

Book "B"

BOOK 2836

- Retracements & Resurveys. Exteriors. -

# FIELD NOTES

OF THE ~~SURVEY OF THE~~

## RETRACEMENT OF

Part of the South boundary of Township 8 North, Range 8 West,

" " " " " " " " 8 " " 9 "

South and East boundaries " " 6 " " 13 "

and Second Standard Parallel North, South of secs. 31 and 32 of

Township 9 North, Range 12 West,

## AND RESURVEY OF

Part of the South boundary of Township 6 North, Range 13 West

of the Gila and Salt River Base & Meridian,

In the State of ARIZONA.

EXECUTED BY

W.K. Kierulff, U.S. Transitman

and

W.H. Thorn, U.S. Surveyor

~~In the capacity of U.S. Surveyor~~, under instructions dated February 11, 1914,

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

Group No. 34, which were approved by the Commissioner of the General Land

Office, February 20, 1914, pursuant to authority contained in the Act of

Congress dated ~~1911~~

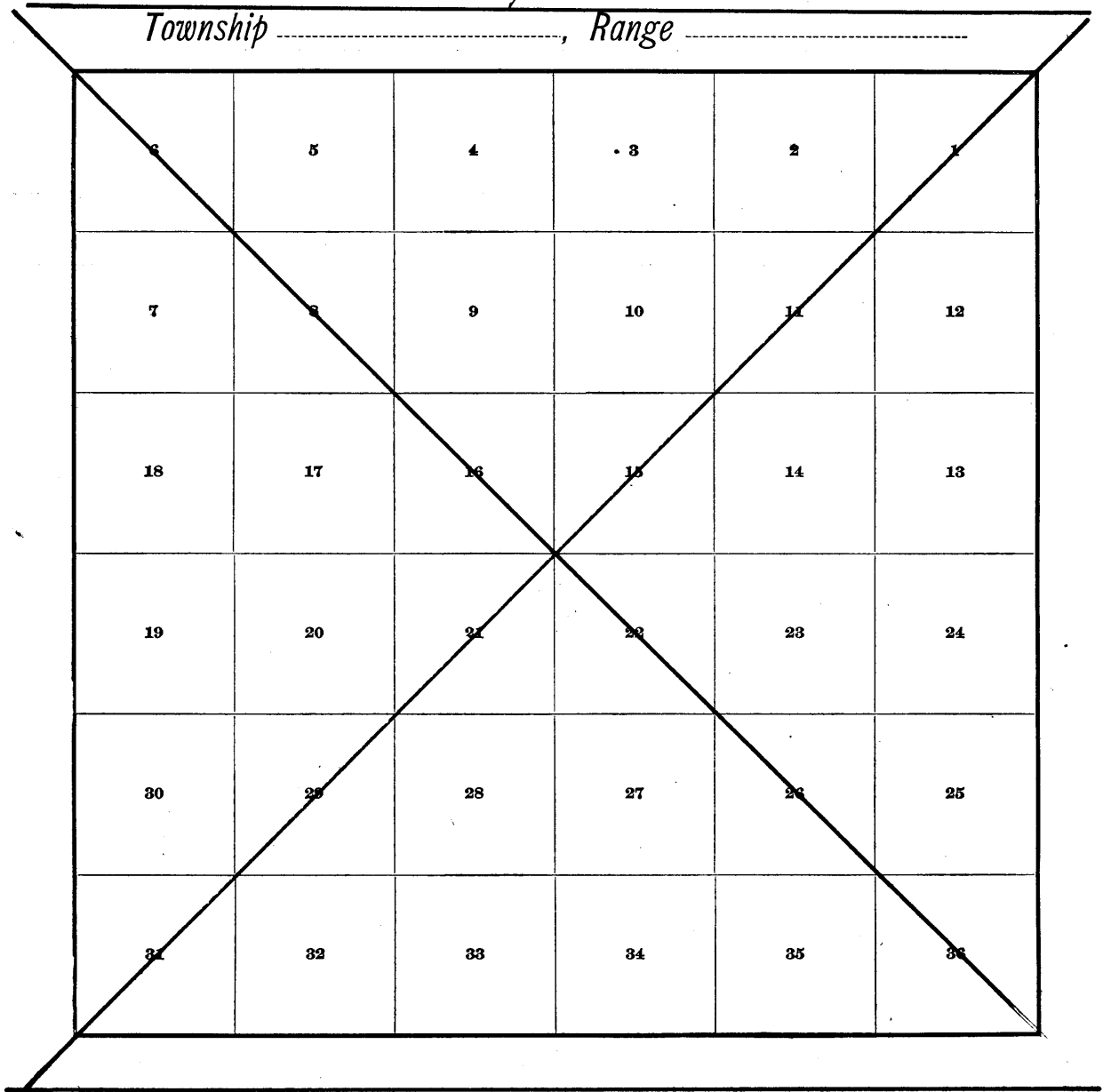
Retracements and Resurveys commenced April 4, 1914

Retracements and Resurveys completed June 26, 1914

*Book "B"*

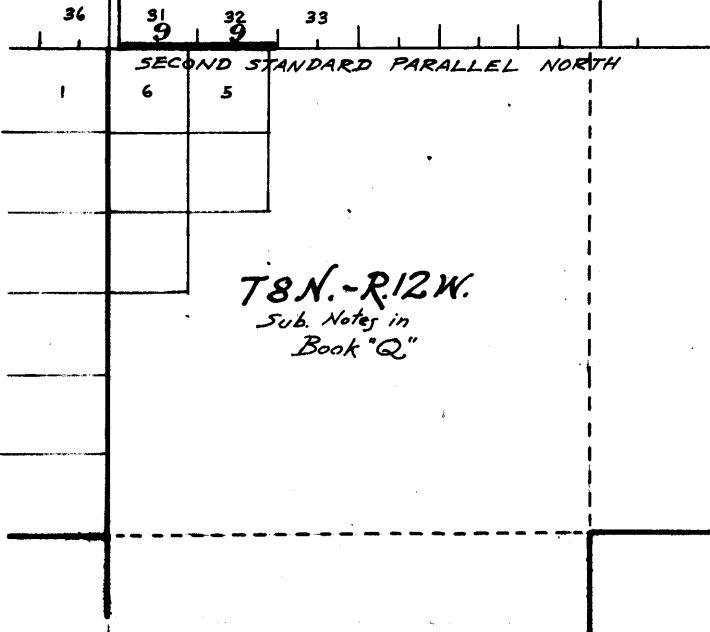
**INDEX DIAGRAM.**

*See Special Index*

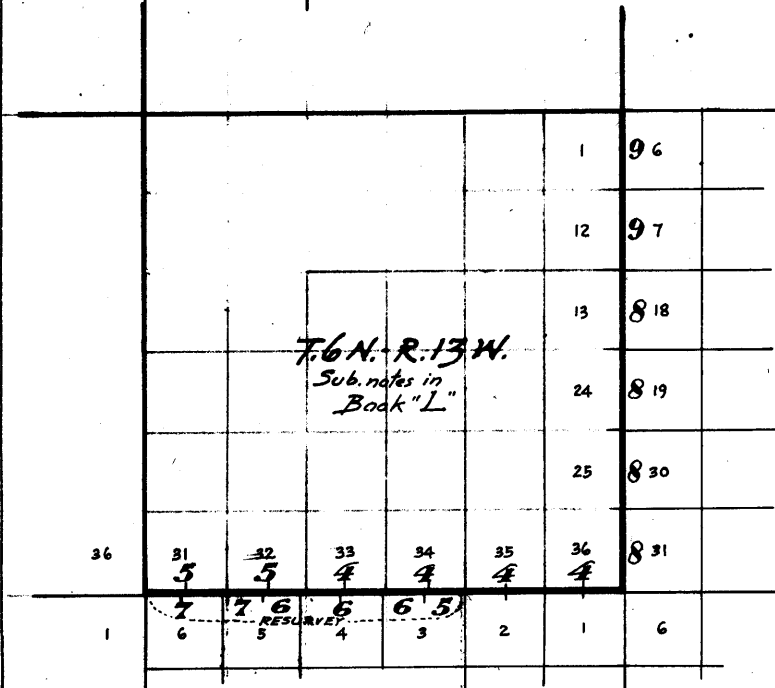
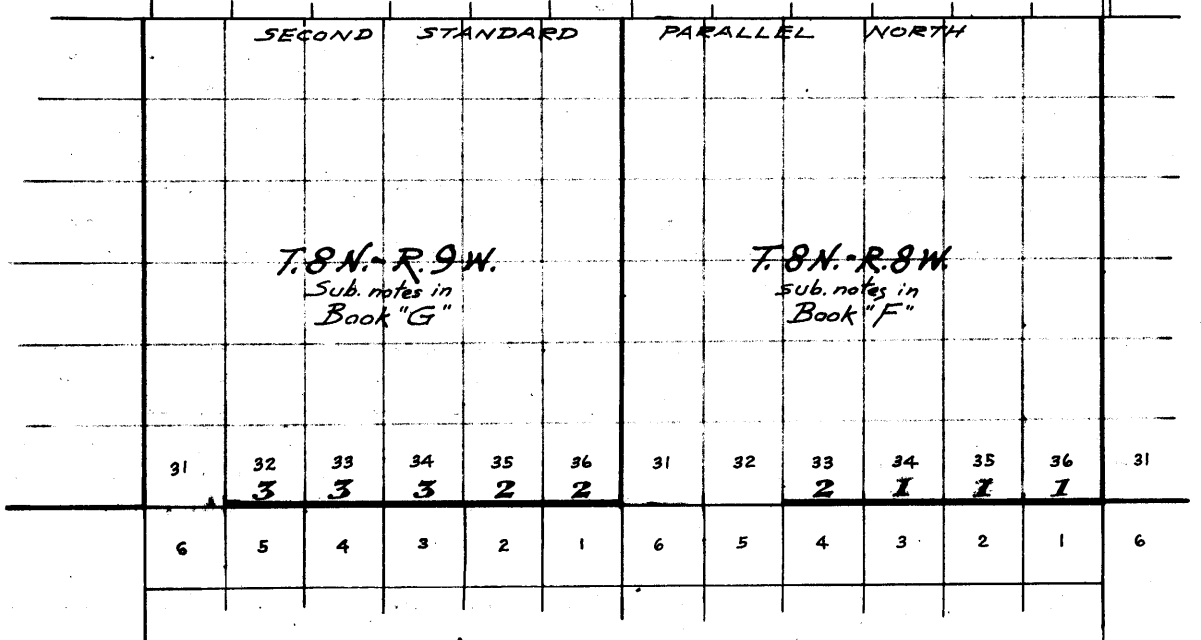




GROUP 34.  
Book "B"  
INDEX-DIAGRAM.



- LEGEND
- 6 5 Notes in this Book (indexed)
  - Notes in Book "A"
  - - - Subdivision lines surveyed this Group.
  - Accepted surveys.
  - - - Unsurveyed Tp. bdrs.



Retracement of part of the South bdy. of Township 8 N., R. 8 W. Chains.

Retracement and Resurvey of Township Exteriors, under instructions for Group 34, Arizona, commenced April 4, 1914, and executed by W. K. Kierulff, U.S. Transitman, using a Young and Sons' light mountain transit No. 8492, and W. H. Thorn, U. S. Surveyor, using a Young and Sons' light mountain transit No. 8592, both of which instruments are described in Book "A" of field notes of this Group. The initials "W.K.K." are inserted in the following notes at the beginning and ending of those portions of the notes describing the Retracements or Resurveys executed by W. K. Kierulff, U. S. Transitman, and the initials "W. H. T." inserted in the same manner, indicate the Retracements and Resurveys executed by W. H. Thorn, U. S. Surveyor.

W.K.K.

April 4, 1914: At the cor. of secs. 1, 2, 35 and 36 on the south bdy. of T. 8 N., R. 8 W., which is an iron post 3 ins. in diam., 12 ins. above ground, marked and witnessed as described by the Surveyor General; latitude 33° 59' 06" N.; longitude, 113° 3' 32" W. At 8h. a.m., l.m.t., I set off 33° 59' N. on the lat. arc; 5° 33' N. on the decl. arc; and determine a meridian with the solar.

- 40.02 Flag at the cor. of Ts. 7 and 8 N., Rs. 7 and 8 W. being plainly visible, I run for said cor., N. 89° 56' E. on a true line, bet. secs. 1 and 36. Intersect 1/4 sec. cor., which is an iron post 1 in. in diam., with brass cap, marked and witnessed as described by the Surveyor General. Continue line, but measure from 1/4 sec. cor.
- 39.99 Intersect cor. of Ts. 7 and 8 N., Rs. 7 and 8 W., which is an iron post 3 ins. in diam., with brass cap marked and witnessed as described by the Surveyor General.

- 39.98 From the cor. of secs. 1, 2, 35 and 36, I run west, on random line, bet. secs. 2 and 35. Fall 11 lks. N. of 1/4 sec. cor., which is an iron post 1 in. in diam., with brass cap marked and witnessed as described by the Surveyor General. The true course of E. half bet. secs. 2 and 35 is therefore N. 89° 50' E., 39.98 chs. Set over cor., and run west on a random line on west half bet. secs. 2 and 35.
- 40.03 Fall 12 lks. north of cor. of secs. 2, 3, 34 and 35, which is an iron post 3 ins. in diam., with brass cap marked and witnessed as described by the Surveyor General. The true course and distance of west half bet. secs. 2 and 35, is therefore N. 89° 50' E., 40.03 chs.

Obtain bearing only bet. secs. 3 and 34, as follows: From a point 1.00 chain west of corner of secs. 2, 3, 34 and 35, flag at the cor. of secs. 3, 4, 33 and 34, brs. S. 89° 59' W. True bearing of line bet. secs. 3 and 34 is therefore S. 89° 59' W.

April 4, 1914.

April 9, 1914: At 8h. a.m., l.m.t., I set off 33° 59' N. on lat. arc; 7° 26' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 3, 4, 33 and 34 on south bdy of T. 8 N., R. 8 W., which is an iron post 3 in. in diam., with brass cap, marked and witnessed as described by

## 2. Retracement of part of South bdy. of Township 8 N. R. 8 W.

Chains.

- the Surveyor General.  
Thence I run,  
West, on a random line, bet. secs. 4 and 33.
- 39.72 Fall 7 lks. north of the  $\frac{1}{4}$  sec. cor., which is an iron post 1 in. in diam., with brass cap, marked and witnessed as described by the Surveyor General.  
The true course and dist. of E. half bet. secs. 4 and 33 is therefore N.  $89^{\circ} 54' E.$ , 39.72 chs. Set over  $\frac{1}{4}$  sec. cor. and run
- 40.04 West on random line on west half bet. secs. 4 and 33.  
Fall 2 lks. south of cor. of secs. 4, 5, 32 and 33, which is an iron post 3 ins. in diam., with brass cap, marked and witnessed as described by the Surveyor General.  
The true course and distance of W. half, bet. secs. 4 and 33 is therefore, S.  $89^{\circ} 58' E.$ , 40.04 chs.
- April 9, 1914.  
W.K.K.

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

- W.H.T.  
April 14, 1914: At 8h. a.m., l.m.t., I set off  $33^{\circ} 59' N.$  on the lat. arc;  $9^{\circ} 16' N.$  on the decl. arc, and determine a meridian with the solar at the cor. of Ts. 7 and 8 N., Rs. 8 and 9 W., which is an iron post 3 ins. in diam., with brass cap, marked and witnessed as described by the Surveyor General.
- Thence I run,  
West, bet. secs. 1 and 36.
- 40.06 Fall 6 lks. S. of  $\frac{1}{4}$  sec. cor., which is an iron post 1 in. in diam., with brass cap marked and witnessed as described by the Surveyor General.  
Set over  $\frac{1}{4}$  sec. cor., and run west on random line, on west half, bet. secs. 1 and 36.
- 40.11 Fall 9 lks. S. of cor. of secs. 1, 2, 35 and 36, which is an iron post 3 ins. in diam., with brass cap, marked and witnessed as described by the Surveyor General.  
The true course and dist. of the East half, bet. secs. 1 and 36 is therefore S.  $89^{\circ} 55' E.$ , 40.06 chs. of the west half, S.  $89^{\circ} 52' E.$ , 40.11 chs.
- April 14, 1914.

- April 16, 1914:  
At 8h. a.m., l.m.t., I set off  $33^{\circ} 59' N.$  on the lat. arc;  $9^{\circ} 59' N.$  on the decl. arc; and determine a meridian with the solar at the cor. of secs. 1, 2, 35 and 36, which is an iron post 3 ins. in diam., with brass cap, marked and witnessed as described by the Surveyor General.
- Thence I run,  
West, on a random line, bet. secs. 2 and 35.
- 40.13 Fall 2 lks. S. of the  $\frac{1}{4}$  sec. cor., which is an iron post, 1 in. in diam., with brass cap, marked and witnessed as described by the Surveyor General.  
Set over  $\frac{1}{4}$  sec. cor., and run west on random line on west half, bet. secs. 2 and 35.
- 40.13 Fall 9 lks. S. of the cor. of secs. 2, 3, 34 and 35, which is an iron post 3 ins. in diam., with brass cap marked and witnessed as described by the Surveyor General.  
The true course and dist. for the east half, bet. secs. 2 and 35 is therefore S.  $89^{\circ} 58' E.$ , 40.13 chs. for the west half, S.  $89^{\circ} 52' E.$ , 40.13 chs.
- April 16, 1914.

Retracement of South bdy. of Township 8 North Range 9 West.

Chains.

April 17, 1914:  
At 8h. a.m., l.m.t., I set off 33°59'N. on the lat. arc; 10°20½'N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 2, 3, 34 and 35 on south bdy. of Tp., which is an iron post 3 ins. in diam., with brass cap, marked and witnessed as described by the Surveyor General.

40.12 Thence I run West, on a random line, bet. secs. 3 and 34. Fall 5 lks. S. of the ¼ sec. cor., which is an iron post 1 in. in diam., with a brass cap marked and witnessed as described by the Surveyor General.

40.06 Set over ¼ sec. cor., and run west on a random line, on west half, bet. secs. 3 and 34. Fall 15 lks. S. of the cor. of secs. 3, 4, 33 and 34, which is an iron post 3 ins. in diam., with brass cap, marked and witnessed as described by the Surveyor General. The true course and distance for the east half, bet. secs. 3 and 34 is therefore S. 89°56'E., 40.12 chs.; for the west half, S. 89°47'E., 40.06 chs.

April 17, 1914.  
W. H. T.

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W. K. K.  
April 18, 1914:  
At 8h. a.m., l.m.t., I set off 33° 59' N. on the lat. arc; 10°41½' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 3, 4, 33 and 34, on south bdy. of Tp., which is an iron post 3 ins. in diam., with brass cap, marked and witnessed as described by the Surveyor General.

40.07 Thence I run, West, on a random line, bet. secs. 4 and 33. Fall 2 lks. N. of the ¼ sec. cor., which is an iron post, 1 in. in diam., with a brass cap marked and witnessed as described by the Surveyor General.

40.10 Set over ¼ sec. cor., and run West, on a random line on west half, bet. secs. 4 and 33. Fall 8 lks. south of cor. of secs. 4, 5, 32 and 33, which is an iron post 3 ins. in diam., with brass cap marked and witnessed as described by the Surveyor General. True course and distance of east half, bet. secs. 4 and 33 is therefore N. 89°58'E., 40.07 chs.; of the west half, S. 89°53'E., 40.10 chs.

April 18, 1914

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April 20, 1914.  
At 8h. a.m., l.m.t., I set off 33°59'N. on the lat. arc; 11°23'N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 4, 5, 32 and 33 on south bdy. of Tp., which is an iron post 3 ins. in diam., with brass cap, marked and witnessed as described by the Surveyor General.

40.00 Thence I run, West, on a random line, bet. secs. 5 and 32. Fall 3 lks. north of ¼ sec. cor., which is an iron post 1 in. in diam., with brass cap, marked and witnessed as described by the Surveyor General.

40.08 Set over ¼ sec. cor., and run west on random line, on west half, bet. secs. 5 and 32. Intersect cor. of secs. 5, 6, 31 and 32, which is an iron post 3 ins. in diam., with brass cap, marked and witnessed as described by the Surveyor General.

## 4. Retracement of a portion of South bdy. of T 8 N, R 9 W

Chains.

True course and distance of E half, bet. secs. 5 and 32 is therefore  $N.89^{\circ}57'E.$ , 40.00 chs; of the W. half; east, 40.08 chs.

April 20, 1914.

W. K. K.

Retracement of South bdy. of Township 6 N., R. 13 West.

W.K.K.

May 27, 1914: At the cor. of Ts. 5 and 6 N., Rs. 12 and 13 W., which is a stone  $6 \times 12 \times 10$  ins. above ground, marked and witnessed as described by the Surveyor General. At 9h.a.m., l.m.t. I set off  $33^{\circ}49'N.$  on lat. arc;  $21^{\circ}24'N.$  on decl. arc; and determine a mer. with the solar. Thence I run west on random line, bet. secs. 1 and 36.

40.09 Intersect original  $\frac{1}{4}$  sec. cor. which is a stone  $6 \times 6 \times 6$  ins. above ground, marked and witnessed as described by the Surveyor General.

True course and distance of E. half bet. secs. 1 and 36 is therefore east 40.09 chs.

Set over  $\frac{1}{4}$  sec. cor., and run west on random line on W. half bet. secs. 1 and 36

40.11 Intersect original cor. of secs. 1, 2, 35 and 36, which is a stone  $5 \times 10 \times 5$  ins. above ground, marked and witnessed as described by the Surveyor General.

True course and distance of west half, bet. secs. 1 and 36 is therefore east, 40.11 chs.

West, on a random line, bet. secs. 2 and 35.

40.12 Fall 5 lks. N. of original  $\frac{1}{4}$  sec. cor., which is a stone  $5 \times 8 \times 5$  ins. above ground, marked and witnessed as described by the Surveyor General..

The true course and distance of east half, bet. secs. 2 and 35 is therefore,  $N.89^{\circ}56'E.$ ; 40.12 chs.

Set over  $\frac{1}{4}$  sec. cor., and run west on a random line on west half, bet. secs. 2 and 35.

40.16 Fall 1 link N. of original cor. of secs. 2, 3, 34 and 35, which is a stone  $6 \times 7 \times 5$  ins. above ground, marked and witnessed as described by the Surveyor General.

True course and distance of west half bet. secs. 2 and 35 is therefore,  $N.89^{\circ}59'E.$ ; 40.16 chs.

West, on a random line, bet. secs. 3 and 34.

40.10 Fall 7 lks. S. of original  $\frac{1}{4}$  sec. cor., which is a stone  $6 \times 3 \times 5$  ins. above ground, marked and witnessed as described by the Surveyor General.

The true course and distance of E. half, bet. secs. 3 and 34 is therefore  $S.89^{\circ}54'E.$  40.10 chs. Set over  $\frac{1}{4}$  sec. cor., and run west on random line, on west half bet. secs. 3 and 34.

40.89 Fall 14 lks. S. of original cor. of secs. 3, 4, 33 and 34, which is a stone  $8 \times 6 \times 5$  ins. above ground, marked and witnessed as described by the Surveyor General.

True course and dist. of west half bet. secs. 3 and 34 is therefore  $S.89^{\circ}48'E.$ , 40.89 chs.

West, on a random line, bet. secs. 4 and 33.

39.58 Fall 4 lks. S. of  $\frac{1}{4}$  sec. cor., which is a stone  $6 \times 6 \times 6$  ins. above ground, marked and witnessed as described by the Surveyor General.

Retracement of South bdy. of Township 6 North, Range 13 West. 5.

Chains

True course and dist. of E. half, bet. secs. 4 and 33 is therefore S. 89° 56' E., 39.58 chs.  
 Set over 1/4 sec. cor., and run west on random line, on west half bet. secs. 4 and 33.  
 40.14 Fall 3 lks. S. of cor. of secs. 32, 33, 4 and 5, which is a stone 12x5x4 ins. above ground, marked and witnessed as described by the Surveyor General.  
 True course and distance of west half bet. secs. 4 and 33 is therefore S. 89° 57' E., 40.14 chs.

West, on a random line, bet. secs. 5 and 32.  
 40.09 Fall 1 link N. of original 1/4 sec. cor., which is a stone 6x5x4 ins. above ground, marked and witnessed as described by the Surveyor General.  
 True course and distance of E. 1/2 bet. secs. 5 and 32, is therefore N. 89° 59' E., 40.09 chs.  
 Set over 1/4 sec. cor., and run west on a random line on W. half, bet. secs. 4 and 33.

40.09 Intersect cor. of secs. 5, 6, 31 and 32, which is a stone 10x5x4 ins. above ground, marked and witnessed as described by the Surveyor General.  
 True course and dist. of west half bet. secs. 5 and 32 is therefore east, 40.09 chs.

West, on a random line, bet. secs. 6 and 31.  
 40.10 Fall 1 link south of original 1/4 sec. cor., which is a stone 5x5x3 ins. above ground, marked and witnessed as described by the Surveyor General.  
 True course and dist. of east half, bet. secs. 6 and 31 is therefore S. 89° 59' E. 40.10 chs.  
 Set over 1/4 sec. cor., and run west on random line on west half, bet. secs. 6 and 31.

39.62 Fall 15 lks. N. of original cor. of Ts. 5 and 6 N., Rs. 13 and 14 W., which is a stone 6x4x4 ins. above ground, marked and witnessed as described by the Surveyor General,  
 True course and distance of west half, bet. secs. 6 and 31 is therefore N. 89° 47' E., 39.62 chs.  
 May 27, 1914.  
 "W.K.K."

Resurvey of part of the South bdy. of T. 6 N., R. 13 W.

W.K.K.  
 May 29, 1914:  
 At 7h. am., l.m.t., I set off 33° 49' N. on the lat. arc; 21° 34' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 2, 3, 34 and 35 on south bdy. of Tp., which is a stone 6x7x5 ins. above ground, marked and witnessed as described by the Surveyor General.  
 Thence I run, as per results of retracement, on true lines, as follows:  
 N. 89° 54' W. on east half of S. bdy. of sec. 34.  
 Over level land, through greasewood brush.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished 1/4 sec. cor. to sec. 34, T. 6 N., R. 13 W., with brass cap marked,  
 1/4 S 34 in N. half;  
 1914 in S. rim;



## 6. Resurvey of part of South bdy. of Township 6 N., R. 13 West

Chains.

40.10 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. Continue line and measurement. Intersect original  $\frac{1}{4}$  sec. cor. to secs. 3 and 34, hereinbefore described. I change this  $\frac{1}{4}$  sec. cor. to refer to sec. 3, T. 5 N., R. 13 W. by renewing pits, and moving the mound from north to south of cor.

80.00 Thence I run, N.  $89^{\circ}48'$  W., continuing measurement, Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished cor. to secs. 33 and 34, T. 6 N., R. 13 W., with brass cap, marked,  
 T 6 N R 13 W in N. half;  
 S 33 in NW. and  
 S 34 in NE. quadrants;  
 1914 in S. rim;  
 dig pits 24x24x12 ins. in each sec. 6 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.  
 Land, level.  
 Soil, sandy loam, 2nd rate.  
 Undergrowth, greasewood brush.

.99 N.  $89^{\circ}48'$  W., along the south bdy. of sec. 33. Intersect the original cor. to secs. 3, 4, 33 and 34, which is a stone 8x6x5 ins. above ground, properly marked and witnessed. Change this cor. to refer to secs. 3 and 4, T. 5 N., R. 13 W. only by destroying pits to the north, renewing pits to proper size to the south, and moving the mound from the west to south of cor.

40.00 Thence I run, N.  $89^{\circ}56'$  W., continuing measurement. 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. 33, T. 6 N., R. 13 W., with brass cap marked,  
 $\frac{1}{4}$  S 33 in N. half;  
 1914 in 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. Continue line and measurement.

40.57 Intersect original  $\frac{1}{4}$  sec. cor. to secs. 4 and 33, which is a stone 6x6x6 ins. above ground, properly marked and witnessed. Change this cor. to refer to sec. 4, T. 5 N., R. 13 W. only, by renewing pits, and moving mound from north to south of cor.

80.00 Thence I run, N.  $89^{\circ}57'$  W., continuing measurement. Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished corner of secs. 32 and 33, T. 6 N., R. 13 W., with brass cap marked,  
 T 6 N R 13 W in N. half;  
 S 32 in NW., and  
 S 33 in NE. quadrants;  
 1914 in S. rim;  
 dig pits 24x24x12 ins. in each sec. 6 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.  
 Land, level.  
 Soil, sandy loam, 2nd rate.  
 Undergrowth, greasewood brush.

.71 N.  $89^{\circ}57'$  W., along south bdy. of sec. 32. Intersect original cor. to secs. 4, 5, 32 and 33, which is a stone 12x5x4 ins. above ground, properly marked and witnessed. I change this cor. to refer to secs. 4 and 5, T. 5 N., R. 13 W. only, by destroying pits to the north, renewing pits to proper size to the south, and

Resurvey of part of S. bdy. of Township 6 North, Range 13 West. 7

Chains.

moving mound from west to south of cor.  
 Thence I run,  
 S. 89° 59' W., continuing measurement.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground for reestablished  $\frac{1}{4}$  sec. cor. to sec. 32,  
 T. 6 N., R. 13 W., with brass cap, marked,  
 $\frac{1}{4}$  S 32 in N. half;  
 1914 in 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. Continue line and measurement  
 40.80 Intersect original  $\frac{1}{4}$  sec. cor. to secs. 5 and 32, which  
 is a stone 6x5x4 ins. above ground, properly marked  
 and witnessed. I change this  $\frac{1}{4}$  sec. cor. to refer  
 to sec. 5, T. 5 N., R. 13 W. only, by renewing the pits  
 and moving mound from north to south of cor.  
 Thence I run, west, continuing measurement.  
 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in  
 the ground for reestablished cor. of secs. 31 and 32,  
 T. 6 N., R. 13 W., with brass cap, marked,  
 T 6 N R 13 W in N. half;  
 S 31 in NW., and  
 S 32 in NE. quadrants;  
 1914 in S. rim.  
 dig pits 24x24x12 ins. in each sec. 6 ft. dist., and  
 raise a mound of earth 4 ft. base, 2 ft. high, north of  
 cor.  
 Land, level.  
 Soil, sandy and gravelly, 3rd and 2nd rate mixed.  
 Undergrowth, greasewood brush.

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 West along south bdy. of sec. 31.  
 .89 Intersect original cor. to secs. 5, 6, 31 and 32, which is  
 a stone 10x5x4 ins. above ground properly marked, and  
 witnessed. I change this cor. to refer to secs. 5  
 and 6, T. 5 N., R. 13 W., only, by destroying pits to the  
 north, renewing pits to proper size to the south, and  
 moving the mound from west to the south of cor.  
 Thence I run, N. 89° 59' W., continuing measurement.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground for reestablished  $\frac{1}{4}$  sec. cor. to sec. 31, T.  
 6 N., R. 13 W., with brass cap marked,  
 $\frac{1}{4}$  S 31 in N. half;  
 1914 in 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. Continue line and measurement.  
 40.99 Intersect original  $\frac{1}{4}$  sec. cor. to secs. 6 and 31, which is  
 a stone 5x5x3 ins. above ground, properly marked and  
 witnessed. I change this  $\frac{1}{4}$  sec. cor. to refer to sec.  
 6, T. 5 N., R. 13 W. only, by renewing pits and moving  
 mound from north to south of cor.  
 Thence I run, S. 89° 47' W., continuing measurement.  
 80.61 Intersect original cor. of Ts. 5 and 6 N., Rs. 13 and 14 W.,  
 which is a stone 6x4x4 ins. above ground, marked and  
 witnessed as described by the Surveyor General.  
 Land, level.  
 Soil, gravelly, 3rd rate.  
 Timber, scattering palo verde and mesquite.  
 Undergrowth, greasewood brush.

May 29, 1914.  
 W. J. [Signature]  
 U. S. Transitman.

## 8. Retracement of East bdy. of Township 6 North Range 13 West.

Chains.

W.H.T.

May 27, 1914:

At 9h. a.m., l.m.t., I set off  $33^{\circ} 48\frac{1}{2}'$  N. on lat. arc;  $21^{\circ} 14' 30''$  N. on the decl. arc; and determine a meridian w<sup>g</sup>th the solar at the original cor. of Ts. 5 and 6 N., Rs. 12 and 13 W., which is a granite stone  $6 \times 8 \times 6$  ins. above ground, properly marked and witnessed.

Thence I run, on random line, as follows:

North, bet. secs. 31 and 36.

40.05 Fall 1 link east of the original  $\frac{1}{4}$  sec. cor., which is a stone  $4 \times 4 \times 4$  ins. above ground, properly marked and witnessed.

Thence I run, north on N. half, bet. secs. 31 and 36.

40.02 Fall 1 link east of the original cor. of secs. 25, 30, 31 and 36, which is a stone  $6 \times 8 \times 6$  ins. above ground, properly marked and witnessed.

The true course and distance of south half bet. secs. 31 and 36 is therefore north, 40.05 chs., and of the north half, north 40.02 chs.

North, bet. secs. 25 and 30.

40p01 Fall 10 lks. west of the original  $\frac{1}{4}$  sec. cor., which is a stone  $6 \times 3 \times 3$  ins. above ground, properly marked and witnessed.

Thence I run,

North, on north half, bet. secs. 25 and 30.

40.16 Fall 9 lks. west of the original cor. of secs. 29, 24, 25 and 30, which is a stone  $6 \times 8 \times 6$  ins. above ground, properly marked and witnessed.

The true course and distance of the south half, bet. secs. 25 and 30 is therefore  $N. 0^{\circ} 09' E.$ , 40.01 chs. E. of the north half,  $N. 0^{\circ} 08' E.$ , 40.16 chs.

North, bet. secs. 19 and 24.

40.01 Fall 4 lks. west of the original  $\frac{1}{4}$  sec. cor., which is a stone  $4 \times 6 \times 5$  ins. above ground, properly marked and witnessed.

Thence I run, north on N. half, bet. secs. 19 and 24.

39.96 Fall 4 lks. east of the original cor. of secs. 13, 18, 19 and 24, which is a stone  $3 \times 5 \times 5$  ins. above ground, properly marked and witnessed.

The true course and distance of the south half, bet. secs. 19 and 24 is therefore  $N. 0^{\circ} 03' E.$ , 40.01 chs.; of the north half,  $N. 0^{\circ} 03' W.$ , 39.96 chs.

North, bet. secs. 13 and 18.

39.97 Fall 2 lks. east of the original  $\frac{1}{4}$  sec. cor., which is a stone  $3 \times 8 \times 8$  ins. above ground, properly marked and witnessed.

Thence I run,

North on N. half, bet. secs. 13 and 18.

40.00 Fall 2 lks. east of the cor. of secs. 7, 12, 13 and 18, which is a stone  $3 \times 8 \times 6$  ins. above ground, properly marked and witnessed.

The true course and distance of the south half, bet. secs. 13 and 18 is therefore  $N. 0^{\circ} 02' W.$ , 39.97 chs.; of the north half,  $N. 0^{\circ} 02' W.$ , 40.00 chs.

Retracement of East bdy. of Township 6 North, Range 13 West. 9.

Chains.

39.98 North, bet. secs. 7 and 12.  
 Fall 2 lks. east of the original  $\frac{1}{4}$  sec. cor., which is a stone 6x6x6 ins. above ground, properly marked and witnessed. Thence I run,  
 39.99 North, on north half, bet. secs. 7 and 12.  
 Intersect original cor. of secs. 1, 6, 7 and 12, which is a stone 6x6x6 ins. above ground, properly marked and witnessed.  
 The true course and distance of the south half, bet. secs. 7 and 12 is therefore N. 0° 02' W., 39.98 chs.; the north half, north 39.99 chs.

40.03 North, bet. secs. 1 and 6.  
 Fall 3 lks. E. of the original  $\frac{1}{4}$  sec. cor., which is a stone 6x6x9 ins. above ground, properly marked and witnessed. Thence I run,  
 39.82 North, on north half, bet. secs. 1 and 6.  
 Fall 3 lks. E. of the original cor. of Ts. 6 and 7 N., Rs. 12 and 13 W., which is a stone 6x8x8 ins. above ground, properly marked and witnessed.  
 The true course and dist. of the south half, bet. secs. 1 and 6 is therefore N. 0° 03' W., 40.03 chs.; of the north half, N. 0° 03' W., 39.82 chs.

May 27, 1914.  
W.H.T.

Retracement of Second Standard Parallel North, through part of Range 12 West.

W.H.T.

June 26, 1914: At the Standard cor. of secs. 32 and 33, T. 9 N., R. 12 W., which is an iron post 3 ins. in diam., with brass cap, marked and witnessed, as described by the Surveyor General;  
 At 1h. 30m. p.m., 1.m.t., I set off 34° 04' N. on the lat. arc; 23° 23' N. on the decl. arc, and determine a meridian with the solar. Thence I run,  
 40.16 West, on a random line along the south bdy. of sec. 32. Over level land, through greasewood brush.  
 Intersect Standard  $\frac{1}{4}$  sec. cor., which is an iron post, 1 in. in diam., with brass cap, marked and witnessed as described by the Surveyor General.  
 80.32 Continue line and measurement.  
 Intersect the Stand. cor. of secs. 31 and 32, T. 9 N., R. 12 W., which is an iron post 3 ins. in diam., with brass cap, marked and witnessed as described by the Surveyor General.  
 True course and dist. of east half of south bdy. of sec. 32, T. 9 N., R. 12 W. is therefore W. 40.16 chs.; and of the west half, west 40.16 chs.

40.19 West, on a random line on S. bdy. of sec. 31. Over level land, through greasewood brush.  
 Intersect stand.  $\frac{1}{4}$  sec. cor., which is an iron post, with brass cap, marked and witnessed, as described by the Surveyor General. Continue line and measurement.  
 80.34 Intersect stand. cor. of Ts. 9 N., Rs. 12 and 13 W., which is an iron post 3 ins. in diam., with brass cap, marked and witnessed, as described by the Surveyor General.  
 True course and distance of east half of south bdy. of sec. 31, T. 9 N., R. 12 W. is therefore W. 40.19 chs., and of the west half, west 40.15 chs.

June 26, 1914.

*W.H. Thoreau*  
U. S. Surveyor.



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BOOK 2836

FINAL OATH OF UNITED STATES ~~TRANSITMAN~~

I, W. K. Kierulff, <sup>Transitman</sup> ~~Surveyor~~ U. S. ~~Surveyor~~ do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for Arizona for Group 34 bearing date of the 11th day of February, 1914, 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, <sup>Retraced</sup> ~~resurveyed~~ all those parts or portions of the S. bdy., T. 8 N. R. 8 W. S. bdy., T. 8 N. R. 9 W. and the S. bdy., T. 6 N. R. 13 W. and Resurveyed all those parts or portions of the S. bdy. of T. 6 N., R. 13 W. of the Gila & Salt River Base & Meridian, in the State of Arizona, 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 <sup>re</sup> ~~survey~~ <sup>re</sup> ~~established~~ and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Arizona, for Group 34 and in the specific manner described in the field notes, and that the foregoing are the original field notes of such <sup>retracement and resurvey.</sup> ~~survey.~~

*W. K. Kierulff*  
U. S. ~~Surveyor~~  
Transitman.

Subscribed by said W. K. Kierulff, and sworn to before me }  
this 11 day of Febr, 1914



County Clerk and Ex-Officio Clerk of the Superior Court  
in and for San Bernardino County, State of California  
*J. E. ...*

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

....., 191

The foregoing field notes of the survey of .....

executed by .....  
under his special instructions dated ....., 191 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

.....  
U. S. Surveyor General.

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

.....  
U. S. Surveyor General.



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2014-10-10  
FINAL OATH OF UNITED STATES SURVEYOR.

I, W. H. Thorn, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for Arizona for Group 34 bearing date of the 11th day of February, 1914, 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~~ <sup>Retraced</sup> all those parts or portions of the South boundary of T. 8 N. R. 9 W.  
East boundary of T. 6 N. 13 W. and the  
Second Standard Parallel North, south of  
T. 9 N., R. 12 W.  
of the Gila & Salt River  
Base & Meridian, in the State of Arizona, 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~~ <sup>retracement</sup> have been ~~established and perpetuated~~ <sup>located</sup> in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Arizona, for Group 34 and in the specific manner described in the field notes, and that the foregoing are the original field notes of such ~~survey~~ <sup>retracement</sup>.

W. H. Thorn  
U. S. Surveyor.

Subscribed by said W. H. Thorn, and sworn to before me }  
this 11 day of Febr, 1914

Charles Post,

County Clerk and Ex-Officio Clerk of the Superior Court  
and for San Bernardino County, State of California.

J. E. Alburn Deputy

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix Ariz. DEC 30, 1915

The foregoing field notes of the ~~survey of~~ Retracement of parts of the South boundaries of Townships 8 North, Ranges 8 and 9 West, the South and East bds. (complete) of Township 6 North, Range 13 West and the Second Standard Parallel North, South of secs. 31 and 32 of Township 9 North, Range 12 West, and of the Resurvey of part of the South boundary of Township 6 North, Range 13 West of the Gila and Salt River Base and Meridian, in the State of Arizona

executed by W. K. Kierulff, U. S. Transitman and W. H. Thorn, U. S. Surveyor under ~~the~~ <sup>their</sup> special instructions dated February 11, 1914 for Group 34, ~~191~~, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the ~~retracements and~~ <sup>retracements and</sup> resurveys they describe, are hereby approved.

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

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