

3224

159

Book "B"

4-679

JAN-1-1910

(Standard Lines) BOOK 3224

FIELD NOTES

RE-
OF THE SURVEY OF THE

Second Standard Parallel North, thru. part of R.10 W.,

All of Range 11 West,

Part of Range 12 West,

Third Guide Meridian West, thru. part of T.9 N.,

All of Township 10 North,

Part of Township 11 North,

3rd Standard Parallel North, thru. R.8 W.,

Part of Range 9 West, and

All of Range 10 West,

AND SURVEY OF

3rd Guide Meridian West, thru. part of T.11 N.,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona,

EXECUTED BY

L. E. Wilkes, U. S. Surveyor,

and

H.N. Bradstreet, James C. Hooper & Hugo Price, U.S. Transitmen,

~~In the capacity of U. S. Surveyor~~, under instructions dated July 23, 1914,

issued by the United States Surveyor General to govern surveys included in Group No. 36, which were approved by the Commissioner of the General Land Office, August 15, 1914.

Resurveys & Surveys commenced November 23, 1914.

Resurveys & Surveys completed February, 26, 1917.

Executed under Assignment
Instructions dated

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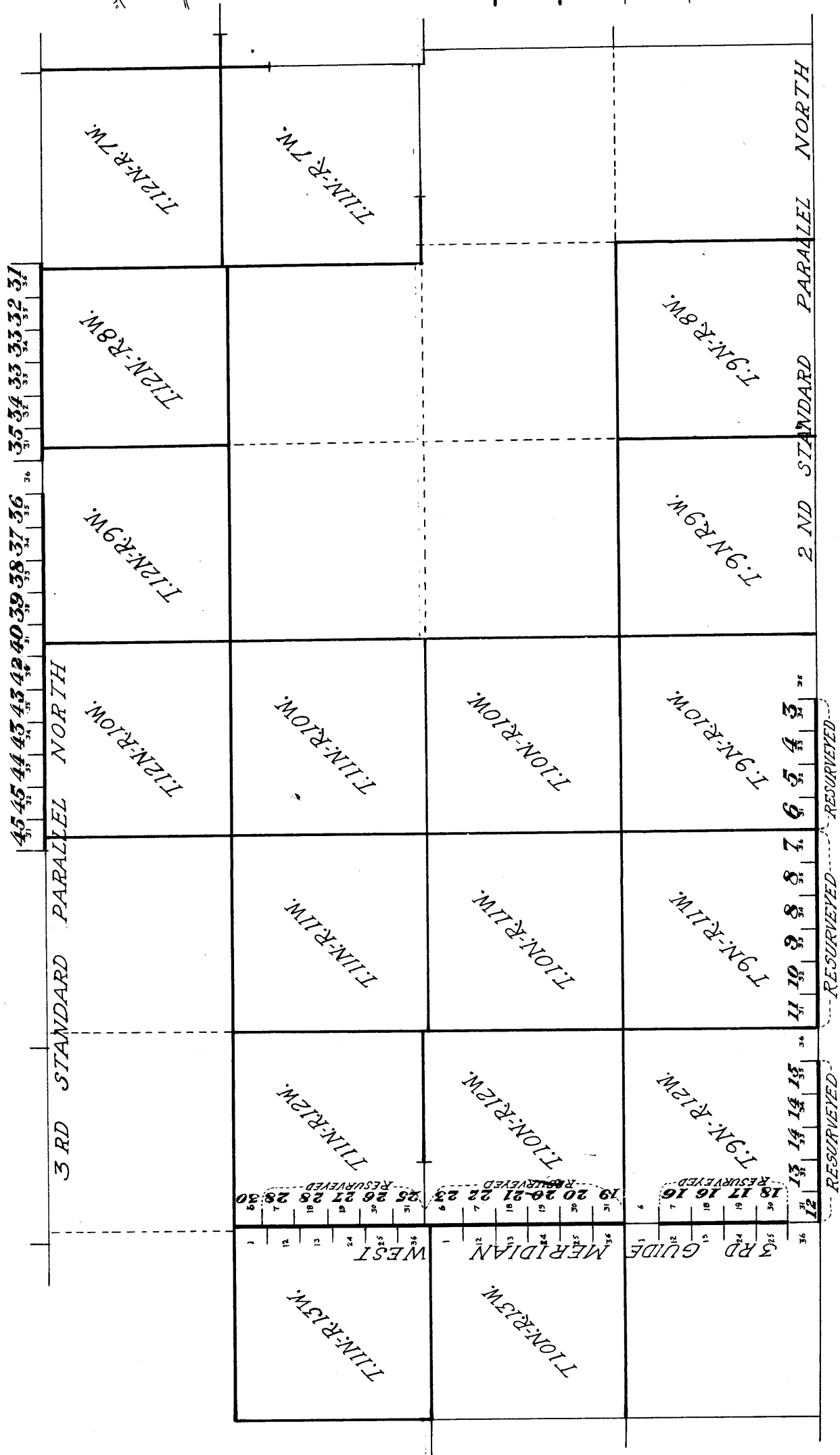
Group 36---Arizona.

See Special Index Diagram.

INDEX DIAGRAM.

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BOOK 3224

DATE "DIAGRAM"

= Book "B" = Group 36 =

ARIZONA

(Standard Lines)

3RD STANDARD PARALLEL NORTH			2ND STANDARD PARALLEL NORTH		
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For list of field assistants see Book 'A'.

Lines dated in black were executed by L. E. WILKES, U.S. Surveyor.

Lines dated in blue were executed by Hugo Price, U.S. Transitman.

Lines dated in red were executed by H. N. Bradstreet, U.S. Transitman.

Lines dated in yellow were executed by James C. Hopper, U.S. Transitman.

Chains.

Retracement, resurvey and survey of Standard lines described in the notes in this book were executed by L.E. Wilkes, U.S. Surveyor, H.N. Bradstreet, James C. Hooper and Hugo Price, U.S. Transitmen, on dates shown on diagrams on page 2 hereof. L.E. Wilkes, U.S. Surveyor used Transit No. 8541, described with record of approval and tests in Book "A." Same instrument was used by James C. Hooper, U.S. Transitman; H.N. Bradstreet, U.S. Transitman, used Transit No. 7084, described with record of approval and tests in Book "A." Hugo Price, U.S. Transitman used Transit No. 8539, described with record of approval and tests in Book "E."

Measurements were made with 5 chain steel tapes, duly tested on a standard tape, and properly adjusted.

Over uneven ground, the clinometer method was used to obtain the necessary corrections to be applied. Initials "L.E.W.", "H.N.B.", "J.C.H." and "H.P." are inserted at the beginning and ending of those portions of the notes describing the respective surveys by L.E. Wilkes, U.S. Surveyor, and H.N. Bradstreet, James C. Hooper and Hugo Price, U.S. Transitmen.

Retracement of 2nd. Std. Par. N. thru. part of Range 10 West.

H.P. In connection with the survey of the Subdivision lines in T. 9 N., R. 10 W., the same being surveyed from N. to S., excessive fallings were obtained on the original standard sec. cors., on the 2nd. Standard Parallel North in the west four tiers of secs.; therefore, make retracement of this portion of the parallel, and then make an independent resurvey of same as no accepted surveys are tied to the standard cors. in this portion of the line. As the moving of the standard cor. of T. 9 N., Rs. 10 and 11 W. would necessitate too radical a change in the surveys already executed under this group, the correction by the resurvey is confined within the south boundaries of secs. 31, 32, 33 and 34 of T. 9 N., R. 10 W.

From original standard cor. of Ts. 9 N., Rs. 10 and 11 W., East, on random line on S. bdy. of sec. 31.

- 37.04 Fall 10 lks. N. of original standard $\frac{1}{2}$ sec. cor. Continue line, but measuring from $\frac{1}{2}$ sec. cor. on E. half of S. bdy. of sec. 31.
- 39.82 Fall 2 lks. N. of original standard cor. of secs. 31 and 32. Continue line, but measuring from sec. cor. on W. half of S. bdy. of sec. 32.
- 40.00 Fall 5 lks. N. of original standard $\frac{1}{2}$ sec. cor. Continue line, but measuring from $\frac{1}{2}$ sec. cor. on E. half of S. bdy. of sec. 32.
- 40.08 Fall 1 lk. S. of original standard cor. of secs. 32 and 33. Continue line, but measuring from sec. cor. on W. $\frac{1}{2}$ of S. bdy. of sec. 33.
- 39.55 Fall 7 lks. S. of original standard $\frac{1}{2}$ sec. cor. Continue line, but measuring from $\frac{1}{2}$ sec. cor. on E. half of S. bdy. of sec. 33.
- 39.80 Fall 1 lk. S. of original standard cor. of secs. 33 and 34. Continue line, but measuring from sec. cor. on W. half of S. bdy. of sec. 34.
- 39.98 Fall 1 lk. S. of original standard $\frac{1}{2}$ sec. cor. Continue line, but measuring from $\frac{1}{2}$ sec. cor. on E. half of S. bdy. of sec. 34.
- 39.82 Intersect original standard cor. of secs. 34 and 35.

H.P.

Independent Resurvey of 2nd. Std. Parallel North, thru. part of Range 10 West.

H.P.

From original standard cor. of secs. 34 and 35, a 3 in. iron post, 12 ins. above ground, firmly set, with brass cap, marked and witnessed as described by the surveyor general,
West, on true line, on S. bdy. of sec. 34.

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4 Independent Resur. 2nd. Std. Par. N., thru. part of Range 10 West.

Chains

- Over mountainous land, thru. scattering brush. Ascend 115 ft.
- 4.50 Top of spur, slopes S. Descend 180 ft.
- 12.90 Wash, 30 lks. wide, course SE.
- 18.50 Wash, 30 lks. wide, course SE. Ascend 175 ft.
- 25.88 Top of small peak, brs. NW. and SE. Descend 25 ft.
- 30.87 Foot of descent; ascend 107 ft.
- 35.60 Top of spur, slopes S. Descend 83 ft.
- 39.82 Original standard $\frac{1}{4}$ sec. cor. brs. N. 1 lk. dist., a 1 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stones, and at
- 40.00 Reestablish the standard $\frac{1}{4}$ sec. cor. of sec. 34, by resetting the original iron post, supported by mound of stone, and marked on brass cap,

S C
 $\frac{1}{4}$ S 34

1911

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Ascend 95 ft.

- 64.47 Top of small spur, slopes S. Descend 52 ft.
- 75.30 Wash, 20 lks. wide, course SW. Ascend 57 ft. to
- 79.80 Original standard cor. of secs. 33 and 34, brs. N. 1 lk. dist., a 3 in. iron post with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at
- 80.00 Reestablish the standard cor. of secs. 33 and 34, by resetting the original iron post, 20 ins. in the ground, supported by mound of stone, and marked on brass cap,

S C
 T9 N R10W
 S33 | S34

1911

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Land, mountainous.

Soil, rocky, 4th rate.

No timber.

Undergrowth, scattering catclaw, cactus and mesquite, 4 to 6 ft. high.

- West, on true line on S. bdy. of sec. 33.
- Over mountainous land, thru. scattering brush. Ascend 575 ft., over SE. slope.
- 30.35 Top of ridge, brs. NE. and SW. Descend 118 ft. over NW. slope.
- 35.54 Small wash, course SE. Ascend 57 ft., over SE. slope to
- 39.60 Original standard $\frac{1}{4}$ sec. cor. brs. N. 7 lks. dist., a 1 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at
- 40.00 Reestablish the standard $\frac{1}{4}$ sec. cor. of sec. 33 by resetting the original iron post, supported by mound of stone, and marked on brass cap,

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

1911

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Independent Resur. 2nd. Std. Par. N., thru part of Range 10 West. 5

- Chains
- Ascend 345 ft., over SE. slope.
 - 51.80 Top of ridge, brs. NE. and SW. Descend 225 ft., over rocky cliff.
 - 55.46 Foot of cliffs. Descend 230 ft. to
 - 75.57 Wash, 20 lks. wide, course SE. Ascend 115 ft., over SE. slope.
 - 79.15 Original standard cor. of secs. 32 and 33, brs. N. 1 lk. dist., a 3 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at
 - 80.00 Reestablish the standard cor. of secs. 32 and 33 by resetting the original iron post, 15 ins. in the ground, supported by a mound of stone, marked on brass cap,

S C	
T9N	R10W
S32	S33

1911

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Land, mountainous.

Soil, rocky, 4th rate.

No timber.

Undergrowth, scattering catclaw, cactus and greasewood, 4 to 6 ft. high.

- West, on true line, on S. bdy. of sec. 32.
- Over mountainous land, through scattering brush.
- Ascend 297 ft., over broken SE. slope to
- 15.15 Wash, 30 lks. wide, course SE. Ascend 139 ft., over E. slope to
- 21.52 Top of spur, slopes SE. Descend 261 ft., over S. and SE. slope to
- 39.23 Original standard $\frac{1}{2}$ sec. cor. brs. S. 5 lks. dist., a 1 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at
- 40.00 Reestablish the standard $\frac{1}{2}$ sec. cor. of sec. 32, by resetting the original iron post, 16 ins. in the ground, supported by a mound of stone, and marked on brass cap,

S C	
S32	S32

1911

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

- Ascend 26 ft., over broken SE. slope.
- 49.03 East edge of canyon brs. NW. and SE. Descend 140 ft.
- 52.03 Wash, 30 lks. wide, course SE. in bottom of canyon. Ascend 200 ft.
- 56.77 West edge of canyon, brs. NW. and SE. Ascend 20 ft.
- 62.73 Top of ascent, brs. NW. and SE. Descend 30 ft.
- 67.71 Foot of descent. Ascend 55 ft.
- 72.38 Top of ascent, brs. NW. and SE. Descend 60 ft.
- 79.23 Original standard cor. of secs. 31 and 32 brs. S. 2 lks. dist., a 3 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at
- 80.00 Reestablish the standard cor. of secs. 31 and 32, by resetting the original iron post, 20 ins. in the ground, supported by mound of stone, marked on brass cap,

S C	
T9 N	R10W
S31	S32

1911

6. Independent Resur. 2nd. Std. Par. N., thru part of Range 10 West.

Chains.

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Land, mountainous.

Soil, rocky, 4th rate.

No timber.

Undergrowth, scattering catclaw, mesquite, cactus and greasewood.

West, on a true line on S. bdy. of sec. 31. Over mountainous land, through scattering brush.

Ascend 323 ft. over broken SE. slope to

18.84 Descend 60 ft. to

25.76 Wash, 20 lks. wide, course SE.

Ascend 414 ft., over broken SE. slope, to

39.05 Original standard 1/4 sec. cor., brs. S. 10 lks. dist., a 1 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at

40.00 Reestablish the standard 1/4 sec. cor. of sec. 31, by resetting the original iron post, 24 ins. in the ground, marked on brass cap,

S C
1/4 S 31

1911

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Ascend 154 ft., over broken SE. slope, to

49.77 Top of ridge, brs. NE. and SW.

Descend 257 ft., over broken NW. slope.

68.13 Foot of descent. Head of gulch, course NW. Ascend 70 ft. to

76.09 Intersect the original standard cor. of Ts. 9 N., Rs. 10 and 11 W., a 3 in. iron post, with brass cap, marked and witnessed, as described by the surveyor general.

Land, mountainous.

Soil, rocky, 4th rate.

No timber.

Undergrowth, scattering scrub oak, catclaw and cactus. H.P.

Retracement of 2nd. Std. Par. North, thru. Range 11 West.

H.N.B.

Survey of Subdivision lines in T. 9 N., R. 11 W., develops excessive error in original measurement of the 2nd. Standard Parallel North; therefore, since no accepted surveys are tied to the original standard cors. on the parallel in R. 11 W., make retracement and independent resurvey of the line correcting the error between the original standard Tp. cors., as hereinafter described.

From original standard cor. of Ts. 9 N., Rs. 11 and 12 W., a 3 in. iron post with brass cap, marked and witnessed, as described by the surveyor general,

East, on random line on S. bdy. of sec. 31.

40.14 Fall 5 lks. S. of original standard 1/4 sec. cor.

Continue line, but measuring from 1/4 sec. cor. on E. half of S. bdy. of sec. 31.

39.97 Fall 6 lks. S. of original standard sec. cor.

Continue line but measuring from sec. cor. on W. 1/2 of S. bdy. of sec. 32.

39.76 Fall 11 lks. S. of original standard 1/4 sec. cor.

Continue line, but measuring from 1/4 sec. cor. on E. 1/2 of S. bdy. of sec. 32.

39.80 Fall 23 lks. S. of original standard 1/4 sec. cor.

Continue line, but measuring from sec. cor. on W. half of S.

Retracement of 2nd. Std. Par. N., thru. Range 11 West.

Chains

- bdy. of sec. 33.
- 39.98 Fall 28 lks. S. of original standard $\frac{1}{2}$ sec. cor. Continue line, bet. measuring from $\frac{1}{2}$ sec. cor. on E. half of S. bdy. of sec. 33.
- 39.75 Fall 32 lks. S. of original atand. sec. cor. Continue line, bet. measuring from sec. cor. on W. half of S. bdy. of sec. 34.
- 39.73 Fall 36 lks. S. of original stand. $\frac{1}{2}$ sec. cor. Continue line, but measuring from $\frac{1}{2}$ sec. cor. on E. half of S. bdy. of sec. 34.
- 40.09 Fall 39 lks. S. of true point for original standard sec. cor., witnessed by iron post, 1.00 ch. west. Continue line, but measuring from $\frac{1}{2}$ sec. cor. on W. half of S. bdy. of sec. 35.
- 39.88 Fall 44 lks. S. of original standard $\frac{1}{2}$ sec. cor. on E. $\frac{1}{2}$ of S. bdy. of sec. 35.
- 38.91 Fall 43 lks. S. of original standard sec. cor. Continue line; but measuring from sec. cor. on W. half of S. bdy. of sec. 36.
- 39.78 Fall 52 lks. S. of original standard $\frac{1}{2}$ sec. cor. Continue line, but measuring from $\frac{1}{2}$ sec. cor. on E. half of S. bdy. of sec. 36.
- 39.67 Fall 56 lks. S. of original standard cor. of Ts. 9 N., Rs. 10 and 11 W.
True course and length of the 2nd. Standard Parallel North through Range 11 West is therefore S. 89° 56' W., 477.46 chs.

H.N.B.

Independent Resurvey 2nd. Std. Par. N. thru. Range 11 West.

H.N.B.

- From original standard cor. of Ts. 9 N., Rs. 10 and 11 W., a 3 in. iron post, with brass cap, marked and witnessed as described by the surveyor general, S. 89° 56' W. on true line, on S. bdy. of sec. 36. Over mountainous land, through scattering brush. Ascend 100 ft. on NE. slope.
- 6.80 Top of spur, slopes N. Descend 100 ft.
- 10.70 Gulch, course N. Ascend 50 ft.
- 14.00 Top of spur, slopes N. Thence over N. slope.
- 24.00 Top of spur, slopes NW. Descend 160 ft.
- 31.78 Gulch, 10 lks. wide, course NW. Ascend 110 ft.
- 36.50 Top of spur, slopes NW. Descend 90 ft. to
- 39.67 Original standard $\frac{1}{2}$ sec. cor. brs. S. 1 lk. dist., a 1 in. iron post, with brass cap, marked and witnessed, as described by the surveyor general. Remove post, destroy the mound of stone, and at
- 40.00 Reestablish the standard $\frac{1}{2}$ sec. cor. of sec. 36, by resetting the original iron post, 26 ins. in the ground, marked on brass cap,

S C
 $\frac{1}{4}$ S 36'

1911

- and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.
- Descend 60 ft. to
- 45.00 Gulch, 12 lks. wide, course NW. Ascend 150 ft.
- 56.75 Top of spur, slopes NW. Descend 120 ft. over SW. slope.
- 60.85 Gulch, 12 lks. wide, course NW. Ascend 150 ft., over E. slope.
- 67.75 Top of spur, slopes N. Descend 240 ft., over SW. slope.
- 73.80 Gulch, 20 lks. wide, course NW., and continue descent.
- 79.45 Original standard cor. of secs. 35 and 36, brs. S. 5 lks. dist., a 3 in. iron post with brass cap, marked and witnessed as described by the surveyor general. Remove post,

8 Independent Resur. of 2nd Std Bar North, thru Range 11 West.

Chains.

80.00 destroy mound of stone, and at
Reestablish the standard cor. of secs. 35 and 36, by resetting the original iron post, 24 ins. in the ground, marked on brass cap,

S C	
T9N	R11W
S35	S36

1911

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Land, mountainous.

Soil, rocky, with scanty loam, 3rd rate.

Undergrowth, scattering palo verde, scrub oak and cactus.
No timber.

S. 89° 56' W. on true line on S. bdy. of sec. 35.
Over mountainous land, through scattering brush.
Descend 200 ft.

5.25 Bottom of canyon, course N. Ascend 660 ft.
28.30 Top of ridge, brs. NW. and SE. Descend 70 ft. to
38.36 Original standard $\frac{1}{2}$ sec. cor. brs. N. 1 lk. dist., a 1 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at
40.00 Reestablish standard $\frac{1}{2}$ sec. cor. of sec. 35, by resetting original iron post, 26 ins. in the ground, marked on brass cap,

S C	
$\frac{1}{2}$ S	35

1911

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Descend 575 ft.

71.00 Enter gulch, 25 lks. wide, course W. from NE. Thence down same.
78.24 Point for original standard cor. of secs. 34 and 35, brs. N. 1 lk. dist., witnessed 1.00 ch. W. by a 3 in. iron post, with brass cap, marked and witnessed, as described by surveyor general. Remove post and destroy mound of stone.
79.45 Leave gulch, course SW. from E. Ascend 35 ft. to
80.00 Reestablish standard cor. of secs. 34 and 35, by resetting the iron post originally set as W.C., 24 ins. in the ground, marked on brass cap,

S C	
T 9N	R11W
S34	S35

1911

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Land, mountainous.

Soil, rocky, with scanty loam, 4th rate.

Undergrowth, scattering palo verde, scrub oak and cactus.
No timber.

S. 89° 56' W., on a true line, on S. bdy. of sec. 34.
Over mountainous land, through scattering brush.
Ascend 30 ft.

Independent Resur. of 2nd Standard Par. North, through Range 11 West. 9

- Chains
- 5.30 Top of spur, slopes S. Descend 50 ft.
- 17.70 Gulch, 10 lks. wide, course SW. Ascend 125 ft.
- 33.40 Top of spur, slopes S. Descend 120 ft.
- 38.33 Original standard $\frac{1}{4}$ sec. cor. brs. N. 2 lks. dist., a 1 in. iron post with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of earth, and at
- 40.00 Reestablish the standard $\frac{1}{4}$ sec. cor. of sec. 34, by resetting original iron post 26 ins. in the ground, marked on brass cap,

S C
 1/4 S 34

1911

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Descend 75 ft. to

- 43.50 Head of gulch, course SW. Ascend 135 ft.
- 49.60 Top of ridge, brs. N. and S. Descend 380 ft.
- 61.10 Gulch, 10 lks. wide, course NW. Ascend 40 ft.
- 68.20 Top of spur, slopes N. Descend 90 ft.
- 78.06 Original standard cor. of secs. 33 and 34, a 3 in. iron post with brass cap, marked and witnessed as described by the surveyor general, brs. N. 4 lks. dist. Remove post and destroy mound of stone.
- Descend.
- 80.00 Point for reestablishment of standard cor. of secs. 33 and 34, falls in inaccessible place; therefore, at
- 80.10 Reset the original iron post 26 ins. in the ground for witness cor. to reestablished cor. of secs. 33 and 34, marked on brass cap,

S C
 T9N R11W
 S33 S34

WC

1911

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Land, mountainous.

Soil, rocky with scattering loam, 4th rate.

Undergrowth, scattering palo verde and cactus.

No timber.

S. 89° 56' W., on a true line on S. bdy. of sec. 33, measuring from true point for reestablished standard sec. cor. of secs. 33 and 34.

Over mountainous land, through scattering brush.

Descend 350 ft. over N. slope.

- 0.10 Witness cor. to reestablished standard cor. of secs. 33 and 34, hereinbefore described.
- 14.60 Wash, in gulch, 20 lks. wide, course NW. Ascend.
- 18.40 Cliff, 30 ft. high, brs. NW. and SE. Continue ascent from top of same.
- 20.60 Wash, 6 lks. wide, course N. Ascend.
- 25.60 Top of spur, slopes N. Descend.
- 37.87 Original standard $\frac{1}{4}$ sec. cor. brs. N. 5 lks. dist., a 1 in. iron post, with brass cap, marked and witnessed, as described by the surveyor general. Remove post, destroy mound of stone, and at
- 40.00 290 ft. below top of spur, reestablish the standard $\frac{1}{4}$ sec. cor. of sec. 33 by resetting the original iron post, 18 ins. in the ground, supported by a mound of stone, and marked on brass cap,

S C
 1/4 S 33

1911

Independent Resur. 2nd Standard Par. N., through Range 11 West.

Chains.

- and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Descend 325 ft.
- 55.50 Wash, 15 lks. wide, course NW. Ascend 40 ft.
- 64.50 Top of spur, slopes NW. Descend 100 ft.
- 75.90 Old road brs. NE. and SW.
- 76.20 Wash, 40 lks. wide, course NW.
- 77.79 Original standard cor. of secs. 32 and 33, brs. N. 4 lks. dist., a 3 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post and destroy the mound of stone.
- 78.20 Wash, 40 lks. wide, course NE. Ascend 225 ft. to
- 80.00 Reestablish the standard cor. of secs. 32 and 33 by resetting the original iron post, 24 ins. in the ground, marked on brass cap,

S C
T 9N R11W
S32 | S33
1911

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Land, mountainous.
Soil, rocky, with scanty loam, 4th rate.
Undergrowth, scattering palo verde and cactus.
No timber.

- S. 39° 56' W., on a true line, on S. bdy. of sec. 32.
Over mountainous land, through scattering brush.
Ascend 200 feet.
- 5.60 Top of rocky point, slopes S. Thence over broken S. slope.
- 12.00 Top of rocky point, slopes S. Descend 200 feet.
- 26.90 Wash, 8 lks. wide, course NW. Ascend 60 ft.
- 30.80 Ridge, brs. N. and S. Descend.
- 37.59 Original standard $\frac{1}{4}$ sec. cor., brs. S. 4 lks. dist., a 1 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at
- 40.00 115 ft. below ridge, reestablish the standard $\frac{1}{4}$ sec. cor. of sec. 32, by resetting the original iron post, 26 ins. in the ground, marked on brass cap,

S C
4S 32

1911

- and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.
- Descend 85 ft.
- 50.40 Wash, 30 lks. wide, course N. Ascend 90 ft.
- 56.70 Top of spur, slopes N. Descend 25 ft.
- 60.00 Wash, 5 lks. wide, course NE. Ascend 70 ft.
- 66.70 Top of rocky spur, slopes NW. Descend 200 ft. over SW. slope.
- 76.85 Wash, 15 lks. wide, course NW. Ascend.
- 77.35 Original standard cor. of secs. 31 and 32, brs. S. 4 lks. dist., a 3 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at
- 80.00 Reestablish standard cor. of secs. 31 and 32 by resetting original iron post, 24 ins. in the ground, marked on brass cap,

S C
T 9 N R11W
S31 | S32

1911

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Independent Resurvey 2nd Standard Par.N., through Range 11 West.

Chains.

Land, mountainous.
Soil, rocky with scanty loam, 4th rate.
Undergrowth, scattering greasewood, palo verde and cactus.
No timber.

- 10.60 Top of rocky ridge brs.NE. and SW. Descend 250 ft.
- 29.70 Gulch, 30 lks.wide, course NW.; ascend.
- 37.32 Intersect original standard $\frac{1}{4}$ sec.cor., a 1 in.iron post, with brass cap, marked and witnessed, as described by the surveyor general. Remove post, destroy mound of stone, and at
- 40.00 Reestablish standard $\frac{1}{4}$ sec.cor. of sec.31, by resetting original iron post, 26 ins. in the ground, marked on brass cap,

S C
 $\frac{1}{4}$ S 31

1911

- and raise a mound of stone, 3 ft.base, 2 ft. high,N. of cor,
 - Descend 100 ft.to
 - 47.40 Wash, 6 lks.wide, course NW. Thence over rolling land.
 - 64.00 Wash, 12 lks.wide, course NW.
 - 67.70 Wash, 10 lks.wide, course NW.
 - 77.46 Intersect original standard cor.of Ts.9 N. Rs.11 and 12 W., a 3 in.iron post, with brass cap, marked and witnessed, as described by the surveyor general.
- Land, mountainous and rolling.
Soil, shallow loam on rocky subsoil, 4th rate.
Undergrowth, scattering palo verde and cactus.
No timber.

H.N.B.

BOOK 3224

1219. Retracement of 2nd. Std. Par. North, thru. Range 12 West.

Chains.

- L.E.W.
Prior to subdivision of T.9 N., R.12 W., make retracement of the 2nd. standard Parallel North, through Range 12 West, as follows:
From original standard cor. of Ts. 9 N., Rs. 11 and 12 W., West, on random line on S. bdy. of sec. 36.
- 40.19 Fall $\frac{1}{2}$ lk. N. of original standard $\frac{1}{4}$ sec. cor.
Continue line, but measuring from $\frac{1}{4}$ sec. cor. on W. $\frac{1}{2}$ of S. bdy. of sec. 36.
- 40.19 Fall $\frac{1}{2}$ lk. N. of original standard sec. cor.
Continue line, but measuring from sec. cor. on E. $\frac{1}{2}$ of S. bdy. of sec. 35.
- 40.19 Fall 1 lk. S. of original standard $\frac{1}{4}$ sec. cor.
Continue line but measuring from $\frac{1}{4}$ sec. cor. on W. $\frac{1}{2}$ of S. bdy. of sec. 35.
- 40.22 Intersect original standard sec. cor.
Continue line but measuring from sec. cor. on E. $\frac{1}{2}$ of S. bdy. of sec. 34.
- 40.11 Fall 1 lk. N. of original standard $\frac{1}{4}$ sec. cor.
Continue line, but measuring from $\frac{1}{4}$ sec. cor. on W. $\frac{1}{2}$ of S. bdy. of sec. 34.
- 40.19 Fall 4 lks. S. of original standard sec. cor.
Continue line but measuring from sec. cor. on E. $\frac{1}{2}$ of S. bdy. of sec. 33.
- 40.18 Intersect original standard $\frac{1}{4}$ sec. cor.
Continue line but measuring from $\frac{1}{4}$ sec. cor. on W. $\frac{1}{2}$ of S. bdy. of sec. 33.
- 40.15 Intersect original standard $\frac{1}{4}$ sec. cor.
Continue line but measuring from $\frac{1}{4}$ sec. cor. on E. $\frac{1}{2}$ of S. bdy. of sec. 32.
- 40.15 Fall 1 lk. N. of original standard $\frac{1}{4}$ sec. cor.
Continue line but measuring from $\frac{1}{4}$ sec. cor. on W. $\frac{1}{2}$ of S. bdy. of sec. 32.
- 40.17 Fall 2 lks. S. of original standard sec. cor.
Continue line but measuring from sec. cor. on E. $\frac{1}{2}$ of S. bdy. of sec. 31.
- 40.17 Fall 3 lks. N. of original standard $\frac{1}{4}$ sec. cor.
Continue line, but measuring from $\frac{1}{4}$ sec. cor. on W. $\frac{1}{2}$ of S. bdy. of sec. 31.
- 40.15 Intersect original standard cor. of Ts. 9 N., Rs. 12 and 13 W. L.E.W.

Independent Resurvey of 2nd. Standard Par. N. thru. part of
Range 12 West.

- L.E.W.
From the preceding retracement, it is found that the S. bdy. of sec. 36 is within allowable limits in length and alignment, but that the accumulation of error in measurement will cause misclosure in the west five tiers of secs. of the subdivisions of T.9 N., R.12 W.; therefore make resurvey of the S. bdrs. of secs. 31, 32, 33, 34 and 35, as follows:
From original standard cor. of Ts. 9 N., Rs. 12 and 13 W., which is a 3 in. iron post, with brass cap, marked and witnessed as described by the surveyor general,
East, on true line, on S. bdy. of sec. 31.
Over rolling land, through scattering brush.
- 6.40 Road brs. N. to Alamo and S. to Wenden.
- 26.80 Enter wash, 100 lks. wide, course N. 60° W. from E.
- 39.60 Leave wash, course west from S. 60° E.
- 40.15 Original standard $\frac{1}{4}$ sec. cor., brs. S. 3 lks. dist., a 1 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at
- 41.68 (360.00 chs. W. of original standard cor. of secs. 35 & 36)
Reestablish the standard $\frac{1}{4}$ sec. cor. of sec. 31, by resetting the original iron post, 26 ins. in the ground, marked on brass cap,

Independent Resurvey of 2nd. Standard Parallel N. thru. part of R12W. 13

Chains.

S C
1/4 S 31

1911

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

- 53.00 Wash, 40 lks. wide, course SW.
- 69.47 Intersect original closing cor. of secs. 5 and 6 of T. 8 N., R. 12 W., a 2 in. iron post, with brass cap, marked and witnessed as described by the surveyor general.
- 80.32 Original standard cor. of secs. 31 and 32, brs. N. 2 lks. dist., a 3 in. iron post, with brass cap, marked and witnessed by the surveyor general. Remove post, destroy mound of stone, and at
- 81.68 Reestablish the standard cor. of secs. 31 and 32, by resetting the original iron post, 24 ins. in the ground, marked on brass cap;

S C
T9 N R12W
S31 | S32

1911

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Land, rolling.
Soil, coarse sandy loam, with gravelly subsoil, 3rd rate. Undergrowth, scattering greasewood, mesquite and catclaw. No timber.

East, on true line, on S. bdy. of sec. 32,
Over rolling land, through scattering brush.

- 4.20 Road brs. NE. and SW.
- 38.81 Original standard 1/4 sec. cor. brs. S. 1 lk. dist., a 1 in. iron post with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone and at,
- 40.00 Reestablish the standard 1/4 sec. cor. of sec. 32, by resetting the original iron post, 26 ins. in the ground, marked on brass cap,

S C
1/4 S 32

1911

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

- 67.79 Intersect original closing cor. of secs. 4 and 5 of T. 8 N., R. 12 W., a 2 in. iron post, with brass cap, marked and witnessed, as described by the surveyor general.
- 78.96 Intersect original standard cor. of secs. 32 and 33, a 3 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at
- 80.00 Reestablish the standard cor. of secs. 32 and 33, by resetting the original iron post 24 ins. in the ground, marked on brass cap,

S C
T9 N R12W
S32 | S33

1911

14 Independent Resur. 2nd Std. Par. N., thru ^{part of} Range 12 West.

Chains.

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Land, rolling.

Soil, coarse sandy and gravelly, with gravelly subsoil, 3rd rate.

Undergrowth, scattering greasewood, palo verde and mesquite.

No timber.

East, on true line, on S bdy. of sec. 33.

Over rolling land, through scattering brush.

37.40 Wash, 10 lks. wide, course N. 30° W.

39.11 Intersect original standard $\frac{1}{4}$ sec. cor., a 1 in. iron post with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at

40.00 Reestablish standard $\frac{1}{4}$ sec. cor. of sec. 33 by resetting the original iron post 26 ins. in the ground,

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

1911

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

55.55 Wash, 15 lks. wide, course NW.

79.29 Original standard sec. cor., brs. N. 4 lks. dist., a 3 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at

80.00 Reestablish the standard cor. of secs. 33 and 34 by resetting the original iron post, 24 ins. in the ground, marked on brass cap,

S C
T9N R12W
S33 | S34

1911

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Land, rolling, gradual NW. slope.

Soil, rocky and gravelly, 3rd rate.

Undergrowth, scattering greasewood, palo verde and cactus.

No timber.

East, on true line, on S bdy. of sec. 34.

Over rolling land, through scattering brush.

33.40 Road brs. NE. and SW.

39.48 Original standard $\frac{1}{4}$ sec. cor., brs. S. 1 lks. dist., a 1 in. iron post with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at

40.00 Reestablish standard $\frac{1}{4}$ sec. cor. of sec. 34, by resetting orig iron post, 26 ins. in the ground, marked on brass cap,

S C
 $\frac{1}{4}$ S 34

1911

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Land, rolling gradual NW. slope.

Soil, rocky and gravelly, 3rd rate.

Independent Resurvey 2nd. Std. Par. N. mthru: part of Range 12 West. 15

Chains.

- 52.80 Wash, 10 lks.wide, course NW.
- 79.59 Intersect original standard sec.cor., a 3 in.iron post, with brass cap, marked and witnessed, as described by the surveyor general. Remove post; destroy mound of stone, and at
- 80.00 Reestablish standard cor.of secs. 34 and 35, by resetting original iron post 24 ins. in the ground, marked on brass cap,

S C
T 9N R12W
S34 | S35

1911

and raise a mound of stone 3 ft.base, 2 ft.high, N.of cor. Land, rolling gentle NW.slope.
Soil, scanty loam on rocky subsoil, 3rd rate.
Undergrowth, scattering palo verde, greasewood and cactus.
No timber.

- 1.10 Wash, 10 lks.wide, course N.
- 39.81 Original standard $\frac{1}{4}$ sec.cor.brs.N.1 lk.dist., a 1 in.iron post with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at
- 40.00 Reestablished standard $\frac{1}{4}$ sec.cor. of sec.35, by resetting original iron post 26 ins.in the ground, marked on brass cap,

S C
 $\frac{1}{4}$ S 35

1911

- 54.70 Wash, 10 lks.wide, course NW.
 - 80.00 Intersect original standard cor.of secs.35 and 36, a 3 in. iron post with brass cap, marked and witnessed as described by the surveyor general.
- Land, rolling gradual NW.slope.
Soil, scanty loam, on rocky subsoil, 4th rate.
Undergrowth, scattering palo verde, greasewood and cactus.
No timber. L.E.W.

RETRACEMENT 3RD.GUIDE MER.W, THRU. PART OF T. 9 NORTH.

L.E.W.

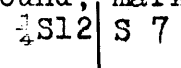
- In the connection of the Subdivision lines of T.9 N., R.12 W.to the west bdy.of said township (3rd.Guide Meridian W.)the fallings of the random sec.lines bet.secs.30 and 31, and bet.secs.6 and 7 indicate a satisfactory closing of secs.31 and 6, but the fallings of the other random lines of the west tier of secs.indicates that an excessive error exists in the Guide Meridian West of secs.7, 18, 19 and 30; therefore, make retracement of this portion of the line as follows:
- From original cor.of secs.25, 30, 31 and 36, North, on random line, bet. secs.25 and 30.
 - 40.11 Fall 11 lks.E.of original $\frac{1}{4}$ sec.cor.
Continue line, but measuring from $\frac{1}{4}$ sec.cor.on N. $\frac{1}{2}$, bet. secs.25 and 30.
 - 40.06 Fall 07 lks.E.of original sec.cor.
Continue line, but measuring from sec.cor.on S.half, bet. secs.19 and 24.
 - 40.08 Fall 10 lks. east of original $\frac{1}{4}$ sec.cor.
Continue line, but measuring from $\frac{1}{4}$ sec.cor. on N. $\frac{1}{2}$ bet. secs.19 and 24.
 - 40.08 Fall 14 lks.E.of original sec.cor.
Continue line but measuring from sec.cor.on S. $\frac{1}{2}$, bet.secs. 13 and 18.
 - 40.07 Fall 18 lks.E.of original $\frac{1}{4}$ sec.cor.
Continue line, but measuring from $\frac{1}{4}$ sec.cor.on N. $\frac{1}{2}$ bet. secs.13 and 18.

16. Retracement of 3rd. Guide Meridian West, thru. part of T9N.

Chains.
 40.02 Fall 21 lks. E. of point for original sec. cor., as determined by the witness cor. to same, which brs. N. 1.00 ch. dist. Continue line, but measuring from sec. cor. point on S. $\frac{1}{2}$ bet. secs. 7 and 12.
 39.97 Fall 23 lks. E. of original $\frac{1}{4}$ sec. cor. Continue, but measuring from $\frac{1}{4}$ sec. cor. on N. half, bet. secs. 7 and 12.
 39.61 Fall 28 lks. E. of original cor. of secs. 1, 6, 7 and 12. True course and length of line back to original cor. of secs. 25, 30, 31 and 36 is therefore S. 0° 3' E., 320.00 chs. L.E.W.

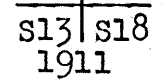
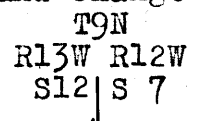
INDEPENDENT RESURVEY OF 3RD. GUIDE MER. WEST, THRU. PART OF T9N L.E.W.

From original cor. of secs. 1, 6, 7 and 12, which is a 3 in. iron post, with brass cap, 12 ins. above ground, firmly set, marked and witnessed, as described by the surveyor general, S. 0° 3' E. (as per results of retracement) on true line, bet. secs. 7 and 12. Over mountainous land, through scattering brush. Ascend 55 ft.
 2.20 Top of ridge, brs. NW and SE. Descend.
 39.61 Original $\frac{1}{4}$ sec. cor. brs. E. 1 lk. dist., a 1 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at
 40.00 (480.00 ft. below top of ridge) reestablish the $\frac{1}{4}$ sec. cor. of secs. 7 and 12 by resetting the original iron post, 26 ins. in the ground, marked on brass cap,



1911

and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.
 Ascend gradually over NE. slope.
 46.60 Top of spur, slopes NE. Descend 60 ft. to
 51.00 Wash, 10 lks. wide, course SE. Thence over rolling land.
 78.58 Intersect original witness cor. to cor. of secs. 7, 12, 13 and 18, a 3 in. iron post, with brass cap, marked and witnessed, as described by the surveyor general. Remove post, destroy mound of stone, and obliterate markings on the bearing trees.
 79.15 Wash, 50 lks. wide, course SE.
 80.00 Reestablish the cor. of secs. 7, 12, 13 and 18, by resetting the iron post previously set as witness cor., 24 ins. in the ground, and change markings on brass cap to read:



1911

and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor. Land, mountainous and rolling. Soil, rocky with scanty loam, 4th rate. Undergrowth, scattering greasewood, palo verde and cactus. No timber.

S. 0° 3' E., on true line, bet. secs. 13 and 18. Over rolling land, through scattering brush. Descend over gradual S. slope.
 14.50 Wash, 10 lks. wide, course S. 20° W.
 39.60 Original $\frac{1}{4}$ sec. cor. brs. W. 1 lk. dist., a 1 in. iron post with brass cap, marked and witnessed as described by the surveyor general. Remove post, and at
 40.00 Reestablished the $\frac{1}{4}$ sec. cor. of secs. 13 and 18, by resetting the original iron post 26 ins. in the ground, marked on brass cap,

Independent Resurvey of 3rd. Guide Mer. W., thru. part of T.9 N. 17

Chains.

1/4 S13 | S18

1911

from which the original bearing trees,

A palo verde, 8 ins. in diam., brs. N. 6 1/4 ° W., 260 lks. dist., marked 1/4 S 13 B T., and

A palo verde, 8 ins. in diam., brs. S. 64 ° E., 96 lks. dist., marked 1/4 S 18 B T.

58.00 Draw, drains S. 15 ° E.

79.67 Intersect original cor. of secs. 13, 18, 19 and 24, a 3 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at

80.00 Reestablish the cor. of secs. 13, 18, 19 and 24, by resetting the original iron post, 24 ins. in the ground, marked on brass cap,

T9N
R13W | R12W
S13 | S18

S24 | S19
1911

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of corl

Land, rolling, gradual S. slope.

Soil, rocky with scanty loam, 3rd rate.

Undergrowth, scattering greasewood, palo verde and cactus.

No timber.

S. 0 ° 3' E., on true line, bet. secs. 19 and 24.

Over rolling land, through scattering brush.

18.00 Wash, 20 lks. wide, course S. 70 ° W.

25.60 Wash, 20 lks. wide, course S. 60 ° W.

29.00 Road brs. N. 75 ° E. to Alamo, and S. 75 ° W. to Wenden.

39.75 Intersect original 1/4 sec. cor., a 1 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of earth, fill the pits, and at

40.00 Reestablish the 1/4 sec. cor. of secs. 19 and 24, by resetting the original iron post, 26 ins. in the ground, marked on brass cap,

1/4 S24 | S19

1911

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

69.60 Wash, 10 lks. wide, course NW.

79.83 Intersect original cor. of secs. 19, 24, 25, and 30, a 3 in. iron post, with brass cap, marked and witnessed, as described by the surveyor general. Remove post, destroy mound of earth, fill the pits, and at

80.00 Reestablish the cor. of secs. 19, 24, 25 and 30, by resetting the original iron post 24 ins. in the ground, marked on brass cap,

T9N
R13W | R12W
S24 | S19

S25 | S30

1911

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.

18 Independent Resurvey of 3rd Guide Mer. W. thru part of T. 9 N.

- Chains. Soil, sandy and gravelly, 3rd rate.
Undergrowth, scattering greasewood, palo verde and cactus.
No timber.
-
- S. 0° 3' E., on true line, bet. secs. 25 and 30.
Over level and gently rolling land, thru scattering brush.
- 39.89 Original $\frac{1}{4}$ sec. cor. brs. W. 8 lks. dist., a 1 in. iron post with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound, fill the pits, and at
- 40.00 Reestablish the $\frac{1}{4}$ sec. cor. of secs. 25 and 30, by resetting the original iron post 26 ins. in the ground, marked on brass cap,
- $\frac{1}{4}$ S25 | S30
1911
- Dig pits 18x18x12 ins., N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 77.80 Wash, 30 lks. wide, course N. 60° W.
- 80.00 Intersect the original cor. of secs. 25, 30, 31 and 36, a 3 in. iron post, with brass cap, marked and witnessed as described by the surveyor general.
Land, level and gently rolling.
Soil, sandy and gravelly, 3rd rate.
Undergrowth, scattering greasewood, palo verde and cactus,
No timber.

L.E.W.

Retracement 3rd. Guide Mer. West, through Township 10 North.

- H.N.B.
The west tier of secs. in T. 10 N., R. 12 W., failing to close within limits by connection with the original sec. cors. on the 3rd. Guide Meridian West, make retracement of such line, through T. 10 N., as follows:
From true point for original cor. of Ts. 9 and 10 N., Rs. 12 and 13 W., witnessed by iron post, 1.60 chs. South, as described by the surveyor general,
- 38.60 North, on random line, bet. secs. 31 and 36.
Fall 2 lks. E. of original $\frac{1}{4}$ sec. cor.
Continue line, but measuring from $\frac{1}{4}$ sec. cor., on N. $\frac{1}{2}$, bet. secs. 31 and 36.
- 39.83 Fall 3 lks. E. of original sec. cor.
Continue line, but measuring from sec. cor. on S. $\frac{1}{2}$ bet. secs. 25 and 30.
- 51.30 Fall 8 lks. E. of original $\frac{1}{4}$ sec. cor.
Continue line, but measuring from $\frac{1}{4}$ sec. cor. on N. $\frac{1}{2}$ bet. secs. 25 and 30.
- 39.86 Fall 5 lks. E. of original $\frac{1}{4}$ sec. cor.
Continue line but measuring from sec. cor. on S. $\frac{1}{2}$ bet. secs. 19 and 24.
- 40.00 Fall 3 lks. E. of original $\frac{1}{4}$ sec. cor.
Continue line, but measuring from $\frac{1}{4}$ sec. cor. on N. $\frac{1}{2}$, bet. secs. 19 and 24.
- 39.77 Fall 4 lks. E. of original sec. cor.
Continue line, but measuring from sec. cor. on S. $\frac{1}{2}$ bet. secs. 13 and 18.
- 39.98 Fall 1 lk. E. of original $\frac{1}{4}$ sec. cor.
Continue line but measuring from $\frac{1}{4}$ sec. cor. on N. $\frac{1}{2}$ bet. secs. 13 and 19.
- 40.11 Fall 1 lk. E. of original sec. cor.
Continue line but measuring from sec. cor. on S. $\frac{1}{2}$ bet. secs. 7 & 12.
- 40.45 Fall 6 lks. E. of original $\frac{1}{4}$ sec. cor.
Continue line, but measuring from $\frac{1}{4}$ sec. cor. on N. $\frac{1}{2}$, bet. secs. 7 & 12.
- 40.30 Fall 8 lks. E. of original sec. cor.
Continue line but measuring from sec. cor. on S. $\frac{1}{2}$, bet. secs. 1 & 6.
- 40.29 Fall 10 lks. E. of original $\frac{1}{4}$ sec. cor.

Retracement 3rd. Guide Mer. W., through Township 10 North. 19

Chains.

Continue line, but measuring from $\frac{1}{4}$ sec. cor. on N. $\frac{1}{2}$ bet. secs. 1 and 6.

40.07 Fall 14 lks. E. of original cor. of Ts. 10 and 11 N., Rs. 12 and 13 W.

True course and length of line bet. Tp. cors. is therefore N. $0^{\circ} 1'$ W., 490.56 chs.

It being evident from the preceding retracement that several excessive errors in distance bet. original cors. exists, and as there are no accepted surveyed lines connected to such cors., such errors are corrected by means of an independent resurvey of the line thru. T. 10 N., as hereinafter described.

H.N.B.

Independent Resur. 3rd. Guide Mer. W., thru. Township 10 N.

H.N. B.

From true point for original cor. of Ts. 9 and 10 N., Rs. 12 and 13 W., witnessed 1.60 chs. S. by iron post, with brass cap, marked and witnessed as described by the surveyor general,

N. $0^{\circ} 1'$ W., on true line, bet. secs. 31 and 36.

Over mountainous land, through scattering brush.

Ascend 210 ft., over broken SE. slope.

17.10 Top of ridge, brs. NE. and SW. Descend 75 ft.

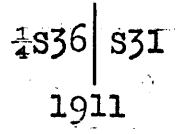
26.70 Wash, 10 lks. wide, course NE. Ascend 70 ft. over S. slope.

28.80 Top of spur, slopes E. Descend 70 ft. over N. slope.

32.80 Wash, 20 lks. wide, course SE. Ascend.

38.60 Original $\frac{1}{4}$ sec. cor. brs. W. 1 lk. dist., a 1 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at

40.00 120 ft. above wash, reestablish the $\frac{1}{4}$ sec. cor. of secs. 31 and 36, by resetting the original iron post, 26 ins. in the ground, marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

Ascend 220 ft., over SE. slope.

51.85 Saddle in top of ridge, brs. E. and W. Descend 340 ft.

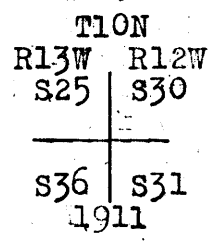
67.70 Wash, 30 lks. wide, course NE. Ascend 20 ft.

68.50 Top of spur, slopes E. Descend 20 ft.

69.50 Wash, 50 lks. wide, course NE. Ascend.

78.53 Original cor. of secs. 25, 30, 31 and 36 brs. W. 1 lk. dist., a 3 in. iron post, with brass cap, marked & witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at

80.00 320 ft. above wash, reestablish the cor. of secs. 25, 30, 31 and 36, by resetting the original iron post, 24 ins. in the ground, marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.

Soil, rocky, with scanty loam, 4th rate.

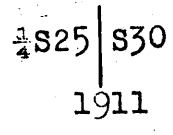
Undergrowth, scattering palo verde and cactus.

No timber.

20. Independent Result of 3rd Guide Mer. West, through Tp. 10 North.

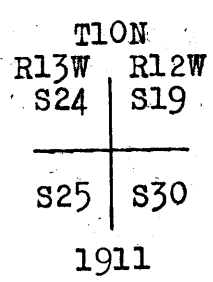
Chains.

- N.0°1' W., on true line, bet. secs.25 and 30.
- Over mountainous land, through scattering brush.
- Ascend 200 ft.
- 10.50 Top of ridge, brs.E.and W. Descend 330 ft.
- 23.50 Wash, 20 lks.wide, course E. Ascend 140 ft.
- 28.00 Top of ridge, brs.E and W. Descend 170 ft.
- 36.15 Wash, 10 lks.wide, course SE. Ascend.
- 40.00 Reestablish the $\frac{1}{4}$ sec.cor.of secs.25 and 30 by removing the original iron post hereinafter described, and re-setting same 26 ins. in the ground, marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

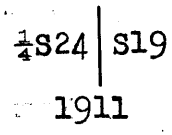
- Ascend 65 ft.
- 42.80 Top of ridge, brs.E.and W. Descend.
- 49.73 Original location of $\frac{1}{4}$ sec.cor. brs.W. 4 lks.dist., Mound of stone destroyed, and iron post 3 ft.long, 1 in. in diam., with brass cap, marked as described as described by the surveyor general. Removed and reset as described above.
- 53.20 Wash, 5 lks.wide, course NW. 230ft. below ridge. Ascend 75 ft.
- 60.60 Top of rocky spur, slopes SE. Descend 360 ft.to wash.
- 68.50 Top of rocky spur, slopes NE. Continue descent.
- 77.20 Wash, 10 lks.wide, course NE. Descend 25 ft.to
- 80.00 Reestablish the cor.of secs.19,24,25 and 30, by removing the original iron post hereinafter described, and re-setting the same, 24 ins. in the ground, marked on brass cap,



and raise a mound of stone 3 ft.base, 2 ft.high, W*of cor.

Land, mountainous.
 Soil, rocky with scanty loam, 4th rate.
 Undergrowth, scattering greasewood, palo verde and cactus.
 No timber.

- N.0°1' W., on a true line, bet. secs.19 and 24.
- Over mountainous land, through scattering brush.
- Descend over NE.slope.
- 9.59 Intersect original location of cor.of secs.19,24,25 and 30, mound of stone destroyed, and iron post 3 ft.long, 3 ins. in diam., with brass cap, marked and witnessed as described by the surveyor general, removed and reset as hereinbefore described.
- 21.15 Wash, 5 lks.wide, course E., 265 ft. below reestablished sec.cor. Ascend 20 ft.
- 30.15 Top of low ridge, brs.NE.and SW. Descend 125 ft.to
- 40.00 Reestablish the $\frac{1}{4}$ sec.cor. of secs.19 and 24 by removing the original iron post, hereinafter described, and re-setting it 26 ins. in the ground, marked on brass cap,

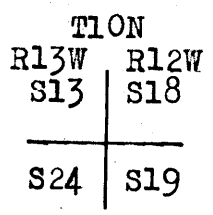


and raise a mound of stone, 3 ft.base, 2 ft.high, W.of cor.

Independent Resurvd. Guide Mer. West, through Township 10 North. 21

Chains.

- 49.59 Original location of 1/4 sec. cor. brs. E. 3 lks. dist. Mound of stone destroyed and iron post 3 ft. long, 1 in. in diam., with brass cap, marked and witnessed as described by the surveyor general, removed and reset as hereinbefore described.
- 52.45 Wash, 10 lks. wide, course E. 120 ft. below reestablished 1/4 sec. cor. Ascend 85 ft. over SE. slope.
- 64.60 Top of ridge, brs. SW. and NW. Descend 145 ft. to
- 74.15 Top of spur, slopes NE. Descend 100 ft. to
- 80.00 Reestablished the cor. of secs. 13, 18, 19 and 24, by removing the original iron post hereinafter described, and resetting same, 24 ins. in the ground, marked on brass cap,



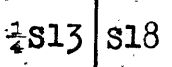
1911

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.
Soil, rocky, with scanty loam, 4th rate.
Undergrowth, scattering greasewood, palo verde, and cactus.
No timber.

N. 0° 1' W., on true line, bet. secs. 13 and 18.
Over mountainous land, through scattering brush; descend.

- 1.40 Wash, 10 lks. wide, course NE.
- 9.36 Intersect original location of cor. of secs. 13, 18, 19 and 24. Mound of stone destroyed, and iron post 3 ft. long 3 ins. in diam., with brass cap, marked and witnessed as described by the surveyor general, removed and reset as hereinbefore described.
- 21.90 Wash, 20 lks. wide, course NW. 120 ft. below reestablished sec. cor. Ascend.
- 23.30 Top of low spur slopes W. Descend.
- 24.45 Same wash as at 21.90 chs. station, course NE.
- 39.02 Wash, 30 lks. wide, course NE.
- 40.00 Reestablish the 1/4 sec. cor. of secs. 13 and 18 by removing the iron post hereinafter described and resetting same 26 ins. in the ground, marked on brass cap,



1911

and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

- 41.70 Same wash as at 39.02 ch. station, course NW.
- 49.34 Original location of 1/4 sec. cor. brs. E. E. 7 lks. dist. Mound of stone, destroyed and iron post 3 ft. long, 1 in. in diam. with brass cap, marked and witnessed as described by the surveyor general, removed and reset as hereinbefore described.
- 54.05 Wash, 8 lks. wide, course NW. Ascend 60 ft.
- 63.75 Top of ridge, brs. NW. and SE. Descend 140 ft. over E. slope.
- 77.90 Wash, 30 lks. wide, course NW. Ascend 30 ft. over W. slope.
- 80.00 Point for the reestablished cor. of secs. 7, 12, 13 and 18 falls on steep rocky surface where it is impracticable to set cor. therefore continue N. 0° 1' W., and at
- 80.10 Remove the iron post originally set for cor. of secs. 7, 12, 13 and 18, and reset it at this point, 24 ins. in the ground, for witness cor. to reestablished cor. of secs. 7, 12, 13 and 18, marked on brass cap,

Independent Resurvey 3rd Guide Mer. West, through Township 10 N. Chains.

T10N
R13W R12W
S12 | S 7

W | C
S13 | S18
1911

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.

Soil, rocky with scanty loam, 4th rate.

Undergrowth, scattering greasewood, palo verde and cactus.

No timber.

From true point for reestablished cor. of secs. 7, 12, 13 and 18,

N. 0° 1' W. on true line, bet. secs. 7 and 12.

Over rolling land, through scattering brush.

0.10 Witness cor. to reestablished cor. of secs. 7, 12, 13 and 18, hereinbefore described.

9.45 Original location of cor. of secs. 7, 12, 13 and 18, brs. E. 9 lks. dist. Mound of stone destroyed, and iron post 3 ft. long, 3 ins. in diam., with brass cap, marked as described by the surveyor general, removed and reset as a witness cor., as hereinbefore described.

22.85 Wash, 10 lks. wide, course NW. Ascend

40.00 Reestablish the $\frac{1}{4}$ sec. cor. of secs. 7 and 12, by removing the original iron post hereinafter described and re-setting same 26 ins. in the ground, marked on brass cap,

$\frac{1}{4}$ S12 | S 7
1911

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

47.50 Top of low ridge, brs. NW. and SE. Descend.

49.90 Original location of $\frac{1}{4}$ sec. cor., brs. E. 5 lks. dist. Mound of stone destroyed and iron post 3 ft. long, 1 in. in diam., with brass cap, marked and witnessed as described by the surveyor general, removed and reset as hereinbefore described.

52.50 Wash, 8 lks. wide, course NW.

57.00 Enter wash, course N. from SW.

62.75 Leave wash, course NE. from S.

78.10 Wash, 20 lks. wide, course NW.

80.00 Reestablish the cor. of secs. 1, 6, 7, and 12, by removing the original iron post, hereinafter described, and re-setting the same, 24 ins. in the ground, marked on brass cap,

T10N
R13W R12W
S 1 | S 6

S12 | S 7
1911

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, rolling.

Soil, rocky and coarse, sandy, 4th rate.

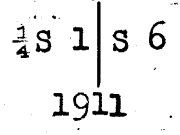
Undergrowth, scattering greasewood, palo verde and cactus.

No timber.

Independent Resur. 3rd. Guide Meridian West, through Township 10 North 23

Chains

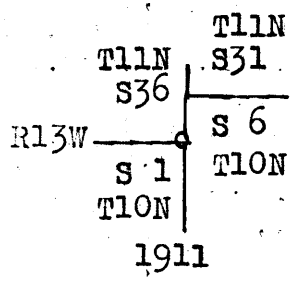
- N.0° 1'W., on true line, bet. secs.1 and 6.
Over rolling land, through scattering brush.
- 2.50 Wash, 5 lks.wide, course NW
- 10.20 Original location of cor.of secs.1,6,7 and 12, brs.E.4
lks.dist. Mound of stone destroyed, and iron post 3 ft.
long, 3 ins. in diam., with brass cap, marked
as described by the surveyor general, removed and
reset as hereinbefore described.
- 33.50 Wash, 12 lks.wide, course NE
- 40.00 Reestablish the $\frac{1}{4}$ sec.cor. of secs.1 and 6 by removing
the original iron post hereinafter described, and re-
setting it 26 ins. in the ground, marked on brass cap,



- and raise a mound of stone 3 ft. base, 2 ft.high,W.of
cor.
- 46.50 Junction of washes, one from SW.and one from SE. Thence
down wash, course N.
- 48.50 Leave wash, course NE.
- 50.49 Original location of $\frac{1}{4}$ sec.cor. brs. E. 3 lks.dist. De-
stroyed mound of stone, and removed and reset as here-
inbefore described. the 1 in. iron post 3 ft.long,
with brass cap, marked and witnessed as described by
the surveyor general.
- 58.25 Wash, 25 lks.wide, course NW.
- 74.30 Wash, 10 lks.wide, course NE.

H.N.B.

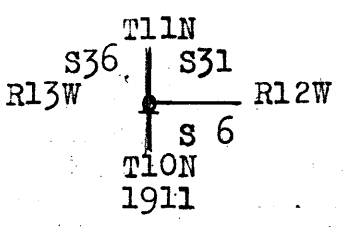
- L.E.W.
- 80.00 Reestablish the cor.of Ts.10 and 11 N.,Rs.13 W., by set-
ting an iron post 3 ft.long, 3 ins.in diam., 24 ins.
in the ground, marked on brass cap,



and raise a mound of stone 3 ft.base, 2 ft.high,W.of
cor.

L.E.W.

- H.N.B.
- 90.56 Intersect original cor.of Ts.10 and 11 N.,Rs.12 and 13 W.,
a 3 in.iron post with brass cap, marked as described
by surveyor general. Reestablish this cor.to refer
to Ts. 10 and 11 N., R.12 W. only by changing the mark-
ings on brass cap to read,



from which the original bearing trees,
A palo verde, 8 ins.in diam., brs.N.62 $\frac{1}{2}$ °W.,115
lks.dist., marked T 11 N R 13 W S 36 B T., and
A palo verde, 9 ins. in diam., brs.S.25 $\frac{3}{4}$ °E.,91
lks.dist., marked T 10 N R 12 W S 6 B T.

Move the mound of stone 2 ft.base, 1 $\frac{1}{2}$ ft. high from S to
E.of cor., increasing the size of mound to 3 ft.base,
2 ft.high.

Land, rolling.

Soil, sandy and rocky, 4th rate.

24. Independent Resurvey 3rd Guide Mer.W., thru Township 10 North Chains.

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

No timber.

H. N.B.

Retracement of 3rd Guide Mer.W., through part of T.11 N.

J.C.H.

From reestablished cor. of Ts. 10 and 11 N., R. 12 W. (originally cor. of 4 townships, but changed as hereinbefore described) which is 10.56 chs. N. 0° 1' W. from reestablished cor. of Ts. 10 and 11 N., R. 13 W. hereinbefore described; retrace the 3rd Guide Mer.W. on the W. of T. 11 N., R. 12 W., as follows:

- North, on random line, on W. bdy. of sec. 31.
- 29.44 (40.00 chs. N. of cor. of Ts. 10 and 11 N., R. 12 W.) Set temp. $\frac{1}{4}$ sec. cor. of sec. 36.
- 40.12 The $\frac{1}{4}$ sec. cor. originally established for secs. 31 and 36, but now referring to sec. 31 only, brs. west 7 lks. dist. True course and dist. of S. $\frac{1}{2}$ of W. bdy. of sec. 31 is therefore N. 0° 6' W., 40.12 chs.
- Thence,
North, on random line, on N. $\frac{1}{2}$ of W. bdy. of sec. 31.
- 29.32 (40.00 chs. N. of temp. $\frac{1}{4}$ sec. cor. of sec. 36) Set temp. cor. of secs. 25 and 36.
- 40.11 The cor. originally established for cor. of secs. 25, 30, 31 and 36, but now referring to secs. 30 and 31 only, brs. west, 5 lks. dist. True course and dist. of N. $\frac{1}{2}$ of W. bdy. of sec. 31 is therefore N. 0° 4' W., 40.11 chs.

From cor. of secs. 30 and 31,

- North on random line on west bdy. of sec. 30.
- 29.21 (40.00 chs. N. of temp. cor. of secs. 25 and 36) Set temp. $\frac{1}{4}$ sec. cor. of sec. 25.
- 39.96 The $\frac{1}{4}$ sec. cor. originally established for secs. 25 and 30, but now referring to sec. 30 only, brs. west 5 lks. dist. True course and dist. of S. half of W. bdy. of sec. 30 is therefore N. 0° 4' W., 39.96 chs.
- Thence,
North, on random line, on N. $\frac{1}{2}$ of W. bdy. of sec. 30.
- 29.25 (40.00 chs. N. of temp. $\frac{1}{4}$ sec. cor. of sec. 25) Set temp. cor. of secs. 24 and 25.
- 40.15 The cor. originally established for cor. of secs. 19, 24, 25 and 30, but now referring to secs. 19 and 30 only, brs. east 2 lks. dist. True course and dist. of N. $\frac{1}{2}$ of W. bdy. of sec. 30 is therefore N. 0° 2' E., 40.15 chs.

J.C.H.

H.P.

- From cor. of secs. 19 and 30,
North, on random line on W. bdy. of sec. 19.
- 25.00 Find no trace of original witness cor. to secs. 19 and 24. This point now being in the bed of the Bill Williams River, the cor. has probably been washed away.
- 95.57 Fall 1 lk. W. of witness cor. originally established to refer to cor. of secs. 13, 18, 19 and 24. True course and dist. of line from cor. of secs. 19 and 30 to the W.C. is therefore north 95.57 chs.
- From W.C. continuing measurement on W. bdy. of sec. 18.
- 109.10 (120.00 chs. N. of temp. cor. of secs. 24 and 25) Set temp. $\frac{1}{4}$ sec. cor. of sec. 13.
- 120.18 Intersect $\frac{1}{4}$ sec. cor. originally established for secs. 13 and 18, but now referring to sec. 18 only. True course and dist. of line from cor. of secs. 19 and 30 to this cor. is therefore north 120.18 chs.; therefore,

Retracement 3rd. Guide Meridian W., thru. part of T.11 N. 25

Chains.

by proportion, the course and dist. of S. $\frac{1}{2}$ of W bdy. of sec. 18, and the N. $\frac{1}{2}$ and S. $\frac{1}{2}$ of W. bdy. of sec. 19 is north 40.06 chs. for each.

From $\frac{1}{4}$ sec. cor.,

28.92 North, on random line on N. $\frac{1}{2}$ of W bdy. of sec. 18. (40.00 chs. N. of temp. $\frac{1}{4}$ sec. cor. of sec. 13) Set temp. cor. of secs. 12 and 13.

39.98 Intersect the cor. originally established for cor. of secs. 7, 12, 13 and 18, but now referring to secs. 7 and 18 only.

True course and dist. of N. $\frac{1}{2}$ of W. bdy. of sec. 18 is therefore north 39.98 chs.

From cor. of secs. 7 and 18,

28.94 North, on random line, on W. bdy. of sec. 7. (40.00 chs. N. of temp. cor. of secs. 12 and 13) Set temp. $\frac{1}{4}$ sec. cor. of sec. 12.

40.03 Fall 3 lks. E. of $\frac{1}{4}$ sec. cor. originally established for secs. 7 and 12, but now referring to sec. 7 only.

True course and dist. of S. $\frac{1}{2}$ of W. bdy. of sec. 7 is therefore N. 0° 3' W., 40.03 chs.

Thence,

28.91 North, on random line on N. $\frac{1}{2}$ of W. bdy. of sec. 7. (40.00 chs. N. of temp. $\frac{1}{4}$ sec. cor. of sec. 12) Set temp. cor. of secs. 1 and 12.

39.79 Fall 1 lk. E. of cor. originally established for secs. 1, 6, 7 and 12, but now referring to secs. 6 and 7 only.

True course and dist. of N. $\frac{1}{2}$ of W. bdy. of sec. 7 is therefore N. 0° 1' W., 39.79 chs.

H.P.

Resurvey of 3rd. Guide Meridian West, thru. part of T.11 N.

J.C.H.

From reestablished cor. of Ts. 10 and 11 N., R. 13 W., hereinbefore described, resurvey the 3rd Guide Mer. W., east of T. 11 N., R. 13 W., as follows:

N. 0° 1' W. on E. bdy. of sec. 36.

Over rolling land, through scattering brush.

10.56 The reestablished cor. of Ts. 10 and 11 N., R. 12 W., hereinbefore described.

Thence, as per results of retracements hereinbefore described, continuing measurement.

N. 0° 6' W.

20.25 Wash, 30 lks. wide, course NW.

36.55 Wash, 20 lks. wide, course W.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor. of sec. 36, marked on brass cap,

$\frac{1}{4}$ S36 |

1915

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

45.50 Wash, 100 lks. wide, course NW.

50.68 (40.12 chs. N. 0° 6' W. of reestablished cor. of Ts. 10 and 11 N., R. 12 W.) Intersect original $\frac{1}{4}$ sec. cor., which is an iron post, with brass cap, marked and witnessed as described by the surveyor general. Reestablish as $\frac{1}{4}$ sec. cor. of sec. 31, by obliterating markings referring to sec. 36, and by moving mound of stone from W. to E. of cor.

Thence N. 0° 4' W., continuing measurement.

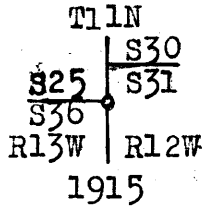
56.06 Wash, 150 lks. wide, course NW.

67.80 Wash, 100 lks. wide, course NW.

26. Resurvey of 3rd. Guide Mer. W., through part of T. 11 N.

Chains

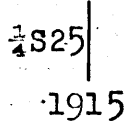
- 76.36 Wash, 200 lks. wide, course NW.
- 79.26 Road brs. NE. and SW.
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished cor. of secs. 25 and 36, marked on brass cap,



and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, rolling.
 Soil, rocky, with scanty loam, 3rd and 4th rate.
 Undergrowth, greasewood, palo verde and cactus, 4 to 6 ft. high.
 No timber.

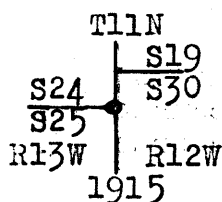
N. 0°4' W. on E bdy. of sec. 25.
 Over rolling land, through scattering brush:

- 0.73 Wash, 20 lks. wide, course W.
- 2.33 Road brs. E. and W.
- 10.79 (40.11 chs. N. 4' W. of reestablished $\frac{1}{4}$ sec. cor. of sec. 31), intersect cor. of secs. 30 and 31, which is an iron post, with brass cap, marked and witnessed for 4 secs. as described by the surveyor general. Reestablish as cor. of secs. 30 and 31 by obliterating markings on cap, referring to area west of line, and by moving mound of stone from W. to E. of cor.
 Continue line and measurement.
- 23.50 Road brs. NW. and SE.
- 38.18 Wash, 30 lks. wide, course NW.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor. of sec. 25, marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.

- 50.75 (39.96 chs. N. 0°4' W. of reestablished cor. of secs. 30 and 31) Intersect original $\frac{1}{4}$ sec. cor., which is an iron post, with brass cap, marked and witnessed for two secs., as described by the surveyor general. Reestablish as $\frac{1}{4}$ sec. cor. of sec. 30 only by obliterating markings on cap, referring to sec. 25, and by moving the mound of stone from W. to E. of cor.
 Thence N. 0°2' E., continuing measurement.
- 58.30 Wash, 40 lks. wide, course NW. Leave rolling land; enter level land, cut by small washes, course NW., there being 10 washes each about 10 lks. in width, crossing the line between this point, and
- 75.02 Leave the series of washes. Thence over level land, through dense brush.
- 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 24 and 25, marked on brass cap,



Chains.

from which,

A mesquite, 15 ins. in diam., brs. S. 33 1/2° W., 10 lks. dist., marked T11N R13W S25B T.

A mesquite, 16 ins. in diam., brs. N. 7 1/2° W., 136 lks. dist., marked T11N R13W S24BT.

Land, rolling and level.

Soil, sandy loam, 1st rate on level portion, and rocky, 3rd rate on rolling portion.

Undergrowth, greasewood, mesquite, palo verde and cactus, 4 to 6 ft. high.

Timber, scattering mesquite and cottonwood.

N. 0° 2' E., on E. bdy. of sec. 24.

Over level land, thru. dense brush and scattering timber.

0.10 Fence brs. N. 10° E. and S. 10° W.

4.90 Road brs. NE. and SW.

9.80 Road brs. N. 30° E. and S. 30° W.

10.90 (40.15 chs. N. 0° 2' E. of reestablished 1/4 sec. cor. of sec. 30), Intersect cor. of secs. 19 and 30, which is an iron post, with brass cap, marked and witnessed for four secs., as described by the surveyor general. Reestablish as cor. of secs. 19 and 30, by obliterating markings on cap, referring to area west of line, and by moving mound of stone from W. to E. of cor.

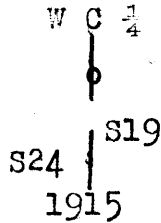
J.C.H.

H.P.

Thence north, continuing measurement.

24.85 Center of wash, 5.70 chs. wide, course W.

34.65 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for witness cor. to reestablished 1/4 sec. cor. of secs. 19 and 24, marked on brass cap,



35.30 and raise a mound of stone, 3 ft. base, 2ft. high, W of cor. Left bank Bill Williams river, brs. NE. and SW. Thence over dry bed of same, course SW.

40.00 True point for reestablishment of 1/4 sec. cor. of sec. 24, falls in dry bed of Bill Williams river. (Witness cor. hereinbefore described, brs. S. 5° 35' chs. dist.)

43.20 South bank of island, brs. NE. and SW. Thence across island subject to overflow.

50.96 (40.06 chs. N. of reestablished cor. of secs. 19 and 30), true point for reestablishment of 1/4 sec. cor. of sec. 19 falls on island, but as the island is subject to overflow, do not set iron post here. (Witness cor. hereinbefore described brs. S. 16.31 chs. dist.)

55.03 North bank of island, brs. NE. and SW. Thence over dry river bed, course SW.

80.00 True point for reestablishment of cor. of secs. 13 and 24 falls in bed of Bill Williams river. Unsafe to set iron post. Witness cor. to this cor. is hereinafter described. Another witness cor. to this cor. is described in Book "S."

Land, level.

Soil, sandy, 1st and 2nd rate.

Undergrowth, dense arrowweed, cottonwood and mesquite.

Timber, scattering cottonwood and mesquite.

North, on E. bdy. of sec. 13.

Over dry bed of Bill Williams river, thru. dense brush.

11.62 (40.06 chs. N. of point for reestablished 1/4 sec. cor. of sec. 19). True point for reestablishment of cor. of secs. 18 and 19 falls in bed of river. Unsafe to set iron post.

28. Resurvey of 3rd Guide Mer. W., thru. part of Township 11 North.

Chains

Witness cor. to this cor. is hereinafter described. -
Continue over river bed, course SW.

24.90 Irrigation ditch, (abandoned), course W., on right bank of the Bill Williams river, brs. NE. and SW, Leave level river bed; and ascend over rolling land.

26.47 Intersect the witness cor. originally established to refer to sec. cor. point of 4 secs. Now refers to point for re-established cor. of secs. 13 & 24 from which it brs. N. 26.47 chs. and also to point for re-established cor. of secs. 18 & 19 from which it brs. N. 15.45 chs. This W.C. is a 3 in iron post, with brass cap, 12 ins. above ground, marked and witnessed as described by the surveyor general.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 16 ins. in the ground, surrounded by a mound of stone for reestablished $\frac{1}{4}$ sec. cor. of sec. 13, marked on brass cap,

S13 $\frac{1}{4}$

1917

51.08 (40.06 chs. N. of point for reestablished cor. of secs. 18 and 19) Intersect original $\frac{1}{4}$ sec. cor., an iron post, with brass cap, marked and witnessed for secs. 13 and 18, as described by the surveyor general. Reestablish as $\frac{1}{4}$ sec. cor. of sec. 18, only, by obliterating markings on cap, referring to sec. 13, and by moving mound of stone from W. to E. of cor.

Continue line and measurement, over mountainous land.

73.74 Wash, 50 lks. wide, course SE.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground, surrounded by a mound of stone for reestablished cor. of secs. 12 and 13, marked on brass cap,

T11N
S12

S13
R13 W

1917

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, rolling and mountainous.

Soil, rocky, 3rd and 4th rate.

Undergrowth, greasewood, palo verde and cactus.

No timber.

North, on E. bdy. of sec. 12.

Over mountainous land, thru. dense brush. Descend 80 ft.

9.20 Wash, 30 lks. wide, course SE. Ascend.

11.06 (39.98 chs. N. of reestablished $\frac{1}{4}$ sec. cor. of sec. 18), intersects, original sec. cor., a 3 in. iron post, with brass cap, marked and witnessed for 4 secs., as described by the surveyor general. Reestablish as cor. of secs. 7 and 18 only, by obliterating markings referring to secs. 12 and 13, and by moving mound of stone from W. to E. of cor.

Thence,

N. 0° 3' W., continuing measurement. Ascend 141 ft. over S. slope, to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 2 ins. in ground surrounded by a mound of stone, for reestablished $\frac{1}{4}$ sec. cor. of sec. 12, marked on brass cap,

Chains.

S12 1/4
1917

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Ascend 197 ft. to

51.09 (40.03 chs. N. 0° 3' W. of reestablished cor. of secs. 7 and 18.)
Intersect original 1/4 sec. cor., a 1 in. iron post, with brass cap, marked and witnessed for 2 secs., as described by the surveyor general. Reestablish as 1/4 sec. cor. of sec. 7 only by obliterating markings on cap, referring sec. 12, and by moving mound of stone from W. to E. of cor.

Thence
N. 0° 1' W., continuing measurement.
Ascend 145 ft. to

56.00 Top of ascent. Descend 46 ft.

61.00 Foot of descent. Ascend 338 ft. over SW. slope, to

80.00 Set an iron post 2 ins. in diam., 12 ins. in the ground, surrounded by a mound of stone for reestablished cor. of secs. 1 and 12, marked on brass cap,

T11N
S 1

S12
R13W
1917

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.
Soil, rocky, 4th rate.
Undergrowth, dense palo verde and greasewood.
No timber.

From reestablished cor. of secs. 1 and 12, described above, N. 0° 1' W., resurveying on W. bdy. of sec. 7.

Ascend 74 ft. over mountainous land, through dense brush.

8.10 Top of malpais ridge, brs. NW. and SE. Descend 81 ft. to

10.88 (39.79 chs. N. 0° 1' W. of reestablished 1/4 sec. cor. of sec. 7).
Intersect original sec. cor., a 3 in. iron post, with brass cap, marked and witnessed for 4 secs., as described by the surveyor general.

Reestablish as cor. of secs. 6 and 7 only by obliterating markings on cap referring to secs. 1 and 12, and by moving mound of stone from W. to E. of cor.

Land, mountainous.
Soil, rocky, 4th rate.
Undergrowth, palo verde and greasewood.
No timber.

H. P.

30. Survey of 3rd. Guide Mer. W., through part of Township 11 N.

Chains.

H.P.
From reestablished cor. of secs. 6 & 7, hereinbefore described,
North the true line, on W bdy. of sec. 6.

25.56 Over mountainous land, thru dense brush, Desc. 450 ft. over NE. slope to
Wash, 30 lks. wide, course SE. Ascend 20 ft. to

29.12 (40.00 chs. N. of reestablished cor. of secs. 1 and 12), Set
an iron post 3 ft. long, 1 in. in diam., 26 ins. in the
ground for $\frac{1}{4}$ sec. cor. of sec. 1, marked on brass cap,

S1 $\frac{1}{4}$ |

1917

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of
cor.

Ascend 81 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 3 ins. in
ground, surrounded by mound of stone, for $\frac{1}{4}$ sec. cor. of
sec. 6, marked on brass cap,

| $\frac{1}{4}$ S6

1917

and raise a mound of stone, 3 ft. base, 2 ft. high, E. of
cor.

Ascend 282 ft. to

58.53 Top of ascent; descend 30 ft.

63.50 Foot of descent; Ascend 100 ft. to

70.33 (41.21 chs. N. of $\frac{1}{4}$ sec. cor. of sec. 1) Fall 53 lks. E. of the
cor. of Ts. 12 N., Rs. 12 and 13 W., described in Book
"A."

Set an iron post, 3 ft. long, 3 ins. in diam., 20 ins. in
the ground surrounded by mound of stone, for cor. of
Ts. 11 N., Rs. 12 and 13 W., marked on brass cap,

S 1 | S 6
R13W | R12W

T11N

1917

and raise a mound of stone 4 ft. base, 2 ft. high, S. of
cor.

Land, mountainous.

Soil, rocky, 4th rate.

Undergrowth, dense palo verde and greasewood.

No timber.

H.P.

Retracement of 3rd. Std. Parallel North, thru, Range 8 West. 31.

Chains.

L.E.W.
 Closing of the Subdivision lines in T.12 N., R.8 W. against the 3rd. Standard Parallel North gives evidence of excessive errors in the original survey of said parallel; therefore, before completing the survey of the subdivision lines in T.12 N., R.8 W., make retracement of the parallel thru R.8 W., as follows:
 From original standard cor. of Ts.13 N., Rs.7 and 8 W., a 3 in. iron post, with brass cap, firmly set, marked and witnessed as described by the surveyor general,
 West, on random line, on S bdy. of sec. 36.
 39.58 Intersect original standard $\frac{1}{4}$ sec. cor.
 Continue line, but measuring from $\frac{1}{4}$ sec. cor. on W. half of S. bdy. of sec. 36.
 39.77 Intersect original standard sec. cor.
 Continue line, bet. measuring from sec. cor. on E. half of S. bdy. of sec. 35.
 39.98 Fall 2 lks. S. of original standard $\frac{1}{4}$ sec. cor.
 Continue line, but measuring from $\frac{1}{4}$ sec. cor. on W. half of S. bdy. of sec. 35.
 39.30 Fall 2 lks. S. of original std. sec. cor. Continue line but measuring from sec. cor. on E. $\frac{1}{2}$ of S. bdy. of sec. 34.
 40.68 Fall 1 lk. N. of original standard $\frac{1}{4}$ sec. cor. Continue line but measuring from $\frac{1}{4}$ sec. cor. on W. $\frac{1}{2}$ of S. bdy. of sec. 34.
 39.69 Fall 6 lks. N. of original std. sec. cor. Continue line but measuring from sec. cor. on E. $\frac{1}{2}$ of S. bdy. of sec. 33.
 39.82 Fall 7 lks. N. of original std. $\frac{1}{4}$ sec. cor. Continue line, but measuring from $\frac{1}{4}$ sec. cor. on W. $\frac{1}{2}$ of S. bdy. of sec. 33.
 40.13 Fall 9 lks. N. of original std. sec. cor. Continue line but measuring from sec. cor. on E. $\frac{1}{2}$ of S. bdy. of sec. 32.
 40.11 Fall 4 lks. N. of original std. $\frac{1}{4}$ sec. cor. Continue line but measuring from $\frac{1}{4}$ sec. cor. on W. $\frac{1}{2}$ of S. bdy. of sec. 32.
 40.12 Fall 1 lk. N. of original std. sec. cor. Continue line, but measuring from sec. cor. on E. $\frac{1}{2}$ of S. bdy. of sec. 31.
 39.70 Fall 3 lks. N. of original std. $\frac{1}{4}$ sec. cor. Continue line, but measuring from $\frac{1}{4}$ sec. cor. on W. $\frac{1}{2}$ of S. bdy. of sec. 31.
 39.61 Intersect original std. cor. of Ts.13 N., Rs.8 and 9 W., a 3 in. iron post, with brass cap, marked and witnessed as described by the surveyor general.
 True course and length of line bet. std. Tp. cors. in R.8 W. is therefore west 478.49 chs. No accepted subdivision lines being tied to the original standard cors. in this range, make independent resurvey of the line as hereinafter described.

L.E.W.

Independent Resurvey of 3rd. Std. Par. N., thru. Range 8 W.

L.E.W.
 From original standard cor. of Ts.13 N., Rs.7 and 8 W., a 3 in. iron post, with brass cap, firmly set, marked and witnessed as described by the surveyor general,
 West, on true line, on S. bdy. of sec. 36.
 Over mountainous land, thru, scattering brush. Ascend 380 ft.
 19.55 Top of long ridge, brs. SW. and N., turns E. at 4 chs. N. of line. Descend rocky NW. slope.
 39.58 Intersect original standard $\frac{1}{4}$ sec. cor., a 1 in. iron post, with brass cap, marked and witnessed, as described by the surveyor general. Remove post, destroy mound of stone, and at
 40.00 410 ft. below ridge, reestablish the standard $\frac{1}{4}$ sec. cor. of sec. 36, by resetting the original iron post, 26 ins. in the ground, marked on brass cap,

S C
 $\frac{1}{4}$ S 36

1911

and raise mound of stone, 3 ft. base, 2 ft. high, N. of cor.

32. Independent Resurvey of 3rd. Std. Par. N. thru Range 8 West.

- Chains.
- 52.35 Descend 190 ft., over W. slope to Wash, 10 lks.wide, course N.80°W. Descend 80 ft., over N. slope, to
- 77.75 Wash, 4 lks.wide, course NW.
- 79.35 Intersect original standard cor. of secs.35 and 36, a 3 in. iron post, with brass cap, marked and witnessed, as described by the surveyor general. Remove post, destroy mound of stone, and at
- 80.00 Reestablish the standard cor. of secs.35 and 36 by resetting the original iron post, 24 ins. in the ground, marked on brass cap,

S C
 113N R8 W
 S35 S36

1911

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.
 Land, mountainous,
 Soil, light loam, many large rocks, 4th rate.
 Undergrowth, scattering palo verde, scrub oak and cactus.
 No timber.

- West, on a true line, on S. bdy. of sec. 35.
 Over mountainous land, thru. scattering brush.
 Descend 25 ft.
- 2.95 Wash, 5 lks.wide, course N., for 1.50 chs.; thence NW.
 Ascend 100 ft., over E.slope.
- 18.35 Top of ridge, brs.NW. and SE. Descend 160 ft., over S. slope.
- 37.35 Head of wash, course S. Ascend.
- 39.33 Original standard $\frac{1}{4}$ sec.cor., brs.N.2 lks.dist., a 1 in. iron post, with brass cap, marked and witnessed, as described by the surveyor general. Remove post, destroy mound of stone, and at
- 40.00 80 ft. above head of wash, on steep E.slope, among large granite boulders; reestablish the standard $\frac{1}{4}$ sec.cor. of sec.35, by resetting the original iron post, 26 ins. in the ground, marked on brass cap,

S C
 $\frac{1}{4}$ S 35

1911

- and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Ascend 250 ft., over E.slope.
- 53.85 Top of ascent, 1 ch. S. of top of hill in ridge, brs.NW. and SE. Descend over SW. and W. slopes.
- 78.63 Original standard cor. of secs.34 and 35, brs.N.2 lks. dist., a 3 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at
- 80.00 500 ft. below 53.85 chain station, reestablish the standard cor. of secs. 34 and 35, by resetting the original iron post, 24 ins. in the ground, marked on brass cap,

Chains

S C
T13N R 8W
S34 | S35

1911

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Land, mountainous.

Soil, light loam among granite boulders, 4th rate.

Undergrowth, scattering greasewood, palo verde and cactus.

No timber.

West, on a true line, on S. bdy. of sec. 34.

Over mountainous land, through scattering brush.

4.80 Wash, 10 lks. wide, 4 ft. deep, course SW.

18.10 Wash, 10 lks. wide, 10 ft. deep, course S.

16.20 Ascend 175 ft. over rocky E. slope.

26.00 Top of spur, slopes N. Descend.

39.31 Original standard $\frac{1}{4}$ sec. cor. brs. S. 1 lk. dist., a 1 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at

40.00 175 ft. below spur, reestablish the standard $\frac{1}{4}$ sec. cor. of sec. 34 by resetting the original iron post, 26 ins. in the ground, marked on brass cap,

S C
 $\frac{1}{4}$ S 34

1911

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Descend.

79.00 Original standard cor. of secs. 33 and 34 brs. S. 6 lks. dist., a 3 in. iron post 3 ins. in diam., with brass cap, marked and witnessed, as described by the surveyor general.

Remove post, destroy mound of stone, and at

80.00 600 feet below $\frac{1}{4}$ sec. cor., reestablish the standard cor. of secs. 33 and 34, by resetting the original iron post 24 ins. in the ground, marked on brass cap,

S C
T13N R 8W
S33 | S34

1911

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Land, mountainous.

Soil, rocky, with scanty loam, 4th rate.

Undergrowth, scattering palo verde, greasewood and cactus.

No timber.

West, on true line, on S. bdy. of sec. 33.

Over heavily rolling land, through scattering brush.

Descend over broken SW. slope, across heads of numerous small washes, draining south.

38.82 Original standard $\frac{1}{4}$ sec. cor. brs. S. 7 lks. dist., a 1 in. iron post, with brass cap, marked and witnessed, as described by the surveyor general. Remove post, destroy

BOOK 3224

34. Independent Resurvey 3rd. Std. Par. North, through 8 West.

Chains.

40.00 mound of stone, and at
180 ft. below sec.cor., reestablish the std. $\frac{1}{4}$ sec.cor. of sec.33 by resetting the original iron post, 26 ins. in the ground, marked on brass cap,

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

1911

and raise a mound of stone 3 ft. base, 2 ft. high, N.of cor.

Descend 80 ft.to

77.00 Wash, 20 lks.wide, course S. for 1.50 chs., thence SW.

78.96 Original standard cor. of secs.32 and 33, brs.S.9 lks.dist., a 3 in.iron post, with brass cap,marked and witnessed as described by the surveyor general. Remove post,destroy mound of earth, fill in the pits, and at

80.00 15 ft. above wash, reestablish the std. cor. of secs. 32 and 33 by resetting the original iron post 24 ins. in the ground, marked on brass cap,

S C
T13N R 8W
S32 | S33

1911

dig pits 24x18x12 ins. crosswise on each line E.and W. 3 ft., and N.of post 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft.high,N.of cor.

Land, rolling.

Soil, rocky and gravelly, 4th rate.

Undergrowth, scattering palo verde, greasewood and cactus.
No timber.

West, on true line on S. bdy. of sec.32.

Over rolling land, through scattering brush.

Descend 20 ft.to

3.20 Wash, 20 lks.wide, course S.75°W. Descend gradually.

39.07 Original standard $\frac{1}{4}$ sec.cor. brs.S. 4 lks.dist., a 1 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, & obliterate markings on bearing tree,

39.60 Wash, 10 lks.wide, 18 ins. deep, course NW.

40.00 Reestablish the standard $\frac{1}{4}$ sec.cor. of sec.32, by resetting the original iron post 26 ins. in the ground, marked on brass cap,

S C
 $\frac{1}{4}$ S 32

1911

and raise a mound of stone 3 ft.base, 2 ft.high,N.of cor.

45.50 Wash, 8 lks.wide, 2 ft. deep, course N.

61.60 Wash, 20 lks.wide, 1 ft. deep, course N.

61.80 Road brs.N.and S. Ascend rolling E. slope.

69.00 Wash, 10 lks.wide, 2 ft. deep, course NE.

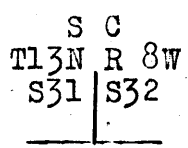
75.00 Wash, 3 lks.wide, 1 ft. deep, course NE.

79.18 Original standard cor.of secs.31 and 32, brs.S.1 lk.dist., a 3 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, obliterate marks on bearing tree, and at

80.00 Reestablish the standard cor. of secs.31 and 32 by resetting the original iron post, 24 ins. in the ground,

Chains.

marked on brass cap,



1911

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Land, rolling.

Soil, rocky, with sandy and gravelly loam, 1st and 3rd rate. Undergrowth, scattering mesquite, greasewood, palo verde and cactus.

No timber.

West, on true line, on S. bdy. of sec. 31.

Over mountainous land, through scattering brush.

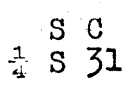
Descend.

3.08 Wash, 20 lks. wide, course NE. Ascend.

14.18 Ascent becomes steep, and surface rocky.

38.88 Original standard 1/4 sec. cor. brs. S. 3 lks. dist., a 1 in. iron post with brass cap, marked and witnessed, as described by the surveyor general. Remove post, destroy mound of stone, and at

40.00 435 ft. above wash, reestablish the standard 1/4 sec. cor. of sec. 31, by resetting the original iron post, 26 ins. in the ground, marked on brass cap,



1911

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Ascend 420 ft.

65.88 Top of short rocky spur, slopes SE. Descend 100 ft., over SW. slope.

78.49 Intersect original standard cor. of Ts. 13 N., Rs. 8 and 9 W., a 3 in. iron post with brass cap, firmly set, marked and witnessed, as described by the surveyor general.

Land, mountainous.

Soil, rocky, with scanty loam, 2nd and 3rd rate.

Undergrowth scattering greasewood, palo verde and cactus.

No timber.

L.E.W.

BOOK 3224

36. Retracement of 3rd. Std. Par. N., thru. part of Range 9 West.

Chains.

L.E.W.

- In closing the west 5 tiers of secs. of T. 12 N., R. 9 W. against the 3rd Standard Parallel N. excessive errors in closure on the original standard cors. were noted; therefore, make retracement of the parallel through the west 5 miles of R. 9 W., as follows:
- From original standard cor. of secs. 35 and 36, a 3 in. iron post, with brass cap, firmly set, marked and witnessed as described by the surveyor general,
- West on random-line, on S. bdy. of sec. 35.
- 38.92 Fall 3 lks. N. of original standard $\frac{1}{4}$ sec. cor. Continue line, but measuring from $\frac{1}{4}$ sec. cor. on W. $\frac{1}{2}$ of S. bdy. of sec. 35.
- 39.54 Fall 1 lk. S. of original std. sec. cor. Continue line, but measuring from sec. cor. on E. $\frac{1}{2}$ of S. bdy. of sec. 34.
- 39.74 Fall 5 lks. S. of original standard $\frac{1}{4}$ sec. cor. Continue line, but measuring from $\frac{1}{4}$ sec. cor., on W. $\frac{1}{2}$ of S. bdy. of sec. 34.
- 40.89 Fall 7 lks. S. of original standard sec. cor. Continue line, but measuring from sec. cor. on E. half of S. bdy. of sec. 33.
- 39.64 Fall 9 lks. S. of original std. $\frac{1}{4}$ sec. cor. Continue line, but measuring from $\frac{1}{4}$ sec. cor. on W. half of S. bdy. of sec. 33.
- 39.62 Fall 11 lks. S. of original std. sec. cor. Continue line, but measuring from sec. cor. on E. half of S. bdy. of sec. 32.
- 39.89 Fall 12 lks. S. of original std. $\frac{1}{4}$ sec. cor. Continue line, but measuring from $\frac{1}{4}$ sec. cor. on W. half of S. bdy. of sec. 32.
- 40.62 Fall 13 lks. S. of original standard sec. cor. Continue line, but measuring from sec. cor. on E. half of S. bdy. of sec. 31.
- 40.00 Fall 11 lks. S. of original standard $\frac{1}{4}$ sec. cor. Continue line, but measuring from $\frac{1}{4}$ sec. cor. on W. half of S. bdy. of sec. 31.
- 40.17 Fall 12 lks. S. of original standard cor. of Ts. 13 N., Rs. 9 and 10 W., a 3 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. True course and length of parallel south of secs. 31, 32, 33, 34 and 35 is therefore N. 89° 59' W., 399.03 chs. No accepted surveys being tied to the original standard cors. in this portion of the line, correct the errors shown by the preceding retracement by independent resurvey as follows:

L.E.W.

Independent Resurvey of 3rd. Std. Par. N., thru. part of R. 9 W.

L.E.W.

- From original std. cor. of secs. 35 and 36, a 3 in. iron post, with brass cap, firmly set, marked and witnessed as described by the surveyor general,
- N. 89° 59' W., on true line on S. bdy. of sec. 35.
- Over mountainous land, through scattering brush.
- Descend 195 ft. to
- 6.80 Wash, 10 lks. wide, course NW.
- Ascend 30 ft. to
- 11.40 Top of ridge, brs. NW. and SE. Descend 250 ft., over rocky broken NW. slope, to
- 29.80 Wash, 30 lks. wide, course NW. in gulch, 10 ft. deep; thence over N. slope.
- 38.92 Original std. $\frac{1}{4}$ sec. cor. brs. S. 4 lks. dist., a 1 in. iron post, with brass cap, marked and witnessed, as described by the surveyor general. Remove post, destroy mound of stone, and at
- 40.00 On top of rocky spur, sloping N. 10° W., reestablish the standard $\frac{1}{4}$ sec. cor. of sec. 35, by resetting the original iron post, 26 ins. in the ground, marked on brass cap,

Chains.

S C
1/4 S 35

1911

- and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.
- Descend 260 ft. to
- 50.00 Wash, 5 lks. wide, course SW. in gulch. Ascend 60 ft. over rocky and broken SE. slope.
- 52.50 Top of short spur, slopes SW. Descend 255 ft., over W. slope.
- 68.10 E. or left bank of N. fork of Santa Maria river, brs. N. and S. Thence across water in river, 150 lks. wide, 1 ft. deep, course S.
- 69.60 West or right bank of river, brs. N. and S. Ascend rocky E. slope.
- 78.46 Original standard cor. of secs. 34 and 35 brs. S. 1 lk. dist., a 3 in. iron post, with brass cap, marked and witnessed as described by the Surveyor General. Remove post, destroy mound of stone, and at
- 80.00 300 ft. above Santa Maria river, reestablish the standard cor. of secs. 34 and 35, by resetting the original iron post, 24 ins. in the ground, marked on brass cap,

S C
T13N R 9W
S34 | S35

1911

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.
 Land, mountainous.
 Soil, sandy and rocky, 4th rate.
 Undergrowth scattering greasewood, palo verde and cactus.
 No timber.

- N. 89° 59' W. on true line on S. bdy. of sec. 34.
- Over mountainous land, thru. scattering brush. Ascend over rocky E. slope.
- 5.53 Intersect SE. side line of the Silver Belt patented mining claim, Mineral Survey No. 1637 at a point 3.82 chs. S. 36° 20' W. from cor. No. 1 (NE. cor.) thereof. Thence across patented mineral land.
- 16.69 Leave Silver Belt claim at a point on NW. side line of same 0.89 chs. N. 36° 20' E. from cor. No. 1 of the Lucy patented claim.
- Thence over public land.
- 17.21 Intersect E. end line of Lucy patented mining claim, Mineral Survey No. 1637 at a point 0.72 chs. N. 1° 8' E. from cor. No. 1 thereof. Thence across said claim
- 23.45 Intersect N. side line of Lucy claim at a point 0.50 chs. S. 60° 14' W. from cor. No. 5 thereof, and 11.95 chs. N. 60° 14' E. from cor. No. 4 thereof.
- This point of intersection falls on top of ridge, brs. NE. and SW., 415 ft. above reestablished std. cor. of secs. 34 and 35.
- Descend.
- 38.20 Original standard 1/4 sec. cor. brs. N. 1 lk. dist., a 1 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post and destroy mound of stone.
- 38.50 Wash, 5 lks. wide, course SW. 260 ft. below ridge. Ascend 20 ft. to
- 40.00 Reestablish the std. 1/4 sec. cor. of sec 34, by resetting the original iron post, 26 ins. in the ground, marked on brass cap,

38. Independent Resurvey of 3rd. Std. Par. N., thru. part of R. 9 W.

Chains.

S C
 $\frac{1}{4}$ S 34

1911

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

From this cor., cor. No. 4 of the Lucy patented mining claim, Mineral Survey No. 1637, brs. S. $46^{\circ}12'$ E. 8.59 chs. dist.

Ascend 110 ft. to

- 45.60 Top of short spur, slopes S. Descend 145 ft.
 54.50 Wash, 10 lks. wide, course S. Ascend 160 ft.
 64.50 Top of spur, slopes SE. Descend 70 ft.
 68.00 Wash, 5 lks. wide, course SE. Ascend 135 ft.
 72.40 Top of spur, slopes SE. Descend 120 ft.
 77.38 Wash, 10 lks. wide, course S. Ascend.
 79.09 Original standard cor. of secs. 33 and 34, brs. N. 2 lks. dist., a 3 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at
 80.00 On top of spur, slopes S. 50 ft. above wash, reestablish the standard cor. of secs. 33 and 34 by resetting the original iron post, 24 ins. in the ground, marked on brass cap,

S C
 T13N R9 W
 S33 | S34

1911

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Land, mountainous.

Soil, rocky, with scanty loam, 4th rate.

Undergrowth, scattering palo verde, greasewood and cactus. No timber.

N. $89^{\circ}59'$ W. on a true line, on S. bdy. of sec. 33. Over mountainous land, through scattering brush. Descend 60 ft.

- 4.00 Wash, 10 lks. wide, course S. Ascend 100 ft.
 16.80 Top of ridge, brs. NW. and SE. Descend 100 ft.
 24.90 Wash, 10 lks. wide, course SE. Ascend 60 ft.
 29.00 Top of spur, slopes SW. Descend 60 ft.
 32.85 Wash, 20 lks. wide, course S. Ascend 10 ft.
 35.00 Top of spur, slopes S.; descend.
 38.73 Original standard $\frac{1}{4}$ sec. cor. brs. N. 3 lks. dist., 1 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at
 40.00 20 ft. below top of spur, reestablish the standard $\frac{1}{4}$ sec. cor. of sec. 33 by resetting the original iron post 26 ins. in the ground, marked on brass cap,

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

1911

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Descend 5 ft.

- 40.50 Wash, 15 lks. wide, course SE. Ascend 150 ft.
 53.70 Top of ridge, brs. NW. and SE. Descend over SW. slope.

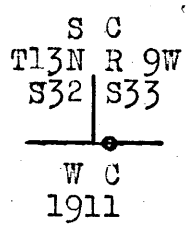
Independent Resurvey of 3rd. Std. Par. North, thru. part of R. 9 W. 39

Chains.

78.35 Original standard cor. of secs. 32 and 33, brs. N. 4 lks. dist., a 3 in. iron post, with brass cap, marked and witnessed, as described by the surveyor general. Remove post, and stroy mound of stone.

The true point for the reestablishment of the standard cor. of secs. 32 and 33 falls on side of bank of Bridle Creek, where cor. would be insecure; therefore, at

79.75 Reset the iron post originally set for standard sec. cor., 24 ins. in the ground, for witness cor. to reestablished standard cor. of secs. 32 and 33, marked on brass cap,



and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

80.00 250 ft. below ridge, the point for reestablished standard cor. of secs. 32 and 33 falls on E. bank of Bridle Creek, course SE.

Land, mountainous. Soil, rocky, with scanty loam, 4th rate. Undergrowth, scattering greasewood, palo verde and cactus. No timber, except a few cottonwoods along Bridle Creek.

From true point for reestablished standard cor. of secs. 32 and 33,

N. 89° 59' W., on true line, on S. bdy. of sec. 32.

Over bed of Bridle Creek, through scattering brush.

1.00 Running water, 5 lks. wide, 2 ins. deep, course SE. for 5 chs., thence SW.

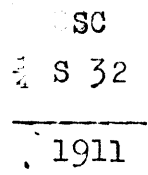
2.00 West bank of Bridle Creek, brs. NW. and SE.

19.00 Rocky gulch, course SE. Ascend.

38.24 Original standard 1/2 sec. cor. brs. N. 3 lks. dist., a 1 in. iron post with brass cap, marked and witnessed, as described by the surveyor general.

Remove post, destroy mound of stone, and at

40.00 750 ft. above Bridle Creek, reestablish the standard 1/4 sec. cor. of sec. 32, by resetting the original iron post, 26 ins. in the ground, marked on brass cap,

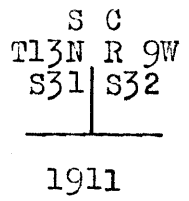


and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor. Ascend 20 ft.

41.00 Top of ridge, brs. N. and S. Descend.

78.86 Original standard cor. of secs. 31 and 32, brs. N. 3 lks. dist., a 3 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at

80.00 500 ft. below top of ridge, reestablish the standard cor. of secs. 31 and 32 by resetting the original iron post 24 ins. in the ground, marked on brass cap,



BOOK 3224

40 Independent Resurvey of 3rd. Std. Par. N., thru part of R. 9 W.
Chains.

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Land, mountainous.

Soil, rocky with scanty loam, 4th rate.

Undergrowth, scattering greasewood, palo verde and cactus.

No timber, except a few cottonwoods along Bridle Creek.

-
- N. 89° 59' W., on a true line, on S. bdy. of sec. 31.
Over mountainous land, through scattering brush. Descend.
4.40 Wash, 10 lks. wide, course S. 5° E. Ascend 90 ft.
11.88 Top of short spur, slopes SE. Descend 45 ft.
19.48 Wash, 10 lks. wide, course SE. Ascend gradual E. slope.
38.86 Intersect original standard $\frac{1}{4}$ sec. cor., a 1 in. iron post,
with brass cap, marked and witnessed as described by
the surveyor general. Remove post, obliterate markings
on bearing trees, and at
40.00 Reestablish the standard $\frac{1}{4}$ sec. cor. of sec. 31, by resetting
the original iron post, 26 ins. in the ground, marked
on brass cap,

S C
 $\frac{1}{4}$ S 31

1911

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor. Ascend 160 ft.

- 54.03 Top of ridge, brs. NW. and SE., slopes NW. Descend 50 ft.
60.03 Wash, 10 lks. wide, course NE. Ascend 50 ft.
65.00 Top of ridge, brs. N. and S., slopes N. Descend 50 ft.
77.05 Wash, 20 lks. wide, course NE. Ascend 50 ft.
79.03 Intersect the original standard cor. of Ts. 13 N., Rs. 9 and
10 W., a 3 in. iron post with brass cap, marked and
witnessed, as described by the surveyor general.

Land, mountainous.

Soil, sandy and rocky, 4th rate.

Undergrowth, scattering palo verde, juniper, greasewood
and cactus.

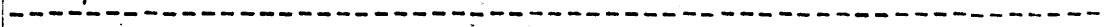
No timber.

L. E. W.

Retracement of 3rd Standard Par. N. thru Range 10 West. 41.

Chains

L.E.W.
 In closing the Subdivision lines of T.12 N., R.10 W. against the original standard cors. of the 3rd Std. Parallel N., excessive errors were found insaid line; therefore, make retracement as follows:
 From original standard cor. of Ts.13 N., Rs.9 and 10 W., a 3 in. iron post with brass cap, marked and witnessed, as described by the surveyor general,
 West, on random line on S. bdy. of sec.36
 38.84 Fall 2 lks. N. of original standard $\frac{1}{4}$ sec. cor.
 Continue line, but measuring from $\frac{1}{4}$ sec. cor. on W. $\frac{1}{2}$ of S. bdy. of sec.36.
 39.07 Fall 3 lks. N. of original standard sec. cor.
 Continue line, but measuring from sec. cor. on E. $\frac{1}{2}$ of S. bdy. of sec.35.
 40.20 Fall 2 lks. N. of original std. $\frac{1}{4}$ sec. cor.
 Continue line, but measuring from $\frac{1}{4}$ sec. cor., on W. $\frac{1}{2}$ of S. bdy. of sec.35.
 40.10 Fall 7 lks. N. of original standard sec. cor.
 Continue line, but measuring from sec. cor. on E. half of S. bdy. of sec.34.
 40.12 Intersect original std. $\frac{1}{4}$ sec. cor.
 Continue line, but measuring from $\frac{1}{4}$ sec. cor. on W. $\frac{1}{2}$ of S. bdy. of sec. 34.
 39.76 Fall 3 lks. S. of original standard sec. cor.
 Continue line, but measuring from sec. cor. on E. $\frac{1}{2}$ of S. bdy. of sec.33.
 40.09 Fall 6 lks. S. of original standard $\frac{1}{4}$ sec. cor.
 Continue line, bet. measuring from $\frac{1}{4}$ sec. cor. on W. $\frac{1}{2}$ of S. bdy. of sec.33.
 40.10 Fall 12 lks. S. of original standard sec. cor.
 Continue line, bet. measuring from sec. cor. on E. $\frac{1}{2}$ of S. bdy. of sec.32.
 40.00 Fall 21 lks. S. of original standard $\frac{1}{4}$ sec. cor.
 Continue line, bet. measuring from $\frac{1}{4}$ sec. cor. on W. $\frac{1}{2}$ of S. bdy. of sec.32.
 39.96 Fall 31 lks. S. of original standard sec. cor.
 Continue line, but measuring from sec. cor. on E. $\frac{1}{2}$ of S. bdy. of sec.31.
 40.29 Fall 32 lks. S. of original standard $\frac{1}{4}$ sec. cor.
 Continue line, but measuring from $\frac{1}{4}$ sec. cor. on W. $\frac{1}{2}$ of S. bdy. of sec.31.
 40.01 Fall 38 lks. S. of original standard cor. of Ts.13 N., Rs. 10 and 11 W., a 3 in. iron post, with brass cap, marked and witnessed, as described by the surveyor general.
 True course and length of the parallel as evidenced by the preceding retracement is N.89° 57' W., 478.54 chs.
 As no accepted surveys are tied to the original standard sec. or $\frac{1}{4}$ sec. cors. in R.10 W. make independent resurvey of the parallel through R.10 W., as follows:
 L.E.W.



42. Independent Resurvey of 3rd. Std. Par. N., thru. Range 10 West.

Chains.

- L.E.W.
From original standard cor. of Ts. 13 N., Rs. 9 and 10 W.,
a 3 in. iron post, with brass cap, marked and witnessed,
as described by the surveyor general,
N. 89° 57' W., on true line, on S. bdy. of sec. 36.
Over mountainous land, through scattering brush.
Ascend E. and SE. slope of peak.
- 12.15 Top of ascent 385 ft. above Tp. cor. Top of peak brs. N.
5.00 chs. dist., from which there is a steep descent in
all directions.
Descend 307 ft. to
- 23.66 Bottom of gulch, course S. Ascend 150 ft.
- 31.90 Top of ascent. Thence along steep S. slope. Descend.
- 38.84 Original stand. $\frac{1}{4}$ sec. cor., brs. S. 6 lks. dist., a 1 in. iron
post, with brass cap, marked and witnessed as described
by the surveyor general. Remove post, destroy mound of
stone, and at
- 40.00 125 ft. below 31.90 chs. station, reestablish the standard
 $\frac{1}{4}$ sec. cor. of sec. 36 by resetting original iron post,
26 ins. in the ground, marked on brass cap,

S C
 $\frac{1}{4}$ S 36

1911

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of
cor.

- Descend 45 ft. to
- 44.59 Bottom of gulch, 20 ft. deep, 5 lks. wide, course S.
- 47.63 Head of small gulch, course SE.
- 53.64 Bottom of gulch, 5 lks. wide, 20 ft. deep, course SE.
- 59.84 Bottom of gulch, 5 lks. wide, 20 ft. deep, course S.
- 68.84 Enter wash, 25 lks. wide in gulch, 15 ft. deep, course S.
80° E.
Thence up gulch.
- 73.84 Leave gulch, comes from N. 80° W.
- 77.91 Original standard cor. of secs. 35 and 36, brs. S. 10 lks.
dist., a 3 in. iron post with brass cap, marked and wit-
nessed as described by the surveyor general. Remove
post, and destroy mound of stone.
- 78.10 Enter wash, 30 lks. wide in gulch, course N. 80° E.; thence
up gulch. This is same wash as noted between stations
68.84 and 73.84 of this mile.
- 80.00 Reestablish the standard cor. of secs. 35 and 36, by re-
setting the original iron post 24 ins. in the ground,
marked on brass cap.

S C
T13N R10W
S35 | S36

1911

and raise a mound of stone, 3 ft. base, 2 ft. high, N.
of cor.

Land, mountainous.
Soil, rocky on E. $\frac{1}{2}$, no value; rocky with scanty loam on
W. $\frac{1}{2}$, 4th rate.
Undergrowth, scattering palo verde, greasewood, catclaw
and cactus.
No timber.

- N. 89° 57' W., on a true line on S. bdy. of sec. 35.
Over mountainous land, through scattering brush.
Ascend in gulch in bend of same from NW. to N. 80° E.
- 1.41 Wash, course E. from NW. Leave gulch. Ascend 165 ft.

Chains.

- 27.78 Top of ridge, brs. NE. and SW. Descend 45 ft.
 33.91 Bottom of gulch, 20 ft. deep, Wash in same, 10 lks.wide, course NE. Ascend.
 38.11 Original std. $\frac{1}{4}$ sec.cor. brs.S.13 lks.dist., a 1 in.iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at
 40.00 50 ft. above wash; reestablish the standard $\frac{1}{4}$ sec.cor.of sec.35, by resetting the original iron post 26 ins.in the ground, marked on brass cap,

S C
 $\frac{1}{4}$ S 35

1911

and raise a mound of stone 3 ft.base, 2 ft. high,N.of cor.

Ascend 130 ft.

- 52.91 Top of spur, slopes NE. Descend 102 ft.to
 66.91 Wash, 15 lks.wide, course N.60°E.
 71.41 Wash, 15 lks.wide, course S. 60° E.,in gulch, 10 ft.deep.
 78.21 Original standard cor.of secs.34 and 35, brs.S.21 lks.dist., a 3 in.iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, and destroy mound of stone.
 78.96 Same wash, as at 71.41 chain station, 5 lks.wide, course NE. from W. in gulch, 10 ft. deep.
 Ascend up same gulch.
 80.00 In gulch; reestablish the standard cor.of secs. 34 and 35, by resetting the original iron post 24 ins. in the ground, marked on brass cap,

S C
 T13N R10W
 S34 | S35

1911

and raise a mound of stone 3 ft.base, 2 ft.high,N.of cor.

Land, mountainous.

Soil, rocky,with scanty loam, 3rd rate.

Undergrowth, scattering palo verde, greasewood and catclaw.
 No timber.

N.89° 57' W.,on true line, on S.bdy.of sec.34.

Over mountainous land,through scattering brush.

Ascend up gulch, 10 ft. deep,with wash in same, 5 lks.wide, course E.

- 3.71 Leave wash, comes from S.60°W. Ascend.
 26.30 Wash, 5 lks.wide, course S. in gulch, 30 ft.deep; drains into gulch, course SE. from W. at point 1.50 chs.S.of line. Continue ascent.
 38.33 230 ft. above reestablished cor.of secs. 34 and 35.Original standard $\frac{1}{4}$ sec.cor. brs.S.17 lks.dist., a 1 in.iron post with brass cap, marked and witnessed, as described by the surveyor general. Remove post,and destroy mound of stone. Descend 20 ft.to
 40.00 Reestablish the standard $\frac{1}{4}$ sec.cor. of sec.34 by resetting the original iron post 26 ins. in the ground, marked on brass cap,

S C
 $\frac{1}{4}$ S 34

1911

BOOK 3224

44. Independent Resurvey of 3rd Std. Par. North, thru Range 10 West.

Chains.

- and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.
- Descend 20 ft. to
- 43.53 Wash, 5 lks. wide, course SE. from N. Ascend 80 ft.
- 47.78 Top of ridge, brs. N. and S. Descend 150 ft.
- 58.33 Wash, 15 lks. wide, course N. Ascend 160 ft.
- 69.22 Top of ridge, brs. N. and S. Descend.
- 78.09 Original std. cor. of secs. 33 and 34, brs. S. 18 lks. dist., a 3 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, and destroy mound of stones.
- 79.59 Wash, 5 lks. wide, course S.
- 80.00 200 ft. below top of ridge, reestablish the standard cor. of secs. 33 and 34 by resetting the original iron post, 24 ins. in the ground, marked on brass cap,

S C
T13N R10W
S33 | S34

1911

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Land, mountainous.
Soil, rocky, with scanty loam, 3rd rate.
Undergrowth, scattering palo verde, greasewood and catclaw.
No timber.

- N. 89° 57' W. on true line, on S. bdy. of sec. 33.
Over mountainous land, through scattering brush.
- 9.09 Wash, 15 lks. wide, 3 ft. deep, course N. 80° E. Ascend /
- 38.18 Original standard $\frac{1}{4}$ sec. cor., brs. S. 18 lks. dist., 1 in. iron post with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at
- 40.00 140 ft. above sec. cor., reestablish the standard $\frac{1}{4}$ sec. cor. of sec. 33 by resetting the original iron post 26 ins. in the ground, marked on brass cap,

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

1911

- and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
- Thence over rolling S. slope.
- 52.83 Wash, 15 lks. wide, course N. 60° W. in gulch, 30 ft. deep. Thence over rolling NW. slope.
- 59.09 Wash, 10 lks. wide in gulch, 25 ft. deep, course N. 20° E. at this point, but general course NW.
- 74.09 Wash, 5 lks. wide, course N. in gulch, 15 ft. deep. Ascend.
- 78.28 Original standard cor. of secs. 32 and 33 brs. S. 16 lks. dist., a 3 in. iron post with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at
- 80.00 40 ft. above wash, reestablish the standard cor. of secs. 32 and 33 by resetting the original iron post, 24 ins. in the ground, marked on brass cap,

S C
T13N R10W
S32 | S33

1911

Independent Resurvey of 3rd. Std. Par. North, thru. Range 10 West. 45

Chains.

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Land, mountainous and rolling.
Soil, rocky and sandy, 3rd rate.
Undergrowth, scattering palo verde and greasewood.
No timber.

N. 89° 57' W., on true line, on S. bdy. of sec. 32.
Over mountainous land, thru. scattering brush. Ascend 10 ft.

- 1.08 Top of spur, slopes S. Descend 125 ft.
- 7.28 Wash, 10 lks. wide, course N. in gulch. Ascend 200 ft.
- 24.00 Top of ridge, brs. N. and S. Descend 120 ft.
- 37.53 Wash, 5 lks. wide, course N. Ascend.
- 38.28 Original standard $\frac{1}{4}$ sec. cor. brs. S. 10 lks. dist., a 1 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, destroy mound of stone, and at
- 40.00 10 ft. above wash, reestablish the standard $\frac{1}{4}$ sec. cor. of sec. 32 by resetting the original iron post, 26 ins. in the ground, marked on brass cap,

S C
 $\frac{1}{4}$ S 32

1911

and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

- Ascend 25 ft.
- 44.31 Top of spur, slopes N. Y. S. Olea's house brs. N. 3 chs. dist. Descend 60 ft. to
- 47.78 Bottom of gulch, course N. Water in pools, where bedrock comes to the surface. Ascend 150 ft.
- 62.44 Top of ridge, brs. N. and S. Descend.
- 78.24 Original standard cor. of secs. 31 and 32, brs. N. 4 lks. dist., a 3 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove, destroy mound of stone, and at
- 80.00 50 ft. below top of ridge, reestablish the standard cor. of secs. 31 and 32, by resetting the original iron post 24 ins. in the ground, marked on brass cap,

S C
T13N R10W
S31 | S32

1911

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Land, mountainous.
Soil, rocky, 3rd rate.
Undergrowth, scattering palo verde and greasewood.
No timber.

N. 89° 57' W. on true line, on S. bdy. of sec. 31.
Over mountainous land, through scattering brush. Descend 20 ft., over broken N. slope.

- 2.24 Wash, 12 lks. wide, course N. 30° W. Ascend 50 ft.
- 13.24 Top of ridge, brs. N. and S. Descend 50 ft.
- 31.74 Wash, 25 lks. wide, course N.; enter wash, course N. 60° E. at 50 lks. N. of line.
- 38.53 Original std. $\frac{1}{4}$ sec. cor. brs. N. 6 lks., a 1 in. iron post, with brass cap, marked and witnessed as described by the surveyor general. Remove post, and destroy mound

BOOK 3224

46. Independent Resurvey 3rd Std. Par. North, thru Range 10 West.
Chains.

- of stone.
39.00 Enter wash, 40 lks. wide, 2 ft. deep, course N.40°E. from W.;
thence up wash.
40.00 On N. side of wash, reestablish the std. $\frac{1}{4}$ sec. cor. of sec.
31 by resetting the original iron post, 26 ins. in the
ground, marked on brass cap,

S C
 $\frac{1}{4}$ S 31

1911

- and raise a mound of stone 3 ft. base, 2 ft. high, N. of
cor. Ascend up wash.
51.24 Leave wash, course E. from N.60°W. Ascend.
57.20 Gulch, 20 ft. deep, course N. for 2.50 chs.; thence NE.
62.74 Gulch, 30 ft. deep, course NE.; ascend.
78.54 125 ft. above reestablished standard $\frac{1}{2}$ sec. cor., intersect
the original standard cor. of Ts. 13 N., Rs. 10 and 11 W.,
a 3 in. iron post, with brass cap, marked and witnessed
as described, by the surveyor general.
Land, mountainous.
Soil, rocky, with scanty loam, 3rd rate.
Undergrowth, scattering palo verde and greasewood.
Timber, scattering juniper/

L.E.W.

For CERTIFICATE OF UNITED STATES SURVEYOR. & UNITED STATES TRANSITMEN,

See Book "A" of this Group.

I, _____, U. S. Surveyor, hereby certify upon honor 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 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

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, Jan. 20, 1919. ~~1918.~~

re-

The foregoing field notes of the survey of the Second Std. Parallel N., thru part of R.10 W., all of R.11 W., part of R.12 W.; Third Guide Mer.W., thru part of T.9 N., all of Tp.10 N., part of T.11 N.; 3rd. Std. Par. N., thru R.8 W., part of R.9 W., and all of R.10 W., and SURVEY of 3rd. Guide Mer.W., thru part of T.11 N., of the Gila and Salt River Base and Meridian, in the State of Arizona,

executed by L.E. Wilkes, U.S. Surveyor, and H.N. Bradstreet, James C. Hooper & Hugo Price, U. S. Transitmen, under ~~the~~ special instructions dated July 23, 1914, for Group 36, Arizona, ~~not~~ ^{resurveys &} 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.