
77.30 Skeleton canyon, with stream of water 6 lks. wide in
bottom, course N.75°W.; then along N. slope.
80.06 The cor. of secs. 1,2,11, and 12.

Land, mountainous.
Soil, rocky, 3rd rate.
Timber, none.
Undergrowth, mesquite, cat claw, palo verde and cacti.

40.00 North on random line bet. secs. 1 and 2.
Set temp. $\frac{1}{4}$ sec. cor.
79.97 Intersect the N. bdy. of the Tp., 16 lks. S.89°54'W. of
the cor. of secs. 1 and 2 hereinbefore described.

Thence
S.0°07'W. on true line bet. secs. 1 and 2.
Over mountainous land, through heavy undergrowth.
Asc. 115 ft. over NE. slope.
9.00 Then along E. slope.
12.50 Desc. 390 ft. over SE. slope.
39.50 Wash, 15 lks. wide, course S.25°W.; then along SW. slope.
39.97 Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the
ground, on bed rock, in mound of stone, for $\frac{1}{4}$ sec. cor.,
marked on brass cap.

Survey of a Portion of the Subdivisions of T7S, R17E.

24

Chains.

 $\frac{1}{4}$

S 2 | S 1

1924

Deposit stone marked cross (X) at base of post.

Desc. 85 ft. over SW. slope.

50.70 Ravine, course S.70°W.; asc. 290 ft. over NW. slope.

66.50 Ridge, brs E. and W.; desc. 375 ft. over SW. slope.

78.65 Skeleton canyon, with stream of water 6 lks. wide, 4 ins. deep, in bottom, course W; asc. 30 ft. over NE. slope.

79.97 The cor. of secs. 1, 2, 11, and 12.

Land, mountainous.

Soil, rocky, 3rd rate.

Timber, none.

Undergrowth, mesquite, cat claw, palo verde, and cacti.

From the cor. of secs. 26, 27, 34, and 35, hereinbefore described.

N.0°01'W., on true line bet. secs. 26 and 27.

Over rolling land, through undergrowth.

Desc. 170 ft. over NW. slope.

5.30 Wash, 80 lks. wide, course S.65°W.; asc. 105 ft. over S. slope.

12.00 Spur, slopes W.; desc. 105 ft. over NW. slope.

16.80 Ravine, course W.; asc. 60 ft. over S. slope.

20.80 Spur, slopes W.; desc. 95 ft. over N. slope.

23.90 Ravine, course W.; asc. 60 ft. over S. slope.

27.00 Short spur, slopes W.; desc. 70 ft. over N. slope.

28.20 Wash, 100 lks. wide, course W.; asc. 80 ft. over S. slope.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$

S27 | S26

1924

Raise mound of stone, 3 ft. base, 2 ft. high, W. of cor. Asc. 10 ft. over S. slope.

40.50 Spur, slopes S.65°W.; then along W. slope.

45.00 Spur, slopes NW.; desc. 100 ft. over NE. slope.

49.80 Ravine, course N.65°W.; asc. 80 ft. over SW. slope.

54.80 Spur, slopes N.70°W.; desc. 115 ft. over NE. slope.

63.30 Wash, 15 lks. wide, course W.; asc. 120 ft. over SE. slope.

73.20 Spur, slopes W.; desc. 60 ft. over NW. slope.

76.00 Head of ravine, course W.; asc. 25 ft. over S. slope.

79.90 Spur, slopes NW.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, on bed rock, in mound of stone, for cor. of secs. 22, 23, 26, and 27, marked on brass cap

T7S R17E

S22 | S23

S27 | S26

1924

Deposit a stone marked cross (x) at base of post.

Land, rolling.

Soil, sandy, 3rd rate.

Timber, none.

Undergrowth, palo verde, greasewood, cat claw, mesquite, and cacti.

Survey of a Portion of the Subdivisions of T7S,R17E

Chains

- East on random line bet. secs. 23 and 26.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.36 Intersect the N. and S. line, 25 lks. S. of the cor. of secs. 23,24,25, and 26.
- Thence
- S.89°49'W., on true line bet. secs. 23 and 26.
- Over rolling and broken land, through undergrowth.
- Desc. 110 ft. over SW. slope.
- 22.36 Enter wash, course NW. Follow down same.
- 25.57 Leave same wash, course SW., from E.
- Desc. 120 ft. over SW. slope.
- 40.18 Set an iron post, 3 ft. long, 1 in. dia., 24 ins. in the ground, on bed rock, in mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S23
S26
1924

- Deposit stone marked cross (X) at base of post.
- Desc. 17 ft. over SW. slope.
- 41.76 Enter wash, from SE., course N.80°W.; Follow down same.
- 44.16 Leave wash, from S.80°E., course SW.; asc. 34 ft. over SE. slope.
- 49.11 Cement tank in corral, brs N.16°05'E.
- House brs N.26 E.
- 49.16 Spur, slopes SW.; desc. 140 ft. over W. slope.
- 57.76 Wash, 30 lks. wide, course NW.; asc. 200 ft. over NE.slope
- 70.36 Spur, slopes NW.; desc. 85 ft. over W. slope.
- 70.38 Cement tank in corral, brs N.70°30'E.
- 74.86 Head of ravine, course NW.; asc. 40 ft. over NE. slope.
- 80.36 The cor. of secs. 22,23,26, and 27.

Land, rolling.
Soil, sandy, 3rd rate.
Timber, none.
Undergrowth, palo verde, greasewood, mesquite, catclaw, and cacti.

- S.89°48'W. on true line bet. secs. 22 and 27.
- Over rolling land, through undergrowth.
- 1.00 Spur, slopes S.70°W.; then desc. W. slope.170 ft.
- 16.00 Then along N. slope.
- 26.90 Wash, 100 lks. wide, course N.; asc. 55 ft. over NE.slope
- 35.65 Wire fence, brs NW. and SE.
- 38.00 Spur, slopes W., from SE.; then along top of same.
- 40.00 Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S22
S27
1924

- from which
- A palo verde, 4 ins. dia., brs S.59 $\frac{1}{4}$ °E., 51 lks. dist., marked $\frac{1}{4}$ S27 BT.
- No other tree available.
- Raise mound of stone, 3 ft. base, 2 ft. high, N. of cor.
- Along top of spur, sloping W.
- 51.40 Spur, turns to N.70°W.; thence desc. 130 ft. over W. slope.
- 67.00 Wash, 10 lks. wide, course S.65°W.; asc. 10 ft. over SE. slope.
- 70.00 Spur, slopes SW.; desc. 23 ft.
- 71.90 Wash, 100 lks. wide, course SW.; asc. slightly over SE. slope.

Chains

80.48 Intersect the E. bdy. of sec. 28, at 47 lks. S. 0° 2' E. of the cor. of secs. 21 and 28, hereinbefore described.

At intersection, set an iron post, 3 ft. long, 2 ins. dia., 25 ins. in the ground, on bed rock, in mound of stone, for closing cor. of secs. 22 and 27, marked on brass cap

T7S	R17E
S28	S22
	S27

CC

1924

Deposit stone marked cross (X) at base of post.

Land, rolling.
Soil, sandy, 3rd rate.
Timber, none.
Undergrowth, cat claw, mesquite, and cacti.

From the cor. of secs. 22, 23, 26, and 27.
N. 0° 01' W., on true line bet. secs. 22 and 23.
Over rolling and broken land, through undergrowth.
Desc. 215 ft. over NE. slope.

11.70 Wash, 100 lks. wide, course W.; asc. 190 ft. over S. slope.

23.80 Spur, slopes W.; then along W. slope.

28.80 Desc. 190 ft. over N. slope.

37.15 Wash, 50 lks. wide, course N. 70° W.

38.80 Asc. 30 ft. over SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

S22	S23
-----	-----

1924

from which
A palo verde, 6 ins. dia, brs S. 72 $\frac{1}{2}$ ° E., 74 lks. dist., marked $\frac{1}{4}$ S23 BT.
A palo verde, 4 ins. dia., brs S. 54 $\frac{1}{4}$ ° W., 46 lks. dist., marked $\frac{1}{4}$ S22 BT.
Asc. 90 ft. over SW. slope.

49.50 Spur, slopes W.; desc. 80 ft. over NW. slope.

53.20 Ravine, course S. 70° W.; asc. 115 ft. over S. slope.

57.00 Spur, slopes SW.; desc. 100 ft. over N. slope.

62.00 Wash, 15 lks. wide, course W.; asc. SW. slope 30 ft.

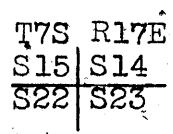
64.70 Short spur, slopes S. 65° W.; desc. slightly over N. slope.

66.00 Enter ravine, course SW.

69.00 Leave ravine, course SW.; asc. 120 ft. over SE. slope.

80.00 Spur, slopes S. 70° W.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for cor. of secs. 14, 15, 22, and 23, marked on brass cap



1924
Raise mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, rolling.
Soil, sandy and rocky, 3rd rate.
Timber, palo verde.
Undergrowth, palo verde, greasewood, mesquite, and cacti.

Survey of part (completion) of Subdivision lines, of T7S R17E

Chains.	N.89°49'E., on random line bet. secs. 14 and 23.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.36	Intersect the N. and S. line, 9 lks. N. of the cor. of secs. 13, 14, 23, and 24.
	Thence
	S.89°53'W., on true line bet. secs. 14 and 23.
	Over rolling land, through undergrowth.
	Desc. slightly over SW. slope.
2.36	Wash, 8 lks. wide, course S.20°W.; asc. 34 ft. over SE. slope.
6.37	Spur, slopes SW.; desc. 95 ft. over W. slope.
10.36	Ravine, course S.25°W.; asc. 94 ft. over SE. slope.
20.00	Spur, slopes SW.; desc. 155 ft. over SW. slope.
35.00	Wash, 10 lks. wide, course SE.; asc. 66 ft. over NE. slope.
40.18	Set an iron post, 3 ft. long, 1 in. dia., 21 ins. in the ground, on bed rock, in mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$ S14 S23 1924
	Deposit stone marked cross at base of post.
	Asc. NE. slope slightly.
40.67	Thence along N. slope.
42.37	Desc. 80 ft. over NW. slope.
49.15	Wash, 30 lks. wide, course SW.; asc. 115 ft. over SE. slope.
64.37	Thence along S. slope.
71.00	Desc. 40 ft. over SW. slope.
80.36	The cor. of secs. 14, 15, 22, and 23.
	Land, rolling.
	Soil, sandy, 3rd rate.
	Timber, none.
	Undergrowth, palo verde, mesquite, cat claw, greasewood, and cacti.
	<hr/>
	S.89°48'W., on true line bet. secs. 15 and 22.
	Over rolling land, through undergrowth.
	Asc. 10 ft. over SE. slope.
1.00	Spur, slopes SW.; desc. 175 ft. over NW. slope.
11.00	Wash, 30 lks. wide, course SW.; asc. 55 ft. over SE. slope.
17.50	Spur, slopes SW.; desc. 60 ft. over W. slope.
21.00	Wash, 40 lks. wide, course S.; asc. 55 ft. over SE. slope
27.50	Spur, slopes S.; desc. 115 ft. over SW. slope.
33.40	Ravine, course S.; asc. 85 ft. over E. slope.
38.30	Spur, slopes SW.; desc. 35 ft. over NW. slope
40.00	Set an iron post, 3 ft. long, 1 in. dia., 18 ins. in the ground, on bed rock, in mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$ S15 S22 1924
	Deposit stone marked cross at base of post.
	(X)
	Desc. 145 ft. over NW. slope.
52.10	Wash, 15 lks. wide, course SW.; asc. 25 ft. over SE. slope
55.50	Spur, slopes SW.; desc. 60 ft. over NW. slope.
62.60	Wash, 20 lks. wide, course SW.; asc. 30 ft. over SE. slope
74.50	Thence along S. slope.
78.50	Desc. 15 ft. over SW. slope.
80.49	Intersect the E. bdy. of sec. 21, at 68 lks. S.0°4'E, of the cor. of secs. 16 and 21, hereinbefore described.

Chains.

A₁ intersection, set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, on bed rock, in mound of stone, for closing cor. of secs. 15 and 22, marked on brass cap

T7S R17E
S21 | S15
S22 | CC

1922

Deposit stone marked cross (X) at base of post.

Land, rolling.

Soil, sandy, 3rd rate.

Timber, none.

Undergrowth, palo verde, greasewood, cacti, mesquite, and catclaw.

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

N.0°01'W., bet. secs. 14 and 15.

Over rolling land, through undergrowth.

Desc. 100 ft. over ^NW. slope.

5.90 Wash, 30 lks. wide, course S.25°W.; asc. 90 ft. over S. slope.

11.00 Asc. 95 ft. over SW. slope.

20.00 Spur, slopes SW.; desc. 130 ft. over NW. slope.

28.40 Wash, 30 lks. wide, course S.65°W.; asc. 45 ft. over SW. slope.

32.00 Short spur, slopes SW.; desc. 10 ft. over NW. slope.

34.40 Ravine, course SW.; asc. 50 ft. over SE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 23 ins. in the ground, on bed rock, in mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap.

$\frac{1}{4}$
S15 | S14

1924

Deposit stone marked cross (X) at base of post.

Asc. 65 ft. over SE. slope.

44.00 Spur, slopes SW.; desc. 72 ft. over NW. slope.

50.00 Head of ravine, course N.65°W.

51.40 Spur, slopes N.65°W.; desc. 275 ft. over NE. slope.

66.10 Wash, 40 lks. wide, course SW.; asc. 75 ft. over SW. slope

70.00 Spur, slopes NW.; desc. 115 ft. over N. slope.

74.80 Ravine, course NW.; asc. 10 ft. over SW. slope.

79.00 Ravine, course W.; asc. 40 ft. over SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in the ground, for cor. of secs. 10, 11, 14, and 15, marked on brass cap.

T7S R17E
S10 | S11
S15 | S14

1924

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

Land, rolling.

Soil, sandy, 3rd rate.

Timber, none.

Undergrowth, palo verde, greasewood, catclaw, mesquite, and cacti.

Survey of part(completion)of Subdivision lines of T.7S.,R.17 E. 29

Chains.

40.00 N.89°53'E., on random line, bet. secs. 11 and 14.
Set temp. $\frac{1}{4}$ sec. cor.

89.46 Intersect the N. and S. line, 11 lks. S. of the cor. of secs. 11, 12, 13 and 14.
Thence
S.89°48'W., on true line, bet. secs. 11 and 14.
Over rolling and broken land, thru. scattering undergrowth.

.46 Spur, slopes NE.; desc. 40 ft., over NW. slope.

3.46 Thence along N. slope.

6.46 Ascend 60 ft., over NE. slope.

12.46 Spur, slopes NW.; desc. 415 ft., over SW. slope, to

40.23 Set an iron post, 3 ft. long, 1 in. in diam., 21 ins. in the ground, on bed rock, in mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 11
S 14
1924

Deposit a stone marked with a cross (x) at base of post.
Descend 20 ft. over SW. slope.

43.00 Wash, 15 lks. wide, course NW.; asc. 20 ft., over E. slope.

45.00 Short spur, slopes NW.; desc. 60 ft., over NW. slope.

49.60 Ravine, course N.; asc. 130 ft., over NE. slope.

63.46 Spur, slopes NW.; desc. 150 ft., over W. slope.

68.25 Head of ravine, course NW.; thence along N. slope.

74.25 Spur, slopes NW.; desc. 85 ft., over W. slope.

80.46 The cor. of secs. 10, 11, 14 and 15.
Land, rolling and broken.
Soil, rocky, 3rd rate.
Timber, none.
Undergrowth, palo verde, catclaw, mesquite, greasewood and cactus.

S.89°48'W., on true line, bet. secs. 10 and 15.
Over rolling land, thru. scattering undergrowth.
Descend 110 ft., over SE. slope.

13.20 Ravine, course NW.; asc. 25 ft., over NE. slope.

14.70 Spur, slopes NW.; desc. 80 ft., over SE. slope.

19.90 Wash, 20 lks. wide, course NW. Asc. 25 ft., over NE. slope.

26.20 Spur, slopes NW.; desc. 55 ft., over SW. slope.

30.60 Main ravine, course NE.; asc. 30 ft., over NE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, on bed rock, in mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 10
S 15
1924

Deposit a stone marked with a cross (x) at base of post.
Ascend 30 ft., over NE. slope.

43.20 Spur, slopes NW. Desc. 140 ft., over W. slope.

50.80 Ravine, course N.; asc. 53 ft., over NE. slope.

58.20 Spur, slopes N. 25°W.; desc. 95 ft., over NW. slope.

67.00 Wash, 20 lks. wide, course N.; asc. 125 ft. over NE. slope, to

80.20 Intersect the E. bdy. of sec. 16 at 88 lks. S. 0° 04'W. of the cor. of secs. 9 and 16, 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. 10 and 15, marked on brass cap,

T7S | R17E
S10
S16 | S15 - CC
1924

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.
Land, rolling.
Soil, sandy and rocky, 3rd rate.
Timber, none.

30 Survey of part(completion)of Subdivision lines of T.7S.,R.17E.

Chains.

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

- From the cor.of secs.10,11,14 and 15,
N.0°01'W.,bet. secs.10 and 11.
Over rolling land, thru. scattering brush.
Ascend 20 ft.,over SW.slope.
- 2.20 Spur,slopes NW.
Descend 110 ft., over NE.slope.
- 9.10 Wash,15 lks.wide, course N.65°W.
- 16.00 Wash, 40 lks.wide, course S.65°W.
Ascend 110 ft.,over S.slope.
- 28.00 Spur,slopes W.
Descend 50 ft.,over N.slope.
- 35.50 Ravine, course W.
Ascend 50 ft.,over S.slope.
- 36.70 Spur,slopes N.65°W., thence along rolling W.slope.
- 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,

$\frac{1}{4}$
 S10 | S11
 1924

- Raise a mound of stone, 3 ft.base. 2 ft.high,W.of cor.
Continue over rolling W.slope.
- 51.00 Ascend 405 ft.,over SW.slope,to
- 80.00 Set an iron post, 3 ft.long, 2 ins.in diam., 6 ins.in the
ground,on bed rock, in mound of stone, for cor.of secs.
2,3,10 and 11, marked on brass cap,

T7S | R17E
 S 3 | S 2
 S10 | S11
 1924

Deposit a stone marked with a cross (x) at base of post.
Land, rolling and mountainous.
Soil, rocky, 3rd rate.
Timber, none.
Undergrowth, palo verde, greasewood, catclaw, mesquite
and cactus.

- N.89°48'E.,on random line,bet.secs.2 and 11.
- 40.00 Set temp. $\frac{1}{4}$ sec.cor.
- 80.40 Intersect the N. and S.line,7 lks.S.of the cor.of secs.1,
2,11 and 12.
Thence,
S.89°45'W., on true line, bet. secs.2 and 11.
Over mountainous land, thru. heavy undergrowth.
Along broken N.slope.
- 20.40 Ascend 50 ft.,over NE.slope.
- 29.00 Spur, slopes NW.
Descend 105 ft.,over W.slope.
- 33.00 Ravine, course N.
Ascend 85 ft., over NE.slope.
- 35.70 Spur,slopes N.30°W.
Descend 70 ft.,over W.slope,to
- 40.20 Set an iron post, 3 ft.long, 1 in. in diam., 18 ins. in
the ground, on bed rock, in mound of stone, for $\frac{1}{4}$
sec.cor., marked on brass cap,

Chains

$\frac{1}{4}$ S 2
S 11
1924

Deposit stone marked cross (X) at base of post.
Desc. 115 ft. over W. slope.
45.70 Holy Joe canyon, dry wash in bottom 100 lks. wide, course
NW. Asc. 640 ft. over NE. slope, to

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

Land, mountainous.
Soil, rocky, 3rd rate.
Timber, none.
Undergrowth, cat claw, mesquite, palo verde, and cacti.

S. 89° 48' W., on true line bet. secs. 3 and 10.
Over mountainous land, through heavy undergrowth.
Along top of ridge.

9.26 Ridge, hrs N. 65° W. and S. 65° E.; desc. 310 ft. over W.
slope.
20.37 Ravine, course S. 30° W.; then along S. slope.
26.26 Desc. 200 ft. over SW. slope.
38.46 Ravine, course NW.; asc. 35 ft. over NE. slope.
40.00 Spur, slopes NW.
Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S 3
S 10
1924

Raise mound of stone, 3 ft. base, 2 ft. high, N. of cor.
Desc. 200 ft. over SW. slope.
50.05 Wash, 15 lks. wide, course SW.
51.36 Same wash, 15 lks. wide, course N.
54.26 Enter same wash, from NE., course W.
57.36 Leave same wash, from E., course NW.
58.66 Wash, 15 lks. wide, course S. 65° W.
59.00 Wash, 10 lks. wide, course S. 30° W.; asc. 90 ft. over
SE. slope.
68.36 Spur, slopes SW.; desc. 175 ft. over SW. slope.
80.36 Intersect East bdy. of sec. 9, at 99 lks. S. 0° 2' W., of
the cor. of secs. 4 and 9, hereinbefore described.
At intersection, set an iron post, 3 ft. long, 2 ins.
in dia., 26 ins. in the ground, for closing cor. of secs
3 and 10, marked on brass cap

T7S R17E
S 9 | S 3
S 10 CC

1924

Raise mound of stone, 3 ft. base, 2 ft. high, E. of cor.
Land, mountainous.
Soil, rocky, 3rd rate.
Timber, none.
Undergrowth, cat claw, mesquite, palo verde, greasewood,
and cacti

From the cor. of secs. 2, 3, 10, and 11.
North on random line bet. secs. 2 and 3.
40.00 Set temp. $\frac{1}{4}$ sec. cor.

Chains

80.23 Intersect the N. bdy. of the Tp., 14 lks. S.89°40'W. of the reconstructed cor. of secs. 2,3,34, and 35, hereinbefore described.

Thence

S.0°06'W., on true line bet. secs. 2 and 3.

Over mountainous land, through undergrowth.

Asc. 90 ft. over N. slope.

3.23 Asc. 155 ft. over NW. slope.

5.63 Trail, brs SE. and NW.

8.13 Main shaft of mine, brs West, about 3,00 chs. dist.

17.33 Spur, slopes N.65°W.; desc. 220 ft. over SW. slope.

31.33 Spur, slopes SW.; desc. 205 ft. over S. slope.

37.53 Trail, brs E. and W.

40.23 Set an iron post, 3 ft. long, 1 in. dia., 25 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$

S 3 | S 2

1924

Raise mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Desc. 150 ft. over S. slope.

45.23 Holy Joe Canyon, with stream of water, 5 lks. wide, 4 ins. deep in bottom, course NW.; asc. 800 ft. over N. slope.

77.93 Ridge, brs N.65°W., and S.65°E.; desc. 20 ft. over SW. slope to

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

Land, mountainous.

Soil, rocky, 3rd rate.

Timber, none.

Undergrowth, mesquite, cat claw, palo verde; and cacti.

The continued satisfactory adjustment of the solar during the survey of this township is indicated from tests as described in book "I"

GENERAL DESCRIPTION.

Land is gently rolling in the southwest cor. of fraction, increasing in roughness toward the NE. corner. The four northeast sections are very rugged.

The soil is gravelly and quite fertile.

There is no timber except some alder near the bottom of Holy Joe Canyon, & Aravaipai creek.

The brush is the usual kind found in Southern Arizona between the elevations of 1,000 and 3,000 ft., which is greasewood, cholla, cacti, palo verde, catclaw, mesquite. There are a few juniper and considerable oak brush in the northeast corner.

Grass grows well when the rainfall is sufficient. The grass and browse feed considerable stock.

A homesteader resides in section 3 and a ranch has been established in section 23 also.

Water is very scarce; the only permanent supply is Aravaipai creek.

BOOK 3705

4-680

FIELD ASSISTANTS. to

Theodore Vander Meer, U.S. Transitman,

NAMES.	CAPACITY.
Frank Lack	1st chairman,
Arthur Castelazo	2nd chairman,
Clifford Hook	Cornerman,
Paul Bruno	Flagman,

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, ~~surveyed~~ ^{retraced} all those parts or portions of ~~the~~ ^{the} ~~Subdivision lines;~~ ^{and resurveyed} all those parts or portions of the ~~North boundary and Subdivision lines;~~ ^{and surveyed} all those parts or portions of ~~North boundary and Subdivision lines of~~

TOWNSHIP 7 SOUTH, RANGE 17 EAST.

~~of the~~ ^{of the} Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in ~~the foregoing field notes~~ ^{and by diagram on page 1 hereof} 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. Transitman

APPROVAL.

OFFICE OF U.S. SUPERVISOR OF SURVEYS,

Denver, Colorado, March 20, 1926

The foregoing field notes of the ~~retracement of~~ ^{Part of the Subdivision lines;} ~~Part of the North boundary and part of the Subdivision lines;~~ ^{of the resurvey of} ~~Part (completion) of the North boundary, and part (completion) of the Subdivision lines of~~ ^{Part (completion) of the North boundary, and part (completion) of the Subdivision lines of} TOWNSHIP 7 SOUTH, RANGE 17 EAST. ~~of the Gila and Salt River Base and Meridian, in the State of Arizona,~~

executed by Theodore Vander Meer, U. S. Transitman, under his special instructions dated October 24th, 1923, for Group 125, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the ~~retracements, resurveys and surveys~~ they describe, are hereby approved.

Wm. H. ...
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.~~