

3690

ORIG 73

Book "A"

4-679

BOOK 3690

FIELD NOTES

RE-
OF THE SURVEY OF THE

Part of the South boundary of T. 2 N., R. 15 E.,

Part of the North boundary, and

Part of the Subdivision lines of T. 1 N., R. 15 E.,

AND OF THE SURVEY OF

Part (completion) of the West boundary, and

Part (completion) of the Subdivision lines of

TOWNSHIP 1 NORTH, RANGE 15 EAST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

William B. Kimmel,

U. S. Cadastral Engineer.

In the capacity of U. S. Surveyor, under Special Instructions dated Oct. 15, 1923, issued by the United States Surveyor General to govern surveys included in Group No. 124, Arizona, which were approved by the Commissioner of the General Land Office, Nov. 3, 1923, and Assignment Instructions dated Nov. 7, 1923.

Resurvey and Survey commenced November 15, 1923.

Resurvey and Survey completed December 6, 1923.

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See Index Diagram on page 1

INDEX DIAGRAM.

Township , *Range*

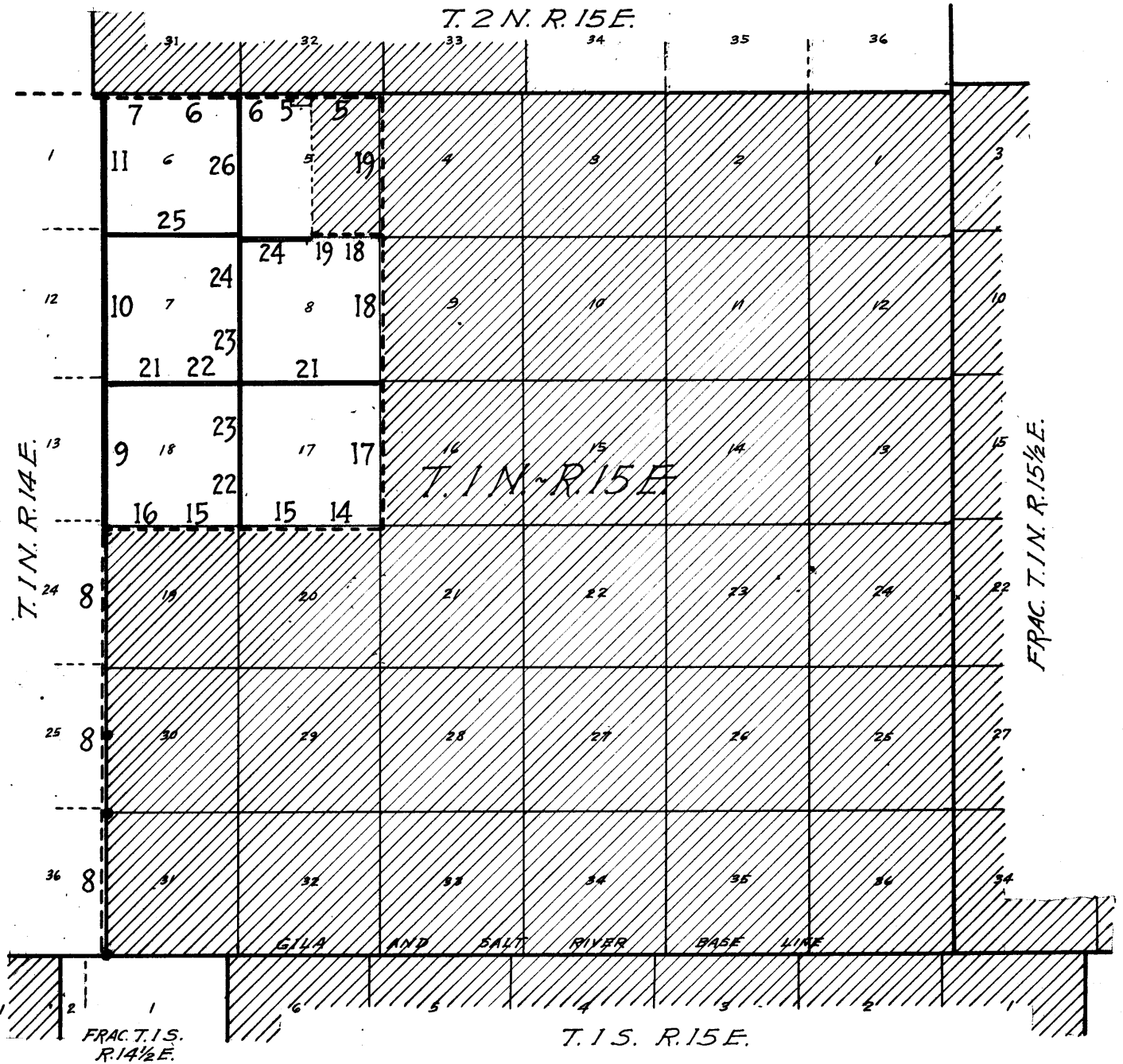
| | | | | | |
|----|----|----|----|----|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
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Book "A"

GROUP 124 - ARIZONA.

BOOK 3690

INDEX DIAGRAM.



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

2.000 3000

BOOK 3690

Book "A"

GROUP 124- ARIZONA

TOWNSHIP 1 NORTH, RANGE 15 EAST

~ DATE ~ DIAGRAM ~
1923.

| | | | | | | | | |
|---|---------------|---------------|--------------|---------|----|----|----|----|
| Nov. 23 | Nov. 16 6 | Dec. 6 | Nov. 15 5 | Nov. 15 | 4 | 3 | 2 | 1 |
| | Dec. 5 | Dec. 5 | Nov. 24 | Nov. 17 | 9 | 10 | 11 | 12 |
| Nov. 22 | 7 | Dec. 3 | 8 | Nov. 17 | 9 | 10 | 11 | 12 |
| | Dec. 4 | Dec. 3 | Dec. 3 | Nov. 17 | 16 | 15 | 14 | 13 |
| Nov. 22 | 18 | Dec. 3 | 17 | Nov. 17 | 16 | 15 | 14 | 13 |
| Retraced Nov. 19, 1923 in search for corrs. | Nov. 19 19 | Nov. 17 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 |
| | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 |

Gila and Salt River Base Line

— Lines surveyed by Wm. B. Kimmel, U.S.C.E., on dates shown thereon.

--- Lines resurveyed by Wm. B. Kimmel, U.S.C.E., on dates shown thereon.

— Accepted surveyed lines.

Resurveys and surveys herein described, were executed on dates shown on diagram on page 2 hereof, by Wm. B. Kimmel, U.S.C.E., using W. and L. E. Gurley light mountain transit No. 20120, equipped with a full vertical circle and Smith solar attachment; unless otherwise specified, all azimuth determinations are accomplished with the solar attachment.

Nov. 14, 1923: Examine the adjustments of the transit, and correct all errors; then, to test the solar apparatus, by comparing its indications resulting from solar observations made during a.m. and p.m. hours with a meridian established by Polaris observations, proceed as follows:

At camp in the NW. $\frac{1}{4}$ of sec. 9, T. 1 N., R. 15 E., G. & S. R. Base and Meridian, Arizona; latitude, $33^{\circ} 27' N.$, longitude, $110^{\circ} 50' W.$, at 3h. 30m. p.m., l.m.t., set off $32^{\circ} 27' N.$ on the lat. arc; $18^{\circ} 07\frac{1}{2}' S.$ on the decl. arc, determine a meridian with the solar, and mark the same by a tack in a peg driven firmly in the ground, 5 chs. N.

Nov. 15, 1923: At 3h. 58m. a.m., l.m.t., at above mentioned transit station, 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.

At 8h. 15m. a.m., l.m.t., lay off the azimuth of Polaris, $1^{\circ} 19'$ to the east, and mark the meridian thus determined by a tack in a peg driven firmly in the ground 6 chs. N., which meridian coincides with the meridian determined with the solar at 3h. 30m. p.m., l.m.t. on Nov. 14, 1923.

At 8h. 30m. a.m., l.m.t., set off $33^{\circ} 27' N.$ on the lat. arc; $18^{\circ} 18\frac{1}{2}' S.$ on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

At apparent noon, with the lat. arc unchanged, observe the sun on the meridian; the resulting reading of the decl. arc is $18^{\circ} 21\frac{1}{2}' S.$, which agrees with the computed decl. of the sun,

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

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

Resurvey of part of S. bdy. of T. 2 N., R. 15 E., and part of
4 North bdy. of Township 1 North, Range 15 East.

The East $4\frac{1}{2}$ miles of the N. bdy. of T. 1 N., R. 15 E. were surveyed in 1899 by A. T. Colton, U. S. D. S. in connection with the survey of part of the subdivision of T. 1 N., R. 15 E., establishing thereon all sec. and $\frac{1}{4}$ sec. cors. with a common reference to areas on both sides of the line.

The west $1\frac{1}{2}$ miles were surveyed by E. C. Dietrich, U. S. D. S. in 1906, establishing thereon the sec. cor. and the $\frac{1}{4}$ sec. cor. with a common reference to areas on both sides of the line, and establishing the Tp. cor. with a common reference to four townships.

The same surveyor at same time resurveyed the East $4\frac{1}{2}$ miles of this township boundary, and surveyed part of the subdivision lines of T. 2 N., R. 15 E., establishing closing cors. on the Tp. bdy. for secs. 31 and 32, 32 and 33, and 33 and 34, of said township, thereby changing the reference of all sec. and $\frac{1}{4}$ sec. cors. on the line to refer to areas S. of line only, but said surveyor failed to alter said section and $\frac{1}{4}$ sec. cor. monuments to indicate such change in reference.

The west half of N. bdy. of sec. 5, T. 1 N., R. 15 E. was resurveyed in 1916, by W. G. Turley, U. S. Forest Service Surveyor in connection with the survey of Forest Homestead No. 442 in said sec., but said surveyor also failed to alter the sec. and $\frac{1}{4}$ sec. cor. monuments to refer to areas S. of line only.

No other resurvey and no retracement of this Tp. bdy. is of record. The following notes describe a resurvey of the N. bdrs. of secs. 5 and 6, T. 1 N., R. 15 E. and resurvey of S. bdy. of sec. 31, T. 2 N., R. 15 E.

Retracement for Resurvey.

- From cor. of secs. 4 and 5, T. 1 N., R. 15 E., hereinafter described,
N. $89^{\circ}34'W.$, on random line, on N. bdy. of sec. 5 (E. $\frac{1}{2}$).
40.34 Fall 34 lks. N. of the $\frac{1}{4}$ sec. cor. of sec. 5, identical with cor. No. 1 (NE. cor.) of Forest Homestead No. 442, hereinafter described.
True course and dist. of E. $\frac{1}{2}$ of N. bdy. of sec. 5 are therefore, S. $89^{\circ}57'W.$, 40.34 chs.
Thence,
N. $89^{\circ}58'W.$, on random line, on N. bdy. of sec. 5 (W. $\frac{1}{2}$).
10.02 Fall 7 lks. N. of cor. No. 4 (NW cor.) of Forest Homestead No. 442, hereinafter described.
Continue line and measurement.
38.85 Fall 26 lks. N. of the original closing cor. of secs. 31 and 32, T. 2 N., R. 15 E., hereinafter described.
Continue line and measurement.
39.72 Fall 26 lks. N. of the cor. of secs. 5 and 6, T. 1 N., R. 15 E., hereinafter described.
True course and dist. of W. $\frac{1}{2}$ of N. bdy. of sec. 5 are therefore, S. $89^{\circ}39'W.$, 39.72 chs., and the two intermediate cors. are on line.

- From cor. of secs. 5 and 6, T. 1 N., R. 15 E., hereinafter described,
West, on random line, on old N. bdy. of sec. 6 (E. $\frac{1}{2}$).
40.39 Fall 48 lks. N. of the $\frac{1}{4}$ sec. cor. of sec. 6, hereinafter described.
True course and dist. of E. $\frac{1}{2}$ of old N. bdy. of sec. 6 are therefore, S. $89^{\circ}19'W.$, 40.39 chs.
Thence,
West, on random line, on old N. bdy. of sec. 6 (W. $\frac{1}{2}$).
32.94 Intersect the W. bdy. of T. 1 N., R. 15 E., at a point 124 lks. S. of the temp. closing cor. of T. 1 N., R. 15 E., set at 360 chs. due North of the original $\frac{1}{4}$ sec. cor. of secs. 25 and 30 of said Tps.

Resurvey of part of S. bdy. of T.2 N., R.15 E., and part of North bdy. of Township 1 North, Range 15 East.

Chains.

39.64 The true length of new N. bdy. of sec. 6 is therefore 40.39 chs. + 32.94 chs. = 73.33 chs.
 Continue line and measurement.
 Fall 55 lks. N. of the original cor. of Ts. 1 and 2 N., Rs. 14 and 15 E., hereinafter described.
 The true course and dist. of that portion of the S. bdy. of sec. 31, T.2 N., R.15 E. situated between the old $\frac{1}{4}$ sec. cor. of sec. 6 and the original Tp. cor. are therefore, S. 89° 12' W., 39.64 chs.
 The true length of S. bdy. of sec. 31, T.2 N., R.15 E. is therefore, 0.87 chs. + 40.39 chs. + 39.64 chs. = 80.90 chs., which, to maintain the original proportion bet. the E. and W. halves of S. bdy. of said sec., gives 40.25 chs. for the E. $\frac{1}{2}$ and 40.65 chs. for the W. $\frac{1}{2}$ of S. bdy. of sec. 31, T.2 N., R.15 E.

RESURVEY.

The original cor. of secs. 4, 5, 32 and 33 is a quartzite stone, 10x8x4 ins. above ground, firmly set, marked "1N" on N. face, "15E" on S. face, 2 notches on W. edge, and 4 notches on E. edge and witnessed by a mound of stone W. of cor. No bearing trees.
 Alter this cor. monument to refer to secs. 4 and 5 only, by obliterating the marking on the N. face, and moving the mound of stone from W. to S. of cor. This cor. is in a wire fence bearing N. and S., and in draw, course W. Thence, S. 89° 57' W., on true line, on N. bdy. of sec. 5 (E. $\frac{1}{2}$).
 Over rolling land, thru. dense undergrowth.
 Descend gradually in draw, course W.
 10.10 Wash, 30 lks. wide, course S. Thence over nearly level land.
 15.10 Wire fence, brs. N. and S.
 15.40 Road, brs. N. and S.
 19.30 Wash, 30 lks. wide, course SW.
 32.00 Right edge of Pinal Creek bottom, brs. N. and S. Thence across level bottom land. Leave dense scrub mesquite undergrowth.
 38.00 Center of dry bed of Pinal Creek, 90 lks. wide, course NW. Continue over level bottom land.
 40.34 Intersect the $\frac{1}{4}$ sec. cor. of sec. 5, identical with cor. No. 1 of Forest Homestead No. 442, reestablished in 1916, by W.G. Turley, U.S. Forest Service surveyor, in original position of the $\frac{1}{4}$ sec. cor. of secs. 5 and 32, said cor. monument having been destroyed by floods in Pinal Creek.
 This cor. monument is an iron pipe, 1 in. in diam., projecting 10 ins. above ground, marked " $\frac{1}{4}$ " on N. face, firmly set alongside a cedar stake marked "1-HES 442" and witnessed by the original bearing tree,
 A cottonwood, 28 ins. in diam., N. 17 $\frac{1}{2}$ ° W., 39 lks. dist., marked " $\frac{1}{2}$ S 32 BT, 1-HES 442."
 Alter this cor. monument to refer to the quarters of sec. 5 only, and to HES 442 by changing the marking on the bearing tree to read " $\frac{1}{4}$ S 5 BT 1-HES 442."
 No bearing tree S. of line is available.
 Thence, S. 89° 39' W., on true line, on N. bdy. of sec. 5 (W. $\frac{1}{2}$).
 Along N. bdy. (line 1-4) of HES 442.
 Over level bottom land, thru. scattering undergrowth.
 0.66 Left edge of Pinal Creek bottom, brs. NW. and SE. Leave level bottom and enter nearly level land. Ascend slightly over NE. slope.
 2.10 State highway (Apache Trail) brs. N. 10° W. and S. 10° E. Extends southeasterly to Globe and northwesterly to Roosevelt.
 2.72 Frame house brs. S. about 2 $\frac{1}{2}$ chs. dist.
 3.16 Wire fence, brs. NW. and SE.
 6.60 Wire fence, brs. N. and S. Enter mountainous land. Ascend 70 ft., over E. slope.

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6 Resurvey of part of S. bdy. of T. 2 N., R. 15 E., and part of
North boundary of Township 1 North, Range 15 East.

Chains.

- 7.55 Chicken house brs.S. about $1\frac{1}{2}$ chs.dist.
10.02 Spur, slopes NE. Intersect cor.No.4 (NW.cor.) of Forest
Homestead No.442, which is a quartzite stone, 9x6x6 ins.
above ground, firmly set, marked with a cross (x) on
top, "4 HES 442" on SE. face, and witnessed by a mound
of stone, E. of cor. and one bearing tree, a catclaw,
6 ins.in diam., S.35°E., 26 lks.dist., marked "4 HES 442
BT"
Continue line and measurement.
Descend 26 ft., over NW.slope.
13:13 Center of wash, 100 lks.wide, course NE.
Corral and water trough, brs.S. about 3 chs.dist.
Ascend 200 ft., over SE.slope.
13.15 Electric power transmission line, brs.N and S.
14.08 Wire fence, brs.N.and S.
24.06 Spur, slopes NE.
Descend 92 ft., over NW.slope.
29.20 Wash, 35 lks.wide, course NE.
Ascend 146 ft., over SE.slope.
36.16 Point of spur, slopes S. Enter rolling land.
Descend gradually over SW.slope, to
38.85 Intersect the original closing cor. of secs. 31 and 32, T. 2
N., R. 15 E., which is a quartzite stone, 14x12x10 ins.
above ground, firmly set, marked "CC" on N. face, 5
grooves on E. face and 1 groove on W. face, and witnessed
by a mound of stone, N. of cor. No bearing trees.
Continue line and measurement.
Descend slightly over SW.slope, to
39.72 Intersect the original cor. of secs. 5, 6, 31 and 32, which
is a limestone 6x5x4 ins. exposed above a mound of
stone, in which it is firmly set. Stone is marked
with 5 notches on E. edge and 1 notch on W. edge, and wit-
nessed by a mound of stone W. of cor.
No bearing trees.
Alter this cor. monument to refer to secs. 5 and 6 only,
by moving the mound of stone from W. to S. of cor.
Land, rolling, nearly level, level and mountainous.
Soil, sandy, gravelly and rocky, 2nd and 3rd rate.
Timber, none, except scattering cottonwood along Pinal
Creek.
Undergrowth, scrub mesquite, catclaw and cactus.
-
- From cor. of secs. 5 and 6,
S. 89° 19' W., on true line, on new N. bdy. of sec. 6.
Over rolling land, thru. scattering undergrowth.
Descend 28 ft., over SW.slope.
2.10 From this point, a mine shaft 30 ft. deep, brs. N. 30 lks.
dist.
7.10 Draw, course S. 70° E. Enter mountainous land and dense
undergrowth.
Ascend 350 ft., over SE.slope.
27.80 Point of spur, slopes S.
Descend 20 ft., over SW.slope.
31.90 Draw, course S.
Ascend 220 ft., over SE. slope.
39.30 Point of spur, slopes S.
Descend 12 ft. over SW. slope to $\frac{1}{4}$ sec. cor. of sec. 6.
39.38 (Proportional dist. of 40.25 chs. in westing from C.C. of
secs. 31 and 32) Point for $\frac{1}{4}$ sec. cor. of sec. 31 only).
40.00 Set an iron post, 3 ft. long, 1 in. in diam., over a cross
(x) marked on surface rock between two boulders, and
raise a mound of stone around post, for reestablished
 $\frac{1}{4}$ sec. cor. of sec. 6 only, with brass cap, marked

Resurvey of part of S. bdy. of T.2 N., R. 15 E., and part of
North boundary of Township 1 North, Range 15 East.

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| Chains. | |
|---------|--|
| | No bearing trees available. Continue line and measurement. Descend gradually over SW.slope, to |
| 40.39 | Intersect the original $\frac{1}{4}$ sec.cor. of secs. 6 and 31, which is a cross(x), marked on top of a granite boulder in place, exposed 24x14x4 ins. above ground; and "1" N. of cross. and witnessed by a mound of stone, N. of cor. No bearing trees. Alter this cor.monument to an angle point by marking "AP" on N.face of stone. Thence, S.89°12'W., on true line, continuing measurement of new N. bdy. of sed.6. Over mountainous land, thru. dense undergrowth. Descend 27 ft., over SW. slope. |
| 44.40 | Wash, course S. Ascend 69 ft., over SE. slope. |
| 49.90 | Point of spur, slopes S. Descend 73 ft., over SW.slope. |
| 53.82 | Wash, 15 lks.wide, course S. Ascend 205 ft., over NE.slope. |
| 66.52 | Top of ascent. Descend 90 ft., over NW.slope, to |
| 73.33 | Intersect the W bdy. of T.1 N., R.15 E. at a point 170 lks.S. of the temp.C.C.of Ts.1 N., Rs.14 and 15 E.set at 360 chs. due north of the original $\frac{1}{4}$ sec.cor. of Secs.25 and 30 of said Tps. Permanent closing cor. of said townships established at this point of intersection, as hereinafter described in notes of survey of W. bdy. of T.1 N., R.15 E. Continue line and measurement, completing resurvey of S. bdy. of sec.31, T.2 N., R.15 E. Descend 40 ft., over NW.slope. |
| 74.18 | Wash, 15 lks.wide, course NE. Ascend 35 ft., over SE.slope. |
| 77.00 | Point of spur, slopes S. Descend 15 ft., over SW. slope. |
| 78.37 | Same wash, course SE. Ascend 15 ft., over NE.slope, to |
| 80.03 | (39.64 chs.S.89°12'W.from angle point, and 80.90 chs.in westing from the C.C. of secs.31 and 32) Intersect the original cor. of Ts.1 and 2 N., Rs. 14 and 15 E., which is a quartzite stone, 12x9x5 ins.exposed above a mound of stone in which it is firmly set. Stone is marked "2N" on NE.face, "15E" on SE.face, "1N" on SW.face, "14E" on NW.face, and 6 notches on each of E., W., N. and S.edges, and witnessed by a mound of stone, S. of cor. No bearing trees. Alter this cor. monument to refer to Ts. 2 N., Rs.14 and 15 E. only by adding the marking "15E" on NE.face, obliterating the marking on the SE.and SW.faces, and the notches on the S.edge of stone and by moving the mound of stone from S.to N. of cor. Land, rolling and mountainous. Soil, gravelly and rocky, 3rd and 4th rate. Timber, none. Undergrowth, scrub mesquite, catclaw and cactus. |

Chains.

The south half of the W. bdy. of T.1 N.,R.15 E. was surveyed in 1899 by A.T. Colton, U.S.D.S., who, at the same time surveyed the G. and S.R. Base Line thru Rs. 14 and 15 E., the E. bdy. of T.1 N.,R.15 E., part of the N. bdy., and part of the Subdivision lines of said Tp. The following notes describe a survey of the N. $\frac{1}{2}$ of the West bdy. of T.1 N.,R.15 E., which completes the survey of said bdy.

From the original cor. of secs. 17, 18, 19 and 20, T.1 N., R. 15 E., retrace N. $89^{\circ}57'W.$, 79.80 chs. (record course and dist.), set temp. cor. of secs. 13, 18, 19 and 24, and make diligent search within a wide radius of same for the original cor. of said secs.

Being unable to find any trace of the original cor. of secs. 13, 18, 19 and 24, retrace south from the temp. cor. of said secs., and make diligent search at record intervals for the original $\frac{1}{4}$ sec. and sec. cors. on the W. bdy. of T.1 N., R.15 E. Find no trace of any original cor. until at 119.77 chs. S. of temp. sec. cor. fall 5.42 chs. W. of the $\frac{1}{4}$ sec. cor. of secs. 25 and 30.

As a check on this cor., continue line and measurement; and at 159.40 chs. fall 5.53 chs. W. of the original cor. of secs. 25, 30, 31 and 36.

Continue line and measurement, and at 238.17 chs., fall 6.14 chs. W. of the original std. cor. of T.1 N., R.14 and 15 E. on the Gila and Salt River Base line.

The position of the sec. cor. and std. Tp. cor. found southerly from the $\frac{1}{4}$ sec. cor. of secs. 25 and 30 confirms its identity as the original $\frac{1}{4}$ sec. cor. of said secs.; therefore, use said cor. as a basis for reestablishment of the missing cor. of secs. 18 and 19, T.1 N., R.15 E., as described as follows:

The $\frac{1}{4}$ sec. cor. of secs. 25 and 30 is a quartzite stone 28x14x8 ins. above ground, firmly set in concrete, marked "S" alongside a hole drilled in the top. No accessories.

As this cor. was found by the above described retracement to be 118.43 chs. in northing from the std. Tp. cor., it is evident that it, and all cors. established at 40.00 ch. intervals N. herefrom will refer to areas in T.1 N., R.15 E. only; therefore, alter this cor. monument to refer to the quarters of sec. 30 only by raising a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor.

No bearing trees available.

Thence,

North, on blank line, and at 120 chs., reestablish the cor. of secs. 18 and 19 as follows:

Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bed rock, supported in a mound of stone, for reestablished cor. of secs. 18 and 19 only, with brass cap, marked

| |
|------|
| T1N |
| R15E |
| S18 |
| S19 |

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from which,

A cedar, 6 ins. in diam., brs. N. $15\frac{1}{2}^{\circ}E.$, 264 lks. dist., marked T1N R15E S18 BT.

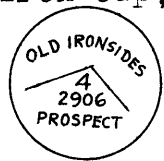
A cottonwood, 24 ins. in diam., brs. S. $79^{\circ}E.$, 221 lks. dist., marked T1N R15E S19 BT.

The NE. cor. (No. 4) of "Prospect" patented lode mining claim, Mineral Survey No. 2906, brs. S. $78^{\circ}33'W.$, 301 lks. dist., which is an iron post, 3 ins. in diam., firmly set in

Survey of part(completion) of West bdy. of Township 1 North, Range 15 E. 9

Chains.

concrete, marked on iron cap,



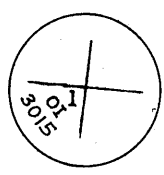
From reestablished cor. of secs. 18 and 19, described above, North, on true line, on W bdy. of sec. 18.

Over mountainous land, thru scattering timber and dense undergrowth, across patented mineral land.

Ascend 79 ft., over S. slope.

2.50

Intersect N. side line (4-1) of "Old Ironsides" patented lode mining claim, Mineral Survey No. 3015 at a point 4.12 chs. N. 83° 33' W. from cor. No. 1 thereof, which is an iron post, 3 ins. in diam., projecting 18 ins. above ground, firmly set in concrete; marked on iron cap;



Leave patented mineral land.

5.60

Spur, slopes E. Descend 142 ft., over N. slope.

8.90

Bottom of "Lost Gulch," course E.

Ascend 280 ft., over S. slope.

10.10

Road, brs. E. and W.

26.50

Thence along E. slope. Ascend 60 ft., to

40.00

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. 18 only, with brass cap, marked

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

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from which,

A cedar, 6 ins. in diam., brs. N. 60° E., 180 lks. dist., marked $\frac{1}{4}$ S 18 BT.

A cedar, 6 ins. in diam., brs. S. 61 $\frac{1}{2}$ ° E., 129 lks. dist., marked $\frac{1}{4}$ S 18 BT.

Ascend 34 ft., over SE. slope.

42.80

Ridge, brs. NE. and SW. Descend 24 ft., over NW. slope.

49.90

Mouth of tunnel, brs. E. 10 lks. dist., and mouth of another tunnel, brs. W. 100 lks. dist.

50.30

Wash, 20 lks. wide, course S. 20° W.

Ascend 253 ft., over SE. slope.

66.00

Ridge, brs. N. 70° E. and S. 70° W. Desc. 94 ft., over N. slope.

69.30

Head of ravine, course W.

Ascend 63 ft., over S. slope.

70.30

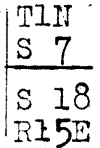
Intersect SW. end line (1-2) of "Gold Dollar" patented lode mining claim, Mineral Survey No. 3574, at a point 1.53 chs. N. 57° 55' W. from cor. No. 1 thereof, which is a pine post, 4 ins. square, marked "1-GD 3574" on N. face, projecting 30 ins. above ground, firmly set in ground and mound of stone. Thence across patented mineral land.

76.00

Spur, slopes W. Desc. 37 ft., over N. slope, to

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 7 and 18 only, with brass cap, marked



1923

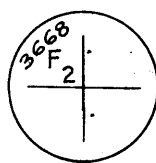
No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

Land, mountainous.

Soil, rocky, 4th rate. Timber, cedar.

Undergrowth, scrub oak, catclaw, soto, Spanish dagger & cactus.

10 Survey of part (completion) of West bdy. of Township 1 North Range 1 E.

| Chains. | |
|---------|--|
| | North, on true line, on W. bdy. of sec. 7. Over mountainous land, thru dense undergrowth and scattering timber, across patented mineral land. |
| 7.12 | Descend 100 ft., over N. slope. Intersect NW. side line (2-3) of "Gold Dollar Fraction" patented lode mining claim, Mineral Survey No. 3574, at a point 8.48 chs. S. $46^{\circ}39'W.$ from cor. No. 3 thereof, which is a pine post 4x6 ins., marked "3" GDF-3574" on SW. face, projecting 22 ins. above ground, firmly set in ground and mound of stone. Leave patented mineral land. |
| 7.80 | Drain, course W. Ascend 45 ft., over S. slope. |
| 10.20 | Spur, slopes NW. Descend 98 ft., over NE. slope. |
| 15.60 | Drain, course E. Asc. 232 ft., over S. slope. |
| 23.00 | Road, brs. N. $70^{\circ} E.$ and S. $70^{\circ} W.$ (graded). |
| 27.50 | Ridge, brs. E. and W. Descend 75 ft., over N. slope. |
| 36.10 | Drain, course E. Ascend 49 ft., over S. slope, to |
| 40.00 | 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. 7 only, with brass cap, marked |
| | S 7 1923 |
| | No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor. Ascend 184 ft., over S. slope. |
| 44.00 | Graded road, brs. NW and SE. |
| 48.40 | Ridge, brs. E. and W. Descend 150 ft., over N. slope. |
| 52.26 | Intersect S. side line (2-3) of "FOX" patented lode mining claim, Mineral Survey No. 3668, at a point 2.25 chs. S. $63^{\circ}00'W.$ from cor. No. 2 thereof, which is an iron post, 3 ins. in diam., projecting 15 ins. above ground, firmly set in concrete, with iron cap, marked |
| |  |
| 52.89 | Thence across said mining claim. Intersect N. side line (5-1) of same claim at a point 2.10 chs. S. $74^{\circ}35'W.$ from cor. No. 1 thereof, which is a redwood post, 4 ins. sq., projecting 24 ins. above ground, marked "1-F-3668" on SW face, firmly set in ground and mound of stone. Leave patented mineral land. |
| 54.10 | Ravine, course E. Ascend 45 ft., over S. slope. |
| 57.50 | Spur, slopes E. Descend slightly over E. slope. |
| 60.20 | Wash, 20 lks. wide, course E. Ascend 192 ft., over S. slope. |
| 61.77 | Intersect S. side line (2-3) of "Rosaline No. 9" patented lode mining claim, Mineral Survey No. 2732 at a point 137 lks. N. $74^{\circ}16'E.$ from cor. No. 3 thereof, which is a redwood post, 4 ins. sq., marked "3-2732-R9" on NE. face, projecting 30 ins. above ground, firmly set in a mound of earth and stone. Thence across patented mineral land. |
| 69.20 | Spur, slopes SE. Descend 40 ft., over NE. slope. |
| 76.50 | Drain, course E. Ascend 53 ft., over SE. slope, to |
| 80.00 | Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in |

Survey of part (completion) of West bdy. of Township 1 North, Range 15 E 11

Chains.

the ground, for ~~reestablished~~ cor. of secs. 6 and 7, only, with brass cap, marked

T1N
S 6
S 7
R15E

1923

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

From this sec. cor., Cor. No. 5 of "Fairview" patented lode mining claim, Mineral Survey No. 3653, brs. N. 86° 24' W., 8.48 chs. dist., which is a redwood post, 4 ins. square, projecting 30 ins. above ground, firmly set in mound of stone, marked "5-F 3653 on E. face, and 1-LC 3250" on SW. face.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, cedar.

Undergrowth, scrub oak, catclaw, soto, Spanish dagger and cactus.

North, on true line, on W. bdy. of sec. 6.

Over mountainous land, thru dense undergrowth and scattering timber, across "Fairview" patented lode mining claim, Mineral Survey No. 3653.

5.49

Ascend 336 ft., over SE. slope of "Sleeping Beauty Peak." Intersect NW. side line (5-1) of "Fairview" patented lode mining claim, Mineral Survey No. 3653 at a point 9.80 chs. N. 59° 36' E. from cor. No. 5 thereof, hereinbefore described. Leave patented mineral land.

25.00

Spur, slopes SE.

31.00

Descend 91 ft., over NE. slope.

Drain, course E.

32.20

Ascend 28 ft., over S. slope.

Spur, slopes E.

37.60

Descend 91 ft., over N. slope.

Drain, course E.

40.00

Ascend 43 ft., over S. slope, to

Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ~~reestablished~~ ^{re}sed. cor. of sec. 6 only, with brass cap, marked

S 6

1923

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

Ascend 58 ft., over S. slope.

44.00

Ridge, brs. E. and W.

Descend 257 ft., over N. slope.

57.70

Ravine, course NE.

Ascend 76 ft., over SE. slope.

67.10

Wire fence, brs. NE. and SW.

69.30

Ridge, brs. NE. and SW.

Descend 190 ft., over N. slope, to

78.30

Intersect the S. bdy. of T. 2 N., R. 15 E. at a point 6.70 chs. N. 89° 12' E. from the cor. of Ts. 2 N., Rs. 14 and 15 E., hereinbefore described.

At point of intersection, set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for closing cor. of Ts. 1 N., Rs. 14 and 15 E., with brass cap, marked

T2N R15E

S31

S 1 S 6

R14E R15E

C C

T 1 N

1923

BOOK 3690

12. Survey of part (completion) of W. bdy. of Township 1 N., R. 15 E.

Chains.

from which,

A cedar, 6 ins. in diam., brs + S. $39^{\circ}20'W.$, 86 lks.
dist., marked TLN R14E S1 CC BT.

No other bearing tree available.

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

Land, mountainous.

Soil, rocky, 4th rate.

Timber, cedar.

Undergrowth, scrub oak, cactus and Spanish dagger.

0080010 3890

Resurvey of part of the Subdivision lines of T. 1 N., R. 15 E. 13

chains.

The subdivision lines of T. 1 N., R. 15 E. were surveyed in 1899 by A. T. Colton, U. S. D. S., with the exception of the West $\frac{1}{2}$ miles of the fifth latitudinal sec. line, the west 2 miles of the fourth latitudinal sec. line, and the North 3 miles of the fifth meridional sec. line. The excepted lines were unsurveyed until surveyed under group No. 124; Arizona, as hereinafter described. Retracement of part of the Subdivision lines in the East half of the Tp. was executed by J. F. Hesse, U. S. D. S. in 1906.

No other retracement and no resurvey of any part of the Subdivision lines of this township is of record. The following notes describe a resurvey of the west 2 miles of the third latitudinal sec. line, the north 3 miles of the fourth meridional sec. line, and the E. $\frac{1}{2}$ of line bet. secs. 5 and 8.

Retracement for Resurvey.

From the cor. of secs. 4 and 5, on the N. bdy. of the Tp., hereinbefore described,
 S. 0° 2' E., on random line, bet. secs. 4 and 5.
 40.00 Diligent search in this vicinity fails to reveal any trace of the $\frac{1}{4}$ sec. cor. of secs. 4 and 5. Set temp. $\frac{1}{4}$ sec. cor.
 79.86 Fall 31 lks. W. of the cor. of secs. 4, 5, 8 and 9, hereinafter described.
 The true course and dist. of line bet. secs. 4 and 5 are therefore S. 0° 15' E., 79.86 chs.

From cor. of secs. 4, 5, 8 and 9,
 West, on random line, on S. bdy. of sec. 5 (E. $\frac{1}{2}$).
 39.71 Fall 12 lks. N. of the $\frac{1}{4}$ sec. cor. of secs. 5 and 8, hereinafter described.
 True course and dist. of E. $\frac{1}{4}$ of S. bdy. of sec. 5 are therefore S. 89° 50' W., 39.71 chs.

From cor. of secs. 4, 5, 8 and 9,
 S. 0° 2' E., on random line, bet. secs. 8 and 9.
 40.00 Diligent search in this vicinity fails to reveal any trace of the $\frac{1}{4}$ sec. cor. of secs. 8 and 9. Set temp. $\frac{1}{4}$ sec. cor.
 79.16 Fall 31 lks. W. of the cor. of secs. 8, 9, 16 and 17, hereinafter described.
 True course and dist. of line bet. secs. 8 and 9 are therefore N. 0° 15' W., 79.16 chs.

From cor. of secs. 8, 9, 16 and 17,
 S. 0° 2' E., on random line, bet. secs. 16 and 17 (N. $\frac{1}{2}$).
 40.20 Fall 63 lks. E. of the original $\frac{1}{4}$ sec. cor. of secs. 16 and 17, hereinafter described.
 True course and dist. of N. $\frac{1}{2}$ of line, bet. secs. 16 and 17 are therefore N. 0° 52' E., 40.20 chs.

Thence,
 S. 0° 2' E., on random line, bet. secs. 16 and 17, (S. $\frac{1}{2}$).
 40.19 Fall 8 lks. W. of the cor. of secs. 16, 17, 20 and 21, hereinafter described.
 True course and dist. of S. $\frac{1}{2}$ of line, bet. secs. 16 and 17 are therefore N. 0° 9' W., 40.19 chs.

From cor. of secs. 16, 17, 20 and 21,
 N. 89° 56' W., on random line, on N. bdy. of sec. 20 (E. $\frac{1}{2}$).
 40.30 Fall 27 lks. S. of the $\frac{1}{4}$ sec. cor. of secs. 17 and 20, hereinafter described.

14 Resurvey of part of the S. division lines of T.1 N., R.15 E.

Chains.

True course and dist. of E. $\frac{1}{2}$ of N. bdy. of sec. 20 are therefore, N. 89° 33' W., 40.30 chs.

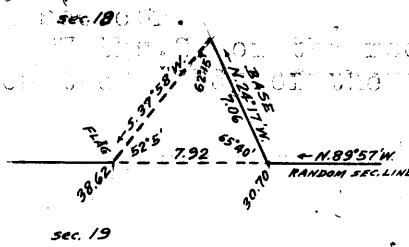
Thence

39.35 N. 89° 56' W., on random line, on N. bdy. of sec. 20 (W. $\frac{1}{2}$).
Fall 84 lks. N. of the cor. of secs. 17, 18, 19 and 20, hereinafter described.

True course and dist. of W. $\frac{1}{2}$ of N. bdy. of sec. 20 are therefore S. 88° 51' W., 39.36 chs.

From cor. of secs. 17, 18, 19 and 20,

30.70 N. 89° 57' W., on random line, on N. bdy. of sec. 19.
Triangulate across a portion of tailing pond as follows:



Measure a base N. 24° 17' W., 7.06 chs.
Set flag ahead on random sec. line.
From NW end of Base, the flag bears S. 37° 58' W.
Included angles of the triangle are 62° 15', 65° 40' and 52° 5', the sum of which is 180° 00'

Dist. on random sec. line = 30.70 chs. N. 89° 57' W.

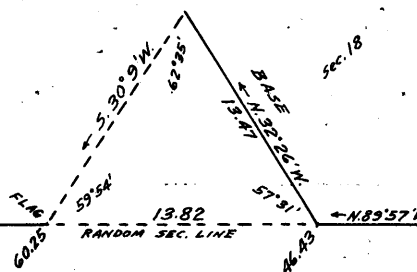
Dist. triangulated = 7.92 chs. N. 89° 57' W.

38.62 Total distance, = 38.62 chs. N. 89° 57' W.

Triangulation point. Continue line and measurement by chaining.

40.00 Diligent search in this vicinity fails to reveal any trace of the $\frac{1}{4}$ sec. cor. of secs. 18 and 19. Set temp. $\frac{1}{4}$ sec. cor.

46.43 Triangulate across another portion of same tailing pond as follows:



Measure a base N. 32° 26' W., 13.47 chs.
Set flag ahead on random sec. line.
From NW. end of base the flag bears S. 30° 9' W.
Included angles of the triangle are 62° 35', 57° 31' and 59° 54', the sum of which is 180° 00'.

Dist. on random sec. line = 46.43 chs. N. 89° 57' W.

Dist. triangulated = 13.82 chs. N. 89° 57' W.

60.25 Total distance, = 60.25 chs. N. 89° 57' W.

Triangulation point. Continue line and measurement by chaining.

74.38 Fall 24 lks. S. of the reestablished cor. of secs. 18 and 19 on the W. bdy. of the Tp., hereinafter described.

True course and dist. of N. bdy. of sec. 19 are therefore N. 89° 46' W., 74.38 chs., which to maintain original proportion bet. cor. intervals gives 37.28 chs. for the E. $\frac{1}{2}$ and 37.10 chs. for the W. $\frac{1}{2}$ of N. bdy. of sec. 19:

RESURVEY.

The cor. of secs. 16, 17, 20 and 21, identical with cor. No. 1 (SE. cor.) of "Gold Bug" placer mining claim, Mineral Survey No. 3045, is a quartzite stone exposed 12x12x9 ins. from a mound of stone in which it is firmly set. Stone is marked with a cross (x) on top, 3 notches on S. edge, 4 notches on E. edge, "15E" on SE. face and "1N" and "1GBP-3045" on N. face. No bearing trees, This cor. is in fence bearing N. and S.

Thence

N. 89° 33' W., on true line, on S. bdy. of sec. 17, identical with S. bdy. (line 1-2) of "Gold Bug" placer mining claim, Mineral Survey No. 3045.

Resurvey of part of Subdivision lines of T. 1 N., R. 15 E. 15

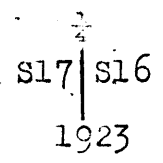
Chains.

- Over rolling land, thru. dense undergrowth.
Ascend 37 ft., over NE. slope.
- 0.11 Intersect the witness cor. to cor.No.1 of Gold Bug placer mining claim, which is an iron post, 3 ins.in diam., projecting 24 ins. above ground, marked "WC" 1-GBP-3045" on iron cap, and firmly set in concrete.
- 21.00 Spur, slopes SE.
Descend 35 ft., over SW.slope.
- 23.70 Dim road, brs.N.20°E. and S.20°W.
- 34.40 Drain, course SE.
Ascend 26 ft., over SE.slope, to
- 39.83 (Midpoint of S. bdy.of sec.17) Set an iron post, 3 ft. long, 1 in. in diam., 16 ins.in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raised mound of stone around post, for reestablished $\frac{1}{4}$ sec.cor.of sec.17 only, marked on brass cap,
- $\frac{1}{4}$ S 17
1923
- No bearing trees available.
Continue line and measurement.
Ascend gradually over SE. slope.
- 40.06 Intersect cor.No.2 (SW.cor.) of Gold Bug placer claim, which is in iron post 3 ins.in diam., projecting 24 ins. above ground; marked "2-GBP-3045" on iron cap, and firmly set in concrete.
Continue line and measurement.
Ascend slightly over SE.slope, to
- 40.30 Intersect the $\frac{1}{4}$ sec.cor.of secs.17 and 20, which is a quartzite stone, 7x5x3 ins. above ground, marked with a cross (x) on top, " $\frac{1}{4}$ S17" on N.face and "S20" on S. face, and witnessed by a mound of stone NE.of cor. No bearing trees.
Alter this cor.monument to refer to the quarters of sec.20 only by changing marking on S. face of stone to read " $\frac{1}{4}$ S20", obliterating old marking on N.face, and moving the mound of stone from NE. to S.of cor.
Thence
S.88°51'W., on true line, continuing measurement of S. bdy. of sec.17.
Ascend 63 ft., over SE.slope.
- 44.30 Road, brs.NW. and SE.
- 48.60 Wire fence, brs.N.80°W. and S.80°E.
- 50.25 Descend 23 ft., along S.slope.
- 54.23 Ascend 71 ft., over SE.slope.
- 61.30 Spur, slopes S.
Descend 29 ft., over SW.slope, to
- 79.66 Intersect the cor.of sec. 17, 18, 19 and 20, which is a granite stone 24x16x12 ins. above ground, firmly set, marked with a cross (x) on top, "15E" on S.face, ~~S~~ notches on E.edge, and 3 notches on S.edge, and witnessed by a mound of stone, W.of cor. No bearing trees.
This cor.monument is in good condition, and retains its original reference to four sections; therefore, no reconstruction or alteration is required.
Land, rolling.
Soil, gravelly, 3rd rate.
Timber, none.
Undergrowth, scrub mesquite, catclaw, scrub oak and corona christa.
-
- From cor.of secs.17, 18, 19 and 20,
N.89°46'W.on true line, on S.bdy.of sec.18.
Over mountainous land, thru. very scattering timber and dense undergrowth.
Descend 41 ft., over SW.slope.
- 2.90 Electric power transmission line, brs.NE.and SW.
- 4.20 Draw, course SE.
Ascend 108 ft., over E.slope.

16 Resurvey of part of Subdivision lines of T. 1 N., R. 15 E.

| | |
|---------|---|
| Chains. | |
| 10.70 | Ridge, brs. N. and S. Descend 137 ft., over W. slope. |
| 23.60 | Draw, course S. Ascend 50 ft., over E. slope. |
| 24.10 | Electric power transmission line, brs. N. 89° W. and S. 89° E. |
| 30.70 | Spur, slopes S. Descend 40 ft., over W. slope to edge of water. |
| 31.96 | Intersect E. side line (3-4) of "Warrior" patented lode mining claim, Mineral Survey No. 2500, at a point 5.13 chs. N. 15° 37' E. from cor. No. 4 thereof. Thence across patented mining claim, Mineral Survey Nos. 2500 and 3015. |
| 33.60 | Edge of water in the tailing pond of the I. C. C. Co., brs. N. and S. From this point, the sec. line crosses water in said pond. Discontinue chaining. Measurement from 30.70 ch. station to 38.62 ch. station by triangulation hereinbefore described; thence chain measurement S. 89° 46' E., 0.30 chs. to 38.32 ch. station. |
| 37.28 | Point for reestablishment of the $\frac{1}{4}$ sec. cor. of sec. 19 only, falls in the water in the tailing pond; therefore, witness cor. is established on sec. line at 2.72 chs. N. 89° 46' W. |
| 38.32 | Edge of water in tailing pond, brs. NE. and SW. Leave water surface. Continue line and measurement by chaining. Ascend 50 ft., over SE. slope to $\frac{1}{4}$ sec. cor. of sec. 18. |
| 38.62 | Triangulation point. Continue chaining. |
| 40.00 | 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. 18 only, and for witness cor. to reestablished $\frac{1}{4}$ sec. cor. of sec. 19 only, with brass cap, marked |
| | <u>$\frac{1}{4}$S 18</u> |
| | <u>$\frac{1}{4}$S 19 WC</u> 1923 |
| | No bearing trees available. Raise two mounds of stone, 3 ft. base, 2 ft. high, one each N. and S. of cor. From this $\frac{1}{4}$ sec. cor., Cor. No. 1 of "Flemming" patented lode mining claim, Mineral Survey No. 2500, brs. S. 42° 32' W., L. 1.61 chs. dist., which is a pine post, 4 ins. square, projecting 15 ins. above ground, firmly set, marked "1-2500-F-L" on SW. face, and "1-2500-S L" on SE. face. Continue across patented mining claims. |
| 41.70 | Ascend 15 ft., over SE. slope. Point of spur, slopes S. |
| 46.43 | Descend 35 ft., over SW. slope to edge of water. |
| 47.90 | Triangulation point. Continue chaining to Edge of water in same tailing pond, brs. NW and SE. |
| 52.00 | Discontinue chaining. Measurement to 60.25 ch. station by triangulation hereinbefore described, from which chain measurement, S. 89° 46' E., 8.25 chs., to Edge of water in same tailing pond, brs. N. and S. Thence, N. 89° 46' W., continuing measurement of S. bdy. of sec. 18, by chaining. |
| 55.20 | Ascend 70 ft., over NE. slope. Old road, brs. NW and SE. |
| 61.00 | Point of spur, slopes N. Descend 193 ft., over NW. slope. |
| 61.50 | Old mine shaft, brs. S. 65 lks. dist. |
| 72.25 | Bottom of Webster Gulch, 50 lks. wide, course N. 70° E., containing a stream of water, 5 lks. wide, 3 ins. deep. Ascend 104 ft., over SE. slope to cor. of secs. 18 and 19. |
| 73.20 | Old road, brs. N. 70° E. and S. 80° W. |
| 73.50 | Electric power transmission line, N. 60° E. and S. 60° W. |
| 74.38 | Intersect the reestablished cor. of secs. 18 and 19, on the W. bdy. of the Tp., hereinbefore described. Land, mountainous. Soil, gravelly and rocky, 3rd and 4th rate. Timber, cedar. Undergrowth, scrub oak manzanita and cactus. |

Resurvey of part of Subdivision lines of Township 1 N. R. 15 E. 17

| | |
|---------|--|
| Chains. | <p>From cor. of secs. 16, 17, 20 and 21, N.0°9'W., on true line, bet. secs. 16 and 17 (S. 3), identical with E. bdy. (line 1-4) of "Gold Bug" placer mining claim, Mineral Survey No. 3045. Over rolling land, along E. side of fence, bearing N. and S., thru. dense undergrowth. Descend 38 ft., over NE. slope.</p> <p>2.16 Bottom of ravine, course E. Ascend 40 ft., over S. slope.</p> <p>5.16 Spur, slopes E. Descend 83 ft., over N. slope.</p> <p>18.26 Wash, 50 lks. wide, course E. Enter mountainous land. Ascend 57 ft., over S. slope.</p> <p>23.65 Spur, slopes E. Descend 63 ft., over N. slope.</p> <p>29.61 Center of wash, 100 lks. wide, course E. Ascend 84 ft., over S. slope to $\frac{1}{4}$ sec. cor.</p> <p>34.06 Wire fence, brs. E. and W. Fence cor. brs. W. 30 lks. dist., from which, fences extend E. and S.</p> <p>39.99 Intersect cor. No. 4 (NE. cor.) of "Gold Bug" placer mining claim, Mineral Survey No. 3045, which is an iron post, 3 ins. in diam., projecting 19 ins. above ground, marked "4-GBP-3045" on iron cap, firmly set in concrete.</p> <p>40.19 Intersect the $\frac{1}{4}$ sec. cor. of secs. 16 and 17, which is a dacite stone 10x10x6 ins. above ground, firmly set, marked with a cross (x) on top, "16" on E. face and "$\frac{1}{4}$S17" on W. face, and witnessed by a mound of stone 3 ft. base, 2 ft. high, W. 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., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of secs. 16 and 17, marked on brass cap,</p> <div style="text-align: center;">  </div> <p>Thence, N.0°52'E., on true line, bet. secs. 16 and 17 (N. $\frac{1}{4}$). Over mountainous land, thru. dense undergrowth. Ascend slightly over S. slope.</p> <p>0.70 Spur, slopes E. Descend 121 ft. over N. slope.</p> <p>4.70 Draw, course E. Ascend 56 ft., over S. slope.</p> <p>14.20 Ridge, brs. E. and W. Descend 99 ft., over N. slope, to</p> <p>19.21 Right edge of wash, brs. E. and W. Thence across wash, course E.</p> <p>24.59 Left edge of wash, brs. E. and W. Leave wash. Ascend 85 ft., over S. slope.</p> <p>29.60 Ridge, brs. E. and W. Descend 91 ft., over N. slope.</p> <p>31.78 Drain, course E. Ascend 46 ft., over S. slope.</p> <p>35.52 Spur slopes E. Descend 37 ft., over N. slope, to</p> <p>40.20 Intersect the cor. of secs. 8, 9, 16 and 17, which is a quartzite stone 14x12x9 ins. above ground, firmly set marked with 4 notches on each of E. and S. edges, "1N" on W. face and "15E" on NW. face. No bearing trees. Around the stone is a scattering mound of stone. This cor. monument is on the W. side of a fence cor. from which fences extend E. and N. Reconstruct this cor. monument to retain its original four section reference by rebuilding the mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, none+ Undergrowth, corona christo, scrub oak, mesquite & catclaw.</p> |
|---------|--|

18 Resurvey of part of Subdivision lines of T. 1 N., R. 15 E.

| | |
|---------|--|
| Chains. | N.0°15'W., on true line, bet. secs. 8 and 9. Over mountainous land, thru. dense undergrowth, along W. side of wire fence, brs. N. and S. Descend 58 ft., over N. slope. |
| 4.05 | Draw, course S.70°E. Ascend 70 ft., over S. slope. |
| 7.86 | Spur, slopes S.70°E. Descend 60 ft., over N. slope. |
| 15.45 | Draw, course E. Ascend 82 ft., over S. slope. |
| 23.64 | Ridge, brs. E. and W. Descend 106 ft., over N. slope. |
| 38.85 | Wash, 60 lks. wide, course E. Ascend slightly over S. slope, to |
| 39.58 | (Midpoint of W. bdy. of sec. 9). 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. 9 only, marked on brass cap, <div style="text-align: center;"> S 9 1923 </div> |
| 40.00 | No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor. Ascend slightly over S. slope, to 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. 8 only, marked on brass cap, <div style="text-align: center;"> S 8 1923 </div> |
| 41.05 | No bearing trees available. Raise a mound of stone, 3 ft. base. 2 ft. high, W. of cor. Ascend 57 ft., over S. slope. |
| 49.24 | Road, brs. E. and W. Spur, slopes E. Descend 68 ft., over N. slope. |
| 52.95 | Wash, 30 lks. wide, course E. Ascend 159 ft., over S. slope. |
| 77.14 | Ridge, brs. E. and W. Old ruins br. SW. about 4 chs. dist. Descend 33 ft., over N. slope, to |
| 79.16 | Intersect the cor. of secs. 4, 5, 8 and 9, which is a granite stone, in place, exposed 72x48x36 ins. above ground, with an iron pipe set in drilled hole in top at ex- act cor. point. Dim notches are visible on each of E., W. and S. faces of stone. No bearing trees or other accessories. Fence cor. brs. E. 15 lks. dist., from which fences extend E. and S. Reconstruct this cor. monument to retain its original four section reference, by marking 5 notches on S. face, and 4 notches on E. face of stone, and raise a mound of stone 4 ft. base, 3 ft. high, W. of cor. 6 ft. dist. Land, mountainous. Soil, rocky, 4th rate. Timber, none. Undergrowth, scrub mesquite, catclaw, cactus, Spanish dagger and corona christo. |
| 6.50 | S.89°50'W., on true line, on S. bdy. of sec. 5 (E. $\frac{1}{2}$). Over mountainous land, thru. dense undergrowth. Descend 96 ft., over steep N. slope. |
| 14.80 | Wire fence, brs. N.20°W. and S.20°E. Drain, course NE. Ascend 250 ft., over E. slope to $\frac{1}{4}$ sec. cor. |
| 28.50 | Enter old ruins brs. N. and S. Thence thru. ruins. |
| 30.20 | Leave ruins, brs. N. and S. |
| 31.30 | Electric power transmission line, brs. N. and S. |

Chains.

- 39.71 Intersect the $\frac{1}{4}$ sec. cor. of secs. 5 and 8, which is a quartzite stone in place, exposed 24x12x2 ins. above ground marked with a cross (x) on top at exact cor. point, "5" on N. face, and "8" on S. face, and witnessed by a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. No bearing trees.
Alter this cor. monument to refer to the quarters of sec. 5 only, by obliterating the marking on the S. face of stone.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, none.
Undergrowth, scrub mesquite, catclaw and Spanish dagger.

-
- From the cor. of secs. 4 and 5, on the N. bdy. of the Tp., hereinbefore described,
S. $0^{\circ}15'E.$, on true line, bet. secs. 4 and 5.
Over gently rolling land, thru. dense undergrowth, along W. side of wire fence, brs. N. and S.
Ascend gradually over NW. slope.
6.00 Top of ascent.
Descend 70 ft., over SW. slope.
7.96 Wire fence, brs. E. and W. Joins N. and S. fence at about 5 lks. E.
13.56 Windmill brs. W., about 4 chs. dist.
14.35 Frame house brs. W. about 4 chs. dist.
14.75 Wire fence, brs. E. and W. Joins N. and S. fence at 3 lks. E.
Continue along W. side of wire fence, bearing N. and S.
25.35 Road brs. E. and W. at foot of SW. slope. Enter nearly level bottom land, and very scattering cottonwood timber.
26.96 U.S. Geological Survey bench mark monument, brs. E. 1.5 lks. dist., which is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, marked "ELEV 3170 Phoenix," on brass cap,
27.85 Wire fence E. of line turns from N. to S. $10^{\circ}E.$ at this point.
28.10 Road, brs. N. $10^{\circ}W.$ and S. $10^{\circ}E.$
30.47 Wire fence, brs. N. $10^{\circ}W.$ and S. $10^{\circ}E.$ Enter cultivated field.
39.93 (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 32 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor. of secs. 4 and 5, marked on brass cap,

+
S 5 | S 4

1923

- from which,
A cottonwood, 36 ins. in diam., brs. N. $83\frac{1}{2}^{\circ}E.$,
410 lks. dist., marked $\frac{1}{4}$ S 4 BT.
A cottonwood, 24 ins. in diam., brs. N. $84\frac{1}{2}^{\circ}W.$,
335 lks. dist., marked $\frac{1}{4}$ S 5 BT.
Continue over nearly level cultivated land.
46.56 Wire fence, brs. E. and W. Leave cultivated field.
55.05 Center of Pinal Creek, 5 chs. wide, course NW., containing a stream of water, 5 lks. wide, 2 ins. deep.
Enter rolling land.
Ascend 67 ft., over NE. slope.
64.76 State Highway (Apache Trail) brs. NW. and SE. Extends north-westerly to Roosevelt and southeasterly to Globe.
67.86 Spur, slopes E. Enter mountainous land.
Descend 78 ft., over S. slope.
72.00 Draw, course N. $60^{\circ}E.$
Ascend 309 ft., over steep N. slope, to
79.86 Intersect the cor. of secs. 4, 5, 8 and 9.
Land, gently rolling, nearly level, rolling and mountainous.
Soil, sandy and gravelly and rocky, 1st to 4th rate.

20 Resurvey of part of Subdivision lines of T.1 N. R.15 E.

Chains.
 Timber, cottonwood along Pinal Creek.
 Undergrowth, scrub mesquite, catclaw, scrub oak and cactus.

Boundaries of that part of Township 1 North, Range 15 East,
 surveyed under Group No.124 (secs.5,6,7,8,17 and 18).

Latitudes, departures, and closing errors.

| Lines designated. | True bearing. | Dist. | Latitudes. | | Departures. | |
|-------------------------|---------------------|--------|------------|--------|-------------|--------|
| | | | N. | S. | E. | W. |
| West boundary, | North, | 238.30 | 238.30 | | | |
| North boundary, | N.89°12'E. | 32.94 | .46 | | 32.94 | |
| | N.89°19'E. | 40.39 | .48 | | 40.39 | |
| | N.89°39'E. | 39.72 | .24 | | 39.72 | |
| | N.89°57'E. | 40.34 | .04 | | 40.34 | |
| Subdivisional boundary, | S.0°15'E. | 159.02 | | 159.02 | .69 | |
| | S.0°52'W. | 40.20 | | 40.20 | | .61 |
| | S.0°9'E. | 40.19 | | 40.19 | .10 | |
| | N.89°33'W. | 40.30 | .32 | | | 40.30 |
| | S.88°51'W. | 39.36 | | .79 | | 39.35 |
| | N.89°46'W. | 74.38 | .30 | | | 74.38 |
| Convergency, | | | | | .08 | |
| Totals, | | | 240.14 | 240.20 | 154.26 | 154.64 |
| | | | | 240.14 | | 154.26 |
| | Error in latitude. | | | 0.06 | | |
| | Error in departure. | | | | | 0.38 |

Survey of part (completion) of Subdivision lines of T.1 N., R.15 E. 21

Chains.

- From the cor. of secs. 8, 9, 16 and 17,
West, on true line, on Sectional Correction line, bet.
secs. 8 and 17.
Over mountainous land, thru. scattering timber and dense
undergrowth.
Ascend 55 ft., over N. and NE. slopes.
12.30 Spur, slopes SE.
Descend 55 ft., over SW. slope.
18.40 Draw, course SE:
Ascend 35 ft., over NE. slope.
21.80 Point of spur, slopes NE.
Descend 27 ft., over NW. slope.
25.75 Same draw, course N. 80° E.
Ascend 15 ft., over S. slope.
27.90 Electric power transmission line, brs. N. and S.
32.40 Same draw, course S. 60° E.
Ascend 56 ft., over NE. slope, to
40.00 Point of spur, slopes NE.
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor. of secs. 8 and 17, marked on
brass cap,

| | |
|------|---|
| 18 | 8 |
| — | |
| S 17 | |
| 1923 | |

from which,

- A cedar, 4 ins. in diam., brs. S. 19 $\frac{1}{2}$ ° W., 130 lks.
dist., marked $\frac{1}{4}$ S 17 BT.
A cedar, 4 ins. in diam., brs. N. 1° W., 88 lks.
dist., marked $\frac{1}{4}$ S 8 BT.
Descend 23 ft., over NW. slope.
44.10 Same draw, course N. 70° E.
Ascend 105 ft., over E. slope.
69.00 Spur, slopes N.
Descend 50 ft., over W. slope.
73.00 Drain, course N. near head.
Ascend 86 ft., over E. slope.
77.60 Spur, slopes N.
Descend 20 ft., over NW. slope, to
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 25 ins. in the
ground, for cor. of secs. 7, 8, 17 and 18, marked on
brass cap,

| | |
|------|------|
| T1N | R15E |
| S 7 | S 8 |
| — | |
| S18 | S17 |
| 1923 | |

from which,

- A juniper, 6 ins. in diam., brs. N. 58° E., 157 lks.
dist., marked T1N R15E S8 BT.
A juniper, 12 ins. in diam., brs. S. 48 $\frac{1}{2}$ ° E., 239 lks.
dist., marked T1N R15E S17 BT.
A mountain cherry, 4 ins. in diam., brs. S. 36 $\frac{1}{2}$ ° W., 22 lks.
dist., marked S 18 BT.
No other bearing tree available.
Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, cedar and juniper.
Undergrowth, corona christo, Spanish dagger and scrub oak.

- N. 89° 46' W., on random line, bet. secs. 7 and 18.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
74.19 Fall 71 lks. N. of the ~~reestablished~~ cor. of secs. 7 and 18,
on the W. bdy. of the Tp., hereinbefore described.
Thence,
N. 89° 41' E., on true line, bet. secs. 7 and 18.
Over mountainous land, thru. scattering timber and dense
undergrowth, across patented mining claims, Mineral

BOOK 3690

22 Survey of part (completion) of Subdivision lines of T. N. W. R. 15 E. Chains.

- survey No. 3574.
 Descend 58 ft., over NE. slope.
 2.19 Drain, course N.
 Ascend 85 ft., over NW. slope.
 6.69 Spur, slopes N.
 Descend 177 ft., over E. slope.
 11.29 Intersect SE. side line (4-1) of "Gold Dollar" patented lode mining claim, Mineral Survey No. 3574, at a point 8.41 chs. S. 43° 15' W. from cor. No. 4, thereof, which is a pine post, 4 ins. square, projecting 22 ins. above ground, firmly set, marked "4-GD-3574" on SW. face, Mound of stone around post.
 Leave patented mineral land.
 14.89 Drain, course N.
 Ascend 93 ft., over W. slope.
 22.73 Spur, slopes N. From this point, flag pole at the "Louis D" mining camp brs. N. 71° E.
 Descend 72 ft., over NE. slope.
 29.20 Drain, course N. near head.
 Ascend 26 ft., over NW. slope.
 31.39 Ridge, brs. NE and SW.
 Descend 21 ft., over SE. slope, to
 34.19 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of secs. 7 and 18, marked on brass cap,

$$\begin{array}{c} \frac{1}{4} \text{ S } 7 \\ \text{S } 18 \\ 1923 \end{array}$$
 from which,
 A cedar, 8 ins. in diam., brs. N. 71° E., 76 lks. dist., marked $\frac{1}{4}$ S 7 BT.
 A cedar, 6 ins. in diam., brs. S. 47 $\frac{1}{2}$ ° E., 144 lks. dist., marked $\frac{1}{4}$ S 18 BT.
 Descend 77 ft., over SE. slope, to
 40.69 Drain, course S. 60° E. near head.
 Descend slightly over S. slope, to
 45.89 Point of spur, slopes SE.
 Descend 180 ft., over E. slope.
 57.80 Intersect SW. end line (1-2) of "Schley" patented lode mining claim, Mineral Survey No. 3586, at a point 3.86 chs. S. 49° 25' E. from cor. No. 2 thereof, which is a granite stone 10x10x10 ins. above ground, firmly set, marked with a cross (x) on top, and "2-S-3586" on NE. face.
 Thence across patented mining claims, Mineral Survey No. 3586+
 65.29 Same drain, course NE.
 Ascend 63 ft., over NW. slope to sec. cor.
 72.67 Intersect SE. side line (4-1) of "Cash" patented lode mining claim, Mineral Survey No. 3586, at a point 9.80 chs. N. 34° 7' E. from cor. No. 1 thereof, which is a granite stone 12x12x10 ins. above ground, firmly set, marked with a cross (x) on top, and "1-C-3586" on NW. face.
 Leave patented mineral land.
 72.79 Old prospect hole, brs. S. 20 lks. dist.
 74.19 Intersect the cor. of secs. 7, 8, 17 and 18.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, cedar.
 Undergrowth, scrub oak, catclaw, mountain mahogany, Spanish dagger and cactus.
-
- 40.00 South, on random line, bet. secs. 17 and 18.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.77 Fall 29 lks. W. of the cor. of secs. 17, 18, 19 and 20, herein before described.
 Thence,
 N. 0° 12' W., on true line, bet. secs. 17 and 18.
 Over mountainous land, thru. scattering timber and dense undergrowth.

Survey of part(completion)of Subdivision lines of T.1 N., R.15 E. 23

Chains.

- Ascend 180 ft., over SW.slope.
 1.97 Mouth of tunnel, brs.E. 30 lks.dist.
 3.47 Electric power transmission line, brs.NE and SW.
 9.37 Wire fence, brs.NW and SE.
 11.57 Old ruins bear SE. about 2 chs. dist. on top of ridge.
 11.60 Ridge, brs.W. and S.70°E.
 Descend 166 ft., over N.slope.
 22.65 Road, brs.NW and SE.
 24.97 Wash, 30 lks.wide, course E.
 Ascend 100 ft., over S.slope.
 37.07 Ridge, brs.N.60°W. and East.
 Descend 46 ft., over NE.slope, to
 40.77 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins.in the
 ground, for $\frac{1}{4}$ sec.cor. of secs.17 and 18, marked on
 brass cap,

†
 s18 | s17
 1923

from which,

- A cedar, 8 ins.in diam., brs.S.13°E., 179 lks.
 dist., marked $\frac{1}{4}$ S 17 BT.
 A cedar, 6 ins.in diam., brs.N.57 $\frac{1}{2}$ °W., 325 lks.
 dist., marked $\frac{1}{4}$ S 18 BT.
- Descend 42 ft., over NE.slope.
 42.97 Draw, course E. from NW.
 Ascend 148 ft., over S.slope.
 58.87 Ridge, brs.E.and W.
 Descend 84 ft., over NE.slope.
 70.50 Head of ravine, course E.
 Ascend 72 ft., over S.slope.
 73.77 Ridge, brs.E.and W.
 Descend 116 ft., over NW.slope, to
 80.77 Intersect the cor.of secs..7,8,17 and 18.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, cedar.
 Undergrowth. scrub oak, Spanish dagger and cactus.
-
- N.0°16'W., on true line, on E.bdy.of sec.7.
 Over mountainous land, thru.dense undergrowth.
 Descend 108 ft., over NW.slope.
 2.22 Intersect SE. sideline (4-1) of "Cash" patented lode min-
 ing claim, Mineral Survey No.3586, at a point 8.73
 chs. S.34°7'W., from Cor.No.4 thereof, which is a dacite
 stone, 14x8x6 ins. above ground, firmly set, marked with
 a cross (x) on top, and "4-C" 3586 on W.face.
 Thence across said claim.
 8.50 Wash, 30 lks.wide, course NE.
 Ascend 15 ft., over SE. slope..
 11.40 Point of spur, slopes E.
 Descend 40 ft., over NE.slope.
 13.70 Intersect NE end line (3-4) of "Cash" patented lode mining
 claim, Mineral Survey No.3586 at a point 6.53 chs.N.49°
 25'W., from cor.No.4 thereof, hereinbefore described.
 Leave patented mineral land.
 16.20 Road, brs.NW. and S.70° E.
 16.40 Wash, 60 lks.wide, course S.70° E.
 Ascend 193 ft., over S.slope.
 28.80 Ridge, brs.E.and W.
 Descend 127 ft. over N.slope..
 39.50 Wash, 30 lks.wide, course S. 70°E.
 Ascend 10 ft., over S.slope, to
 40.00 Set an iron post, 3 ft.long, 1 in.in diam., 26 ins.in the
 ground, for $\frac{1}{4}$ sec.cor. of secs. 7 and 8, marked on brass
 cap,

24 Survey of part (completion) of Subdivision lines of T.1 N., R.15 E.

Chains.

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 7 \mid \text{S } 8 \\ 1923 \end{array}$$

- No bearing trees available.
Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Ascend 250 ft., over S. slope.
- 51.30 Ridge, brs. E. and W.
Descend 237 ft., over N. slope.
- 59.40 Wash, 30 lks. wide, course S. 70° E:
Ascend 175 ft., over S. slope.
- 69.50 Ridge; brs. E. and W.
Descend 114 ft., over N. slope.
- 75.00 Bottom of ravine, course E.
Ascend 52 ft., over S. slope, to
- 78.88 Intersect the subdivision line, bet. secs. 5 and 8, surveyed due West. Cor. of said secs. established at this point of intersection, as hereinafter described.
Continue line and measurement.
- 80.00 Ascend 14 ft., over S. slope, to
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 6 and 7, only, marked on brass cap,

$$\begin{array}{c} \text{TLN} \mid \text{R15E} \\ \text{S } 6 \mid \text{S } 5 \\ \text{S } 7 \mid \\ 1923 \end{array}$$

No bearing trees available.
Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, none.
Undergrowth, scrub oak, corona christo and Spanish dagger.

- 0.35 From $\frac{1}{4}$ sec. cor. of sec. 5, hereinbefore described, West, on true line, on S. bdy. of sec. 5 (W. 1/2).
Over mountainous land, thru. dense undergrowth.
Ascend 5 ft., over E. slope, to
(Midpoint of N. bdy. of sec. 8, 40.06 chs. westing)
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. 8 only, marked on brass cap,

$$\begin{array}{c} \frac{1}{4} \text{S } 8 \\ 1923 \end{array}$$

- No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.
Old ruins bear SW, about 2 chs. dist.
Continue line and measurement of W. $\frac{1}{2}$ of S. bdy. of sec. 5.
Ascend 12 ft., over E. slope.
- 1.79 Spur, slopes N.
Descend 118 ft., over W. slope.
- 7.80 Wash, 50 lks. wide, course N.
Ascend 78 ft., over E. slope.
- 12.78 Enter old ruins, brs. N. and S. Thence thru. ruins.
- 14.39 Leave ruins, bearing N. and S.
- 14.40 Point of spur, slopes NE.
Ascend 45 ft., over N. slope, to
- 25.68 Wash, 50 lks. wide, course NE.
Ascend 163 ft., over SE. and S. slopes, to
- 40.41 (80.12 chs. in westing from cor. of secs. 4, 5, 8 and 9). Intersect the E. bdy. of sec. 7 at a point 1.12 chs. S. 0° 16' E. from cor. of secs. 6 and 7, hereinbefore described.
At point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs.

Survey of part (completion) of Subdivision lines of T.1 N. E. 15 E. 25

Chains.

5 and 8 only, marked on brass cap,

| | |
|-----|------|
| TLN | R15E |
| S 7 | S 5 |
| | S 8 |

1923

No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, none.
 Undergrowth, catclaw, scrub mesquite and Spanish dagger.

40.00
73.83

From cor. of secs. 6 and 7,
 S. 89° 41' W., on random line, bet. secs. 6 and 7.
 Set temp. sec. cor.
 Fall 4 lks. S. of the cor. of secs. 6 and 7 on the W. bdy. of the Tp., hereinbefore described.

0.83
3.03

Thence,
 N. 89° 43' E., on true line, bet. secs. 6 and 7.
 Over mountainous land, thru. dense undergrowth, across patented mineral land.

7.83

Descend 17 ft., over SE. slope.
 Old mine shaft and dump, brs. S. 100 lks. dist.

9.33
14.93

Drain, course S.
 Ascend 67 ft., over SW. slope.
 Spur, slopes S. Smoke stack at "Louis D" mine, brs. S. 27° 39' E., about 15 chs. dist., and flag pole at the "Louis D" mining camp, brs. S. 7° 39' E.

19.02

Descend 141 ft., over E. slope.
 Road, brs. N. and S.
 Bottom of ravine, course S.
 Ascend 36 ft., over W. slope.

25.24

Spur, slopes S.
 Descend 102 ft., over E. slope.
 Drain, course S.

30.23

Ascend 93 ft., over W. slope.
 Spur, slopes S.

33.83

Descend 35 ft., over SE. slope, to
 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 sec. cor. of secs. 6 and 7, marked on brass cap,

| | |
|-----------------|---|
| $\frac{1}{4}$ S | 6 |
| S | 7 |

1923

35.30

No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.
 Descend 31 ft., over SE. slope.

40.23

Head of drain, course S.
 Ascend 47 ft., over SW. slope.

43.05

Ridge, brs. SNW and SE.
 Descend 34 ft., over NE. slope, to
 Head of ravine, course NE.

51.21

Descend 70 ft., over N. slope, to
 Same ridge, brs. NE and SW.

60.75

Descend 350 ft., over SE. and S. slopes to sec. cor.
 Intersect the SE. side line (2-3) of "Rosaline No. 6" patented lode mining claim, Mineral Survey No. 2494, at a point 3.04 chs. S. 55° 23' W. from Cor. No. 2 thereof, which is a pine post 4 ins. square, projecting 30 ins. above ground, firmly set in ground and mound of earth and stone, marked "II-2494-R6" on W. face.

73.83

Leave patented mineral land.
 Intersect the cor. of secs. 6 and 7.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, none. Undergrowth, scrub oak, corona christa and Spanish dagger.

26 Survey of part (completion) of Subdivision lines of T.1 N., R.15 E.

Chains.

- From cor. of secs. 5 and 8,
N.0°16'W., on random line, on W. bdy. of sec. 5.
- 1.12 Intersect cor. of secs. 6 and 7.
Continue line and measurement.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor. of sec. 5 only.
- 41.12 Set temp. $\frac{1}{4}$ sec. cor. of sec. 6 only.
- 79.78 Intersect the cor. of secs. 5 and 6 on the N. bdy. of the
Tp., hereinbefore described.
Thence,
S.0°16'E., on true line, on W. bdy. of sec. 5.
Over rolling land, thru. scattering undergrowth.
Descend 20 ft., over SW. slope.
- 4.36 Wash, 20 lks. wide, course E. Enter mountainous land and
dense undergrowth.
Ascend 278 ft., over N. slope.
- 23.96 Ridge, brs. E. and W.
Descend 223 ft., over SE. slope.
- 33.26 Stone wall, brs. NW. and SE.
- 37.66 Wash, 30 lks. wide, course NE.
Ascend 19 ft., over NW. slope, to
- 38.66 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground for $\frac{1}{4}$ sec. cor. of sec. 6 only, marked on
brass cap,

|
+s 6
|
1923
- No bearing trees available. Raise a mound of stone, 3 ft.
base, 2 ft. high, W. of cor.
- 39.25 Ascend 27 ft., over NW. slope to $\frac{1}{4}$ sec. cor. of sec. 5.
Intersect NE side line (4-1) of "Ben Hur No. 1" patented
lode mining claim, Mineral Survey No. 2496, at 5.13 chs.
N. 52°00'W. from cor. No. 1 thereof, which is a redwood
post, 4 ins. square, projecting 18 ins. above ground,
firmly set in ground and mound of stone, marked "I-2496-
BHL."
- 39.89 Thence across patented mineral land.
(Midpoint of W. bdy. of sec. 5) Set an iron post, 3 ft. long,
1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor.
of sec. 5 only, marked on brass cap,

|
+s 5
|
1923
- No bearing trees available. Raise a mound of stone, 3 ft.
base, 2 ft. high, E. of cor.
- 50.56 Ascend 256 ft., over NW. slope.
Ridge, brs. NE and SW.
- 60.26 Descend 154 ft., over SE. slope.
Bottom of ravine, course E.
- 72.68 Ascend 69 ft., over N. slope.
Intersect SE. side line (1-2) of "Ben Hur" No. 4" patented
lode mining claim, Mineral Survey No. 2700, at 11.30 chs.
N. 70°25'E. from cor. No. 2 thereof, which is a pine post,
4 ins. square, projecting 3 ft. above ground, firmly
set in ground and mound of earth and stone, marked 2-
2700-BH4" on NE. face.
- 75.16 Leave patented mineral land.
Ridge, brs. E. and W.
- 78.66 Descend 75 ft., over S. slope, to
Intersect the cor. of secs. 6 and 7, hereinbefore described.
Continue line and measurement,
Descend 14 ft., over S. slope, to
- 79.78 Intersect the cor. of secs. 5 and 8, hereinbefore described.
Land, rolling and mountainous.
Soil, rocky, 4th rate.
Timber, none.
Undergrowth, scrub oak, manzanita, Spanish dagger and cactus.

The continued satisfactory adjustment of the solar apparatus throughout the execution of the resurveys and surveys hereinbefore described, is indicated from field test described in Book "C" of this group.

GENERAL DESCRIPTION.

The northwestern part of T. 1 N., R. 15 E., surveyed as described in the foregoing notes is rolling and mountainous with a rocky, 4th rate soil, and drains easterly into Pinal Creek, which flows northwesterly thru the township.

There is some sandy and gravelly soil, 1st and 2nd rate along Pinal Creek in the east one-half of Sec. 5, and this is the only land suitable for cultivation in the NW. part of the township.

The northwest part of the township has a scattering growth of cedar and juniper timber, and a dense undergrowth of scrub mesquite, catclaw, Spanish dagger, corona christa, scrub oak, mountain mahogany and cactus.

Sections 5, 6, 7 and 8 are entirely within the Crook National Forest Reserve. These sections contain valuable mineral deposits as evidenced by numerous patented lode mining claims herein. There is a stream of running water in Pinal Creek. There are two settlers in this part of the township, both in Sec. 5. The automobile highway (Apache Trail) from Globe to Phoenix via Roosevelt Dam passes thru the east half of section 5. An electric power transmission line extends thru sections 5, 8, 17 and 18.

The mining towns of Globe and Miami are in the close vicinity of this part of the township.

CERTIFICATE OF UNITED STATES CADASTRAL ENGINEER.

I, William B. Kimmel, U.S. Cadastral Engineer, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 124, Arizona, bearing date of the 15th 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, resurveyed all those parts or portions of the South boundary of Township 2 North, Range 15 East, and the North boundary and Subdivision lines of Township 1 North, Range 15 East, and surveyed all those parts or portions of the West boundary and Subdivision lines of TOWNSHIP 1 NORTH, RANGE 15 EAST, 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 2 hereof as having been executed by me, and under my direction; and that all the corners of said 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 124, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such resurvey and survey.

Place: Continental, Ariz.
Date: March 10, 1926

William B. Kimmel
U. S. Cadastral Engineer.

APPROVAL.

OFFICE OF U.S. SUPERVISOR OF SURVEYS,

Denver, Colorado, March 17, 1926

The foregoing field notes of the resurvey of Part of the South boundary of Township 2 North, Range 15 East, Part of the North boundary, and Part of the Subdivision lines of T.1 N., R.15 E., and of the syrvey of Part (completion) of the West boundary, and part (completion) of Subdivision lines of TOWNSHIP 1 NORTH, RANGE 15 EAST, of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by William B. Kimmel, U. S. Cadastral Engineer, under his special instructions dated October 15, 1923, for Group 124, Arizona, 1923, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the resurveys & surveys they describe, are hereby approved.

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.