

Resurvey- Extentors
FIELD NOTES

OF THE ~~SURVEY OF THE~~

RETRACEMENT and RESURVEY

West boundary of Tp. 1 S., R. 5 W.

RETRACEMENT

Gila & Salt River Base Line thru Part of Range 5 West

RETRACEMENT and RESURVEY

North boundary of Tp. 5 S., R. 9 W.

RETRACEMENT and RESURVEY

North boundary of Tp. 5 S., R. 10 W.

RETRACEMENT and RESURVEY

North boundary of Tp. 5 S., R. 11 W. and

RETRACEMENT and RESURVEY

North boundary of TP. 5 S., R. 12 W.

Of the Gila and Salt River Base and Meridian,

Arizona.

In the State of

EXECUTED BY

Jesse B. Wright,

In the capacity of U. S. Surveyor, under instructions dated October 21, 1913,
and February 10, 1914

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

Group No. 32, which were approved by the Commissioner of the General Land

Office, { November 21, 1913 and
February 20, 1914, pursuant to authority contained in the Act of

Congress dated June 23, 1913.

Retracements and
Resurveys commenced Feb. 6, 1914. ~~1913~~

Retracements and
Resurveys completed June 9, 1914. ~~1913~~

2794

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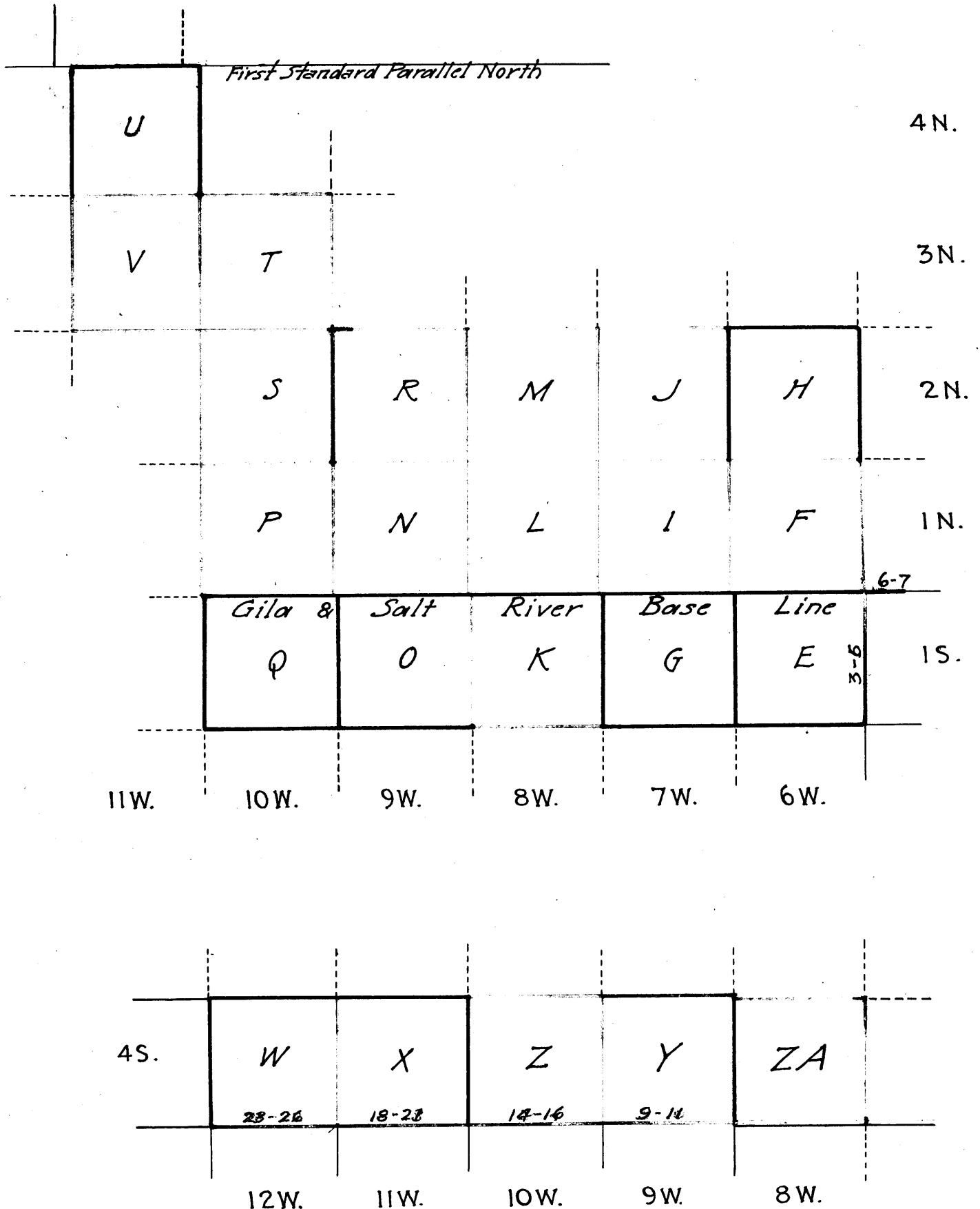
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INDEX DIAGRAM

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Retracement West bdy.of Township 1 South, Range 6 West.

Chains.

Retracement and resurvey of Exterior Tp.bdrs. by Jesse B.Wright, U.S.Surveyor, under instructions for Group 32, Ariz., commenced Feb.7, 1914, and executed with a Young and Sons' light mountain transit No.7084. For description of this instrument, field tests, and establishment of meridian, see Book "A."
From the original cor.of Ts.1 and 2 S., Rs.5 and 6 W., which is a post, marked and witnessed as described by the Surveyor General, I run,
North, on a random line, by back and fore sight, with great care and precision, in order to test the alinement and measurement along the west bdy.of T.1 S., R.5 W., and also to have a true meridional line from which to deflect my east and west lines for survey of Gila and Salt River Base Line, 6 miles to north.

40.08 Original $\frac{1}{4}$ sec.cor., bet. secs.31 and 36, brs.west 24 lks. dist., which is an old post, marked and witnessed as described by the Surveyor General.

80.14 Original cor.of secs. 25,30, 31 and 36, brs.west 4 lks. dist., which is an old decayed post, marked and witnessed as described by the Surveyor General.

I continue my line, but measure from cor., and run, North, bet. secs.25 and 30.

40.00 No trace of original $\frac{1}{4}$ sec.cor. found after diligent search.

80.10 Original cor.of secs.19,24,25 and 30, brs.west, 6 lks. dist., which is an old post, marked and witnessed, as described by the Surveyor General.

I continue my line, but measure from corner, and run, North, bet. secs.19 and 24.

40.00 Original $\frac{1}{4}$ sec.cor. brs.west, 29 lks.dist., which is an old decayed post, marked and witnessed as described by the Surveyor General.

80.10 Original cor.of secs.13,18,19 and 24, brs.west 41 lks. dist., which is an old decayed post, marked and witnessed as described by the Surveyor General.

I continue my line, but measure from cor., and run, North, bet. secs.13 and 18.

40.00 Original $\frac{1}{4}$ sec.cor., brs.west, 42 lks.dist., which is an old post, marked and witnessed, as described by the Surveyor General.

80.00 No trace of original cor.of secs.7,12,13 and 18, found after diligent search. Set temp.cor.and run,

North, bet. secs.7 and 12.

40.02 Original $\frac{1}{4}$ sec.cor. brs.west, 44 lks.dist., which is an old post, marked and witnessed as described by the Surveyor General.

80.22 Original cor.of secs.1,6,7 and 12, brs.west, 52 lks.dist., which is a volcanic stone, 16x10x12 ins. above ground, marked and witnessed as described by the Surveyor General.

2. Retacement of West boundary of Township 1 South Range 5 W.

Chains.

- I continue my line, bet. measure from cor., and run, North, bet. secs.1 and 6.
- 40.11 Original $\frac{1}{4}$ sec.cor., brs.west 53 lks.dist., which is a malpais stone 10x6x6 ins., above ground, marked and witnessed as described by the Surveyor General.
- 80.18 Original closing cor. of Ts.1 S., Rs.5 and 6 W., brs.west 54 lks.dist., which is an old post, as described by the Surveyor General.
(Subsequently proved to be the original standard cor. of Ts.1 N., Rs.5 and 6 W., and replaced with an iron post, marked for corner of four townships.)

From the above data, I deduce the true measurement and alinement bet. cors. along the west bdy.of T.1 S.,R. 5 W., and inasmuch as many of the cors.are badly dilapidated, and several have been destroyed, I deem it necessary to resurvey this boundary, reestablishing the cors. with iron posts.

Feb. 7,1914.

Resurvey of West bdy. of Township 1 South, Range 5 West. 3.

Chains.

February 8, 1914:

The original cor. of Ts. 1 and 2 S., Rs. 5 and 6 W., which is a post marked and witnessed as described by the Surveyor General. I destroy, and at the original cor. point,

Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished corner of Ts. 1 and 2 S., Rs. 5 and 6 W., marked on brass cap,

- 1914 on S. rim,
- T 1 S in N. q
- T 2 S in S.,
- R 5 W in E., and
- R 6 W in W. half;
- S 36 in NW.
- S 31 in NE.;
- S 6 in SE., and
- S 1 in SW. quadrant;

no bearings available. Dig pits 24x24x12 ins., N., E. and W. 4 ft., and S. of cor. 8 ft. dist., and raise a mound of earth 5 ft. base, 2 1/2 ft. high south, of cor.

At 8h. am., l.m.t., at this cor., I set off 15°05' S. on the decl. arc, and 33°17' N. on the lat. arc, and determine a meridian with the solar.

Thence I run, on a true line, N. 0°21' W., bet. secs. 31 and 36.

Over rolling land, through dense greasewood, mesquite brush, few cacti.

40.08

To original 1/2 sec. cor., hereinbefore described, which I destroy, and at original cor. point,

Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished 1/2 sec. cor., marked on brass cap,

- 1/2 S 36 in W., and
- S 31 in E. half;
- 1914 on S. rim;

dig pits 18x18x12 ins., N. and S. of cor. 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

Thence I run,

N. 0°17' E., on a true line, on north half, bet. secs. 31 and 36.

40.06

To original cor. of secs. 25, 30, 31 and 36, hereinbefore described, which I destroy, and at original cor. point,

Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 25, 30, 31 and 36, marked on brass cap,

- T 1 S in N. half;
- 1914 on S. rim,
- R 6 W S. 25 in NW.,
- R 5 W S 30 in NE.,
- S 31 in SE., and
- S 36 in SW. quadrant;

no bearings available. Dig pits 18x18x12 ins., in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, rolling.

Soil, 2nd and 3rd rate, sandy, loose, dry.

Mesquite and sage brush, greasewood, few cacti.

From the cor. above described, I run, on a true line, N. 0°1' W., bet. seds. 25 and 30.

Over gently undulating land, through scattering brush.

40.05

Reestablish 1/2 sec. cor., as follows:

Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/2 sec. cor., marked on brass cap,

- 1/2 S 25 in W., and
- S 30 in E. half;

4. Resurvey of West boundary of Township 1 South, Range 5 West.
Chains.

1914 on S. rim;
dig pits 18x18x12 ins., N. and S. of cor. 3 ft. dist., and
raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of
cor.
40.24 Road, brs. E. and W., Arlington to point to west.
80.10 To original cor. of secs. 19, 24, 25 and 30, hereinbefore
described, which cor. I destroy, and at original cor.
point,
Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in
the ground, for reestablished cor. of secs. 19, 24, 25
and 30, marked on brass cap,
T 1 S in N. half,
1914 on S. rim;
R 6 W S 24 in NW.,
R 5 W S 19 in NE.,
S 30 in SE., and
S 25 in SW. quadrant;
pits impracticable. Raise a mound of stone 2 ft.
base, $1\frac{1}{2}$ ft. high, west of cor.
Land, rolling.
Soil, 2nd rate, sandy, greasewood, cacti.

From the reestablished cor. of secs. 19, 24, 25 and 30, I
run,
N. $0^{\circ}20'$ W., on a true line, bet. secs. 19 and 24.
33.80 Old road, brs. NNW. and SSE.
40.00 To original $\frac{1}{4}$ sec. cor., hereinbefore described, which I
destroy, and at original cor. point,
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for reestablished $\frac{1}{4}$ sec. cor., marked on
brass cap,
 $\frac{1}{4}$ S 24 in W., and
S 19 in E. half;
1914 on S. rim;
dig pits 18x18x12 ins., N. and S. of cor. 3 ft. dist.,
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
west of cor.
Thence I run,
N. $0^{\circ}19'$ W. on N. half, bet. secs. 19 and 24.
40.10 To original cor. of secs. 13, 18, 19 and 24, hereinbefore
described, which cor. I destroy, and at original cor.
point,
Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in
the ground, for reestablished cor. of secs. 13, 18, 19 and
24, marked on brass cap,
1914 on S. rim;
T 1 S in N. half;
R 6 W S 13 in NW.
R 5 W S 18 in NE.;
S 19 in SE., and
S 24 in SW. quadrant;
no bearings available. Dig pits 18x18x12 ins., in
each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft.
base, 2 ft. high, west of cor.
Land, gently rolling.
Soil, 2nd and 3rd rate, sandy, loose, gravelly, dry.
Greasewood, sage brush, few scrub mesquites, cacti.

From the reestablished cor. of secs. 13, 18, 19 and 24, I run,
on a true line,
N. $0^{\circ}1'$ W., bet. secs. 13 and 18.
Over nearly level plain, through dense greasewood.

Resurvey of West boundary of Township 1 South, Range 5 West, 5.

Chains.

- 40.00 To original $\frac{1}{4}$ sec.cor., hereinbefore described, which I destroy, and at original cor.point, Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec.cor., marked on brass cap,
 $\frac{1}{4}$ S 13 in W., and
 S 18 in E.half;
 1914 on S.rim;
 dig pits 18x18x12 ins., N.and S.of cor. 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$ ft.base, 1 $\frac{1}{2}$ ft.high, west of cor.
- 80.01 Reestablish cor.of secs. 7,12,13 and 18, as follows:
 Set an iron post, 3 ft.long, 3 ins. in diam., 24 ins. in the ground, for cor.of secs.7,12,13 and 18, marked on brass cap,
 1914 on S.rim;
 T 1 S in N.half;
 R 6 W S 12 in NW.
 R 5 W S 7 in NE.,
 S 18 in SE., and
 S 13 in SW.quadrant;
 no bearings available. Dig pits 18x18x12 ins., in each sec. 5 $\frac{1}{2}$ ft. dist.,and raise a mound of earth 4 ft.base 2 ft.high,W.of cor.
 Land,level.
 Soil, 2nd rate, sandy, loose, loamy, dry.
 Greasewood, scrub mesquite, sage brush; no grass.
-
- From the reestablished cor.of secs.7,12,13 and 18,I run, on a true line,
 N.0°1'W., bet. secs.7 and 12.
 Over gently undulating plain, through dense brush.
- 22.90 Road brs.E.and W.
- 40.01 To original $\frac{1}{4}$ sec.cor. hereinbefore described, which cor. I destroy, and at original cor. point, Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec.cor., marked on brass cap,
 $\frac{1}{4}$ S 12 in W., and
 S 7 in E.half;
 1914 on S.rim;
 dig pits 18x18x12 ins., N.and S.of cor., 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft.base, 1 $\frac{1}{2}$ ft.high,W. of cor.
- Thence I run,
 N.0°7'W., on N.half, bet. secs.7 and 12.
- 80.21 To original cor.of secs.1,6,7 and 12,hereinbefore described, which I destroy, and at original cor.point, Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in the ground for reestablished cor.of secs.1,6,7 and 12, marked on brass cap,
 1914 on S.rim;
 T 1 S in N.half;
 R 6 W S 1 in NW.
 R 5 W S 6 in NE.,
 S 7 in SE., and
 S 12 in SW.quadrant;
 no bearings available. Dig pits 18x18x12 ins.in each sec.5 $\frac{1}{2}$ ft.dist.,and raise a mound of earth 4 ft. base, 2 ft.high,W.of cor.
 Land,rolling.
 Soil,2nd and 3rd rate,sandy,gravelly,dry.
 Mesquite,brush,greasewood,palo verde,ocotillo,cacti.
-

6. Resurvey of West boundary of Township 1 South, Range 5 W.
Chains.

- From the reestablished cor. of secs. 1, 6, 7 and 12, I run,
on a true line,
N. 0° 1' W., bet. secs. 1 and 6.
Over rolling land, through dense greasewood.
- 40.11 To original $\frac{1}{2}$ sec. cor., hereinbefore described, which cor. I destroy, and at original cor. point,
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{2}$ sec. cor., marked on brass cap,
 $\frac{1}{2}$ S 1 in W., and
S 6 in E. half;
1914 on S. rim;
dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 60.00 Gravelly knoll, brs. E. and W.
80.18 To original closing cor. of Ts. 1 S., Rs. 5 and 6 W. hereinbefore described.
Land, rolling.
Soil, 2nd rate, sandy, gravelly, dry.
Greasewood, mesquite brush, cacti.
Note: At this cor., at noon, I set off 15° 03' S. on the decl. arc. and observe the sun on the meridian; the resulting lat. is 33° 22' N.
Feb. 8, 1914.
-
- Retracement of Gila and Salt River Base line, through part of Range 5 West.
-
- Feb. 8, 1914, continued:
In order to identify the old corners along the Gila and Salt River Base Line, and particularly to verify the location of the standard cor. of Ts. 1 N., Rs. 5 and 6 W.,
From the old closing cor. of Ts. 1 S., Rs. 5 and 6 W., hereinbefore described and verified, I measure 11.75 chains to the west, and make diligent search for some trace of the original standard cor. of Ts. 1 N., Rs. 5 and 6 W., as called for in the field notes furnished by the Surveyor General.
Being unable to find any trace or indications of said standard cor., I return to the original closing cor. of Ts. 1 S., Rs. 5 and 6 W., and run,
East, on a random line, making diligent search for the old standard cors. at proper intervals (complement of 40 chs. less 11.75 chs.) and comparing the topography, as per the original field notes of the Gila and Salt River Base Line.
At 160.18 chs., I find the original standard cor. of secs. 32 and 33 on south bdy. of T. 1 N., R. 5 W., 30 lks. to south of line, which is an old decayed post, marked and witnessed as described by the Surveyor General.
From this old cor., I run, as per the field notes of G. and S. R. Base Line, as furnished by the Surveyor General,
West, along south bdy. of sec. 32, T. 1 N., R. 5 W.
Over rolling land, through scattering brush.
- 29.68 Old road, brs. N. and S.
40.01 Original standard $\frac{1}{2}$ sec. cor. brs. north 6 lks. dist., which is an old decayed post with remains of two palo verde bearing trees as described by the Surveyor General.
- 48.50 Wash, 25 lks. wide., course SSE.
72.04 Old road, brs. N. and S.
79.50 Wash, 70 lks. wide, course S.
80.00 On west edge of wash; make diligent search for old

Retracement of Gila and Salt River Base Line thro. part of R. 5 W. 7

Chains.

standard cor. of secs. 31 and 32, and find no trace of same, it having evidently been destroyed, as position or theoretical point of old cor. has been overflowed during floods.

Set flag on line at this point, and run, West, along south bdy. of sec. 31.

Over gently rolling land, through dense brush.

40.18 Original standard $\frac{1}{4}$ sec. cor. brs. north, 20 lks. dist., which is an old post, marked and witnessed as described by the Surveyor General.

80.18 Old standard cor. of Ts. 1 N., Rs. 5 and 6 W., brs. north, 30 lks. dist., which is an old post, marked for standard cor. of Ts. 1 N., Rs. 5 and 6 W., and is evidently the cor. designated as a closing cor. in the field notes of the survey of W. bdy. of T. 1 S., R. 5 W.

The topography of the old notes of the Base line verifies this old cor. as the standard cor. of Ts. 1 N., Rs. 5 and 6 W., and there being no other evidence of any other closing corners along the Base Line, therefore, I reestablish this corner in original position as corner common to four townships, as follows:

Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for standard cor. of Ts. 1 N., Rs. 5 and 6 W., and also for cor. of Ts. 1 S., Rs. 5 and 6 W., marked on brass cap,

1914 on S. rim;

S C T 1 N in N. half;

R 6 W S 36 in NW., and

R 5 W S 31 in NE. quadrant;

T 1 S in S. half;

R 5 W S 6 in SE., and

R 6 W S 1 in SW. quadrant;

no tree available. Dig pits 24x24x12 ins. E., W. and N. of cor. 4 ft., and S. of cor. 8 ft. dist., and raise a mound of earth 5 ft. base, 2 $\frac{1}{2}$ ft. high, S. of cor., from which,

Windmill of Flower Pot Cattle Co. brs. N. 1°44' W., about 45 chs. dist.

Highest peak, White Tank Mts. brs. N. 45° E.

Highest peak, Maricopa Range brs. S. 77°07' E.

Feb. 8, 1914.

Retracement of North bdy. of Township 5 South, Range 9 W.

June 4, 1914:

At 8h. a.m., l.m.t., at the original cor. of Ts. 4 and 5 S., R. 9 W., which is an iron post 3 ins. in diam., 1 ft.

above ground, with brass cap, properly marked and witnessed as described by the Surveyor General,

I set off 22°24' N. on the decl. arc; and 33°01 $\frac{1}{2}$ ' N. on the lat. arc, and determine a meridian with the solar.

Thence I run, for purpose of retracement and testing the measurement and alinement along the line,

West, on random lines as follows:

West, bet. secs. 1 and 36.

39.92 Original $\frac{1}{4}$ sec. cor. brs. north 62 lks. dist., which is an old post, marked and witnessed as described by the Surveyor General.

Thence I run,

West, on west half, bet. secs. 1 and 36.

39.89 Original cor. of secs. 1, 2, 35 and 36, brs. north 58 lks. dist., which is an old post, marked and witnessed as described by the Surveyor General.

8. Retracement of North bdy. of Township 5 South, Range 9 West.
Chains.

- Thence I run,
West, bet. secs. 2 and 35.
- 40.12 Original $\frac{1}{4}$ sec. cor. brs. north 68 lks. dist., which is an old decayed post, marked and witnessed as described by the Surveyor General.
- Thence I run,
West, on W. half, bet. secs. 2 and 35.
- 39.41 Original cor. of secs. 2, 3, 34 and 35 brs. N. 59 lks. dist., which is an old decayed post, marked and witnessed as described by the Surveyor General.
-
- Thence I run,
West, bet. secs. 3 and 34.
- 40.19 Original $\frac{1}{4}$ sec. cor. brs. north 57 lks. dist., which is an old decayed post, marked and witnessed as described by the Surveyor General.
- Thence I run,
West, on W. half, bet. secs. 3 and 34.
- 40.23 Original cor. of secs. 3, 4, 33 and 34, brs. north, 67 lks. dist., which is an old decayed post, marked and witnessed as described by the Surveyor General.
-
- Thence I run,
West, bet. secs. 4 and 33.
- 40.21 Original $\frac{1}{4}$ sec. cor. brs. north 63 lks. dist., which is an old decayed post, marked and witnessed as described by the Surveyor General.
- Thence I run,
West, on W. half; bet. secs. 4 and 33.
- 40.18 Original cor. of secs. 4, 5, 32 and 33, brs. north, 63 lks. dist., which is an old decayed post, marked and witnessed as described by the Surveyor General.
-
- Thence I run,
West, bet. secs. 5 and 32.
- 40.00 No trace of original $\frac{1}{4}$ sec. cor. found after diligent search.
- 80.49 Original cor. of secs. 5, 6, 31 and 32, brs. north 136 lks. dist., which is an old decayed post, marked and witnessed as described by the Surveyor General.
-
- Thence I run,
West, bet. secs. 6 and 32.
- 40.23 Original $\frac{1}{4}$ sec. cor. brs. north 74 lks. dist., which is an old decayed post, marked and witnessed as described by the Surveyor General.
- Thence I run,
West, on west half, bet. secs. 6 and 31.
- 40.31 Original cor. of Ts. 4 and 5 S., Rs. 9 and 10 W., brs. north 63 lks. dist., which is an old decayed post, marked and witnessed as described by the Surveyor General.
-

Resurvey of North boundary of Township 5 S., R. 9 W.

From Retracement, I determine the true bearings and distances along this line; and since all the corners as found were almost obliterated, I proceed to re-establish this line. From the original cor. of Ts. 4 and 5 S., R. 9 W., hereinbefore described, I run

Resurvey of North boundary of Township 5 South, Range 9 West. 9

Chains

on true lines, as follows:
 N.89°07'W., bet. secs.1 and 36.
 Over level river bottom, fine silt soil, through scattering mesquite brush.

35.12 Main road, Yuma to Phoenix, brs.ENE. and WSW.
 39.93 Original $\frac{1}{4}$ sec.cor., on line, which I destroy, and at original cor.point,
 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec.cor., marked on brass cap,
 $\frac{1}{4}$ S 36 in N., and
 S 1 in S.half;
 1914 on S.rim;
 dig pits 18x18x12 ins., E and W.of cor., 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high, N. of cor.

Thence I run,
 N.89°10'W., on west half mile, bet 1 secs.1 and 36.
 34.00 Road, Yuma to Phoenix, brs.NNW. and SSE.
 39.89 Original cor.of secs.1,2,35 and 36 on line, which I destroy, and at original cor.point,
 Set an iron post, 3 ft.long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor.of secs.1,2,35 and 36, marked on brass cap,
 1914 on S.rim;
 T 4 S in N.,
 T 5 S in S., and
 R 9 W in W.half;
 S 35 in NW.,
 S 36 in NE.,
 S 1 in SE., and
 S 2 in SW.quadrant;
 no bearings available. Pits impracticable. Raise a mound of stone 2 ft.base, $1\frac{1}{2}$ ft.high, W.of cor.
 Land, level.
 Soil, 1st rate, loamy, scrub mesquite, catclaw.

N.89°02'W., bet.secs.2 and 35.
 Over rolling land, through scattering brush.

8.00 Wash, 3 chs.wide, course S.
 13.00 Ascend stony east slope of mesa, brs.NNE.and SSW.; leave flat.
 14.50 Top of mesa, brs.NNE. and SSW., 50 ft.above bottom; thence over rolling, stony land.
 22.21 Road, Phoenix, to Yuma, brs.WSW. and ENE.
 40.13 Original $\frac{1}{4}$ sec.cor. on line, which I destroy, and at original corner point,
 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec.cor., marked on brass cap,
 $\frac{1}{4}$ S 35 in N., and
 S 2 in S.half;
 1914 in S.rim;
 no bearings available. Pits impracticable. Raise a mound of stone 2 ft.base, $1\frac{1}{2}$ ft.high, N.of cor.

Thence I run,
 N.89°09'W.on W.half, bet. secs.2 and 35.
 5.60 Wash, 50 lks.wide, course SE.
 39.41 Original sec.cor. on line, which I destroy, and at original cor. point,
 Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in the ground for reestablished cor.of secs.2 and 3 of T.5 S., R.9 W. (subsequent closures making this the cor. of two secs.) marked on brass cap,
 1914 on S.rim,
 T 4 S S 34, S 35 in N.,

10. Resurvey of North bdy. of Y Township 5 South, Range 9 West.

Chains.

T 5 S in S., and
R 9 W in W. half;
S 2 in SE., and
S 3 in SW. quadrant;

no bearings available. Pits impracticable. Raise
a mound of stone 3 ft. base, 2 ft. high, S. of cor.
Land, rolling.
Soil, 2nd, 3rd and 4th rate, sandy, gravelly, stony, dry.
Scattering greasewood, sage brush, few scrub mesquites.

N. 89° 11' W. on N. bdy. of secs. 3, 4, 5 S., R. 9 W.
Over rolling, stony land, through scattering brush; ascend gradually.

12.00 Top of low ridge, brs. N. and S.; descend.
19.00 Spur of same ridge, brs. NNE. and SSW.; descend gradually.
40.19 Original $\frac{1}{4}$ sec. cor. on line, which I destroy, and at original cor. point,
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 34 in N., and
S 3 in S. half;
1914 in S. rim;

no bearings available. Pits impracticable. Raise
A mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

Thence I run,

N. 89° 03' W., on W. half, bet. secs. 3 and 34.

40.24 Original sec. cor. on line, which I destroy, and at original cor. point,

Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished cor. of secs. 3, 4, 33 and 34, marked on brass cap,

1914 on S. rim,
T 4 S in N.,
T 5 S in S., and
R 9 W in W. half;
S 33 in NW.,
S 34 in NE.,
S 3 in SE., and
S 4 in SW. quadrant;

no bearings available. Pits impracticable. Raise
a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

Land, rolling.

Soil, stony, 3rd rate.

Greasewood, sage brush, few scrub mesquites, cacti.

N. 89° 06' W., bet. secs. 4 and 33.

Over gently rolling land; descend gradually through scattering brush.

40.22 Original $\frac{1}{4}$ sec. cor. on line, which I destroy, and at original cor. point,

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

$\frac{1}{4}$ S 33 in N., and
S 4 in S. half;

1914 on S. rim; pits impracticable; raise
a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

46.40 Road, Yuma to Phoenix, brs. NW. and SE.

80.41 Original sec. cor. on line, which I destroy, and at original cor. point,

Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 4, 5, 32 and 33, marked on brass cap,

1914 on S. rim;

Resurvey of North bdy. of Township 5 South, Range 9 West.

Chains.

T 5 S in S.,
T 4 S in N., and
R 9 W in W.half;
S 32 in NW.,
S 33 in NE.,
S 4 in SE., and
S 5 in SW.quadrant;

no bearings available. Pits impracticable. Raise
a mound of stone 2 ft.base, 1 1/2 ft.high, W. of cor.
Land, rolling.
Soil, 3rd rate, stony, gravelly, dry.
Greasewood, sage brush, scrub mesquite, cacti.

N.89°02'W., bet. secs.5 and 32.

Over hilly, rolling land; descend gradually.
4.50 Enter level land; good soil, dense brush, brs.N.and S.
16.40 Road, Yuma to Phoenix, brs.WSW. and ENE.
25.00 Enter rocky land, brs.N.and S.
40.25 Reestablish 1/4 sec.cor. to refer to sec.5 only, as follows:
Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in
the ground, for 1/4 sec.cor., marked on brass cap,
1/4 S 5 in S.half;,
1914 on S.rim;
pits impracticable. Raise a mound of stone 2 ft.
base, 1 1/2 ft.high, south of cor.
72.40 Wash 80 lks.wide, course S.; enter good loamy soil.
79.64 Wash, 40 lks.wide, course SW.
80.50 Original sec.cor. on line, which I destroy, and at orig-
inal cor.point,
Set an iron post, 3 ft.long, 3 ins. in diam., 24 ins. in
the ground, for reestablished cor.of secs.5 and 6, T.
5 S., R.9 W. (subsequent closures making this a cor.
of 2 secs.) marked on brass cap,
1914 on S.rim;
T 4 S S 31, S 32 in N.,
T 5 S in S., and
R 9 W in W.half;
S 6 in SW., and
S 5 in SE.quadrant; from which,
A palo verde tree, 6 ins. in diam, m brs.S.9 1/2°
E., 24 lks.dist., marked T 5 S R 9 W S 5
B T.
A palo verde tree, 8 ins. in diam., brs.S.22 1/2°
W., 30 lks.dist., marked T 5 S R 9 W S 6
B T.
Land, rolling.
Soil, 2nd and 3rd rate, sandy, stony, loamy, dry, loose.
Greasewood, sage brush, scrub mesquite, palo verde, cacti.

N.88°57'W., bet. secs. 6 and 31.

Over level land, drains S., through dense brush.
40.24 Original 1/4 sec.cor. on line, which I destroy, and at
original cor.point,
Set an iron post 3 ft.long, 1 in.in diam., 26 ins. in
the ground, for reestablished 1/4 sec.cor. to sec.6 only,
marked on brass cap,
1/4 S 6 in S.half; and
1914 on S.rim;
pits impracticable. Raise a mound of stone 2 ft base,
1 1/2 ft.high, S.of cor.
Thence I run,
N.89°06'W. on W.half, bet.secs.6 and 31.
5.00 Wash, 15 lks.wide, course S.
31.60 Wash, 80 lks.wide, course SE.

12. Resurvey of North boundary of Township 5 South, Range 9 W.
Chains.

- 40.32 Original cor. of Ts. 4 and 5 S., Rs. 9 and 10 W. on line, as hereinbefore described, which I destroy, and at the original cor. point, I reestablish cor. as follows: Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of Ts. 4 and 5 S., Rs. 9 and 10 W., marked on brass cap,
- 1914 on S. rim;
 - T 4 S in N.,
 - T 5 S in S.,
 - R 9 W in E., and
 - R 10 W in W. half;
 - S 36 in NW.,
 - S 31 in NE.,
 - S 6 in SE., and
 - S 1 in SW. quadrant; from which,
- A palo verde tree, 8 ins. in diam., brs. N. $42\frac{1}{2}^{\circ}$ E., 93 lks. dist., marked T 4 S R 9 W S 31 B T.
- No other trees near. Dig pits 24x24x12 ins., on each line, E., W. and N. 4 ft., and S. of cor., 8 ft. dist., and raise a mound of earth 5 ft. base, 2 $\frac{1}{2}$ ft. high, S. of cor., from which,
- A sharp volcanic peak brs. N. $50^{\circ}21'W$.
 - A stone monument on highest ridge north of Agua Caliente brs. S. $60^{\circ}32'W$.
 - A prominent peak brs. S. $70^{\circ}18'E$, name unknown.
- Magnetic variation at this cor., $14^{\circ}40'E$.
Land, rolling.
Soil, 2nd rate, sandy, loamy, loose, dry.
Greasewood, palo verde, scrub mesquite, cacti.

GENERAL DESCRIPTION.

The north bdy. of T. 5 S., R. 9 W. runs over rolling or level land, draining to the south.

June 4, 1914.

Retracement of North bdy. of Township 5 South, Range 10 W.

- June 5, 1914:
At 8h. a.m., l.m.t., at the cor. of Ts. 4 and 5 S., Rs. 9 and 10 W., reestablished by me, as hereinbefore described,
I set off $22^{\circ}31'N$. on the decl. arc; and $33^{\circ}01\frac{1}{2}'N$. on the lat. arc; and determine a meridian with the solar.
- Thence I retrace, on random lines as follows:
West, bet. secs. 1 and 36.
- 40.00 No trace of original $\frac{1}{4}$ sec. cor. found after diligent search.
- 78.89 Original cor. of secs. 1, 2, 35 and 36, brs. north, 123 lks. dist., which is an old decayed post, marked and witnessed as described by the Surveyor General.

- 39.64 Thence I run,
West, bet. secs. 2 and 35.
Remains of original $\frac{1}{4}$ sec. cor., brs. north 53 lks. dist.; traces of pits and mound; upon excavation, I also find the point of old stake, as described by the Surveyor General.

Thence I run,

Retracement of North boundary of Township 5 South Range 10 W. 13

Chains.

39.30 West, on west half, bet. secs. 2 and 35.
Original cor. of secs. 2, 3, 34 and 35, brs. south, 11 lks. dist., which is an old decayed post, marked and witnessed as described by the Surveyor General.

Thence I run,
40.00 West, bet. secs. 3 and 34.
No trace of original $\frac{1}{4}$ sec. cor. found after diligent search; set temp. cor. and continue line.
79.66 Original cor. of secs. 3, 4, 33 and 34, brs. N. 47 lks. dist., which is an old post, marked and witnessed as described by the Surveyor General.

Thence I run,
40.24 West, bet. secs. 4 and 33.
Original $\frac{1}{4}$ sec. cor., brs. south 41 lks. dist., which is an old post, marked and witnessed as described by the Surveyor General.

Thence I run,
40.20 West, on W. half, bet. secs. 4 and 33.
Original cor. of secs. 4, 5, 32 and 33, brs. N. 11 lks. dist., which is an old decayed post, marked and witnessed as described by the Surveyor General.

Thence I run,
40.19 West, bet. secs. 5 and 32.
Original $\frac{1}{4}$ sec. cor., on line, which is an old post, marked and witnessed as described by the Surveyor General.

Thence I run,
40.21 West, on W. half; bet. secs. 5 and 32.
Original cor. of secs. 5, 6, 31 and 32, brs. south, 18 lks. dist., which is an old post, badly decayed, with traces of markings, witnessed as described by the Surveyor General.

Thence I run,
40.03 West, bet. secs. 6 and 31.
Remains of original $\frac{1}{4}$ sec. cor., brs. south, 6 lks. dist., traces of pits and mound. Excavated and found point of original cor. post, as described by the Surveyor General.

Thence I run,
39.42 West, on west half, bet. secs. 6 and 31.
Original cor. of Ts. 4 and 5 S., Rs. 10 and 11 W. brs. south 6 lks. dist., which is an old post 6 ins. in diam., 3 ft. above ground, marked and witnessed as described by the Surveyor General.

Note: At this cor., at noon, I set off $22^{\circ}31'$ N. on the decl. arc; and observe the sun on the meridian; the resulting lat. is $33^{\circ}02'N$.

From the above data, I determine the true bearings and distances between corners along this line, and as these corners are in a very dilapidated condition, I proceed to reestablish this line, as follows:
June 5, 1914.

June 5, 1914, continued:

From the reestablished cor. of Ts. 4 and 5 S., Rs. 9 and 10 W., hereinbefore described, I run, on true lines, as follows:

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14. Resurvey of North bdy. of Township 5 South Range 10 W.
Chains.

- N. 89° 06' W., on north bdy. of sec. 1, T. 5 S., R. 10 W.
Over gently undulating plain, drains south, through dense
greasewood, sage brush, and scrub mesquite.
Point for reestablished $\frac{1}{4}$ sec. cor., will fall in wash;
therefore, at
- 38.95 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for witness cor. to reestablished $\frac{1}{4}$ sec. cor.
to sec. 1, marked on brass cap,
1914 on S. rim;
W C $\frac{1}{4}$ W. of center,
S 1 in SE. quadrant; from which,
A palo verde tree, 12 ins. in diam., brs. S. 5 $\frac{1}{2}$ °
W., 92 lks. dist., marked $\frac{1}{4}$ S 1 W C B T.
A palo verde tree, 10 ins. in diam., brs. S. 65 $\frac{1}{2}$ °
W. 37 lks. dist., marked $\frac{1}{4}$ S 1 W C B T.
- 39.45 Point for reestablished $\frac{1}{4}$ sec. cor. to sec. 1 falls in
wash, 30 lks. wide, course south.
- 78.90 To original cor. of secs. 1, 2, 35 and 36, which I destroy,
and at original cor. point I reestablish cor. as fol-
lows:
Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in
the ground, for cor. of secs. 1 and 2, of T. 5 S., R. 10 W.
(since the shortage of measurement developed from
my retracement will necessitate closing cor. from
the north on this old line) marked on brass cap,
1914 on S. rim;
T 4 S S 35, S 36 in N.,
T 5 S in S., and
R 10 W in W. half;
S 1 in SE., and
S 2 in SW. quadrant;
no trees near. Dig pits 24x24x12 ins. in each sec. 6
ft. dist., and raise a mound of earth 4 ft. base, 2 ft.
high, south of cor.
Land, level, gently undulating.
Soil, 2nd rate, sandy, loamy, loose, dry.
Grease wood, sage brush, palo verde, mesquite, cacti.

- N. 89° 14' W. on N. bdy. of sec. 2, T. 5 S., R. 10 W.
Over level land, drains south, through dense brush.
Wash, 20 lks. wide, course SE.
- 7.75
39.64 Original $\frac{1}{4}$ sec. cor. on line, which I destroy, and at
original cor. point,
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for reestablished $\frac{1}{4}$ sec. cor., marked on
brass cap,
 $\frac{1}{4}$ S 2 in S. half;
1914 on S. rim;
no trees near. Dig pits 18x18x12 ins., E. and W. of cor.
3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$
ft. high, S. of cor.
Thence a line runs S.
- 39.30 S. 89° 50' W. on W. half N. bdy. of sec. 2, dry.
Old sec. cor. on line, which I destroy, and at original
cor. point,
Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in
the ground for reestablished cor. of secs. 2 and 3,
marked on brass cap,
1914 on S. rim;
T 4 S, S 34, S 35 in N.,
R 10 W in W., and
T 5 S in S. half;
S 3 in SW., and
S 2 in SE. quadrant;
no trees near. Dig pits 24x24x12 ins. in each sec.
6 ft. dist., and raise a mound of earth 4 ft. base, 2 ft.
high, S. of cor.

Resurvey of North bdy. of Township 5 South, Range 10 West. 15

Chains.

Land, level, drains south.
Soil, 2nd rate, sandy, loamy, loose, dry.
Greasewood, sage brush, few cacti and palo verde.

8.10 N. 89° 40' W., on north bdy. of sec. 3, T. 5 S., R. 10 W.
39.83 Over gently rolling land, drains S., through dense brush.
Road, brs. NW. and SE.

Reestablish $\frac{1}{4}$ sec. cor., as follows:
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 3 in S. half;
1914 on S. rim; from which,
An ironwood tree, 30 ins. in diam., brs. S. 49 $\frac{1}{2}$ °
W., 65 lks. dist., marked $\frac{1}{4}$ S 3 B T.
A catclaw tree, 8 ins. in diam., brs. S. 29° E.,
90 lks. dist., marked $\frac{1}{4}$ S 3 B T.

40.50 Wash, 50 lks. wide, course SE., main wash.
63.00 Road, brs. NNE. and SSW.; cactus ranch on same, $\frac{1}{4}$ mile
to the north.

79.66 Original sec. cor. on line, which I destroy, and at orig-
inal cor. point,

Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in
the ground for reestablished cor. of secs. 3 and 4, T. 5
S., R. 10 W., marked on brass cap,
1914 on S. rim;
T 4 S S 33, S 34 in N.,
T 5 in S., and
R 10 W in W. half;
S 3 in SE., and
S 4 in SW. quadrant;

no trees near. Dig pits 24x24x12 ins., in each sec.
6 ft. dist., and raise a mound of earth 4 ft. base, 2
ft. high, S. of cor.

Land, level, drains south.
Soil, 2nd rate, loamy, sandy, dry, loose.
Greasewood, sage brush, few cacti.

4.80 S. 89° 25' W. on N. bdy. of sec. 4, T. 5 S., R. 10 W.
40.24 Over level land, drains south, through dense brush.
Road, brs. NNE. and SSW.

Original $\frac{1}{4}$ sec. cor. on line, which I destroy, and at
original cor. point,
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for reestablished $\frac{1}{4}$ sec. cor. to sec. 4,
marked on brass cap,

$\frac{1}{4}$ S 4 in S. half, and
1914 in S. rim;
no trees near; dig pits 18x18x12 ins., E. and W. of
cor. 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft.
base, 1 $\frac{1}{2}$ ft. high, S. of cor.

Thence I run,
N. 89° 50' W., on west half of N. bdy. of sec. 4.
5.20 Road, brs. N. and S.

40.20 Original sec. cor. on line, which I destroy, and at
original cor. point,

Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in
the ground for reestablished cor. of secs. 4 and 5, T.
5 S., R. 10 W., marked on brass cap,
1914 on S. rim;
T 4 S, S 32 S 33 in N.,
T 5 S in S., and
R 10 W in W. half;
S 4 in SE., and
S 5 in SW. quadrant;

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Chains.

no trees near; dig pits 24x24x12 ins. in each sec. 6 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.

Land, level, drains south.

Soil, 1st and 2nd rate, loamy, sandy, dry, loose, fine. Greasewood, sage brush, few cacti, and palo verde trees.

- West, on N. bdy. of sec. 5, T. 5 S., R. 10 W.
Over level land, drains south, through dense brush.
- 40.19 Original $\frac{1}{2}$ sec. cor. on line, which I destroy, and at original cor. point,
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished $\frac{1}{2}$ sec. cor., marked on brass cap,
 $\frac{1}{2}$ S 5 in S. half; and
1914 on S. rim;
no trees near. Dig pits 18x18x12 ins. E. and W. of cor., 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, S. of cor.
- 34.00 Thence I run,
S. 89° 45' W., on W. half N. bdy. of sec. 5/
Wash, 30 lks. wide, course S.
- 40.21 Original sec. cor. on line, which I destroy, and at original cor. point,
Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished cor. of secs. 5 and 6, T. 5 S., R. 10 W., marked on brass cap,
1914 on S. rim;
T 4 S, S 31 S 32 in N.,
T 5 S in S., and
R 10 W in W. half;
S 5 in SE., and
S 6 in SW. quadrant;
dig pits 24x24x12 ins. in each sec. 6 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.
Land, level.
Soil, 2nd rate, loamy, sandy, dry, loose.
Greasewood, sage brush, few palo verde trees and cacti.
-
- S. 89° 55' W. on N. bdy. of sec. 6, T. 5 S., R. 10 W.
Over level land, through dense low brush.
- 40.03 Original $\frac{1}{2}$ sec. cor. on line, which I destroy, and at original point,
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished $\frac{1}{2}$ sec. cor., marked on brass cap,
 $\frac{1}{2}$ S 6 in S. half; and
1914 on S. rim;
no trees near. Dig pits 18x18x12 ins., E. and W. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, S. of cor.
- 43.78 Old road, brs. N. and S.
52.67 Wash, 30 lks. wide, course S.
79.45 Original cor. of Ts. 4 and 5 S., Rs. 10 and 11 W. on line, which I destroy, and at original cor. point, I reestablish cor. as follows: S, 3 ins. in diam., 2
Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of Ts. 4 and 5 S., Rs. 10 and 11 W., marked on brass cap,
1914 on S. rim,
T 4 S in N.,
T 5 S in S.,
R 10 W in E., and
R 11 W in W. half;

Chains.

S 36 in NW.,
S 31 in NE.,
S 6 in SE., and
S 1 in SW. quadrant;

no bearings available. Dig pits 24x24x12 ins. on each line, E., W. and N., 4 ft., and S. of cor. 8 ft. dist., and raise a mound of earth 5 ft. base, 2 1/2 ft. high, S. of cor.

Land, level.
Soil, 2nd rate, loamy, sandy, dry, fine.
Greasewood, sage brush, few cacti, and palo verde trees.

GENERAL DESCRIPTION.

The north bdy. of T. 5 S., R. 10 W. runs over a smooth, level plain, draining to the south, into the Gila River. The soil is in general a rich sandy loam, fine texture, and would produce well if irrigated.

June 5, 1914.

Retracement of North boundary of Township 5 South, Range 11 West.

June 6, 1914:

At 8h.a.m., l.m.t., at the reestablished cor. of Ts. 4 & 5 S., Rs. 10 and 11 W. hereinbefore described, I set off 22°37 1/2' N. on the decl. arc; and 33°1 1/2' N. on the lat. arc; and determine a meridian with the solar Thence I retrace, on random lines, as follows:

39.71 West, bet. secs. 1 and 36.
Original 1/2 sec. cor. brs. south 23 lks. dist., which is an old post, marked and witnessed as described by the Surveyor General.

39.87 Thence I run,
West, on west half, bet. secs. 1 and 36.
Original cor. of secs. 1, 2, 35 and 36, brs. south, 37 lks. dist., which is an old mesquite post, marked and witnessed as described by the Surveyor General.

40.00 Thence I run,
West, bet. secs. 2 and 35.
No trace of old 1/2 sec. cor., found after diligent search.
Set temp. cor. and continue line.

80.30 Original cor. of secs. 2, 3, 34 and 35, brs. S 21 lks. dist., which is an old mesquite stake, badly decayed, with remains of pits and mound, as described by the Surveyor General.

40.00 Thence I run,
West, bet. secs. 3 and 34.
No trace of original 1/2 sec. cor. found after diligent search.

80.30 Set temp. cor., and continue line.
Original cor. of secs. 3, 4, 33 and 34, brs. north, 49 lks. dist., which is an old post, marked and witnessed as described by the Surveyor General.

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18. Retracement of North bdy. of Township 5 South, Range 11 W.
Chains.

- Thence I run,
West, bet. secs. 4 and 33.
- 40.14 Original $\frac{1}{4}$ sec. cor., brs. north, 20 lks. dist., which is an old post, marked and witnessed as described by the Surveyor General.
- Thence I run,
West, on west half, bet. secs. 4 and 33.
- 40.16 Original cor. of secs. 4, 5, 32 and 33 brs. N. 20 lks. dist., which is an old post, marked and witnessed, as described by the Surveyor General.

- Thence I run,
West, bet. secs. 5 and 32.
- 40.00 No trace of old $\frac{1}{4}$ sec. cor. found after diligent search. Set temp. cor. and continue line.
- 80.34 Original cor. of secs. 5, 6, 31 and 32, brs. north 28 lks. dist., which is an old post, marked and witnessed as described by the surveyor General.

- Thence I run,
West, bet. secs. 6 and 31.
- 40.12 Original $\frac{1}{4}$ sec. cor. brs. N. 14 lks. dist., which is an old decayed post, with traces of markings and pits, as described by the Surveyor.
- Thence I run,
West, on west half, bet. secs. 6 and 31.
- 28.12 Original cor. of Ts. 4 and 5 S., Rs. 11 and 12 W., brs. south 4 lks. dist., which is an old post marked and witnessed as described by the Surveyor General.
- Note: At this cor., at noon, I set off $22^{\circ}38'N.$ on the decl. arc; and observe the sun on the meridian; the resulting lat. is $33^{\circ}01'N.$

June 6, 1914.

Resurvey of North bdy. of Township 5 South, Range 11 West.

- From the above data, I determine the true bearings and distances along this line, and as all the corners thereon are in very dilapidated condition, and others totally obliterated, I proceed to reestablish these corners, as follows:
- June 6, 1914, continued.
- From the cor. of Ts. 4 and 5 S., Rs. 10 and 11 W., as re-established by me, as hereinbefore described, I run, on true lines, as follows:
- $S. 89^{\circ} 40' W.$, bet. secs. 1 and 36.
- Over level plain, drains south, through dense greasewood, sage brush, few cacti, palo verde and scrub mesquite trees.
- 39.71 Original $\frac{1}{4}$ sec. cor. on line, which I destroy, and at original cor. point,
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{2}$ S 36 in N., and
S 31 in S. half
1914 on S. rim;
dig pits $18 \times 18 \times 12$ ins., E. and W. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- Thence I run,
 $S. 89^{\circ} 28' W.$, on west half, bet. secs. 1 and 36.
- 39.87 Original sec. cor. on line, which I destroy, and at original cor. point,
Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 1, 2, 35 and 36, marked on brass cap,

1914 on S rim,
 T 4 S in N.,
 T 5 S in S., and
 R 11 W in W. half;
 S 35 in NW.,
 S 36 in NE.,
 S 1 in SE., and
 S 2 in SW. quadrant;

no trees near; dig pits 18x18x12 ins., in each sec.
 5½ ft. dist., and raise a mound of earth 4 ft. base, 2
 ft. high, west of cor.

Land, level.

Soil, 2nd rate, sandy, loamy, fine.

Greasewood, sage brush, few palo verde and mesquite
 treew.

S. 89°51'W., bet. secs. 2 and 35.

Over level land, through dense brush.

40.15 Reestablish ¼ sec. cor., as follows:

Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for ¼ sec. cor., marked on brass cap,

¼ S 35 in N., and
 S 2 in S. half;
 1914 in S rim;

no trees near. Dig pits 18x18x12 ins., E. and W. of
 cor. 3 ft. dist., and raise a mound of earth 3½ ft.
 base, 1½ ft. high, N. of cor.

42.50 Old wagon trail, brs. NNW. and SSE.

80.30 Original sec. cor. on line, which I destroy, and at orig-
 inal cor. point,

Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in
 the ground, for reestablished cor. of secs. 2, 3, 34
 and 35, marked on brass cap,

1914 on S rim,
 T 4 S in N.,
 T 5 S in S., and
 R 11 W in W. half;
 S 34 in NW.,
 S 35 in NE.,
 S 2 in SE., and
 S 3 in SW. quadrant; from which,

A palo verde tree, 10 ins. in diam., brs. N. 66°
 W., 186 lks. dist., marked T 4 S R 11 W
 S 34 B T.

A palo verde tree, 10 ins. in diam., brs. N. 12° E.,
 286 lks. dist., marked T 4 S R 11 W S 35
 B T.

A palo verde tree, 10 ins. in diam., brs. S. 36°
 E., 200 lks. dist., marked T 5 S R 11 W S
 2 B T.

A palo verde tree, 12 ins. in diam., brs. S. 73½°
 W., 47 lks. dist., marked T 5 S R 11 W S 3
 B T.

Land, level, drains S.

Soil, 2nd rate, loamy, sandy, gravelly, dry, loose.

Greasewood, sage brush, palo verde, cacti, scrub mes-
 quite.

N. 89°39'W., bet. secs. 3 and 34.

Over gently undulating land, drains S., through dense
 brush.

40.15 Reestablish ¼ sec. cor., as follows:

Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for ¼ sec. cor., marked on brass cap,

¼ S 34 in N., and
 S 3 in S. half;

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20. Resurvey of North bdy. of Township 5 South, Range 11 W.

Chains.

1914 in S. rim; from which,
 An ironwood tree, 24 ins. in diam., brs. N. 60° W.,
 286 lks. dist., marked $\frac{1}{4}$ S 34 B T.
 An ironwood tree, 30 ins. in diam., brs. S. 17° W.,
 209 lks. dist., marked $\frac{1}{4}$ S 3 B T.

42.50 Dim old road, brs. NNW. and SSE.
 60.50 Well drilling rig sinking well, 4 chs. to S. of line.
 80.30 Original sec. cor. on line, which I destroy, and at original cor. point,
 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. the ground, for reestablished cor. of secs. 3, 4, 33 and 34, marked on brass cap,
 1914 on S. rim,
 T 4 S in N.,
 T 5 S in S., and
 R 11 W in W. half;
 S 33 in NW.,
 S 34 in NE.,
 S 3 in SE., and
 S 4 in SW. quadrant; from which,
 A palo verde tree, 6 ins. in diam., brs. N. 40° E., 286 lks. dist., marked T 4 S R 11 W S 34 B T.
 A palo verde tree, 6 ins. in diam., brs. S. 83 $\frac{1}{2}$ ° W., 159 lks. dist., marked T 5 S R 11 W S 4 B T.

No other bearings available. Dig pits 18x18x12 ins., in each sec. 5 $\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, west of cor.
 Land, level, drains S.
 Soil, 2nd rate, sandy, loamy, loose, dry, fine.
 Greasewood, palo verde, ironwood, sage brush, cacti.

N. 89° 43' W., bet. secs. 4 and 33.
 Over level land, through dense brush.

40.14 Original $\frac{1}{4}$ sec. cor. on line, which I destroy, and at original cor. point,
 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 33 in N., and
 S 4 in S. half;
 1914 on S. rim;
 dig pits 18x18x12 ins., E. and W. of cor. 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, north of cor.

71.40 Wash, 10 lks. wide, course S.
 80.30 Original sec. cor. on line, which I destroy, and at original cor. point,
 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. the ground, for reestablished cor. of secs. 4, 5, 32 and 33, marked on brass cap,
 1914 on S. rim,
 T 4 S in N.,
 T 5 S in S.; and
 R 11 W in W. half;
 S 32 in NW.,
 S 33 in NE.,
 S 4 in SE., and
 S 5 in SW. quadrant;

no trees near. Dig pits 18x18x12 ins., in each sec. 5 $\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
 Land, level.
 Soil, 2nd rate, gravelly, sandy, loose, dry.
 Greasewood, sage brush, palo verde, few mesquites and cacti.

Resurvey of North bdy. of Township 5 South, Range 11 West. 21.

Chains.

N. 89°48' W., bet. secs. 5 and 32.
 Over level land through dense brush.

14.00 Wash, 20 lks. wide, course S.
 21.40 Wash, 15 lks. wide, course S.
 22.40 Wash, 15 lks. wide, course S.
 40.17 Reestablish $\frac{1}{4}$ sec. cor. to sec. 5 only, as follows:
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 5 in S. half;
 1914 in S. rim;
 (Excess distance will render closing cor. necessary from the north). No trees near. Dig pits 18x18x12 ins., E. and W. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, S. of cor.

41.00 Wash, 30 lks. wide, course S.
 80.34 Original sec. cor., on line, which I destroy, and at original cor. point,
 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 5 and 6, T. 5 S., R. 11 W., marked on brass cap,
 1914 on S. rim,
 T 4 S S 31 S 32 in N., T 5 S in S. and
 R 11 W in W. half;
 S 5 in SE., and
 S 6 in SW. quadrant; from which,
 A palo verde tree, 7 ins. in diam., brs. S. 24° E., 127 lks. dist., marked T 5 S R 11 W S 5 B T.

No other trees near. Dig pits 24x24x12 ins. in each sec. 6 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.
 Land, level, gently rolling, drains south.
 Soil, 2nd rate, sandy, gravelly, loose, dry.
 Greasewood, palo verde, mesquite, ironwood, sage brush.

N. 89°48' W., on N. bdy. of sec. 6, T. 5 S., R. 11 W.
 Over rolling land, drains S., through dense brush.

40.12 Original $\frac{1}{4}$ sec. cor. on line, which I destroy, and at original cor. point,
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 6 in S. half;
 1914 in S. rim;
 no bearings available. Dig pits 18x18x12 ins., E. and W. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, S. of cor.

Thence I run,
 S. 89°56' W. on west half of N. bdy. of sec. 6.

4.70 Wash, 90 lks. wide, course SSE.
 28.12 Original cor. of Ts. 4 and 5 S., Rs. 11 and 12 W., on line, which I destroy, and at original cor. point, I
 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of Ts. 4 and 5 S., Rs. 11 and 12 W., marked on brass cap,
 1914 on S. rim;
 T 4 S in N.,
 T 5 S in S.,
 R 11 W in E., and
 R 12 W in W. half;
 S 36 in NW.,
 S 31 in NE.,
 S 6 in SE., and
 S 1 in SW. quadrant; from which,
 A palo verde tree, 6 ins. in diam., brs. N. 35° E., 134 lks. dist., marked T 4 S R 11 W S 31 B T.

No other trees or bearings available. Dig pits 24x24x12 ins. on each line, E., W. and N. 4 ft., and S. of cor.

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Chains.

8 ft. dist., and raise a mound of earth 5 ft. base, 2
2 ft. high, S. of cor.

Land, level.

Soil, 2nd rate, loamy, sandy, dry.

Greasewood, sage brush, palo verde, ironwood, cacti.

GENERAL DESCRIPTION.

The north bdy. of Tp. 5 S., R. 11 W., runs over level or
gently rolling land, draining south into the Gila
River. The soil along the line is a rich sandy
loam, and would produce well if watered. No water
nor timber on or near the line.

June 6, 1914.

Retracement of North bdy. of Township 5 South, Range 12 West

June 9, 1914:

At 8h. a.m., l.m.t., at the cor. of Ts. 4 and 5 S., Rs. 11
and 12 W., reestablished by me, as hereinbefore de-
scribed,

I set off $22^{\circ}55'N.$ on the decl. arc; and $33^{\circ}01\frac{1}{2}'N.$ on
the lat. arc, and determine a meridian with the solar.

Thence I retrace on random lines, as follows:

West, bet. secs. 1 and 36.

40.60 Original $\frac{1}{4}$ sec. cor. brs. south, 28 lks. dist., which is an
old decayed post, with remains of pits and mound,
as described by the Surveyor General.

Thence I run,

West, on west half, bet. secs. 1 and 36.

40.06 Original cor. of secs. 1, 2, 35 and 36, brs. south $10\frac{1}{2}$ lks.
dist., which is an old post, marked and witnessed, as
described by the Surveyor General.

Thence I run,

West, bet. secs. 2 and 35.

40.12 Original $\frac{1}{4}$ sec. cor. brs. south 51 lks. dist., which is an
old post, marked and witnessed as described by the
Surveyor General.

Thence I run,

West, on west half, bet. secs. 2 and 35.

40.47 Original cor. of secs. 2, 3, 34 and 35, brs. north, 26 lks.
dist., which is an old post, marked and witnessed, as
described by the Surveyor General.

Thence I run,

West, bet. secs. 3 and 34.

39.70 Original $\frac{1}{4}$ sec. cor., brs. north, $11\frac{1}{2}$ lks. dist., which is
an old decayed post, marked and witnessed, as de-
scribed by the Surveyor General.

Thence I run,

West, on west half, bet. secs. 3 and 34.

40.12 Original cor. of secs. 3, 4, 33 and 34, brs. north, 18 lks.
dist., which is an old post, marked and witnessed as
described by the Surveyor General.

Thence I run,

West, bet. secs. 3 and 33.

Retracement of North bdy. of Township 5 South, Range 12 West. 23.

Chains.

40.07 Thence I run, West, bet. secs. 4 and 33. Original 1/4 sec. cor. brs. north 2 1/2 lks. dist., which is an old post, with remains of pits and mound, as described by the Surveyor General.

40.04 Thence I run, West, on west half, bet. secs. 4 and 33. Original cor. of secs. 4, 5, 32 and 33, brs. north 2 1/2 lks. dist., which is an old post, marked and witnessed as described by the Surveyor General.

40.00 Thence I run, West, bet. secs. 5 and 32. No trace of original 1/4 sec. cor., found after diligent search.

80.28 Set temp. cor., and continue line. Original cor. of secs. 5, 6, 31 and 32, brs. north 5 lks. dist., which is an old post, in mound of stone, as described by the Surveyor General.

39.42 Thence I run, West, bet. secs. 6 and 31. Original 1/4 sec. cor. on line, which is an old decayed post, marked and witnessed as described by the Surveyor General.

39.58 Thence I run, West, on west half, bet. secs. 6 and 31. Original cor. of Ts. 4 and 5 S., Rs. 12 and 13 W., brs. north 2 lks. dist., which is an iron post, 3 ins. in diam., 1 ft. above ground, with brass cap, marked and witnessed as described by the Surveyor General.

From the above data, I determine the true bearings and distances along this line, and proceed to reestablish the corners thereon as common to two secs. only, since the excess distance will necessitate closing cors. from the north,

June 9, 1914.

Resurvey of North bdy. of Township 5 South, Range 12 West.

June 9, 1914, continued. From the reestablished cor. of Ts. 4 and 5 S., Rs. 11 and 12 W., hereinbefore described I run, on true lines as follows:

40.60 S. 89° 36' W., on north bdy. of sec. 1, T. 5 S., R. 12 W. Over rolling land, drains S., through dense greasewood, sage brush, scattering palo verde and ironwood. Original 1/4 sec. cor. on line, which I destroy, and at original cor. point, Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished 1/4 sec. cor., marked on brass cap,

1/2 S 1 in S. half; and 1914 on S. rim; from which, A palo verde tree, 12 ins. in diam., brs. S. 60° E., 88 lks. dist., marked 1/4 S 1 BT.

No other trees near. Dig pits 18x18x12 ins., E. and W. of cor. 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

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24. Resurvey of North bdy. of Township 5 South, Range 12 W.
Chains.

Thence I run,
S.89°51'W. on west half of N.bdy.of sec. 1.
30.00 Draw, 2 chs.wide, course S.
40.06 Original sec.cor. on line, which I destroy, and at original cor.point,
Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in the ground for reestablished cor.of secs. 1 and 2, marked on brass cap,
1914 on S.rim;
T 4 S S 35, S 36 in N.,
T 5 S in S., and
R 12 W in W.half;
S 1 in SE., and
S 2 in SW.quadrant; from which,
An ironwood tree, 12 ins. in diam., brs.S.70°E.,
111 lks.dist., marked T 5 S R 12 W S 1 BT.
An ironwood tree, 14 ins.in diam., brs.S.11°W.,
159 lks.dist., marked T 5 S R 12 W S 2 BT.
Land, rolling.
Soil 2nd rate, sandy, loamy, loose, gravelly, dry.
Greasewood, sage brush, palo verde, ironwood, cacti.

S.89°16'W., on north bdy.of sec. 2, T.5 S., R.12 W.
Over rolling land, drains S., through dense brush.
25.00 Enter draw, course S.
30.10 Wash, 70 lks.wide, course SSE.
36.00 Wash, 20 lks.wide, course S.
40.12 Original $\frac{1}{2}$ sec.cor. on line, which I destroy, and at original cor.point,
Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{2}$ sec.cor., marked on brass cap,
 $\frac{1}{2}$ S 2 in S.half; and
1914 on S.rim;
no trees near; dig pits 18x18x12 ins., E.and W. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high, S of cor.
Thence I run,
N.89°38'W., on west half of N.bdy.of sec.2.
10.00 Leave draw.
20.00 Enter draw, course S.
26.60 Wash, 90 lks.wide, course S.
39.90 Wash, 20 lks.wide, course S.
40.47 Original sec.cor. on line, which I destroy, and at original cor.point,
Set an iron post, 3 ft.long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor.of secs.2 and 3, marked on brass cap,
1914 on S.rim,
T 4 S S 34, S 35 in N.,
T 5 S in S., and
R 12 W in W.half;
S 2 in SE., and
S 3 in SW.quadrant; from which,
An ironwood tree, 18 ins. in diam., brs.S.19°W.,
33 lks.dist., marked T 5 S R 12 W S 3 BT.
A palo verde tree, 14 ins.in diam., brs.S.15°E.,
111 lks.dist., marked T 5 S R 12 W S 2 B T.
Land, rolling.
Soil, 2nd rate, gravelly, sandy, loamy, dry.
Palo verde, ironwood, greasewood, sage brush, cacti.

Re-survey of North Boundary of T. 5 S., R. 12 W. 25

Chains.	N. 89°50' W. on N. bdy. of sec. 3, T.5 S., R.12 W. Over rolling land, through dense brush.
8.00	Leave draw, course S.
25.88	Road, brs. N. & S.
39.70	Orig. $\frac{1}{4}$ sec. cor. on line, which I destroy, and at orig. cor. pt. Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for reestab. $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 3 in S. half, 1914 on S. rim; no trees near. Pits imprac. Raise a mound of stone 3 ft. base 2 ft. high S. of cor. Thence I run,
3.30	N. 89°45' W. on $W\frac{1}{2}$ of N. bdy. of sec. 3 Wash, 30 lks. wide, course S.
23.00	Enter draw, course S.
33.00	Leave draw.
40.12	Orig. sec. cor. on line, which I destroy, and at orig. cor. pt. Set an iron post 3 ft. long, 3 ins. in diam. 24 ins. in the ground for reestab. cor. of secs. 3 & 4, marked on brass cap, 1914 on S. rim, T 4 S, S 33, S 34, in N., T5S in S. and R12W in W. half, S3 in SE, and S4 in SW. quad, pits impracticable. Raise a mound of stone 3 ft. base 2 ft. high S. of cor. Land, rolling. Soil, 2nd rate, loamy, sandy, loose, fine dry. Greasewood, paloverde, ironwood, sage brush, few cacti.
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	N. 89°58' W. on N. bdy. of sec. 4. T.5 S., R.12 W. Over gently rolling land, drains S., through dense brush.
11.00	Enter draw, course S.
16.00	Wash, 20 lks. wide, course S.
26.00	Leave draw.
40.07	Orig. $\frac{1}{4}$ sec. cor. on line which I destroy, and at orig. cor. pt. Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for reestab. $\frac{1}{4}$ sec. cor. marked on brass cap, $\frac{1}{4}$ S 4 in S. half, 1914 on S. rim; from which, An ironwood tree 30 ins. diam. brs. S. 59°E. 130 lks. dist., marked $\frac{1}{4}$ S 4 B T. A paloverde tree 8 ins. diam. brs. S. 39 $\frac{1}{4}$ °W. 40 lks. dist., marked $\frac{1}{4}$ S 4 B T.
41.00	Wash, 40 lks. wide, course S.
80.11	Orig. sec. cor. on line, which I destroy, and at orig. cor. pt. Set an iron post 3 ft. long, 3 ins. in diam. 24 ins. in the ground for reestab. cor. of secs. 4 & 5, marked on brass cap, 1914 on S. rim, T 4 S, S 32, S 33, in N., T 5 S in S., and R 12 W in W. half, S 4 in SE., and S 5 in SW. quad.; No bearings available, pits impracticable. Raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high S. of cor. Land, rolling. Soil, 1st & 2nd rate, loamy, sandy, fine, dry, gravelly. Greasewood, sage brush, few paloverde and ironwood trees.

Chains.

N. 89°58' W. on N. bdy. of sec. 5, T. 5 S., R. 12 W.
Over level land, drains S., through dense brush.

8.00 Enter main draw, course S.

40.14 Re-establish $\frac{1}{4}$ sec. cor. as follows:
Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 5 in S. half, 1914 on S. rim; no trees available.
Dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high S. of cor.

48.35 Road, brs. NNW. & SSE.

62.20 Wash, 90 lks. wide, course SSE.

79.00 Wash, 20 lks. wide, course SSE.

79.50 Leave draw, asc. volcanic hill, brs. N. & SSW.

80.28 Orig. sec. cor. on line, which I destroy, and at orig. cor. pt. Set an iron post 3 ft. long, 3 ins. in diam. 24 ins. in the ground for reestab. cor. of secs. 5 & 6, marked on brass cap, 1914 on S. rim, T 4 S, S 31, S 32, in N., T 5 S in S., and R 12 W in W. half, S 5 in SE., and S 6 in SW. quad.; no trees available.
Pits impracticable.
Raise a mound of stone 3 ft. base 2 ft. high S. of cor. Land, level. Soil, 1st rate, loamy sandy, dry, fine. Greasewood, mesquite, ironwood, paloverde.

West, on N. bdy. of sec. 6., T. 5 S., R. 12 W.
Over mts. land, through scattering greasewood, asc. stony E. slope of volcanic hill.

9.00 Top of ridge, brs. SSE. & NNW., desc.

18.00 Foot, brs. NW. & SE.

26.00 Asc. stony ENE. slope.

39.42 Orig. $\frac{1}{4}$ sec. cor. on line, which I destroy, and at orig. cor. pt. Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for reestab. $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 6 in S. half, 1914 on S. rim; no trees near. Pits imprac. Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high S. of cor. Thence I run, -----
N. 89°58' W., on $W\frac{1}{2}$ of N. bdy. of sec. 6

20.60 Top of volcanic ridge, brs. N. & S., desc.

39.58 Orig. cor. of Tps. 4 & 5 S., Rs. 12 & 13 W., heretofore described.
Land, mts., broken.
Soil, 3rd rate, stony.
Greasewood, cacti.

Note:-(Lines were run and cor. points marked on June 9th for this line. The corners were set on June 18th.)

General Description.
The N. bdy. of T. 5 S., R. 12 W. runs over a level or gently rolling plain for 5 miles, then rises over a rough volcanic ridge in last mile to W. There is no water nor timber on or near the line, nor any indications of settlement or other occupation of the land.

June 9, 1914.

John B. Wright

W. S. Curry

FOR FINAL OATH OF UNITED STATES SURVEYOR.
See Book "A"

I, _____, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for _____ bearing date of the _____ day of _____, 191____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____

_____ of the _____ Meridian, in the State of _____, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 191____ }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix - Arizona Aug 27, 1915

The foregoing field notes of the ~~survey of~~ *RETRACEMENT & RESURVEY OF THE WEST BOUNDARY OF T. 1 S. R. 5 W., ~ RETRACEMENT OF THE GILA & SALT RIVER BASE LINE THRU PART OF RANGE 5 WEST, ~ AND RETRACEMENT & RESURVEY OF THE NORTH BOUNDARIES OF TS. 5 S., RS. 9, 10, 11 AND 12 W. OF THE GILA AND SALT RIVER BASE & MERIDIAN, IN THE STATE OF ARIZONA*

executed by *Jesse B. Wright - U.S. Surveyor* under his special instructions dated *Oct. 21, 1913 and Feb. 10, 1914 for Group 32*, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the *retracements and re surveys* they describe, are hereby approved.

Frank Kingall
U. S. Surveyor General.
OF ARIZONA.

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.