

3575

Book "E"

4-679

BOOK 3575

FIELD NOTES

OF THE RETRACEMENT OF

Part of the East Bdy. of Township 1 North, Range 3 East,

The Gila and Salt River Base Line, thru. part of Range 3 East, and

Part of the Subdivision lines of

TOWNSHIP 1 SOUTH, RANGE 3 EAST,

of the RESURVEY of the

Gila and Salt River Base Line, thru. part of Range 3 East,

Part of the East Boundary, and

Part of the Subdivision lines of

TOWNSHIP 1 SOUTH, RANGE 3 EAST,

and of the SURVEY of

Part (completion) of the Subdivision lines of

TOWNSHIP 1 SOUTH, RANGE 3 EAST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona,

EXECUTED BY

Sidney S. Blout,

U.S. Cadastral Engineer,

In the capacity of U. S. Surveyor, under Special Instructions dated May 23, 1921,

issued by the United States Surveyor General to govern surveys included in Group

No. 116, Arizona, which were approved by the Commissioner of the General Land

Office, July 6, 1921, and Assignment Instructions dated Nov. 21, 1921.

Retracement,
Resurvey & Survey commenced March 7, 1922.

Retracement,
Resurvey & Survey completed March 28, 1922.

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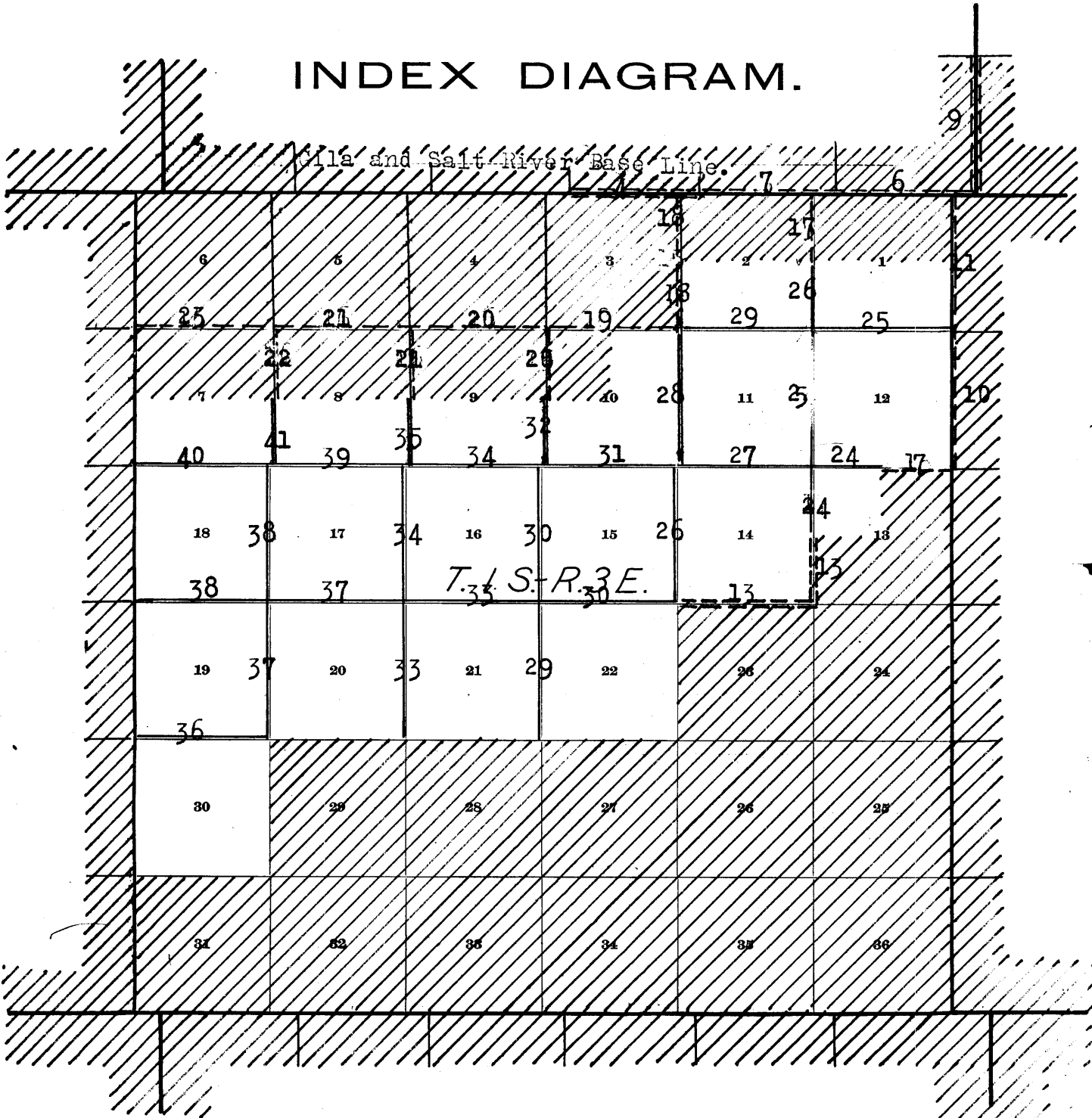
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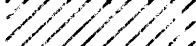
Book "F"

Group 116 - - Arizona.

BOOK 3575

INDEX DIAGRAM.



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

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Book "F"
 Group 116 - - - - Arizona.
 Township 1 South, Range 3 East.

DATE DIAGRAM.

Gila & Salt River Base Line.			Retraced		Resurveyed	
			3-9-22	3-9-22	3-9-22	
6	5	4	3	2	1	
3-28-22	3-28-22	3-18-22	3-18-22	3-27-22	3-27-22	
Resurv.	Resurv.	Resurv.	Resurv.	Resurv.	Resurv.	
7	8	9	10	11	12	
3-14-22	3-14-22	3-15-22	3-15-22	3-15-22	3-13-22	
Resurv.	Resurv.	Resurv.	Resurv.	Resurv.	Resurv.	
18	17	16	15	14	13	
3-23-22	3-23-22	3-20-22	3-20-22	3-20-22	3-13-22	
Resurv.	Resurv.	Resurv.	Resurv.	Resurv.	Resurv.	
19	20	21	22	23	24	
3-23-22	3-21-22	3-20-22				
Resurv.	Resurv.	Resurv.				
30	29	28	27	26	25	
31	32	33	34	35	36	

3-18-22
Retraced.

3-25-22
Retraced.

Lines Retraced, Resurveyed, or Surveyed on dates shown on above diagram, by Sidney E. Blout, U.S. Cadastral Engineer.

Survey of the "Old Lady" Unpatented Mining Claim, executed by Benjamin J. Kinsey, U.S. Cadastral Engineer, May 19, 1923.

The retracements, resurveys, and surveys, hereinafter described, executed on dates shown on diagram on page 1 hereof by Sidney E Blout, U.S. Cadastral Engineer, using a Buff "Rocky Mountain Favorite" solar transit No. 9984 with U-shaped standards, $4\frac{1}{2}$ -inch horizontal circle, 4-inch vertical circle and improved Smith solar attachment and an A Lietz light mountain transit No. 6166 equipped with improved Smith solar attachment. All azimuth determinations are accomplished with the solar attachments, except the special observations on Polaris for meridian, upon which to test the solar attachments, as stated in the field notes.

The instruments were both examined, tested on the meridian at the Federal Building at Phoenix Arizona November 8, 1921, found correct, and were approved by the Assistant Supervisor of Surveys for Arizona and California, conditional upon satisfactory field tests.

FIELD TEST OF BUFF TRANSIT NO. 9984

March 7, 1922, At camp near the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 4 T1S., R3E. of the Gila and Salt River Base and Meridian in latitude $33^{\circ}22'09''$ N., and longitude $112^{\circ}03'W$. I examine the adjustments of the transit and correct all level and collimation 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 observations on Polaris, proceed as follows;

Mar. 7, At $3^h 30^m$ p.m. app. time set off $33^{\circ}22'N$. on the lat. arc $5^{\circ}16'S$. on the decl arc and determine a meridian with the solar and mark a point thereof on peg driven in the ground 5-chains N.

At the same station, at $8^h 29.6^m$ p.m., l.m.t., by my watch which I set by Telegraphic clock to read correct local mean time, observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined on a peg driven firmly in the ground 5 chs. N.

Azimuth of Polaris at western elongation is $1^{\circ}19'42''$

March 8: I lay off the azimuth of Polaris $1^{\circ}19\frac{1}{2}'$ to the east and mark the meridian thus determined by a tack in peg set last evening, on which the meridian falls $01\frac{1}{2}'$ E. of the meridian determined by the solar.

At $7^h 30^m$ a.m., app. time, March 8, I set off $33^{\circ}22'N$. on the decl. arc, $4^{\circ}59\frac{1}{2}'S$. on the decl. arc and determine a meridian with the solar and mark a point thereof on the peg already set 5 chs. N.; This mark falls $01'$ E. of the meridian established by the Polaris observations.

The solar apparatus by a.m., and p.m. observations, defines positions for meridians, which agree within about $01\frac{1}{2}'$ with the meridian established by the Polaris observations, therefore conclude that the adjustments of this instrument are satisfactory.

FIELD TEST OF THE A LIETZ TRANSIT NO. 6166

March 22, 1922. I examine the adjustments of the Lietz transit and correct the level and collimation errors

then to test the solar apparatus by comparing the results of observations on the sun, made during a.m. and p.m. hours with a meridian established by observations on Polaris, I proceed as follows:

Place instrument on the meridian established at camp March 7, 1922 and at 9h.00am, set off $33^{\circ}22'N.$ on the lat. arc; $0^{\circ}31'N.$ on the decl. arc, and determine a meridian with the solar, and mark a point thereof on the stake already set 5 chs. N.; this mark falls $01'W.$ of the meridian established by the Polaris observations.

At apparent noon on this day, set off $0^{\circ}34'N.$ on the decl. arc, and observe the sun on the meridian. The resulting latitude is $33^{\circ}22\frac{1}{2}'N.$

At 3h.00m. p.m., with the lat. arc unchanged, set off $0^{\circ}37\frac{1}{2}'N.$ on the decl. arc, and determine a meridian with the solar, and mark a point thereof on the stake already set 5 chs. N. This mark falls $00\frac{1}{2}'E.$ of the meridian established by the Polaris observations.

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

All measurements are made with a Lufkin 5-chain steel tape compared with a Chesterman 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.

4 Retracement of the G. & S. R. Base Line thru part of Range 3 E.

Chains.

The Gila and Salt River Base Line thru Range 3 East was surveyed by W.H. Pierce, U.S.D.S. in 1867. The west three miles of the Base Line in R. 3 E. were retraced and resurveyed in 1915, 1916 and 1917 by U.S. Reclamation Service Surveyors, but no retracement or resurvey of the east three miles in this range is of record. The following notes describe a retracement of that part of the Base Line forming the south bdy. of sec. 34, T.1 N., R.3 E., and these retracement notes are followed by notes describing the resurvey of the Base Line south of secs. 35 and 36, T.1 N., R.3 E.

The Base Line now falls in center of a well traveled road established subsequent to the original survey of the line, and the original corner monuments were replaced by private surveyors, who set marked stones below the surface of the road so as to preserve them from destruction by travel on the road; therefore, in searching for said corner monuments, dig a series of pits in the road in the vicinity of the corner points.

The standard cor. of secs. 33 and 34 is found in the middle of the road buried 4 ins. below the surface, and is a granite stone 8x6x5 ins., marked with a cross (x) on top. A fence cor. bears N. 50 lks. dist., from which fences extend E., W. and N.

From the standard cor. of secs. 33 and 34, described above, East, on random line, on S. bdy. of sec. 34.

Over level land, along road known as the "Base Line Road" bearing E. and W., with fences on each side.

33.25 Fence cor. brs. S. 50 lks. dist., from which fences extend E. W. and S.

40.00 Diligent search in this vicinity fails to reveal any trace of a monument marking the std. $\frac{1}{4}$ sec. cor. of sec. 34.

Continue line and measurement.

40.12 Fence cor. brs. N. 50 lks. dist., from which fences extend N. and W.

Continue along center of road parallel to fence bearing E. and W., 50 lks. S. of line.

73.02 Fall 10 lks. S. of closing cor. of secs. 2 and 3, T.1 S., R. 3 E., which is a granite stone, 8x6x4 ins., buried 4 ins. below surface of the road, and marked with a cross (x) on top. Fence cor. brs. S. 50 lks. dist., from which fences extend E., W. and S.

True bearing of the Base Line from this closing cor. back to the standard cor. of secs. 33 and 34 is therefore S. 89° 55' W.

Continue line and measurement.

78.67 Center line of road, extending N.

79.92 Fall 12 lks. S. of the std. cor. of secs. 34 and 35, which is a granite stone 6x6x5 ins., buried 5 ins. below surface of the road, and marked with a cross (x) on top.

True course and dist. of the S. bdy. of sec. 34 are therefore S. 89° 55' W., 79.92 chs.

Land, level.

Soil, sandy, 1st rate.

Timber, none.

Undergrowth, none.

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Resurvey of the Gila & Salt River Base Line, thru. part of Range 3 East. 5

Chains.

Retracement for Resurvey.

- From the std. cor. of secs. 34 and 35, T.1 N., R.3 E., hereinbefore described,
East, on a random line, on S. bdy. of sec. 35.
- 40.00 Diligent search in this vicinity fails to reveal any trace of the std. $\frac{1}{4}$ sec. cor. of sec. 34. Set temp. $\frac{1}{4}$ sec. cor. Continue line and measurement.
- 72.92 Diligent search in this vicinity fails to reveal any trace of the closing cor. of secs. 1 and 2, T. 1 S., R. 3 E. Set temp. closing cor. Continue line and measurement.
- 79.87 Fall 144 lks. S. of point of intersection of center line of road extending N., with center line of Base Line road bearing easterly and westerly. Make diligent search at this point, and in close vicinity thereto, but fail to find any trace of a monument marking the standard cor. of secs. 35 and 36, T.1 N., R.3 E. According to testimony of nearby settlers, this road intersection has long been recognized as the point for said standard sec. cor.; however, continue line and measurement, and at
- 80.00 Make diligent search in this vicinity, but fail to find any trace of the std. cor. of secs. 35 and 36. There being no available evidence of a monument marking this cor., accept the road intersection described above as the proper point for reestablishment of the std. cor. of secs. 35 and 36.
The true course and dist. of the S. bdy. of sec. 35 are therefore S. 88° 58' W., 79.88 chs.

-
- From the recognized point for std. cor. of secs. 35 and 36, described above,
East, on random line, on S. bdy. of sec. 36.
- 40.00 Diligent search in this vicinity fails to reveal any trace of the std. $\frac{1}{4}$ sec. cor. of sec. 36. Set temp. $\frac{1}{4}$ sec. cor. Continue line and measurement.
- 73.97 Diligent search in this vicinity fails to reveal any trace of the closing cor. of Ts. 1 S., Rs. 3 and 4 E. Set temp. closing cor. Continue line and measurement.
- 79.74 Fall 42 lks. S. of a granite stone 8x7x6 ins. in center of "Base Line" road; the stone is worn away by the wheels of vehicles, and no marks of an authentic character could be found on stone. This stone was pointed out to me by a Mexican, who gave his name as Jesus Armijo, and according to his testimony, this stone marks the original position of the std. cor. of Ts. 1 N., Rs. 3 and 4 E.
- 80.00 Continue line and measurement, and at
Make diligent search for the std. cor. of Ts. 1 N., Rs. 3 and 4 E., but fail to find any trace of such cor. in this vicinity; therefore accept the stone described above, as marking said std. Tp. cor. pt. Verify its position by retracement of one mile of the East bdy. of T. 1 N., R. 3 E., as hereinafter described, following the notes of resurvey of the Base Line,
Reconstruct the std. Tp. cor., as follows:
Alongside the old stone, Set an iron post 3 ft. long, 3 ins. diam., 38 ins. in the ground with a stone marked with a cross (x) deposited at base of post for standard cor. of Ts. 1 N., Rs. 3 and 4 E., marked on brass cap,

S C
T1N
R3E R4E
S36 S31

6 Resurvey of the Gila and Salt River Base Line, thru. part of R. 3 E.

Chains.

True course and dist. of S. bdy. of sec. 36 are therefore
S. 89° 42' W., 79.74 chs.

RESURVEY.

From the standard cor. of Ts. 1 N., Rs. 3 and 4 E., described above,
S. 89° 42' W., on true line on S. bdy. of sec. 36, over nearly level land, sloping slightly to the N., along center of the Base Line road.

- 6.01 (Proportional dist.) Set an iron post, 3 ft. long, 3 ins. in diam., 38 ins. in the ground with a stone, marked with a cross (x) deposited at base of post, for reestablished closing cor. of Ts. 1 S., Rs. 3 and 4 E., marked on brass cap,

T1N	R3E
S36	
S 1	S 6
R3E	R4E
C C	
1922	

- 25.75 This cor. being in center of Base Line road cor. accessories are omitted, as they would interfere with travel.
Fence cor. brs. S. 50 lks. dist., from which fences extend S. and W. enclosing cultivated land.
- 39.18 Fence cor. brs. N. 50 lks. dist., from which fences extend N. and W., enclosing cultivated land.
- 39.87 (Midpoint of S. bdy. of sec. 36) Set an iron post, 3 ft. long, 1 in. in diam., 38 ins. in the ground, with a stone marked with a cross (x) deposited at base of post, for reestablished std. $\frac{1}{4}$ sec. cor. of sec. 36, marked on brass cap;

S C
<u>$\frac{1}{4}$S 36</u>
1922

- 46.41 This cor. being in center of Base Line road cor. accessories are omitted, as they would interfere with travel.
Continue along center of Base Line road, parallel to fences enclosing cultivated land on both sides.
(Midpoint of N. bdy. of sec. 1), Set an iron post, 3 ft. long, 1 in. in diam., 38 ins. in the ground, with a glass bottle deposited at base of post, for $\frac{1}{4}$ sec. cor. of sec. 1 only, marked on brass cap,

<u>$\frac{1}{4}$S 1</u>
1922

- 79.29 This cor. being in center of Base Line road, cor. accessories are omitted, as they would interfere with travel.
Continue along center of road, parallel to fences enclosing cultivated land on both sides.
Fence cor. brs. N. 50 lks. dist., from which fences extend N. and E.
- 79.74 Center line of road, extending N. Intersect the recognized point for std. cor. of secs. 35 and 36, hereinbefore described.
Set an iron post, 3 ft. long, 2 ins. in diam., 38 ins. in the ground, with a stone marked with a cross (x) deposited at base of post for reestablished std. cor. of secs. 35 and 36, marked on brass cap,

LOOK 5578

Resurvey of Gila and Salt River Base Line thru part of Range 3 East. 7

Chains.

S	C
T1N	R3E
S35	S36

1922

from which,

An ironwood, 16 ins. in diam., brs. N. 62° W., 126 lks. dist., marked SC T1N R3E S35 BT.

This cor. being in center of Base Line road, cor. accessories are omitted, as they would interfere with travel.

Land, nearly level.

Soil, sandy and gravelly, 1st and 2nd rate.

Timber, none.

Undergrowth, none.

S. 88° 58' W., on true line on S. bdy. of sec. 35.

Over level land, along center of the Base Line road, parallel to and 50 lks. N. of fence bearing easterly and westerly, enclosing cultivated land.

7.06 ((Proportional dist.) Set an iron post, 3 ft. long, 2 ins. in diam., 38 ins. in the ground, with a stone marked with a cross (x) deposited at base of post, for reestablished closing cor. of secs. 1 and 2, T. 1 S., R. 3 E., marked on brass cap,

T1N	R3E
S35	

S 2	S 1
T1S	R3E

C C

1922

from which,

A cottonwood, 14 ins. in diam., brs. S. 52° 20' W., 66 lks. dist., marked T1S R3E S2 CC BT.

This cor. being in the Base Line road, cor. accessories are omitted, as they would interfere with travel.

39.68 Center line of road, extending North.

39.94 (Midpoint of S. bdy. of sec. 35) Set an iron post, 3 ft. long, 1 in. in diam., 38 ins. in the ground, with a stone marked with a cross (x) deposited at base of post, for reestablished std. 1/4 sec. cor. of sec. 35, marked on brass cap,

S	C
1/4 S	35

1922

This cor. being in the Base Line road, accessories are omitted, as they would interfere with travel.

41.40 Continue along road parallel to fence 50 lks. S. of line. Fence cor. brs. S. 50 lks. dist., from which fences extend E. and S.

41.90 Center line of road, extending S.

42.40 Fence cor. brs. S. 50 lks. dist., from which fences extend W. and S.

46.92 (Midpoint of N. bdy. of sec. 2), Set an iron post, 3 ft. long, 1 in. in diam., 38 ins. in the ground, with a stone marked with a cross (x) deposited at base of post, for 1/4 sec. cor. of sec. 2 only, marked on brass cap,

1/4 S	2
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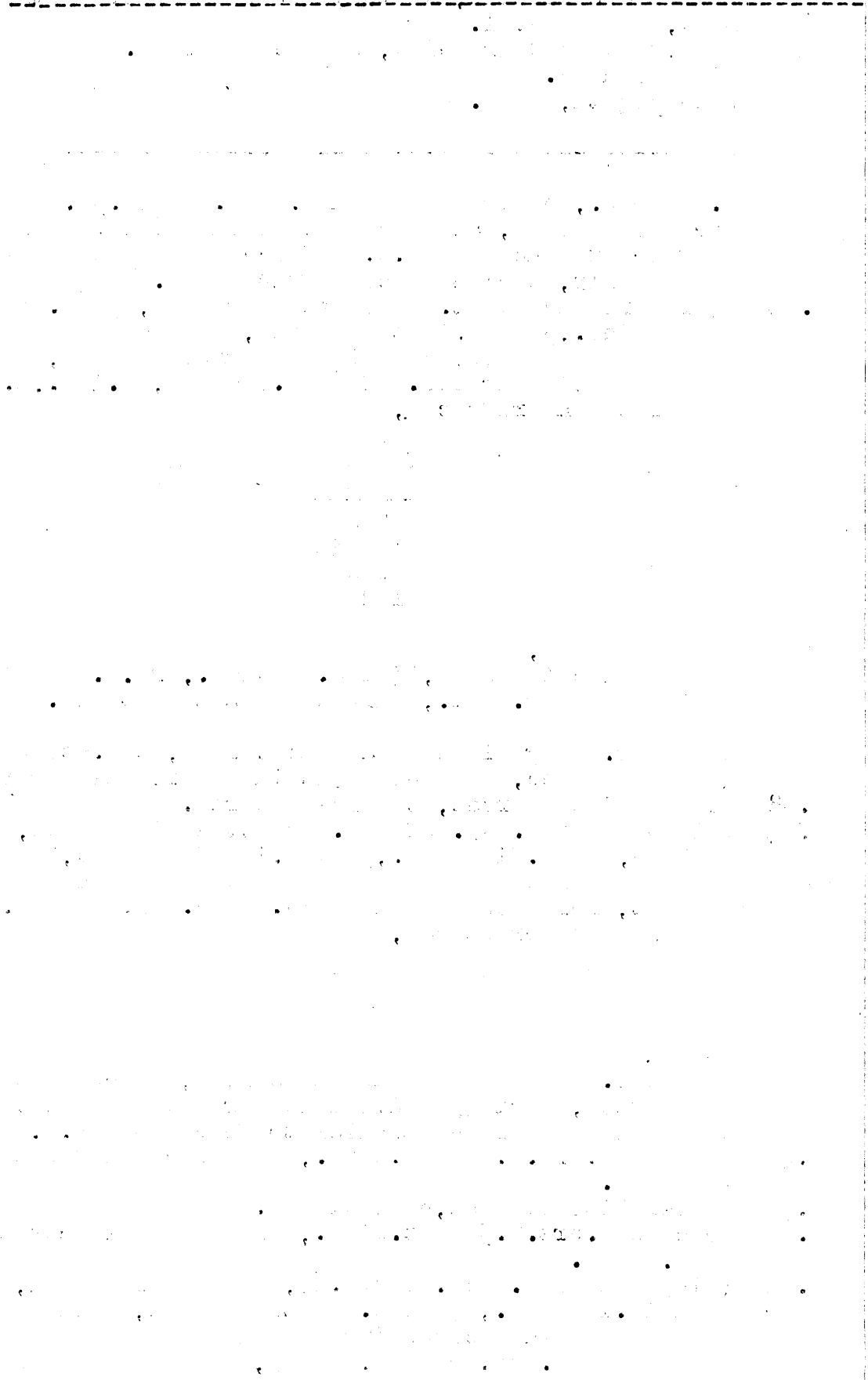
1922

8 Resurvey of Gila and Salt River Base Line, thru part of Range 3 E.

Chains.

79.88

This cor. being in the Base Line road, cor. accessories are omitted as they would interfere with travel.
 Continue along road parallel to fence 50 lks.S.of line.
 Intersect the std.cor. of secs. 34 and 35, hereinbefore described.
 Land, level.
 Soil, sandy, 1st rate.
 Timber, none.
 Undergrowth, none.

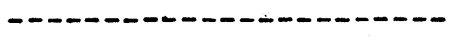


Retracement of part of E. hdy. of Township 1 North Range 3 East. 9

Chains.

The Range line between Ranges 3 and 4 East in Township 1 North was surveyed in 1868 by W.F. Ingalls, U.S.D.S., and no retracement or resurvey of any part of same is of record.

The following notes describe a retracement of said line bet. secs. 31 and 36 for the purpose of verifying the position of the std. cor. of Ts. 1 N., Rs. 3 and 4 E., on the Gila and Salt River Base Line, the monument marking said cor. being found in the Base Line road without marks to identify it.



From the recognized std. cor. of Ts. 1 N., Rs. 3 and 4 E., hereinbefore described, North, on random line, bet. secs. 31 and 36 (S. 1/2). Over nearly level land, sloping slightly to the N., thru scattering undergrowth.

40.00

Fall 3 lks. W. of the 1/4 sec. cor., which is a granite stone 9x6x5 ins. above ground, firmly set, marked with a cross (x) on top, and 1/4 on W. face, and witnessed by two pits, one each N. and S., and a mound of earth W. of cor. No bearing trees.

True course and dist. of the S. 1/2 of line, bet. secs. 31 and 36 are therefore N. 0° 3' E., 40.00 chs.

Thence, North, on random line, bet. secs. 31 and 36 (N. 1/2). Over nearly level land, sloping slightly to the N., thru scattering undergrowth.

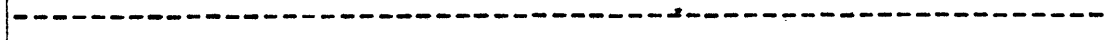
40.12

Intersect the cor. of secs. 25, 30, 31 and 36, which is a granite stone 7x6x5 ins. above ground, firmly set, marked with 1 notch on S. face, and 5 notches on N. face, and witnessed by four pits, one each NE., SE., SW. and NW. of cor., and a mound of earth, W. of cor.

No bearing trees. True course and dist. of the N. 1/2 of line, bet. secs. 31 and 36 are therefore North, 40.12 chs.

The alignment and measurement of this mile being satisfactory, the std. cor. of Ts. 1 N., Rs. 3 and 4 E., is reestablished alongside the unmarked stone found in the Base Line road, as hereinbefore described.

Land, nearly level.
Soil, sandy, 1st rate.
Timber, none.
Undergrowth, scattering greasewood.



10 Resurvey of part of East bdy. of Township 1 South Range 3 East

Chains.

This township boundary was surveyed in 1868, by W.F. Ingalls, U.S.D.S. That portion of the line bet. secs. 13 and 18 was resurveyed in 1910 by William W. Shawk, U.S.D.S. No retracement or resurvey of any other portion of the line is of record. The following notes describe a resurvey of the North two miles of the line.

RETRACEMENT FOR RESURVEY.

From the previously reestablished cor. of secs. 7, 12, 13 and 18, hereinafter described,
North, on a random line.

40.00 Diligent search in this vicinity fails to reveal any trace of the original $\frac{1}{4}$ sec. cor. Set temp. $\frac{1}{4}$ sec. cor.
Continue line and measurement.

80.00 Diligent search in this vicinity fails to reveal any trace of the original cor. of secs. 1, 6, 7 and 12. Set temp. sec. cor.
Continue line and measurement.

120.00 Diligent search in this vicinity fails to reveal any trace of the original $\frac{1}{4}$ sec. cor. Set temp. $\frac{1}{4}$ sec. cor.
Continue line and measurement.

161.78 Fall 169 lks. W. of the reestablished closing cor. of Ts. 1 S., Rs. 3 and 4 E. on the Gila and Salt River Base Line, hereinbefore described.
True course and dist. of the Range line from the cor. of secs. 7, 12, 13 and 18, to this closing cor. are therefore N. $0^{\circ} 36' E.$, 161.79 chs., which to maintain the original proportion between cor. intervals gives 40.53 chs. for the N. $\frac{1}{2}$ of W. bdy. of sec. 6, and three intervals of 40.42 chs. each for the reestablishment of the other missing cors. referring to areas in T. 1 S., R. 4 E.

RESURVEY.

The cor. of secs. 7, 12, 13 and 18, reestablished by W.W. Shawk, U.S.D.S. in 1910, is a granite stone 10x8x8 ins. above ground, firmly set, marked with 2 notches on N. edge, and 4 notches on S. edge, and witnessed by four properly marked bearing trees, one each NE., SE., SW. and NW. of cor.

Thence,
N. $0^{\circ} 36' E.$, on true line, bet. secs. 7 and 12.
Over rolling land, thru. scattering timber and dense undergrowth.
Ascend slightly over SE. slope, to
3.08 Wash, 15 lks. wide, 3 ft. deep, course S. $70^{\circ} E.$
Ascend gradually over SE. slope.

12.78 Old road, brs. E. and W.
Descend 20 ft., over NE. slope.

14.68 Gulch, course E. Leave rolling, and enter mountainous land.
Ascend 160 ft., over S. slope.

22.18 Spur, slopes S. $70^{\circ} E.$
Descend 130 ft., over NE. slope.

32.48 Wash, 8 lks. wide, 3 ft. deep, course S. $70^{\circ} E.$
Ascend slightly over SE. slope, to

39.18 Wash, 6 lks. wide, 4 ft. deep, course S. $70^{\circ} E.$
Ascend 10 ft., over SE. slope, 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. 12 only, marked on brass cap,

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

1922

No trees suitable for bearing trees within limits.

Resurvey of part of East bdy. of Township 1 South Range 3 East. 11

Chains.

40.42 Raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor. Ascend slightly over SE. slope, to (proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for reestablished ¼ sec. cor. of sec. 7 only, marked on brass cap,

S 7
|
1922

54.68 No trees suitable for bearing trees within limits. Raise a mound of stone 2 ft. base, 1½ ft. high, E. of cor. Ascend 187 ft., over SE. slope, to Saddle in ridge, bearing E and W. Descend 66 ft., over N. slope.

58.68 Wash, 8 lks. wide, 4 ft. deep, course N. 70° E. Descend 45 ft., over E. and NE. slopes.

80.00 Road, brs. E. and W.

80.10 Wash, 50 lks. wide, course N. 80° E.

80.84 Ascend 10 ft., over S. slope, to (Proportional dist.) Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for reestablished cor. of secs. 1, 6, 7 and 12, marked on brass cap,

T1S
R3E | R4E
S 1 | S 6

S12 | S 7
|
1922

No trees suitable for bearing trees within limits. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, S. 14½ chs. rolling; remainder mountainous. Soil, gravelly and rocky, 3rd and 4th rate. Timber, scattering palo verde and ironwood. Undergrowth, dense greasewood and cactus.

N. 0° 36' E., on true line, bet. secs. 1 and 6. Over mountainous land, thru. scattering timber and dense undergrowth.

6.30 Ascend 182 ft., over S. slope. Rocky spur, slopes S. 70° E.

24.50 Descend 291 ft., over NE. slope. Bottom of gulch, 10 lks. wide, course NE.

31.50 Ascend 80 ft., over SE. slope. Spur, slopes E.

35.00 Descend 72 ft. over N. slope. Bottom of gulch, 10 lks. wide, course E.

40.42 Ascend 140 ft., over S. slope, to (Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bed rock, deposit a stone, marked with a cross (x) at base of post, and raise a mound of stone 4 ft. base, 2 ft. high around post for reestablished ¼ sec. cor. of secs. 1 and 6, marked on brass cap,

¼
S 1 | S 6
|
1922

40.85 Ascend 10 ft., over S. slope. Spur, slopes N. 60° E.

46.85 Descend 140 ft., over NW. slope. Bottom of gulch, 5 lks. wide, course N. 65° E.

Ascend 25 ft., over SE. slope.

12 Resurvey of part of E. bdy. of Township 1 South, Range 3 East.

Chains.	
50.80	Rocky spur, slopes N. 50° E.
	Descend 159 ft., over NW. slope, to
60.00	Foot of spur, brs. N. 60° E. and S. 60° W.; leave mountainous land, and scattering timber, and enter nearly level land, sloping slightly to the N.
74.85	North branch of Highline Canal, 20 lks. wide, 3 ft. deep, course SW. Leave dense and enter scattering undergrowth.
80.95	Intersect the reestablished closing cor. of Ts. 1 S., Rs. 3 and 4 E., on the Gila and Salt River Base Line, hereinbefore described.
	Land, S. 60 chs. mountainous; remainder, nearly level.
	Soil, rocky, 4th rate in S. 60 chs.; sandy and gravelly, 1st and 2nd rate in remainder.
	Timber, scattering palo verde and ironwood in S. 60 chs.; none elsewhere.
	Undergrowth, dense greasewood and cactus in S. 75 chs.; scattering in N. 6.00 chs.

Retracement of part of Subdivision lines of T.1 S. R.3 E. 13

Chains.

The following notes describe a retracement of the Subdi- vision line between secs.14 and 23, and the South half of line bet. secs.13 and 14. Both of these lines were surveyed in 1910 by William W. Shawk, U.S.D.S., and no retracement of same is of record.

The original cor.of secs.13,14, 23 and 24 is an ironwood tree,10 ins. in diam., properly marked on each of NE., SE., SW. and NW. faces, and witnessed by four properly marked bearing trees, one each NE., SE.,SW. and NW.of cor.

Thence, N.0°1'W., on random line, bet. secs.13 and 14 (S.½). Over rolling land, sloping SE., thru. scattering timber and dense undergrowth.

- 0.75 Wash, 30 lks.wide, course SE.
 - 26.14 Wash, 100 lks.wide, course SE.
 - 35.25 Wash, 75 lks.wide, course SE. Leave rolling, and enter mountainous land.
 - 40.06 Ascend 60 ft., over S. slope, to Fall 26 lks.W. of the original ¼ sec.cor., which is a granite stone, 12x12x8 ins. above ground, firmly set, marked ¼ on W. face, and witnessed by a mound of stone W.of cor. No bearing trees.
- True course and dist. of S. ½ of line bet. secs.13 and 14 are therefore N.0°21'E., 40.06 chs.
Land, S. 35 chs., rolling; N. 5 chs. mountainous.
Soil, rocky 4th rate.
Timber, scattering palo verde and ironwood.
Undergrowth, dense greasewood and cactus.

From the original cor. of secs. 13,14,23 and 24, hereinbe- fore described, S.89°54'W., on a random line, bet. secs.14 and 23 (E.½). Over rolling land, sloping SE., thru. scattering timber and dense undergrowth.

- 39.65 Wash, 25 lks.wide, course SE.
 - 40.13 Ascend slightly over E. slope, to Intersect the original ¼ sec.cor., which is a granite boulder 4x3x2 ft. above ground, marked with a cross (x) on top at exact cor. point, and ¼ W. of cross, and witnessed by a mound of stone N. of cor., and one properly marked palo verde bearing tree N.89°E., 65 lks. dist.
- True course and dist. of E. ½ of line, bet. secs.14 and 23 are therefore S.89°54'W., 40.13 chs.
- Thence, S.89°54'W., on random line, bet. secs.14 and 23 (W.½). Over rolling land, sloping SE., thru. scattering timber and dense undergrowth.
- 20.00 Ascend gradually. Wash, 15 lks.wide, course SE.
 - 25.00 Ascend slightly over NE. slope, to Foot of spur, brs. NW and SE. Leave rolling, and enter mountainous land.
 - 30.90 Ascend 65 ft., over NE. slope. Spur, slopes SE.
 - 34.00 Descend 50 ft., over SW. slope. Wash, 15 lks.wide, course SE.
 - 40.11 Ascend 74 ft., over NE. slope, to Fall 7 lks.N. of the original cor. of secs. 14,15,22 and 23, which is a malpais boulder 4x3x2 ft. above ground, marked with a cross (x) on top at exact cor. point, 2 notches on E. face, and 3 notches on S. face, and

14 Retracement of part of Subdivision lines of T.1 S., R.3 E.

Chains.

witnessed by four properly marked bearing trees, one each NE., SE., SW. and NW. of cor.
 True course and dist. of W. $\frac{1}{2}$ of line, bet. secs. 14 and 23, are therefore S. 89° 48' W., 40.11 chs.
 Land, E. 65 chs. rolling; W. 15 chs., mountainous.
 Soil, gravelly and rocky, 3rd and 4th rate.
 Timber, scattering palo verde and ironwood.
 Undergrowth, dense greasewood and cactus.

Resurvey of part of Subdivision lines of T. 1 S., R. 3 E.

15

Chains.

The following notes describe the resurvey of the E. $\frac{1}{2}$ of N. bdy. of sec. 13, surveyed by William W. Shawk, U.S.D.S. in 1910; and the resurvey of the lines bet. secs. 2 and 3, 3 and 10, 4 and 9, 5 and 8; 6 and 7, and the north halves of lines bet. secs. 1 and 2, 9 and 10, 8 and 9, and 7 and 8, surveyed by W. F. Ingalls, U.S.D.S. in 1868. No previous retracement or resurvey of any of these lines is of record.

Retracement for Resurvey.

39.24 From the cor. of secs. 7, 12, 13 and 18, on E. bdy. of Tp., hereinbefore described,
West, on a random line on E. $\frac{1}{2}$ of N. bdy. of sec. 13.
Fall 8 lks. S. of the $\frac{1}{4}$ sec. cor., hereinafter described.
True course and dist. of E. $\frac{1}{2}$ of N. bdy. of sec. 13 are therefore N. $89^{\circ}53'W.$, 39.24 chs.

40.02 From the reestablished closing cor. of secs. 1 and 2, on the Gila and Salt River Base line, hereinbefore described,
S. $0^{\circ}01'E.$, on a random line, bet. secs. 1 and 2 (N. $\frac{1}{2}$).
Fall 43 lks. E. of recognized $\frac{1}{4}$ sec. cor., hereinafter described.
True course and dist. of N. $\frac{1}{2}$ of line, bet. secs. 1 and 2 are therefore N. $0^{\circ}36'E.$, 40.02 chs.

40.00 From the closing cor. of secs. 2 and 3 on the Gila and Salt River Base Line, hereinbefore described,
S. $0^{\circ}01'E.$, on a random line, bet. secs. 2 and 3 (N. $\frac{1}{2}$).
Fall 43 lks. E. of the $\frac{1}{4}$ sec. cor., hereinafter described.
True course and dist. of N. $\frac{1}{2}$ of line, bet. secs. 2 and 3 are therefore N. $0^{\circ}36'E.$, 40.00 chs.

40.00 Thence,
S. $0^{\circ}01'E.$, on a random line, bet. secs. 2 and 3 (S. $\frac{1}{2}$).
Intersect the recognized cor. of secs. 2, 3, 10 and 11, hereinafter described.
True course and dist. of S. $\frac{1}{2}$ of line bet. secs. 2 and 3 are therefore N. $0^{\circ}01'W.$, 40.00 chs.

40.00 From recognized cor. of secs. 2, 3, 10 and 11,
West, on random line, bet. secs. 3 and 10.
Diligent search in this vicinity fails to reveal any trace of the old $\frac{1}{4}$ sec. cor.
Set temp. $\frac{1}{4}$ sec. cor. Continue line and measurement.
79.50 Fall 14 lks. S. of the cor. of secs. 3, 4, 9 and 10, hereinafter described.
True course and dist. of line bet. secs. 3 and 10 are therefore N. $89^{\circ}54'W.$, 79.50 chs.

40.00 S. $0^{\circ}02'E.$, on a random line, bet. secs. 9 and 10 (N. $\frac{1}{2}$).
Diligent search in this vicinity fails to reveal any trace of the original $\frac{1}{4}$ sec. cor. Set temp. $\frac{1}{4}$ sec. cor.
The S. $\frac{1}{2}$ of line, bet. secs. 9 and 10 being unsurveyed, the random lon N. $\frac{1}{2}$ becomes the true line for resurvey, and the true course and dist. of N. $\frac{1}{2}$ of line, bet. secs. 9 and 10 are therefore N. $0^{\circ}2'W.$, 40.00 chs.

Resurvey of
16 Part of Subdivision lines of Township 1 South, Range 3 East.

Chains.	Retracement for resurvey (continued)
39.80	<p>From the cor. of secs. 3, 4, 9 and 10, West, on a random line, bet. secs. 4 and 9 ($E. \frac{1}{2}$). Fall 30 lks. S. of the recognized $\frac{1}{4}$ sec. cor., hereinafter described. True course and dist. of $E. \frac{1}{2}$ of line bet. secs. 4 and 9 are therefore $N. 89^{\circ}34'W.$, 39.80 chs. Thence, West, on a random line, bet. secs. 4 and 9 ($W. \frac{1}{2}$). Fall 30 lks. S. of the cor. of secs. 4, 5, 8 and 9, hereinafter described. True course and dist. of $W. \frac{1}{2}$ of line, bet. secs. 4 and 9, are therefore $N. 89^{\circ}34'W.$, 39.80 chs.</p>
40.00	<p>From cor. of secs. 4, 5, 8 and 9, $S. 0^{\circ}02'E.$, on a random line, bet. secs. 8 and 9, ($N. \frac{1}{2}$). Diligent search in this vicinity fails to reveal any trace of the original $\frac{1}{4}$ sec. cor. Set temp. $\frac{1}{4}$ sec. cor. The $S. \frac{1}{2}$ of line, bet. secs. 8 and 9 being unsurveyed, the random on $N. \frac{1}{2}$ becomes the true line for resurvey, and the true course and dist. of $N. \frac{1}{2}$ of line bet. secs. 8 and 9 are therefore $N. 0^{\circ}2'W.$, 40.00 chs.</p>
40.00	<p>From cor. of secs. 4, 5, 8 and 9, West, on a random line, bet. secs. 5 and 8 ($E. \frac{1}{2}$). Fall 42 lks. N. of the $\frac{1}{4}$ sec. cor., hereinafter described. True course and dist. of $E. \frac{1}{2}$ of line, bet. secs. 5 and 8 are therefore $S. 89^{\circ}24'W.$, 40.00 chs. Thence, West, on a random line, bet. secs. 5 and 8 ($W. \frac{1}{2}$). Fall 42 lks. N. of the cor. of secs. 5, 6, 7 and 8, hereinafter described. True course and dist. of $W. \frac{1}{2}$ of line, bet. secs. 5 and 8 are therefore $S. 89^{\circ}24'W.$, 40.00 chs.</p>
40.00	<p>From cor. of secs. 5, 6, 7 and 8, $S. 0^{\circ}03'E.$, on a random line, bet. secs. 7 and 8 ($N. \frac{1}{2}$). Fall 25 lks. W. of $\frac{1}{4}$ sec. cor., hereinafter described. True course and dist. of $N. \frac{1}{2}$ of line, bet. secs. 7 and 8 are therefore $N. 0^{\circ}23'W.$, 40.00 chs.</p>
39.94	<p>From the cor. of secs. 5, 6, 7 and 8, $N. 89^{\circ}44'W.$, on a random line on $E. \frac{1}{2}$ mile, bet. secs. 6 and 7. Fall 35 lks. N. of the $\frac{1}{4}$ sec. cor., hereinafter described. True course and dist. of $E. \frac{1}{2}$ of line, bet. secs. 6 and 7 are therefore $N. 89^{\circ}46'E.$, 39.94 chs. Thence, $N. 89^{\circ}44'W.$ on a random line, bet. secs. 6 and 7 ($W. \frac{1}{2}$). Fall 23 lks. N. of the true point for cor. of secs. 1, 6, 7 and 12 on W. bdy. of Tp., witnessed 0.38 chs. N. as hereinafter described. True course and dist. of $W. \frac{1}{2}$ of line, bet. secs. 6 and 7 are therefore $N. 89^{\circ}56'E.$, 39.72 chs.</p>

RESURVEY:

From the cor. of secs. 7, 12, 13 and 18, on E. bdy. of Tp.,

BOOK 17

Resurvey of part of Subdivision lines of T. 1 S. R. 3 E. 17

Chains. hereinbefore described,
 N. $89^{\circ}53'$ W. on true line on N. bdy. of sec. 13 (E. $\frac{1}{2}$).
 Over rolling land, sloping SE., thru. scattering timber
 and dense undergrowth.
 Ascend gradually to
 23.50 Foot of spur, brs. NE. and SW. Leave rolling, and enter
 mountainous land.
 Ascend 94 ft., over SE. slope.
 28.00 Point of rocky spur, slopes S.
 Descend 89 ft., over SW. slope.
 32.00 Bottom of gulch, 10 lks. wide, course SE.
 Ascend 148 ft., over E. slope, to
 39.24 Intersect the original $\frac{1}{4}$ sec. cor., which is a granite
 boulder $9 \times 4 \times 3$ ft. above ground, marked with a cross
 (x) on top at exact cor. point, and $\frac{1}{4}$ N. of cross, and
 witnessed by a mound of stone N. of boulder. No bear-
 ing trees. Alter this cor. to refer to the quarters
 of sec. 13 only by destroying the mound of stone, N.
 of boulder, and raising a new mound of stone 2 ft. base,
 $1\frac{1}{2}$ ft. high, S. of boulder.
 Land, E. $23\frac{1}{2}$ chs., rolling remainder, mountainous.
 Soil, gravelly and rocky, 3rd and 4th rate.
 Timber, scattering palo verde, ironwood and mesquite.
 Undergrowth, dense greasewood and cactus.

 The recognized $\frac{1}{4}$ sec. cor. of secs. 1 and 2 is an unmarked
 mesquite stake $1\frac{1}{2}$ ins. square, projecting 5 ins. above
 ground, firmly set. No accessories. This stake
 agrees with the property line fences in the immediate
 vicinity; therefore, accept same as marking the point
 of original location of the $\frac{1}{4}$ sec. cor.

Reconstruct the $\frac{1}{4}$ sec. cor. as follows:

Alongside the old mesquite stake,

Set an iron post 3 ft. long, 1 in. in diam., 8 ins. in the
 ground to bed rock, and raise a mound of stone, 3 ft.
 base, 26 ins. high around post, for $\frac{1}{4}$ sec. cor. of secs.
 1 and 2, marked on brass cap,

$\frac{1}{4}$
 S 2 | S 1
 |
 1922

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

N. $0^{\circ}36'$ E. on true line, bet. secs. 1 and 2 (N. $\frac{1}{2}$).

Over nearly level land, sloping slightly to the N., thru.
 scattering undergrowth.

8.30 North branch of High Line canal 16 lks. wide, 4 ft. deep,
 course S. 70° W.

8.55 Road, brs. N. 70° E. and S. 70° W.

8.65 Wire fence, brs. E. and W.

18.50 Wire fence, brs. E. and W. Leave undergrowth, brs. E. and
 W.

18.60 Concrete pipe line, brs. E. and W.; enter cotton field.

31.00 Wire fence, brs. E. and W.; leave cotton field.

31.20 Irrigation lateral 4 lks. wide, $1\frac{1}{2}$ ft. deep, course W.; enter
 alfalfa meadow brs. E. and W.

39.50 Wire fence brs. E. and W. Leave meadow.

40.02 Intersect the reestablished closing cor. of secs. 1 and 2
 on the Gila and Salt River Base Line in center of Base
 Line road, hereinbefore described.

Land, nearly level.

Soil, sandy and gravelly, 1st and 2nd rate.

Timber, none.

Undergrowth, scattering greasewood and cactus in S. $18\frac{1}{2}$
 chs. None elsewhere.

18 Resurvey of part of Subdivision Lines of T. 1 S., R. 3 E.

Chains.

The recognized cor. of secs. 2, 3, 10 and 11 is a decayed mesquite stake, firmly set in a mound of stone. There are no marks on the stake, but this monument being at a point, which by retracement is found to be in substantial agreement with the record of the cor. establishment, accept it as the point of original location of the sec. cor. Reconstruct the cor. as follows:
 Alongside the old stake, set an iron post, 3 ft. long, 2 ins. in diam., 15 ins. in the ground to bed rock, deposit a stone, marked with a cross (x), at base of post, and raise a mound of stone 3 ft. base, 1½ ft. high around post for cor. of secs. 2, 3, 10 and 11, marked on brass cap,

T1S	R3E
S 3	S 2
S10	S11
1922	

No trees suitable for bearing trees within limits.

Thence, N. 0° 01' W., on true line, bet. secs. 2 and 3 (S. ½).
 Over mountainous land, thru. scattering timber and dense undergrowth.

- .25 Descend slightly over N. slope.
 - .25 Wash, 20 lks. wide, course NE.
 - 1.25 Ascend 15 ft., over SE. slope.
 - 1.25 Point of spur, slopes N. 80° E.
 - 3.10 Descend 29 ft., over NW. slope, to foot of spur, brs. NW. and SE. Thence across nearly level bottom of ravine, brs. NW. and SE.
 - 5.25 Wash, 10 lks. wide, course NW. Continue across bottom of ravine.
 - 5.30 Old road, brs. N. 70° E. and S. 70° W.
 - 5.40 Leave bottom of ravine.
 - 12.15 Ascend 54 ft., over broken SW. slope.
 - 12.15 Spur, slopes NW.
 - 18.10 Descend 71 ft. over NE. slope, covered with granite boulders.
 - 18.10 Foot of spur, brs. E. and W. Leave mountainous, and enter gently rolling land.
 - 19.17 Descend gradually over N. slope to ¼ sec. cor.
 - 40.00 Old road, brs. E. and W.
 - 40.00 Intersect the ¼ sec. cor., which is an iron pipe 2 ins. in diam., projecting 8 ins. above ground, firmly set in a mound of stone. This cor. was set by local surveyors, and since property line fences have been constructed in conformity with its location, accept this pipe as marking the point of original location of the ¼ sec. cor.
- Reconstruct the cor. as follows:
 Alongside the iron pipe, set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground for ¼ sec. cor. of secs. 2 and 3, marked on brass cap,

S 3	S 2
1922	

No trees suitable for bearing trees within limits.
 Raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor. Thence, N. 0° 36' E., on true line, bet. secs. 2 and 3 (N. ½).
 Over gently rolling land, thru. scattering timber and dense undergrowth.

- 18.73 Descend gradually over N. slope.
- 18.73 North branch of High Line canal, 20 lks. wide, 4 ft. deep, course W. Leave gently rolling, and enter level land, sloping slightly to the N.

5075

Resurvey of part of Subdivision lines of T.1 S., R. 3 E.

Chains.

19.25 Intersect fence cor. from which wire fences extend N. and E.
 Leave timber and undergrowth; thence along wire fence; cultivated land to the E.
 39.50 Intersect fence cor. from which wire fences extend E., W. & S.
 40.00 Intersect the closing cor. of secs. 2 and 3 on the Gila and Salt River Base Line in center of the Base Line road, hereinbefore described.
 Land, S. 18 chs., mountainous; N. 21 chs. level, remainder, gently rolling.
 Soil in S. 18 chs. rocky, 4th rate; in N. 21 chs., sandy, 1st rate; remainder, gravelly, 2nd rate.
 Timber, scattering palo verde in S. 59 chs. None elsewhere.
 Undergrowth, dense greasewood, scrub palo verde and cactus in S. 59 chs. None elsewhere.

N. 89° 54' W., on true line, bet. secs. 3 and 10.
 Over mountainous land, thru. scattering timber and dense undergrowth.

Ascend 70 ft., over SE. slope.
 9.50 Spur, slopes NE.
 Descend 25 ft., over NW. slope.
 14.00 Swale drains NE.
 Ascend 130 ft., over NE. slope.
 23.50 Point of spur, slopes N.
 Descend 180 ft., over NW. slope, to
 30.80 Foot of spur, brs. NE and SW. Leave mountainous, and enter gently rolling land.
 Descend gradually over NW. slope, to
 39.75 (Midpoint) Set an iron post 3 ft. long; 1 in. in diam., 27 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of secs. 3 and 10, marked on brass cap,

$\frac{1}{4}$ S 3
 S 10
 1922

No trees suitable for bearing trees within limits.
 Raise a mound of stone 2 ft. base, 1½ ft. high, N. of cor.
 Continue over gently rolling land, thru. scattering timber and dense undergrowth.

Descend gradually over NW. slope to sec. cor.
 53.00 Old road, brs. N. and S.
 69.00 Wash, 5 lks. wide, 4 ft. deep, course N. 20° W.
 79.20 Wash, 10 lks. wide, 3 ft. deep, course N. 30° W.
 79.50 Intersect the cor. of secs. 3, 4, 9 and 10, which is a granite stone 18x12x10 ins. above ground, firmly set, marked with a cross (x) on top. No accessories. Reconstruct this cor. as follows:
 Alongside the stone, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, marked on brass cap,

T1S | R3E
 S 4 | S 3
 S 9 | S 10
 1922

No tree suitable for bearing trees within limits. Raise a mound of stone 2½ ft. base, 1½ ft. high, W. of cor.
 Land, E. 31 chs., mountainous; remainder, gently rolling.
 Soil, in E. 31 chs. rocky, 4th rate; in remainder, gravelly, 3rd rate.
 Timber, scattering palo verde, and ironwood.
 Undergrowth, greasewood.

Chains.

At a point 40.00 chs. S. $0^{\circ}2' E.$ from the cor. of secs. 3, 4, 9 and 10, reestablish the $\frac{1}{4}$ sec. cor. of secs. 9 and 10, as follows:
Set an iron post, 3 ft. long, 1 in. in diam., over cross (x) marked on surface rock, and raise a mound of stone, 4 ft. base, 34 ins. high, around post, for reestablished $\frac{1}{4}$ sec. cor. of secs. 9 and 10, marked on brass cap,

$\frac{1}{4}$
 S 9 | S 10
 |
 1922

No trees suitable for bearing trees within limits.
Thence,
N. $0^{\circ}02' W.$, on true line bet. secs. 9 and 10 (N. $\frac{1}{2}$).
Over mountainous land, thru. scattering timber and dense undergrowth.
Descend 180 ft., over NW. slope.
10.00 Bottom of gulch, 16 lks. wide, course NE.
Ascend 131 ft., over SE. slope.
16.50 Point of spur, sloping N. from SW. Thence over NE. slope, covered with loose boulders.
Descend 204 ft. to
30.00 Foot of spur, brs. N. $80^{\circ} E.$ and W. Leave mountainous, and enter gently rolling land.
Descend gradually over N. slope, to
40.00 Intersect the cor. of secs. 3, 4, 9 and 10, hereinbefore described.
Land, S. 30 chs., mountainous; N. 10 chs. gently rolling.
Soil, in S. 30 chs., rocky, 4th rate; in N. 10 chs., gravelly, 3rd rate.
Timber, scattering palo verde and ironwood.
Undergrowth, dense greasewood and cactus.

N. $89^{\circ}34' W.$, on true line, bet. secs. 4 and 9.
Over gently rolling land, sloping N., thru. scattering timber and dense undergrowth.
32.60 Wash, 20 lks. wide, 2 ft. deep, course N.
33.60 Old road, brs. N. $10^{\circ} E.$ and S. $10^{\circ} W.$
39.00 Old road, brs. N. $20^{\circ} E.$ and S. $20^{\circ} W.$
39.80 Intersect the $\frac{1}{4}$ sec. cor., which is an unmarked granite stone 10x5x5 ins. above ground firmly set alongside a redwood post 5 ins. square also unmarked. No accessories. No trace of original cor. or any other monument can be found in this vicinity, and as this stone is in a position which agrees substantially with the record, accept it as marking the original $\frac{1}{4}$ sec. cor. point.
Reconstruct the cor. as follows: Alongside the 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. 4 and 9, marked on brass cap;

$\frac{1}{4}$ S 4
 S 9
 1922

No trees suitable for bearing trees within limits.
Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
Continue line and measurement.
Over gently rolling land, sloping N., thru. scattering timber and undergrowth.
79.60 Intersect the cor. of secs. 4, 5, 8 and 9, reestablished by U.S. Reclamation Service surveyors, which is a concrete post, 6 ins. in diam., with top flush with surface of ground. An iron bolt is set in the top of this post.
No accessories. Reconstruct this cor. as follows:
Alongside the concrete post, set an iron post, 3 ft. long,

Chains.

2 ins. in diam., 36 ins. in the ground for cor. of secs. 4, 5, 8 and 9, marked on brass cap,

T1S	R3E
S 5	S 4
S 8	S 9

1922

No trees suitable for bearing trees within limits. This cor. falls in road N. and S. at point from which another road extends W.; therefore, omit cor. accessories as they would interfere with travel.

Ranch house brs. S. 46° 10' W., about 5 chs. dist.
 Steel water tank brs. S. 57° 10' E., 7 chs. dist.
 NW. cor. of house on summit of round hill, brs. S. 22° 20' E. about 30 chs. dist.

Land, gently rolling.
 Soil, sandy and gravelly, 2nd and 3rd rate.
 Timber, scattering palo verde and ironwood.
 Undergrowth, greasewood and cactus; dense in E. half; scattering in W. half.

40.00 At a point 40.00 chs. S. 0° 2' E. from cor. of secs. 4, 5, 8 and 9, reestablish the 1/4 sec. cor. of secs. 8 and 9, as follows:

Set an iron post 3 ft. long, 1 in. in diam., 27 ins. in the ground for reestablished 1/4 sec. cor. of secs. 8 and 9, marked on brass cap,

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

1/4
 1922

No trees suitable for bearing trees within limits.
 Raise a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor. Thence,
 N. 0° 02' W., on true line, bet. secs. 8 and 9 (N. 1/2).
 Over gently rolling land, sloping NW., thru. scattering undergrowth.

9.50 Wash, 25 lks. wide, 2 ft. deep, course NW.
 20.00 Enter road, brs. N. and SE.
 40.00 Intersect the cor. of secs. 4, 5, 8 and 9, hereinbefore described.

Land, gently rolling.
 Soil, gravelly, 2nd and 3rd rate.
 Timber, none.
 Undergrowth, scattering greasewood and cactus.

20.70 S. 89° 24' W., on true line, bet., secs. 5 and 8. Over nearly level land, sloping slightly to the NW., thru. scattering undergrowth, along road bearing E. and W. Road, brs. NW. and SE.

25.30 Continue along road, bearing E. and W. Road, brs. N. and S. Continue along road, bearing E. and W.

40.00 Intersect the 1/4 sec. cor., reestablished by U.S. Reclamation Service Surveyors, which is a reinforced concrete post, 8 ins. in diam., firmly set, top flush with the surface of the ground, marked 5/8. No accessories.

Reconstruct this cor. as follows:
 Alongside of concrete post, set an iron post 3 ft. long, 1 in. in diam., 36 ins. in the ground, for reestablished 1/4 sec. cor. of secs. 5 and 8, marked on brass cap,

1/4	S 5
-----	-----

S 8
 1922

Resurvey of part of Subdivision lines of T.1 South, Range 3 East.

Chains.

Raise a mound of stone $2\frac{1}{2}$ ft. base, 2 ft. high, N. of cor. on the N. side of the road.

From this cor., the NE cor. of a vacant house brs. S. $16^{\circ}10'$ W. about 6.00 chs. dist.

The NW cor. of a vacant house brs. S. $39^{\circ}05'$ E. about 5.00 chs. dist.

Continue line and measurement. Over nearly level land, sloping slightly to the NW., thru. scattering undergrowth, along road bearing E. and W.

80.00 Intersect the cor. of secs. 5, 6, 7 and 8, reestablished by U.S. Reclamation Service surveyors, which is a reinforced concrete post, 6 ins. in diam., firmly set, top flush with surface of ground, marked with a cross (x) on top. No accessories. Reconstruct this cor. as follows:

Alongside the concrete post, set an iron post 3 ft. long, 2 ins. in diam., 36 ins. in the ground for cor. of secs. 5, 6, 7 and 8, marked on brass cap,

T1S	R3E
S 6	S 5
S 7	S 8
1922	

This cor. being in a road bearing E. and W., omit the cor. accessories, as they would interfere with travel.

Fence cor. bears S. 50 lks. dist. from which wire fences extend W. and S.

Land, nearly level.

Soil, sandy and gravelly, 2nd rate.

Timber, none.

Undergrowth, scattering scrub palo verde, greasewood and cactus.

The $\frac{1}{4}$ sec. cor. of secs. 7 and 8, reestablished by private surveyors is a cast iron pipe 3 ins. in diam., projecting 10 ins. above ground, firmly set in ground and a mound of stone alongside a fence cor., from which wire fences extend W. and N.

Reconstruct this cor. as follows:

Alongside the pipe, set an iron post 3 ft. long, 1 in. in diam., 15 ins. in the ground to bed rock, deposit a stone, marked with a cross (x) at base of post, and raise a mound of stone around post for $\frac{1}{4}$ sec. cor. of secs. 7 and 8, marked on brass cap,

S 7	S 8
$\frac{1}{4}$	
1922	

No trees suitable for bearing trees within limits.

Thence,

N. $0^{\circ}23'$ W., on true line, bet. secs. 7 and 8 (N. $\frac{1}{2}$).

Over mountainous land, thru. scattering undergrowth, along wire fence enclosing ranch to the W.

Descend 12 ft., over N. slope, to

1.00 Leave mountainous, and enter nearly level land, sloping slightly to the NW.

39.50 Intersect fence cor., from which wire fences bear W. and S.

40.00 Intersect the cor. of secs. 5, 6, 7 and 8, hereinbefore described,

Land, S. 1.00 chain, mountainous; remainder, nearly level.

Soil, gravelly, 2nd rate.

Timber, none. Undergrowth, scattering greasewood, scrub palo verde and cactus.

Resurvey of part of Subdivision lines of T. 1 S., R. 3 E. 23

Chains.	<p>The true point for cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the Tp. falls in Western Canal, and is witnessed at 38 lks. N. by an iron post, 2 ins. in diam., top flush with surface of ground on N. bank of canal, firmly set, properly marked on brass cap, No accessories.</p>
9.66	<p>From true point for sec. cor., N. 89° 56' E. on true line, bet. secs. 6 and 7 (W. ½). Over nearly level land, sloping slightly to the NW. In Western Canal, 20 lks. wide, 4 ft. deep, course W. Scattering undergrowth both sides of canal. Leave Western Canal, course W. from NE. Enter road, bearing E. and W. Cultivated land, N. and S. of road. Leave undergrowth.</p>
39.72	<p>Intersect the ¼ sec. cor. of secs. 6 and 7 reestablished by U.S. Reclamation Service surveyors, which is a concrete post, 7 ins. in diam., top flush with surface of ground, firmly set, marked with a cross (x) on top. No accessories. Reconstruct this cor. as follows: Alongside of concrete monument, set an iron post 3 ft. long, 1 in. in diam., 36 ins. in the ground, for ¼ sec. cor. of secs. 6 and 7, marked on brass cap,</p>
	$\begin{array}{r} \frac{1}{4} \text{ S } 6 \\ \text{S } 7 \\ 1922 \end{array}$
20.94	<p>This cor. being in road, omit the cor. accessories as they would interfere with travel. Fence cor. brs. S. 50 lks. dist., from which wire fences extend E. and S. Thence,</p>
23.44	<p>N. 89° 46' E. on true line, bet. secs. 6 and 7 (E. ½). Over nearly level land, sloping slightly to the NW., along road, bearing E. and W., parallel to fence S. of road. Cultivated land on both sides of road.</p>
39.94	<p>Leave cultivated land N. and S. of road. North branch of High Line Canal, 8 lks. wide, 2½ ft. deep, course S. 20° W. for about 100 lks., thence W. The cor. of secs. 5, 6, 7 and 8. Land, nearly level. Soil, sandy, 1st and 2nd rate. Timber, none. Undergrowth, scattering greasewood and cactus in W. 10 chs. None elsewhere.</p>

24 Survey of part (completion) of Subdivision lines of T.1 S., R.3 E.

Chains.

From the original $\frac{1}{4}$ sec. cor. of secs. 13 and 14, hereinbefore described,

N. $0^{\circ}01'W.$ bet. secs. 13 and 14 (N. $\frac{1}{2}$).

Over mountainous land, thru. scattering timber and dense undergrowth.

29.25 Ascend 540 ft. over SE. slope.

Point of rocky spur, slopes E.

36.25 Descend 178 ft., over NE. slope.

Bottom of canyon, 15 lks. wide, course E.

40.28 Ascend 140 ft., over S. slope, to

Intersect the N. bdy. of sec. 13 surveyed due west from the $\frac{1}{4}$ sec. cor. thereof as hereinafter described.

At point of intersection,

Set an iron post, 3 ft. long, 2 ins. in diam., over cross (x) marked on surface rock, and raise a mound of stone 4 ft. base, 34 ins. high around post, for cor. of secs. 11, 12, 13 and 14, marked on brass cap,

TLS	R3E
S11	S12
S14	S13

1922

No trees suitable for bearing trees within limits.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, scattering palo verde and ironwood.

Undergrowth, dense greasewood and cactus.

From the $\frac{1}{4}$ sec. cor. of sec. 13, hereinbefore described,

West, on true line, on N. bdy. of sec. 13 (W. $\frac{1}{2}$).

Over mountainous land, thru. scattering timber and dense undergrowth.

.76 Ascend 31 ft., over E. slope, to

(40.00 chs. E. from cor. of secs. 11, 12, 13 and 14) Set an

iron post 3 ft. long, 1 in. in diam., over a cross

(x) marked on surface rock, and raise a mound of stone

4 ft. base, 34 ins. high around post, for $\frac{1}{4}$ sec. cor. of sec. 12 only, marked on brass cap.

$\frac{1}{4}$ S 12

1922

No trees suitable for bearing trees within limits.

Ascend 15 ft., over E. slope.

1.26 Spur, slopes S.

Descend 60 ft., over W. slope.

7.56 Bottom of canyon, 10 lks. wide, course SE.

Ascend 260 ft., over E. slope, to

26.76 Spur, slopes SE.

Ascend 23 ft., over S. slope, to

31.75 Ascend 145 ft., over SE. slope, to

40.76 (80.00 chs. westing from cor. of secs. 7, 12, 13 and 18 on

E. bdy. of Tp.) Intersect the Subdivision line bet. secs.

13 and 14 surveyed N. $0^{\circ}1'W.$ from the $\frac{1}{4}$ sec. cor. of said

secs. Cor. of secs. 11, 12, 13 and 14 established at this point as hereinbefore described.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, scattering palo verde and mesquite.

Undergrowth, dense greasewood and cactus.

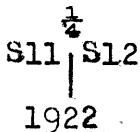
From the temp. cor. of secs. 1, 2, 11 and 12 set at 40.00

chs. S. $0^{\circ}1'E.$ from $\frac{1}{4}$ sec. cor. of secs. 1 and 2,

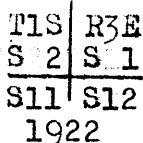
Survey of part (completion) of Subdivision lines of T.1 S. R.3 E. 25

Chains.

S.0°1'E., on random line, bet. secs.11 and 12.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 81.58 Fall 29 lks. E. of the cor. of secs.11,12,13 and 14.
 Thence,
 N.0°11'E. on true line, bet. secs.11 and 12.
 Over mountainous land, thru. scattering timber and dense
 undergrowth.
 Ascend 267 ft. over SE. slope.
 17.50 Main ridge of the Salt River Mountains, brs. N.60°E. and
 S.60°W.
 Descend 145 ft., over NW. slope, to
 25.45 Bottom of canyon, 15 lks. wide, course N.50°E.
 Descend 195 ft., over E. slope.
 38.00 Ascend 25 ft., over SE. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in
 the ground to bed rock, deposit a stone marked with
 a cross (x) at base of post, and raise a mound of stone
 $3\frac{1}{2}$ ft. base, 2 ft. high around post, for $\frac{1}{4}$ sec. cor.,
 marked on brass cap,



No trees suitable for bearing trees within limits.
 Ascend 82 ft., over SE. slope.
 43.50 Spur, slopes NE.
 Descend 120 ft. over N. slope.
 60.50 Bottom of canyon, 25 lks. wide, course N.65°E.
 Ascend 28 ft., over SE. slope, to
 60.95 Descend 44 ft., over E. slope.
 65.70 Ascend 42 ft. over SE. slope.
 70.00 Spur, slopes NE.
 Descend 90 ft., over N. slope, to
 81.58 Intersect the temp. cor. of secs. 1,2,11 and 12 set at
 40.00 chs. S.0°1'E. from $\frac{1}{4}$ sec. cor. of secs.1 and 2. Es-
 tablish the permanent cor. at this point as follows:
 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in
 the ground for cor. of secs.1,2,11 and 12, marked on
 brass cap,



No trees suitable for bearing trees within limits.
 Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering palo verde and ironwood.
 Undergrowth, dense greasewood and cactus.

S. 89°53'E., on a random line, bet. secs.1 and 12.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.40 Fall 18 lks. N. of the reestablished cor. of secs.1,6,7 and
 12, on E. bdy. of the Tp., hereinbefore described.
 Thence,
 N.89°45'W., on true line, bet. secs.1 and 12.
 Over mountainous land, thru. scattering timber and dense
 undergrowth.
 Ascend 250 ft., over SE. slope:
 24.70 Ridge, brs. NE and SW.
 Descend 37 ft.: over NW. slope.
 27.34 Ascend 40 ft., over NE. slope.

26 Survey of part of Subdivision lines of T. 1 S., R. 3 E.

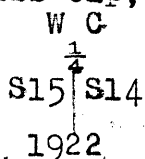
Chains.	
34.20	Same ridge, brs. NW and SE. Descend 85 ft., over SW. slope.
39.75	Bottom of canyon, 25 lks. wide, course SE. from SW. Ascend slightly over SE. slope, to
40.20	Set an iron post 3 ft. long, 1 in. in diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone 4 ft. base, 2 ft. high around post, for $\frac{1}{4}$ sec. cor., marked on brass cap, <div style="text-align: center;"> $\begin{array}{r} S \ 1 \\ \frac{1}{4} S \ 12 \\ 1922 \end{array}$ </div>
	No trees suitable for bearing trees within limits. Ascend 44 ft., over SE. slope.
46.00	Point of spur, slopes SE. Descend 37 ft., over SW. slope.
49.25	Bottom of same canyon, 30 lks. wide, course SE. Ascend 74 ft., over NE. slope, to
57.60	Bottom of same canyon, 20 lks. wide, course NE. Ascend 184 ft. over E. slope.
66.50	Rocky spur, slopes N. 50° E. Descend 144 ft., over NW. and N. slopes to
80.40	The cor. of secs. 1, 2, 11 and 12. Land, mountainous. Soil, rocky, 4th rate. Timber, scattering palo verde and ironwood. Undergrowth, dense greasewood and cactus.

	N. 0° 1' W. on true line, bet. secs. 1 and 2 (S. $\frac{1}{2}$). Over mountainous land, thru. scattering timber and dense undergrowth. Descend 530 ft., over steep N. slope, to
31.00	Foot of steep N. slope, brs. E. and W. Leave mountainous, and enter nearly level land, sloping slightly to the N.
40.00	Intersect the $\frac{1}{4}$ sec. cor. of secs. 1 and 2, hereinbefore described. Land, S. 31 chs., mountainous; N. 9 chs., nearly level. Soil in S. 31 chs. rocky, 4th rate; in N. 9 chs., gravelly, 2nd rate. Timber, scattering palo verde and ironwood. Undergrowth, dense greasewood and cactus.

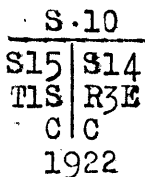
	From the original cor. of secs. 14, 15, 22 and 23, hereinbefore described, N. 0° 01' W. on true line, bet. secs. 14 and 15. Over mountainous land, thru. scattering timber and dense undergrowth. Descend 25 ft., over NE. slope.
2.87	Gulch, course SE. Ascend 190 ft., over SW. slope.
7.35	Rocky spur, slopes SE. Descend 68 ft., over NE. slope.
9.50	Head of gulch, course SE. Ascend 128 ft., over S. slope.
14.37	Spur, slopes S. 80° E. Descend 305 ft., over NE. slope.
22.17	Bottom of canyon, 20 lks. wide, course S. 60° E. Ascend 669 ft., over steep broken S. slope to top of cliff.
40.00	The point for the $\frac{1}{4}$ sec. cor. falls on face of inaccessible cliff, therefore, at.
41.00	Top of cliff, bearing E and W., facing S. Set an iron post 3 ft. long, 1 in. in diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (x)

Chains.

at base of post, and raise a mound of stone 5 ft. base, 2 ft. high, around post, for witness cor. to the 1/4 sec. cor., marked on brass cap,

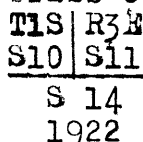


- No trees suitable for bearing trees within limits.
 - Ascend 25 ft., over S. slope.
 - 43.37 Main ridge of the Salt River Mountains, brs. E. and W.
 - Descend 120 ft., over NE. slope.
 - 50.80 Head of gulch, course N. 80° E.
 - Ascend 25 ft., over SE. slope.
 - 57.87 Spur, slopes E.
 - Descend 80 ft. over NE. slope.
 - 67.87 Gulch, 20 lks. wide, course N. 70° E.
 - Ascend 50 ft., over SE. slope.
 - 73.60 Point of spur, slopes E.
 - Descend 62 ft., over NE. slope, to
 - 80.42 Intersect S. bdy. of sec. 10 at a point 108 lks. N. 89° 53' W. from cor. of secs. 10 and 11, hereinafter described.
- At point of intersection, Set an iron post; 3 ft. long, 2 ins. in diam., 4 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 4 ft. base, 2 1/2 ft. high around post for closing cor. of secs. 14 and 15, marked on brass cap,



No trees suitable for bearing trees within limits.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering palo verde.
 Undergrowth, dense greasewood and cacti.

At a point 80.00 chs. S. 0° 01' E., from the cor. of secs. 2, 3, 10 and 11, Set an iron post 3 ft. long, 2 ins. in diam., 16 ins. in the ground to bed rock, deposit stone marked with a cross (x) alongside, and raise a mound of stone, 3 1/2 ft. base, 1 1/2 ft. high around post, for cor. of secs. 10 and 11, marked on brass cap,



- No trees suitable for bearing trees within limits.
- Thence,
- N. 89° 51' E., on a random line, on S. bdy. of sec. 11.
- Set temp. 1/4 sec. cor.
- 40.00
- 79.36 Intersect N. and S. line, 30 lks. N. of the cor. of secs. 11, 12, 13 and 14.
- Thence N. 89° 56' W., on true line on S. bdy. of sec. 11.
- Over mountainous land, thru. scattering timber and undergrowth.
- Ascend 98 ft., over SE. slope; strewn with large granite boulders.
- 8.06 Point of spur, slopes S.
- Descend 25 ft., over SW. slope.
- 9.40 Ascend 69 ft., over S. slope.
- 14.30 Descend 35 ft., over SW. slope.
- 18.05 Head of gulch, course S. 20° E.
- Ascend 63 ft., over SE. slope.

28 Survey of part (completion) of Subdivision lines of T.1 S., R.3 E.

- Chains.
- 22.38 Point of spur, slopes SE.
Descend 30 ft., over SW. slope.
- 27.88 Bottom of gulch, 10 lks. wide, course SE.
Ascend 112 ft., over SE. slope.
- 35.38 Main ridge of the Salt River Mountains, brs. N. 50° E. and S. 40° W.
Descend 70 ft., over NW.
- 39.68 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone 4 ft. base, 2 ft. high around post, for $\frac{1}{4}$ sec. cor. of sec. 11 only, marked on brass cap,
 $\frac{1}{4}$ S 11
1922
- No trees suitable for bearing trees within limits.
Descend 5 ft., over NW. slope, to
40.22 (Midpoint N. bdy. of sec. 14) Set an iron post 3 ft. long, 1 in. in diam., 5 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, 4 ft. base, 2 $\frac{1}{2}$ ft. high around post, for $\frac{1}{4}$ sec. cor. of sec. 14 only, marked on brass cap,
 $\frac{1}{4}$ S 14
1922
- No trees suitable for bearing trees within limits.
Descend 147 ft., over NW. slope.
45.88 Bottom of canyon, 15 lks. wide, course N. 60° E.
Ascend 214 ft., over SE. slope.
- 64.35 Ascend 60 ft., over E. and NE. slopes, to
79.36 Intersect the cor. of secs. 10 and 11.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering palo verde.
Undergrowth, scattering greasewood and cactus.
-
- N. 0° 01' W., on true line, bet. secs. 10 and 11.
Over mountainous land, thru. scattering timber and undergrowth, along NE. slope from spur, the top of which slopes N. at about 2.00 chs. W. of line.
Descend 330 ft. to
33.00 Bottom of canyon, 20 lks. wide, course N. 30° W.
Ascend 63 ft., over W. slope.
- 38.50 Rocky spur, slopes N. 10° W. Desc. 16 ft., over NE. slope, to
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone 4 ft. base, 28 ins. high around post, for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 10 | S 11
1922
- No trees suitable for bearing trees within limits.
Descend 160 ft., over NE. slope, to
53.50 Granite cliff, 60 ft. high, brs. NW. and SE., facing NE.
Descend 571 ft., over broken N. slope, to
80.00 Intersect the cor. of secs. 2, 3, 10 and 11, hereinbefore described.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering palo verde and ironwood.
Undergrowth, scattering greasewood and cactus.
-

Survey of part (completion) of Subdivision lines of T.1 S. R.3 E.29

Chains.

40.00 S.89°56'E., on a random line, bet. secs.2 and 11.
 Set temp. $\frac{1}{4}$ sec.cor.
 79.78 Intersect N. and S. line, 142 lks.S. of the cor. of secs.
 1, 2, 11 and 12.

Thence,
 S.89°03'W., on true line, bet. secs.2 and 11.
 Over mountainous land, thru. scattering timber and dense
 undergrowth.

39.89 Descend 150 ft., over NW.slope, to
 Set an iron post, 3 ft.long, 1 in. in diam., 12 ins. in
 the ground to bed rock, deposit a stone marked with
 a cross (x) at base of post, and raise a mound of stone
 $3\frac{1}{2}$ ft. base, 22 ins.high around post, for $\frac{1}{4}$ sec.cor.,
 marked on brass cap,

$\frac{1}{4}$ S 2
 S 11
 1922

74.08 No trees suitable for bearing trees within limits.
 Descend 300 ft., over NW.slope.
 Bottom of canyon, 10 lks.wide, course NW.
 Ascend 20 ft., over N.slope, to

79.78 Intersect the cor.of secs.2,3,10 and 11.

Land, mountainous:
 Soil, rocky, 4th rate.
 Timber, scattering palo verde, mesquite and ironwood.
 Undergrowth, dense greasewood and cactus.

 The original cor. of secs: 21,22,27 and 28 is a malpais
 stone 7x8x5 ins. above ground, firmly set, marked
 with 3 notches on E. face, and 2 nptches on S.face, and
 witnessed by a mound of stone W.of cor. No bearing
 trees.

Thence,
 N.0°02'W., bet. secs.21 and 22.
 Over mountainous land, thru. scattering timber and dense
 undergrowth.

6.50 Ascend 60 ft., over SW.slope.
 Point of spur, slopes NW.
 20.00 Descend 188 ft., over NW.slope, to
 Change to W.slope.

34.00 Ascend 120 ft. to
 A point 2 chs.W.of pass between ridges.

40.00 Ascend 45 ft., over SE.slope, to
 Set an iron post, 3 ft.long, 1 in. in diam., 15 ins.in
 the ground to bed rock, deposit a stone marked with
 a cross (x) at base of post, and raise a mound of stone
 3 ft. base, $1\frac{1}{2}$ ft. high around post, for $\frac{1}{4}$ sec.cor.,
 marked on brass cap,

$\frac{1}{4}$
 S21 | S22
 1922

65.00 No trees suitable for bearing trees within limits.
 Ascend 420 ft. over SE.slope.

74.60 Point of spur, slopes SE.
 Descend 69 ft., over NE.slope.

80.00 Head of gulch, course SE.
 Ascend 100 ft., over SE.slope, to

Set an iron post, 3 ft.long, 2 ins. in diam., 15 ins.in
 the ground to bed rock, deposit a stone marked with
 a cross (x) at base of post, and raise a mound of stone
 $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high around post, for cor. of secs.15,

Survey of part
30 (completion) of Township 1 South, Range 3 East.

Chains.

16, 21 and 22, marked on brass cap, ...

T1S	R3E
S16	S15
S21	S22
1922	

No trees suitable for bearing trees within limits.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, scattering palo verde and ironwood.

Undergrowth, dense greasewood, scrub palo verde and cactus.

- 40.00 N. 89° 53' E., on a random line, bet. secs. 15 and 22.
Set temp. $\frac{1}{4}$ sec. cor.
- 80.04 Intersect N. and S. line, 16 lks. S. of the cor. of secs. 14, 15, 22 and 23.
Thence,
S. 89° 46' W., on true line, bet. secs. 15 and 22.
Over mountainous land, thru. scattering timber and dense undergrowth.
- 6.00 Ascend 146 ft., over NE. slope, to
Top of cliff bearing NW. and SE. facing NE.
Ascend 52 ft., over E. slope.
- 14.00 Spur, slopes SE.
Descend 91 ft., over SW. slope.
- 18.50 Bottom of canyon, 10 lks. wide, course S. 30° E.
Ascend 238 ft., over E. slope.
- 29.00 Spur, slopes S. 20° E.
Descend 189 ft., over SW. slope.
- 37.50 Bottom of canyon, 12 lks. wide, course S. 20° E.
Ascend 90 ft., over E. slope, to
- 40.02 Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground, deposit a stone, marked with a cross (x) at base of post, and raise a mound of stone, 3½ ft. base, 1½ ft. high around post, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 15
S 22
1922

No trees suitable for bearing trees within limits.

Ascend 202 ft. over E. slope.

52.15 Spur, slopes SE.

Descend 52 ft., over SW. slope.

55.00 Gulch, 6 lks. wide, course S. 20° E.

Ascend 100 ft., over SE. slope.

62.50 Point of spur, slopes S. 20° E.

Descend 80 ft., over SW. slope.

67.00 Bottom of gulch, 10 lks. wide, course SE.

Ascend 80 ft., over NE. slope, to

72.00 Same gulch, 8 lks. wide, course N. 70° E. near head.

Ascend 115 ft., over SE. slope, to

80.04 The cor. of secs. 15, 16, 21 and 22.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, scattering palo verde and ironwood.

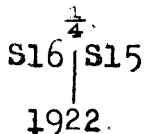
Undergrowth, dense greasewood and cactus.

- 8.50 N. 0° 02' W., bet. secs. 15 and 16.
Over mountainous land, thru. scattering timber and dense undergrowth.
Ascend 210 ft., over S. slope.
- Rocky ridge, brs. N. 60° E. and S. 60° W.
Descend 121 ft., over NW. slope.

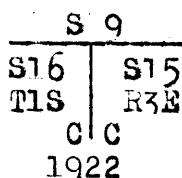
Survey of part(completion)of Subdivision lines of T.1 S.,R.3 E. 31

Chains.

17.80 Bottom of canyon, 25 lks. wide, course N. 60° E.
 Ascend 70 ft., over SW. slope, to
 26.00 Thence over broken W. slope, ascending gradually to
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in
 the ground to bed rock, deposit a stone marked with
 cross (x) at base of post, and raise a mound of stone
 2 1/2 ft. base, 16 ins. high around post for 1/4 sec. cor.,
 marked on brass cap,

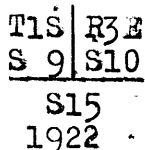


No trees suitable for bearing trees within limits.
 Descend 23 ft., over W. slope.
 45.00 Ascend 40 ft., over SE. slope.
 55.00 Main ridge of the Salt River Mountains, brs. NE. and SW.
 Descend 188 ft. over NW. slope.
 70.70 Bottom of ravine, 10 lks. wide, course NW.
 Ascend 10 ft., over W. slope, to
 71.50 Descend 40 ft., over W. slope, to
 80.76 Intersect S. bdy. of sec. 9 at a point 159 lks. N. 89° 35' W.
 from the cor. of secs. 9 and 10, hereinafter described.
 At point of intersection,
 Set an iron post. 3 ft. long, 2 ins. in diam., over a cross
 (x) marked on surface rock, and raise a mound of stone
 5 ft. base, 34 ins. high around post, for closing cor.
 of secs. 15 and 16, marked on brass cap,



No trees suitable for bearing trees within limits.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering palo verde and ironwood.
 Undergrowth, dense greasewood, and cactus.

 At a point 40.00 chs. S. 0° 2' E. from the reestablished 1/4
 sec. cor. of secs. 9 and 10, Set an iron post 3 ft. long,
 2 ins. in diam., 15 ins. in the ground to bed rock,
 deposit a stone marked with a cross (x) at base of
 post, and raise a mound of stone 4 ft. base, 1 1/2 ft. high,
 around post, for cor. of secs. 9 and 10 only, marked on
 brass cap,



No trees suitable for bearing trees within limits.
 Thence
 N. 89° 46' E., on a random line, on S. bdy. of sec. 10.
 40.00 Set temp. 1/4 sec. cor.
 79.70 Intersect N. and S. line, 49 lks. N. of the cor. of secs. 10
 and 11.
 Thence,
 N. 89° 53' W., on true line on S. bdy. of sec. 10.
 Over mountainous land, thru. scattering timber and dense
 undergrowth.
 Ascend 10 ft. over NE. slope, to
 1.08 (80.44 chs. westing from cor. of secs. 11, 12, 13 and 14) Intersect
 the closing cor. of secs. 14 and 15, hereinbefore
 described.

32. Part (completion) of Subdivision lines of T.1 S., R.3 E.

Chains.

- 3.50 Ascend 20 ft., over NE. slope.
Spur, slopes NE.
Descend 160 ft., over NW. slope.
- 10.00 Head of canyon, course NE.
Ascend 123 ft., over E. slope.
- 19.00 Spur, slopes NE.
Descend 141 ft., over NW. slope.
- 27.44 Bottom of canyon 10 lks. wide, course NE.
Ascend 146 ft., over E. slope, to
- 39.85 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bed rock, deposit a stone, marked with a cross (x) at base of post, and raise a mound of stone 4 ft. base, 28 ins. high around post, for $\frac{1}{4}$ sec. cor. of sec. 10 only, marked on brass cap,

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

1922

No trees suitable for bearing trees within limits.

- 40.20 Ascend slightly over E. slope, to
Spur slopes N. 35° E.
Descend 10 ft. over NW. slope, to
- 41.19 (Midpoint of N. bdy. of sec. 15) Set an iron post 3 ft. long 1 in. in diam., 8 ins. in the ground, deposit a stone, marked with a cross (x) at base of post, and raise a mound of stone 3 $\frac{1}{2}$ ft. base, 26 ins. high around post for $\frac{1}{4}$ sec. cor. of sec. 15 only, marked on brass cap,

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

1922

No trees suitable for bearing trees within limits.

- 55.87 Descend 130 ft., over NW. slope.
Bottom of canyon, 8 lks. wide, course N. 10° W.
Ascend 220 ft., over NE. slope.
- 74.90 Spur, slopes NW.
Descend 52 ft., over W. slope, to
- 79.70 Intersect the cor. of secs. 9 and 10.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering palo verde and ironwood.
Undergrowth, dense greasewood and cactus.

N. 0° 02' W., bet. secs. 9 and 10 (S. $\frac{1}{2}$).

Over mountainous land, thru. scattering timber and dense undergrowth.

- 5.00 Descend 30 ft., over W. slope, to
Point of spur, slopes NW.
Descend 567 ft., over N. slope.
- 23.40 Bottom of canyon, 15 lks. wide, course NE.
Ascend 105 ft., over SE. slope.
- 35.00 Short spur, slopes NE.
Descend 140 ft., over N. slope, to
- 40.00 Intersect the reestablished $\frac{1}{4}$ sec. cor. of secs. 9 and 10, hereinbefore described.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering palo verde and ironwood.
Undergrowth, dense greasewood and cactus.

The original cor. of secs. 20, 21, 28 and 29 is a malpais stone 8x8x5 ins. above ground, firmly set, marked with 2 notches on S. face and 4 notches on E. face, and

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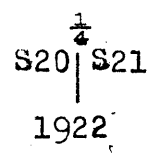
Part (completion) of Subdivision lines of T. 1 S. R. 3 E. 33

Chains.

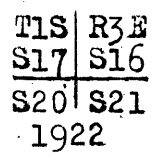
witnessed by four properly marked bearing trees, one each NE., SE., SW. and NW of cor.

Thence
N.0°02'W., bet. secs.20 and 21.
Over mountainous land, thru. scattering timber and dense undergrowth.

- 9.55 Ascend 100 ft. over S. slope. Top of conical hill.
- 19.70 Descend 67 ft., over N. slope. Gulch, 25 lks. wide, course SE.
- 40.00 Ascend 202 ft. over S. slope, to Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bed rock, deposit a stone, marked with a cross (x) at base of post, and raise a mound of stone 4 ft. base, 2 ft. high around post, for 1/4 sec. cor., marked on brass cap,



- 52.00 No trees suitable for bearing trees within limits. Ascend 471 ft., over steep S. slope, to Top of perpendicular cliff 80 ft. high, brs. E. 3 chs. and W. 5 chs. dist. facing S.
- 56.00 Ascend 293 ft., over S. slope. Spur, slopes W.
- 59.20 Descend 15 ft., over N. slope. Gulch, 20 lks. wide, course W.
- 71.00 Ascend 240 ft., over S. slope. Main ridge of the Salt River Mountains, brs. E. and W.
- 80.00 Descend 202 ft., over N. slope, to Set an iron post, 3 ft. long, 2 ins. in diam., 4 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 4 ft. base, 2 1/2 ft. high around post, for cor. of secs. 16, 17, 20 and 21, marked on brass cap,



No trees suitable for bearing trees within limits.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering palo verde and ironwood.
Undergrowth, dense greasewood and cactus.

- 40.00 N.89°54'E., on a random line, bet. secs.16 and 21. Set temp. 1/4 sec. cor.
- 80.00 Intersect N. and S. line, 37 lks. N. of the cor. of secs. 15, 16, 21 and 22.
Thence,
N.89°50'W., on true line, bet. secs.16 and 21.
Over mountainous land, thru. scattering timber and dense undergrowth.
- 9.50 Ascend 230 ft., over SE. slope. Ridge, brs. N.60°E. and S.80°W.
- 27.00 Descend gradually along N. slope, to Descend 94 ft., over NW. slope, to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 15 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone 3 ft. base, 1 1/2 ft. high around post, for 1/4 sec. cor., marked on brass cap,

34 Part (completion) of Subdivision lines of T.1 S., R.3 E.

Chains.

$$\frac{1}{4} \text{ S } 16$$

$$\text{S } 21$$

$$1922$$

- No trees suitable for bearing trees within limits.
Descend slightly over NW. slope, to
40.50 Wash, 20 lks. wide, course N. 60° E.
Ascend 263 ft. over SE. slope.
60.50 Main ridge of the Salt River Mountains, brs. N. 60° E. and
S. 60° W.
Descend 230 ft., over NW. slope, to
80.00 The cor. of secs: 16, 17, 20 and 21.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering palo verde and ironwood.
Undergrowth, dense greasewood and cactus.

- N. 0° 02' W., bet. secs. 16 and 17.
Over mountainous land, thru. scattering timber and dense
undergrowth.
Descend 245 ft., over steep NW. slope, to
15.00 Foot of steep descent, brs. NE and SW.
Descend 100 ft., over broken NW. slope, to
40.00 Set an iron post 3 ft. long, 1 in. in diam., 4 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 $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high around post, for $\frac{1}{4}$ sec.
cor., marked on brass cap,

$$\frac{1}{4}$$

$$\text{S } 17 \text{ | S } 16$$

$$1922$$

- No trees suitable for bearing trees within limits.
Descend 607 ft., over steep NW. slope broken by granite
outcrops and large boulders.
81.02 Intersect S. bdy. of sec. 8 at a point 186 lks. S. 89° 19' W.,
from the cor. of secs. 8 and 9, hereinafter described.
At the point of intersection, Set an iron post 3 ft. long
2 ins. in diam., over a cross (x) marked on surface
rock, and raise a mound of stone 4 ft. base, 34 ins.
high, around post, for closing cor. of secs. 16 and 17,
marked on brass cap,

$$\text{S } 8$$

$$\text{S } 17 \text{ | S } 16$$

$$\text{T } 1 \text{ S } \text{ | R } 3 \text{ E}$$

$$\text{C } \text{ | C}$$

$$1922$$

- No trees suitable for bearing trees within limits.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering palo verde and ironwood.
Undergrowth, dense greasewood and cactus.

- At a point 40.00 chs. S. 0° 02' E. from the reestablished
 $\frac{1}{4}$ sec. cor. of secs. 8 and 9; Set an iron post 3 ft.
long, 2 ins. in diam., 10 ins. in the ground to bed rock,
deposit a stone marked with a cross (x) at base of
post, and raise a mound of stone 4 ft. base, 2 ft. high
around post, for cor. of secs. 8 and 9 only, marked on
brass cap,

$$\text{T } 1 \text{ S } \text{ | R } 3 \text{ E}$$

$$\text{S } 8 \text{ | S } 9$$

$$\text{S } 16$$

$$1922$$

Part (completion) of Subdivision lines of T. 1 S., R. 3 E. 35

Chains.	
	Thence, S. 89° 50' E., on a random line, on S. bdy. of sec. 9.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.64	Intersect N. and S. line, 35 lks. N. of the cor. of secs. 9 and 10.
	Thence, N. 89° 35' W., on true line on S. bdy. of sec. 9. Over mountainous land, thru. scattering timber and dense undergrowth.
1.59	Descend 16 ft., over W. slope, to (80.21 chs. westing from closing cor. of secs. 14 and 15), Intersect the closing cor. of secs. 15 and 16, hereinbefore described.
4.45	Descend 90 ft., over W. slope. Bottom of canyon, 10 lks. wide, course NW. from S.
13.14	Ascend 151 ft., over NE. slope. Rocky spur, slopes NW.
18.34	Descend 175 ft., over SW. slope. Bottom of canyon, 10 lks. wide, course NW.
22.90	Ascend 155 ft. over NE. slope, to Rim of canyon brs. NW. and SE.
31.73	Descend 137 ft., over N. slope, to
36.70	Ascend 29 ft., over N. slope, to
39.24	Descend 40 ft., over N. slope, to Top of cliff, 40 ft. high, brs. N. 80° E. and S. 80° W. facing N.
39.82	Descend 45 ft., to Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone, 4 ft. base, 2 ft. high, around post, for $\frac{1}{4}$ sec. cor. of sec. 9 only, marked on brass cap,
	<u>$\frac{1}{4}$S 9</u> 1922
	No trees suitable for bearing trees within limits.
41.55	Descend 10 ft., over N. slope, to (Midpoint of N. bdy. of sec. 16), Set an iron post 3 ft. long, 1 in. in diam., 4 ins. in ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone 4 ft. base, 2 $\frac{1}{2}$ ft. high, around post, for $\frac{1}{4}$ sec. cor. of sec. 16 only, marked on brass cap,
	<u>$\frac{1}{4}$S 16</u> 1922
	No trees suitable for bearing trees within limits.
49.35	Descend 142 ft. over NW. slope. Gulch, 20 lks. wide, course NW.
58.50	Ascend 70 ft., over NE. slope. Spur, slopes NW.
71.60	Descend 325 ft., over NW. slope. Gulch, course NW.
79.64	Ascend 113 ft., over NE. slope, to Intersect the cor. of secs. 8 and 9. Land, mountainous. Soil, rocky, 4th rate. Timber, scattering palo verde and ironwood. Undergrowth, dense greasewood and cactus,
14.80	N. 0° 02' W., bet. sec's. 8 and 9 (S. $\frac{1}{2}$). Over mountainous land, thru. scattering timber and dense undergrowth. Desc. 40 ft., over steep N. slope. Foot of steep descent, brs. E. and W. Leave mountainous

36 Part (completion, of Subdivision lines of T. 1 S., R. 3 E.

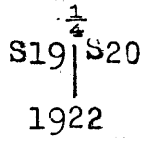
Chains.

- land, scattering timber and dense undergrowth, and enter gently rolling land, sloping NW.
Descend gradually thru. scattering undergrowth.
- 17.40 Old road, brs. E. and W.
38.50 Private telephone line, brs. N.0°5'W. and S.0°5'E.
40.00 Intersect the reestablished $\frac{1}{4}$ sec. cor. of secs. 8 and 9, hereinbefore described.
Land, S. 15 chs., mountainous; N. 25 chs., gently rolling.
Soil in S. 15 chs., rocky, 4th rate; in N. 25 chs., gravelly, 2nd rate.
Timber, scattering palo verde and ironwood in S. 15 chs.; no timber in N. 25 chs.
Undergrowth, greasewood and cactus, dense in S. 15 chs.; scattering in N. 25 chs.
-
- The original cor. of secs. 19, 20, 29 and 30 is a cross (x) marked on ledge of rock 5 ft. above ground, with 5 grooves on E. and 2 grooves S. of cross, and witnessed by a mound of stone, W. of cor. No bearing trees.
Thence,
S. 89°49'W., on a random line, bet. secs. 19 and 30.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
78.00 Fall 5 lks. N. of the original cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp., which is an iron post 2 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by a mound of stone W. of cor. No bearing trees.
Thence,
N. 89°47'E., on true line, bet. secs. 19 and 30.
Over mountainous land, thru. scattering timber and dense undergrowth.
Ascend slightly over SW. slope.
.10 Spur, slopes S. 20°E
Descend 321 ft., over NE. slope, to
8.30 Top of cliff, 30 ft. high, bearing NW. and SE., facing NE.
Descend 238 ft., over NE. slope, to
15.75 Ascend 75 ft., over NW. slope.
22.10 Descend 67 ft., over NE. slope.
24.20 Ascend 40 ft., over NW. slope.
32.50 Descend 148 ft., over E. slope, to
38.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone $3\frac{1}{2}$ ft. base, 16 ins. high around post, for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 19
S 30
1922
- No trees suitable for bearing trees within limits.
41.50 Descend 95 ft., over E. slope.
Bottom of canyon, 20 lks. wide, course S. 30°W.
Ascend 510 ft., over NW. slope, to
60.60 Top of perpendicular cliff, 150 ft. high, facing NW. Extends NE. 4 chs., and SW. 10 chs. dist.
Ascend 119 ft., over NW. slope.
68.30 Rocky ridge, brs. N. 60°E. and S. 60°W.
Descend 206 ft., over SE. slope, to
78.00 The cor. of secs. 19, 20, 29 and 30.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering palo verde, mesquite and ironwood.
Undergrowth, dense greasewood and cactus.
-

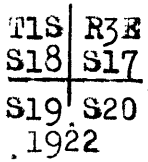
Part (completion) of Subdivision lines of T. 1 S., R. 3 E. 37

Chains.

N. 0° 03' W., bet. secs. 19 and 20.
 Over mountainous land, thru. scattering timber and dense undergrowth.
 Ascend 215 ft., over S. slope.
 6.00 Ridge, brs. NE and SW.
 Descend 244 ft., over NW. slope.
 20.80 Bottom of canyon, 15 lks. wide, course SW.
 Ascend 328 ft., over SE. slope.
 32.70 Spur, slopes SW.
 Descend 162 ft., over NW. slope, to
 40.00 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 raise a mound of stone 3 1/2 ft. base, 1 1/2 ft. high, around post, for 1/4 sec. cor., marked on brass cap,

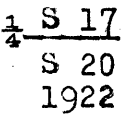


No trees suitable for bearing trees within limits.
 Descend 27 ft., over NW. slope.
 41.40 Bottom of canyon, 8 lks. wide, course SW.
 Ascend 180 ft., over SE. slope.
 54.60 Main ridge of the Salt River Mountains, brs. N. 70° E. and S. 70° W.
 Descend 610 ft., over N. slope, to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground to bed rock, and raise a mound of stone 3 ft. base, 1 1/2 ft. high around post, for cor. of secs. 17, 18, 19 and 20, marked on brass cap,



No trees suitable for bearing trees within limits.
 Raise a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering palo verde and ironwood.
 Undergrowth, dense greasewood and cactus.

N. 89° 56' E., on a random line, bet. secs. 17 and 20.
 40.00 Set temp. 1/4 sec. cor.
 80.10 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 16, 17, 20 and 21.
 Thence,
 N. 89° 58' W.; on true line, bet. secs. 17 and 20.
 Over mountainous land, thru. scattering timber and dense undergrowth.
 Descend 100 ft., over broken surface of bench, sloping NW.
 16.00 Rim of bench, brs. N. and S. Leave bench.
 Descend 396 ft., over NW. slope.
 28.75 Ascend 190 ft., over NE. slope, to
 40.05 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for 1/4 sec. cor., marked on brass cap,



No trees suitable for bearing trees within limits.
 Raise a mound of stone 2 ft. base, 1 1/2 ft. high, N. of cor.

38 Part (completion) of the Subdivision lines of T. 1 S., R. 3 E.

- Chains. Descend 10 ft. over NW. slope;
 40.50 Head of gulch, course N. 30° W..
 Ascend 219 ft. over E. slope.
 49.00 Spur, slopes N. 20° E.
 Descend 243 ft., over W. slope.
 58.40 Bottom of canyon, 10 lks. wide, course N. 10° W.
 Ascend 71 ft., over NE. slope.
 62.00 Spur, slopes NW. from S.
 Descend 125 ft., over W. slope.
 71.20 Bottom of gulch, 8 lks. wide, course N. 30° W.
 Ascend 61 ft., over NE. slope, to
 80.10 The cor. of secs. 17, 18, 19 and 20,
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering palo verde and ironwood.
 Undergrowth, dense greasewood and cactus.
-
- S. 89° 47' W., on a random line, bet. secs. 18 and 19.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 78.12 Fall 9 lks. N. of the original cor. of secs. 13, 18, 19 and 24,
 on W. bdy. of the Tp., which is an iron post, 2 ins. in
 diam., projecting 12 ins. above ground, firmly set,
 properly marked on brass cap, and witnessed by a mound
 of stone, W. of cor.
 No bearing trees.
 Thence,
 N. 89° 43' E., on true line, bet. secs. 18 and 19.
 Over mountainous land, thru. scattering timber and dense
 undergrowth.
 Ascend 25 ft., over SW. slope.
 3.12 Descend 80 ft., over SE. slope.
 15.10 Change to E. slope: Leave mountainous, and enter rolling
 land, brs. NE and SW.
 Descend gradually.
 18.93 Road, brs. NE and SW.
 26.15 Old road, brs. NE. and SW.
 27.00 Wash, 20 lks. wide, course NE.
 Descend gradually over rolling NE. slope, to
 38.12 Set an iron post, 3 ft. long, 1 in. in diam., over a cross
 (x) marked on surface rock, and raise a mound of stone
 $3\frac{1}{2}$ ft. base, 34 ins. high, around post, for $\frac{1}{4}$ sec. cor.,
 marked on brass cap,
- $\frac{1}{4}$ S 18
 S 19
 1922
- No trees suitable for bearing trees, within limits.
 Continue over rolling land, thru. scattering timber and
 dense undergrowth.
 Descend slightly over NE. slope.
 38.25 Wash, 10 lks. wide, 6 ft. deep, course N. 20° E.
 Ascend slightly over W. slope, to
 53.15 Change to NW. slope. Leave rolling, and enter mountainous
 land.
 Ascend 110 ft., over NW. slope, to
 78.12 The cor. of secs. 17, 18, 19 and 20:
 Land, W. 15 chs. and E. 25 chs. mountainous; remainder,
 rolling.
 Soil, rocky, 4th rate.
 Timber, scattering palo verde and ironwood.
 Undergrowth, dense greasewood, and cacti.
-
- N. 0° 03' W., bet. secs. 17 and 18.
 Over mountainous land, thru. scattering timber and dense
 undergrowth.
 Descend 155 ft., over N. slope.

Part (completion) of Subdivision lines of T.1 S..R.3 E. 39

Chains. 14.30 Wash, 20 lks. wide, course NW. Leave mountainous, and enter rolling land. Desc. gradually over NW. 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., marked on brass cap,

$$\begin{array}{c} \frac{1}{4} \\ S18 | S17 \\ 1922 \end{array}$$

 No trees suitable for bearing trees within limits. Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Continue over rolling land, thru. scattering undergrowth. Descend gradually over NW. slope.
 41.50 Wash, 40 lks. wide, 8 ft. deep, course NW.
 50.00 Wash, 90 lks. wide, 6 ft. deep, course NE. Descend slightly over E. slope, to
 55.00 Same wash, 90 lks. wide, course N. 10° W. Descend gradually over NW. slope.
 64.00 Old road, brs. N. 20° W. and S. 20° E.
 72.50 Same wash, 120 lks. wide, 10 ft. deep, course NE. Leave rolling and enter mountainous land. Ascend 55 ft., over SE. slope to closing cor.
 75.10 Road brs. NE. and SW.
 80.02 Intersect S. bdy. of sec. 7 at a point 189 lks. S. $89^{\circ}48'$ W. from the cor. of secs. 7 and 8, hereinafter described. At the point of intersection, Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for closing cor. of secs. 17 and 18, marked on brass cap,

$$\begin{array}{c} S 7 \\ \hline S18 | S17 \\ T1S | R3E \\ C | C \\ 1922 \end{array}$$

No trees suitable for bearing trees within limits. Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor. Land, S. $14\frac{1}{2}$ chs. and N. $7\frac{1}{2}$ chs. mountainous; remainder, rolling. Soil, rocky, 4th rate. Timber, scattering palo verde, mesquite and ironwood. Undergrowth, dense greasewood and cactus.

At a point 40.00 chs. S. $0^{\circ}03'$ E. from the $\frac{1}{4}$ sec. cor. of secs. 7 and 8, Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground; deposit stone marked with a cross (x), at base of post, and raise a mound of stone 4 ft. base, 2 ft. high around the post for cor. of secs. 7 and 8 only, marked on brass cap,

$$\begin{array}{c} T1S | R3E \\ S 7 | S 8 \\ \hline S17 \\ 1922 \end{array}$$

Thence, S. $89^{\circ}58'$ E. on a random line on S. bdy. of sec. 8.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.08 Intersect N. and S. line, 100 lks. S. of the cor. of secs. 8 and 9.
 Thence, S. $89^{\circ}19'$ W. on true line on S. bdy. of sec. 8. Over mountainous land, thru. scattering timber and dense undergrowth. Descend slightly over N. slope, to
 1.86 (79.91 chs. westing from the closing cor. of secs. 15 and 16) Intersect the closing cor. of secs. 16 and 17, hereinbefore described.
 Descend 10 ft., over N. slope, to
 3.34 Descend 335 ft., over NW. slope.
 22.23 Bottom of canyon, 10 lks. wide, course NE. Ascend 142 ft., over E. slope.
 34.28 Rocky spur, slopes NE.

40 Part (completion) of Subdivision lines of T.1 S., R.3 E.

Chains.

- 40.04 Descend 106 ft., over NW. slope, to
Set an iron post 3 ft. long, 1 in. in diam., 5 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 4 ft. base, 2½ ft. high around post for ¼ sec. cor. of sec. 8 only, marked on brass cap,
1/4 S 8
1922
- 41.95 No trees suitable for bearing trees within limits.
Descend 18 ft., over NW. slope, to
(Midpoint N. bdy. of sec. 17) Set an iron post, 3 ft. long, 1 in. in diam., 5 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 4 ft. base, 2½ ft. high around the post for ¼ sec. cor. of sec. 17 only, marked on brass cap,
1/4 S 17.
1922
- 45.15 No trees suitable for bearing trees within limits.
Descend 28 ft., over NW. slope.
Bottom of gulch, 20 lks. wide, course NE., near head.
Ascend 85 ft., over E. slope.
- 50.08 Spur, slopes N. 10° W.
- 52.08 Descend 132 ft., over W. slope.
- 60.00 Old road, brs. NE and SW.
E. edge of bottom of narrow valley, brs. NE and SW.
Leave mountainous, and enter nearly level land.
- 68.58 Wash, 80 lks. wide, course NE. at W. edge of bottom of narrow valley. Leave nearly level, and enter mountainous land.
- 73.04 Ascend 80 ft., over SE. slope to sec. cor.
- 80.08 Road brs. NE and SW.
The cor. of secs. 7 and 8.
Land, mountainous, except in narrow valley, which is nearly level.
Soil, rocky, 4th rate.
Timber, scattering palo verde and ironwood.
Undergrowth, dense greasewood, scrub palo verde and cactus.
-
- 40.00 S. 89° 43' W., on a random line on S. bdy. of sec. 7.
Set temp. ¼ sec. cor.
- 80.03 Fall 12 lks. S. of the original cor. of secs. 7, 12, 13 and 18 on W. bdy. of Tp., which is an iron post, 2 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by a mound of stone, W. of cor.
No bearing trees.
Thence,
N. 89° 48' E., on a true line, on S. bdy. of sec. 7.
Over mountainous land, thru. scattering timber and dense undergrowth.
- 1.03 Descend 12 ft., over SE. slope.
Bottom of gully 8 lks. wide, course N. 20° E.
Thence over rolling NE. slope.
Ascend gradually.

Part (completion) of Subdivision lines of T.1 S., R.3 E. 41

Chains.

- 4.02 Bottom of gully, 10 lks. wide, course N. 20° E.
 12.22 Bottom of gully, 12 lks. wide, course N. 10° E.
 Ascend 125 ft., over W. slope.
 20.05 Spur, slopes N. 10° E.
 Descend 126 ft., over SE. slope, to
 25.40 Bottom of gulch, 20 lks. wide, course N.
 Descend 27 ft., over N. slope.
 28.02 Bottom of gulch, 8 lks. wide, course N.
 Ascend 62 ft. over NW. slope.
 35.00 Point of spur, slopes N.
 Descend 38 ft., over E. slope, to
 38.14 (40.00 chs. Westing from closing cor. of secs. 17 and 18)
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor. of sec. 18 only, marked on
 brass cap,

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

1922

No trees suitable for bearing trees within limits.

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

Descend 14 ft. over E. slope, to

- 39.20 (Proportional dist. based on record N. by of sec. 7) Set an iron
 post 3 ft. long, 1 in. in diam., 26 ins. in the ground,
 for $\frac{1}{4}$ sec. cor., of sec. 7, only, marked on brass cap,

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

1922

No trees suitable for bearing trees within limits.

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

Descend slightly over E. slope.

- 39.40 Bottom of gulch, 10 lks. wide, course N.
 Ascend 80 ft., over W. slope.
 46.50 Spur, slopes N.
 Descend 50 ft., over E. slope.
 51.20 Head of gulch, course N.
 Ascend 80 ft., over W. slope.
 56.20 Spur, slopes N.
 Descend 67 ft. over NE. slope.
 63.00 Ascend 117 ft., over NW. slope.
 73.00 Ridge, brs. NE. and SW.
 Descend 75 ft., over SE. slope, to
 78.14 Intersect the closing cor. of secs. 17 and 18, hereinbefore
 described.
 Descend 34 ft., over SE. slope, to
 80.03 (40.83 chs. N. 89° 48' E. from $\frac{1}{4}$ sec. cor. of sec. 7). Intersect
 the cor. of secs. 7 and 8, hereinbefore described.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering palo verde and ironwood.
 Undergrowth, dense greasewood and cactus.

N. 0° 03' W., bet. secs. 7 and 8 (S. $\frac{1}{2}$).Over mountainous land, thru. scattering timber and dense
 undergrowth.

Ascend 120 ft., over SE. slope.

- 4.40 Ridge, brs. NE. and SW.
 Descend 308 ft. over NW. slope.
 30.00 Bottom of gulch, 10 lks. wide, course W.
 Ascend 68 ft., over S. slope.
 34.50 Spur, slopes W.
 Descend 69 ft., over N. slope, to
 40.00 Intersect the $\frac{1}{4}$ sec. cor. of secs. 7 and 8, hereinbefore
 described.
 Land, mountainous.

42 Part (completion) of Subdivision lines of T. 1 S., R. 3 E.

Chains.

Soil, rocky, 4th rate.
 Timber, scattering palo verde and ironwood.
 Undergrowth, dense greasewood and cactus.

The continued satisfactory adjustment of the solar apparatus during the survey of this township is indicated from field tests described in Book "G," of this group.

Boundaries of part of Township 1 South, Range 3 East.
 Latitudes, departures, and closing errors.

Lines designated.	True course.	Dist.	Latitudes,		Departures.	
			N.	S.	E.	W.
Subdivisional boundary,	N. 89° 53' W.	39.24	.08			39.24
	West,	40.76				40.76
	S. 0° 1' E.	40.28		40.28	.01	
	S. 0° 21' W.	40.06		40.06		.24
	S. 89° 54' W.	40.13		.07		40.13
	S. 89° 48' W.	40.11		.14		40.11
	S. 0° 1' E.	80.00		80.00	.02	
	S. 89° 53' W.	80.04		.16		80.04
	S. 89° 54' W.	79.90		.14		79.90
	S. 89° 56' W.	80.10		.09		80.10
	S. 0° 3' E.	80.00		80.00	.07	
	S. 89° 49' W.	78.07		.25		78.07
West boundary,	N. 0° 3' W.	280.14	280.14			.24
	North,	40.00	40.00			
Subdivisional boundary,	N. 89° 56' E.	39.72	.04		39.72	
	N. 89° 46' E.	39.94	.16		39.94	
	N. 89° 24' E.	80.00	.84		80.00	
	S. 89° 34' E.	79.60		.60	79.60	
	S. 89° 54' E.	79.50		.14	79.50	
	N. 0° 1' W.	40.00	40.00			.01
	N. 0° 36' E.	40.00	40.00		.42	
North boundary, (Gila & Salt River Base Line)	N. 89° 55' E.	6.90	.01		6.90	
	N. 88° 58' E.	79.88	1.44		79.87	
	N. 89° 42' E.	73.73	.39		73.73	
East boundary,	S. 0° 36' W.	161.79		161.78		1.69
Convergency,					.24	
Totals,			403.10	403.71	480.02	480.53
				403.10		480.02
<u>Error in latitude,</u>				0.61		
<u>Error in departure,</u>						0.51

GENERAL DESCRIPTION.

The portion of this Tp. surveyed as described in the foregoing notes completes the Subdivision.

The surface is mountainous, the main ridge of the Salt River mountains extending NE. and SW., thru. the central part of the Tp., and dividing the drainage between the Gila and Salt Rivers.

The soil is mostly rocky, 4th rate.

There is a scattering growth of palo verde, mesquite and ironwood timber, and a dense undergrowth of greasewood and cactus.

There are no springs and no permanent flowing water in any of the water courses.

There are valuable mineral deposits in the Tp. as evidenced by patented mining claims in secs. 8, 18 and 19, and an unpatented claim in sec. 9.

There are no settlers in the portion of the Tp. subdivided under this group.

The western part is traversed by roads, but elsewhere there are none.

BOOK 3875

4-680

FIELD ASSISTANTS. TO

SIDNEY E. BLOUT, U. S. CADASTRAL ENGINEER.

NAMES.	CAPACITY.
Ben Mollette,	1st chainman,
Robert R. Parsons,	2nd chainman,
B. G. Towler,	flagman,
Louis J. Spear,	axman,
Rudolph McCormack,	cornerman,

BOOK 2575
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CERTIFICATE OF UNITED STATES CADASTRAL
ENGINEER.

I, Sidney E. Blout, U.S. Cadastral Engineer, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 116, Arizona, bearing date of the 23rd day of May, 1921, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States retraced all those parts or portions of the East Bdy. of T.1 N., R.3 E., the G. & S.R. Base Line in R.3 E., and Subdivision Lines of T.1 S., R.3 E., resurveyed all of those parts or portions of the Gila and Salt River Base Line in Range 3 East, and the East bdy. and Subdivision lines of T.1 S., R.3 E.; and surveyed all those parts or portions of the Subdivision lines in Township 1 South, Range 3 East, of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in and by diagram on page 1 hereof the foregoing field notes as having been executed by me, and under my direction; and that all the corners of retracement, resurvey and said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 116, 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.

Place: Phoenix, Arizona
Date: October 16, 1923

Sidney E. Blout
U.S. Cadastral Engineer.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, November 2, 1923.

The foregoing field notes of the retracement of part of the East bdy. of T.1 N., R.3 E., the Gila and Salt River Base Line, thru. part of Range 3 East, and part of the Subdivision Lines of T.1 S., R.3 E.; of the resurvey of the Gila and Salt River Base Line, thru. part of Range 3 East, parts of the East bdy. and Subdivision lines of T.1 S., R.3 E., and the survey of part (completion) of the Subdivision lines of TOWNSHIP 1 SOUTH, RANGE 3 EAST.

executed by Sidney E. Blout, U.S. Cadastral Engineer,

under his special instructions dated May 23, 1921, for Group 116, Arizona, having been critically examined, and the necessary corrections and explanations made, the retracements, resurveys & said field notes, and the surveys they describe, are hereby approved.

Frank P. Smith
U. S. Surveyor General.

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