

249
3329

Book "H".

4-679

original

FIELD NOTES

BOOK 3329

OF THE SURVEY OF

3329

Part of the North Boundary, and

Part of the Subdivision lines of

TOWNSHIP 9 NORTH, RANGE 3 EAST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Geo. F. Rigby.

3329

In the capacity of U. S. Surveyor, under Special Instructions dated January 20, 1916, issued by the United States Surveyor General to govern surveys included in Group No. 61, Arizona, which were approved by the Commissioner of the General Land Office, February 29, 1916, and Assignment Instructions dated November 25, 1916

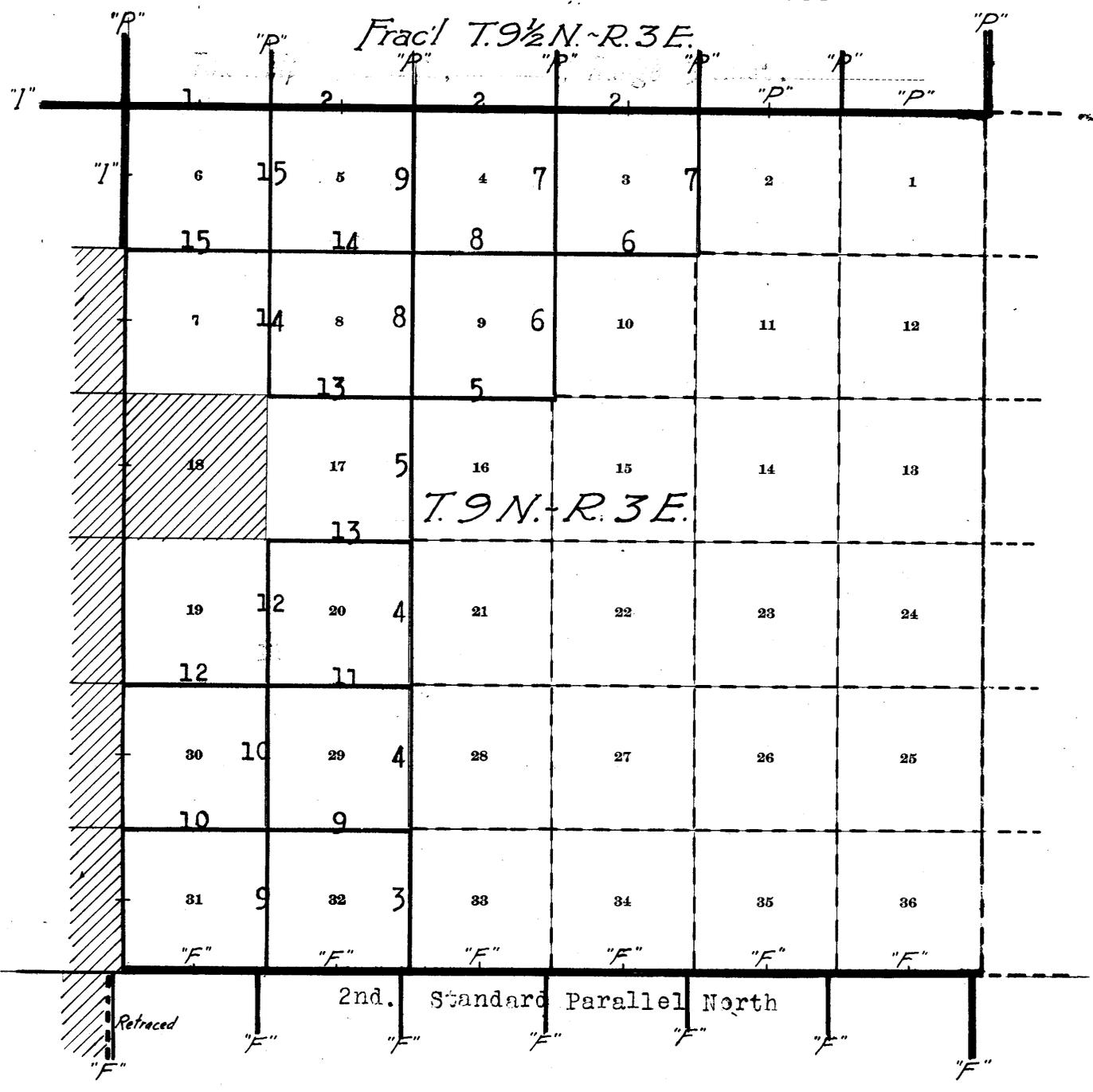
Survey commenced March 23, 1917.

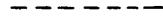
Survey completed April 2, 1917.

3329

BOOK 3329

INDEX DIAGRAM.



-  Lines surveyed under this group.
-  Lines, ^{retraced or} resurveyed under this group.
-  Accepted surveys.
-  Unsurveyed.
-  Areas surveyed as per accepted plats on file.

Survey of part of North bdy. of T. 9 N., R. 3 E. 1. B

Chains.

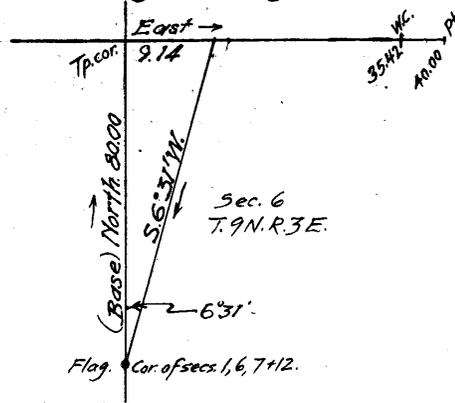
Survey executed by Geo. F. Rigby, U. S. Surveyor, on dates shown on page 18 hereof, using C. L. Berger transit No. 8947, without solar attachment. For description of instrument and certificate of approval, see Book "G". The courses of all lines surveyed in this township were determined from the prolongation by careful foresights and backsights, of the meridian transferred to the standard cor. of Ts. 9 N., Rs. 2 and 3 E., as described in book "H".

From the cor. of Ts. 9 and 9½ N., Rs. 2 and 3 E., which is an iron post, described in Book "I",

East on a true line, bet. secs. 6 and 31.

Over mountainous land, through scattering undergrowth.

Set a flag ahead on line, from which point a flag at the cor. of secs. 1, 6, 7 and 12, W. bdy. of T. 9 N., R. 3 E., brs. S. 6° 31' W. The distance triangulated is given by $\tan. 6° 31' \times 80.00 = .11423 \times 80.00 = 9.14$ chs.



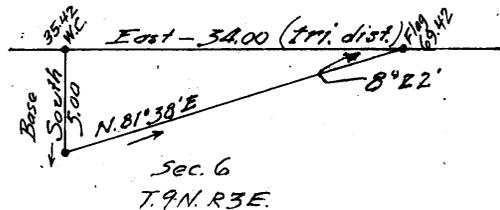
9.14 Top of rim rock, brs. N. and S. Thence over rolling land.

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

1/4 S31
S 6 WC
1917

And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

Set a flag ahead on line, and from the witness ¼ sec. cor., measure a base South 5 chs., from the south end of which the flag brs. N. 81° 38' E. The distance triangulated is given by $\cot. 8° 22' \times 5 = 6.79935 \times 5 = 34.00$ chs., which added to 35.42 chs., gives 69.42 chs. Note: In this triangulation, it was impossible to secure a longer base.



39.51 The true position for ¼ sec. cor. falls on inaccessible cliff, 300 ft. high.

50.00 Approximate bottom of canyon, 400 ft. deep, course S. Asc. 575 ft.

69.42 Triangulation point. Thence by chaining, over rolling land.

79.51 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, marked on brass cap

T9½N R3E
S31 | S32
S 6 | S 5
T9N
1917

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling mesa and cliffs.

Soil, rocky, 4th rate.

No timber.

Undergrowth, palo verde, mesquite, cat claw and cactus.

2.

Survey of Part of the

North Boundary of T. 9 N., R. 3 E.

Chains.

East on a true line, bet. secs. 5 and 32.
Over rolling mesa, through scattering undergrowth.
Desc. 145 ft.

15.22

Gulch, course SW. Thence over rolling land.

40.00

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

$\frac{1}{4}$ S32
S 5
1917

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

53.10

Desc. 465 ft.

64.00

Gulch, course SW. Asc. 415 ft.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, marked on brass cap

T9 $\frac{1}{2}$ N R3E
S32 | S33
S 5 | S 4
T9N
1917

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

Land, rolling mesa and rough mountainous.

Soil, rocky, 4th rate.

No timber.

Undergrowth, palo verde, mesquite, cat claw and cactus.

East on a true line, bet. secs. 4 and 33.
Over rolling land, through scattering undergrowth.
Asc. 45 ft.

5.00

Thence over rolling land.

29.95

Desc. 110 ft.

40.00

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

$\frac{1}{4}$ S33
S 4
1917

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

44.99

Gulch, course S.60°W. Asc. 65 ft.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, marked on brass cap

T9 $\frac{1}{2}$ N R3E
S33 | S34
S 4 | S 3
T9N
1917

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

Land, rolling.

Soil, 3rd rate; sandy loam, 7 ins. deep, on clay subsoil.

No timber or undergrowth.

East on a true line, bet. secs. 3 and 34.
Over rolling land, through scattering undergrowth.
Asc. 65 ft.

10.00

Thence over gently rolling land.

Survey of Part of the
North Boundary of T. 9 N., R. 3 E.

3.

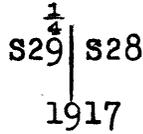
Chains. 40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap</p> $\begin{array}{r} \frac{1}{4} \text{ S34} \\ \hline \text{S 3} \\ 1917 \end{array}$ <p>And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p>
80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, marked on brass cap</p> $\begin{array}{r} \text{T9}\frac{1}{2}\text{N R3E} \\ \hline \text{S34 S35} \\ \hline \text{S 3 S 2} \\ \text{T9N} \\ 1917 \end{array}$ <p>And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.</p> <p>Land, rolling. Soil, 3rd rate, sandy loam, 6 ins. deep, on gravelly subsoil. No timber or undergrowth. East $\frac{1}{2}$ miles of this line surveyed as described in Book "P."</p>
<p>Subdivision of a Portion of T. 9 N., R. 3 E.</p>	
0.99 14.71 24.70 40.00	<p>From the standard cor. of secs. 32 & 33, on S. bdy. of Tp. (2nd Standard Parallel North, described in Book "F," N.0°2'W., bet. secs. 32 and 33. Over rolling land, through scattering undergrowth. Desc. 10 ft. Gulch, course W. Asc. 180 ft. Thence over rolling mesa. Desc. 485 ft. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap</p> $\begin{array}{r} \frac{1}{4} \\ \hline \text{S32 S33} \\ 1917 \end{array}$
51.44 60.51 74.75 80.00	<p>And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.</p> <p>Descend abruptly. Gulch, containing small stream of water, 1 lk. wide, 2 ins. deep, course W. Asc. 350 ft. Spur, slopes N.65°W. Desc. 150 ft. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, marked on brass cap</p> $\begin{array}{r} \text{T9N R3E} \\ \hline \text{S29 S28} \\ \hline \text{S32 S33} \\ 1917 \end{array}$ <p>And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.</p> <p>Land, rolling mesa and mountainous. Soil, rocky, 4th rate. No timber. Undergrowth, palo verde.</p>

4. Subdivision of a Portion of T. 9 N., R. 3 E.

Chains.

N.0°2'W., bet. secs. 28 and 29.
Over rough mountainous land, through scattering undergrowth.
Desc. 880 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap



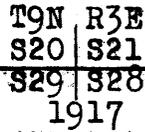
And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

47.55 Small creek, 4 lks. wide, 3 ins. deep, course NW. Asc. 60 ft.

55.87 Spur, slopes NW. Desc. 110 ft.

62.36 Squaw Creek, 25 lks. wide, 10 ins. deep, course W. Asc. 340 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, marked on brass cap



And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, rough mountainous.

Soil, rocky, 4th rate.

No timber.

Undergrowth, palo verde, mesquite and cactus.

N.0°2'W., bet. secs. 20 and 21.
Over extremely rough mountainous land, through scattering undergrowth.

Asc. 15 ft.

0.78 Set flag at this point, and proceed to a point ahead on line,

from which measure a base

S.89°58'W., 8.00 chs.--

impossible to secure

longer base-- from the

west end of which, flag

at 0.78 ch. point brs.

S.19°47 1/2'E. The dist-

and triangulated is given

by cot. 19°45 1/2' X 8.00 =

2.78396 X 8.00 = 22.27

chs., which added to

0.78 chs., gives 23.05

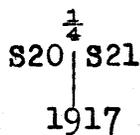
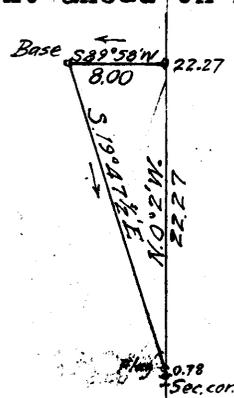
chs. Vertical angle of line triangulated over is +27°.

23.05 Triangulation point, 750 ft. above first triangulation

point. Asc. 35 ft.

28.00 Thence over rolling mesa.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap



And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

46.70 Enter reservoir, brs. E. and W.

51.70 Leave reservoir, brs. E. and W. Asc. 40 ft.

61.68 Low ridge, brs. E. and W. Desc. gradually.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, marked on brass cap

Subdivision of a
Portion of T. 9 N., R. 3 E.

5.

Chains.

T9N R3E
S17 | S16
S20 | S21
1917

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Land, first 30 chs., rough rocky mountainous, rim rock, 70 ft. high.
Soil, rocky, 3rd and 4th rates.
No timber.
Undergrowth, palo verde and cat claw.

29.82
40.00

N.0°2'W., bet. secs. 16 and 17.
Over rolling mesa, through scattering undergrowth.
Desc. 145 ft.
Gulch, course N.65°W. Asc. 80 ft.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

¼
S17 | S16
1917

45.00
52.93
80.00

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Spur, slopes W. Desc. 40 ft.
Gulch, course SW. Asc. 170 ft.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, marked on brass cap

T9N R3E
S 8 | S 9
S17 | S16
1917

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Land, rolling mesa.
Soil, rocky, 3rd and 4th rates; sandy loam, 8 ins. deep, on rocky subsoil.
No timber.
Undergrowth, cactus.

24.95
40.00

East on a true line, bet. secs. 9 and 16.
Over rolling land,
Asc. 65 ft.
Ridge, brs. NE. and SW. Desc. 465 ft.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

¼ S 9
S16
1917

45.16
62.84
80.00

And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
Wire fence, brs. NW. and SE.
Gulch, course NW. Asc. 400 ft.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, marked on brass cap

Subdivision of a Portion of
T. 9 N., R. 3 E.

6.

Chains.

T9N R3E
S 9 | S10
S16 | S15
1917

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

Land, rolling and rough mountainous.

Soil, 3rd and 4th rates.

No timber or undergrowth.

Fair grass.

17.70

N.0°2'W., bet. secs. 9 and 10.

Over rolling mountainous land, ~~then~~

Desc. 530 ft.

37.32

Larry Creek, small stream of water, 7 lks. wide, 8 ins. deep, course W. Asc. 665 ft.

40.00

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

$\frac{1}{4}$
S 9 | S10
1917

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

57.61

Edge of mesa, brs. NW. and E. Thence over rolling land. Desc. 100 ft.

74.55

Gulch, course SW. Asc. 140 ft.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, marked on brass cap

T9N R3E
S 4 | S 3
S 9 | S10
1917

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

Land, rolling mountainous.

Soil, rocky, 4th rate.

No timber or undergrowth.

East on a true line, bet. secs. 3 and 10.

Over mountainous land, through scattering undergrowth.

Desc. 65 ft.

4.80

Gulch, course SW. Asc. 175 ft.

19.50

Ridge, brs. NE. and SW. Desc. 460 ft.

40.00

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

$\frac{1}{4}$ S 3
S10
1917

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

50.51

Gulch, course SW. Asc. 475 ft.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, marked on brass cap

Subdivision of a
Portion of T. 9 N., R. 3 E.

7.

chains.

T9N	R3E
S 3	S 2
S10	S11
1917	

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, palo verde, mesquite and cactus.

40.00 N.0°1'W., on a random line, bet. secs. 2 and 3.
Set temp. ¼ sec. cor.
79.53 Intersect N. bdy. of Tp., 41 lks. E. of the cor. of secs. 2, 3, 34 and 35, hereinbefore described.
Thence
36.00 S.0°19'E., on a true line, bet. secs. 2 and 3.
Over rolling mesa.
39.53 Desc. 245 ft.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

S 3	S 2
1917	

From which
A cedar, 9 ins. diam., brs. S.62°E., 219 lks. dist., marked ¼S2 BT.
A cedar, 10 ins. diam., brs. S.10°W., 218 lks. dist., marked ¼S3 BT.
46.22 Gulch, course SW. Asc. 155 ft.
55.78 Low spur, slopes W. Desc. 195 ft.
67.12 Gulch, course W. Asc. 225 ft.
73.55 Thence over rolling land.
79.53 The cor. of secs. 2, 3, 10 and 11.
Land, rolling and mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, cedar.

From the cor. of secs. 3, 4, 9 and 10, hereinbefore described,
40.00 N.0°2'W., on a random line, bet. secs. 3 and 4.
Set temp. ¼ sec. cor.
79.74 Intersect N. bdy. of Tp., 35 lks. E. of the cor. of secs. 3, 4, 33 and 34, hereinbefore described.
Thence
19.74 S.0°17'E., on a true line, bet. secs. 3 and 4.
Over mountainous land.
Asc. 55 ft.
39.74 Thence over rolling mesa.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

S 4	S 3
1917	

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
69.93 Desc. 105 ft.
79.74 The cor. of secs. 3, 4, 9 and 10.

Subdivision of a Portion of
T. 9 N., R. 3 E.

8.

Chains.

75.77

Land, rolling mesa and mountainous.
Soil, sandy loam, 8 ins. deep, rocky subsoil; 3rd rate.
No timber.
No undergrowth.
Fair grass.

7.77
36.41
40.00

From the cor. of secs. 8, 9, 16 and 17, hereinbefore described,
N.0°2'W., bet. secs. 8 and 9.
Over rolling mesa, through scattering undergrowth.
Asc. 25 ft.
Edge of rim rock, brs. E. and W. Desc. 770 ft.
Larry Gulch, course W. Asc. 855 ft.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
S 8 | S 9
1917

63.22
80.00

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Top of rim rock, brs. E. and W. Thence over rolling mesa.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, marked on brass cap

T9N R3E
S 5 | S 4
S 8 | S 9
1917

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, rolling mesa and mountainous.
No timber.
Undergrowth, palo verde, mesquite, cat claw and cactus.
Soil, 4th rate.

40.00
79.96

East on a random line, bet. secs. 4 and 9.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, 23 lks. S. of the cor. of secs. 3, 4, 9 and 10.
Thence
S.89°50'W., on a true line, bet. secs. 4 and 9.
Over mountainous land, through scattering undergrowth.
Asc. 60 ft.

5.91
39.98

Spur, slopes S. Desc. 490 ft.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S 4
S 9
1917

54.29
79.96

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
Gulch, course S. Asc. 525 ft.
The cor. of secs. 4, 5, 8 and 9.
Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, palo verde, mesquite, cat claw and cactus.

Subdivision of a Portion of
T. 9 N., R. 3 E.

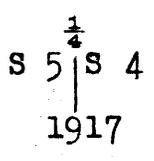
Chains.

40.00
80.00

N.0°2'W., on a random line, bet. secs. 4 and 5.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. bdy. of Tp., 35 lks. E. of the cor. of secs.
4, 5, 32 and 33, hereinbefore described.

28.62
40.00

Thence
S.0°17'E., on a true line, bet. secs. 4 and 5.
Over rolling mountainous land, through
Desc. 165 ft.
Head of Lousy Gulch, course W. Asc. 235 ft.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

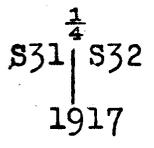


65.00
80.00

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
of cor.
Thence over rolling mesa.
The cor. of secs. 4, 5, 8 and 9.
Land, rolling and rolling mountainous.
Soil, sandy loam, 7 ins. deep, on gravelly subsoil, 3rd rate.
No timber or undergrowth.

7.41
10.86
22.25
32.04
40.00

From the standard cor. of secs. 31 and 32, on S bdy. of Tp.
(and S bdy. of Parallel N.) described in Book "P,"
N.0°3'W., bet. secs. 31 and 32.
Over rolling mountainous land, through scattering under-
growth.
Asc. 80 ft.
Spur, slopes W. Desc. 40 ft.
Wash, course N.75°W. Asc. 105 ft.
Spur, slopes W. Desc. 230 ft.
Gulch, course W. Asc. 175 ft.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



41.00
77.47
80.00

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
of cor.
Spur, slopes W. Desc. 830 ft.
Gulch, course N.75°W. Asc. 20 ft.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 29, 30, 31 and 32, marked on
brass cap



And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
of cor..
Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, palo verde, mesquite and cactus.

40.00
80.00

East on a random line, bet. secs. 29 and 32.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, 11 lks. N. of the cor. of secs.
28, 29, 32 and 33.

Subdivision of a Portion of
T. 9 N., R. 3 E.

10.

Chains.

Thence
N. 89° 55' W., on a true line, bet. secs. 29 and 32.
Over mountainous land, through scattering undergrowth.
Asc. 125 ft.

5.70 Edge of mesa, brs. NW. and SE. Thence over rolling land.
12.70 Edge of rim rock, brs. NE. and SW. Desc. 350 ft.
29.76 Wash, course N. 15° W., Asc. 35 ft.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S29
 $\frac{1}{4}$ S32
1917

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

43.96 Spur, slopes NW. Desc. 530 ft.
80.00 The cor. of secs. 29, 30, 31, and 32. diam., 26 ins.
Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, palo verde, mesquite and cactus.

40.00 West on a random line, bet. secs. 30 and 31.
Set temp. $\frac{1}{4}$ sec. cor.
79.86 Intersect W. bdy. of Tp., at original cor. of secs. 25, 30, 31
and 36, which is an iron post, properly set, marked and
witnessed as described by the Surveyor-General.

Thence
East on a true line, bet. secs. 30 and 31.
Over mountainous land, through scattering undergrowth.
Asc. 130 ft.

31.42 Spur, slopes N. Desc. 55 ft.
39.25 Gulch, course NW. Asc. 70 ft.
39.86 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S30
 $\frac{1}{4}$ S31
1917

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

42.11 Desc. 110 ft.
67.00 Enter gulch, course NW.
70.00 Leave gulch, course NW. Asc. 105 ft.
79.86 The cor. of secs. 29, 30, 31 and 32.
Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, palo verde, cactus and cat claw.

N. 0° 3' W., bet. secs. 29 and 30.
Over rough mountainous land, through scattering undergrowth.
Asc. 445 ft.

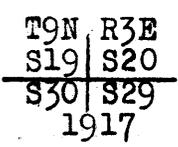
1.97 Top of sandstone cliff, 80 ft. high. Continue ascent.
8.65 Rocky spur, slopes W. Desc. 635 ft.
30.75 Squaw Creek, 20 lks. wide, 1 ft. deep, course W. Asc.
980 ft.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

S30 | S29
|
1917.

Subdivision of a Portion of
T. 9 N., R. 3 E.

Chains.

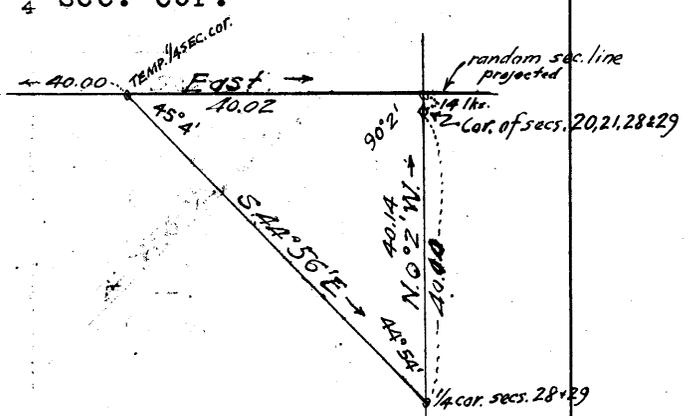
80.00 And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, marked on brass cap



And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Land, extremely rough mountainous.
Soil, 4th rate.
No timber.
Undergrowth, palo verde and cat claw.

36.00 From a point 6.54 chs. N.0°3'W. of the cor. of secs. 19,
20, 29 and 30,
40.00 East on a random line, through sec. 20.
Over rolling land, through scattering undergrowth.
Desc. 145 ft.
Thence S.0°3'E., descending 295 ft., to a point on the random line, due East of the cor. of secs. 19, 20, 29 and 30, and set temp. ¼ sec. cor.

From this temp. ¼ sec. cor., the ¼ sec. cor. bet. secs. 28 and 29 is plainly visible and brs. S.44°56'E.
The cor. of secs. 20, 21, 28 and 29 is visible, the random line falling 14 lks. N. of this cor.
The distance to this cor. is given as follows:

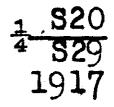


$$\frac{\sin 44^{\circ} 54' \times 40.14}{\sin 45^{\circ} 4'} = \frac{.70587 \times 40.14}{.70793} =$$

80.02 40.02 chs., which added to 40.00 chs., gives for the total length of this mile
Fall 14 lks. N. of the cor. of secs. 20, 21, 28 and 29.

Thence N.89°54'W., on a true line, bet. secs. 20 and 29.
Over very rough mountainous rim rock cliffs, distance by triangulation and offset.

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



And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

80.02 Thence on offset line, N. 0° 3' W., 6.54 chs.; thence N.89°54'W., 40.01 chs.; thence S.0°3'E., 6.54 chs. to the cor. of secs. 19, 20, 29 and 30.
Land, very rough mountainous.--Soil, rocky, 4th rate.
No timber or undergrowth.

From a point 6.54 chs. N.0°3'W. of the cor. of secs. 19, 20, 29 and 30,
S.63°45'W., 15.23 chs., to a point 0.19 chs. S. and 13.66 chs. W. of the cor. of secs. 19, 20, 29 and 30.

Subdivision of a Portion of
T. 9 N., R. 3 E.

12.

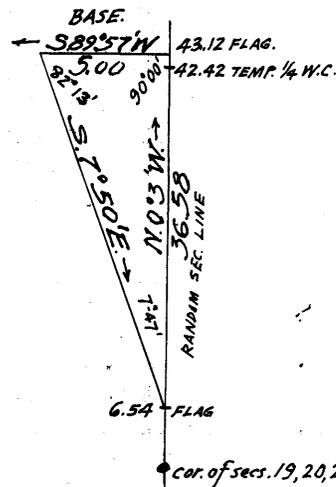
Chains.

Thence, continuing measurement,
S. 89° 45' W., on a random line, bet. secs. 19 and 30.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.69 Intersect W. bdy. of Tp., at original cor. of secs. 19, 24, 25
and 30, which is an iron post, properly set, marked
and witnessed as described by the Surveyor-General.
Thence
N. 89° 39' E., on a true line, bet. secs. 19 and 30.
Over rough mountainous land, through dense undergrowth.
Desc. 35 ft.
6.92 Gulch, course N. 15° W. Asc. 1035 ft.
39.69 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S19
S30
1917

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N.
of cor.
66.03 Top of mesa, brs. N. 63° E. and S. 63° W. Thence on traverse
line.
79.69 The cor. of secs. 19, 20, 29 and 30.
Land, very rough mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, palo verde, mesquite and ocotillo.

6.54 N. 0° 3' W., on a random line, bet. secs. 19 and 20.
Edge of mesa, brs. E. and W. Flag this point and set
a flag ahead on line,
from which measure
a base S. 89° 57' W.,
5.00 chs.--impossible
to secure longer base--
from the west end of which the
which the flag at the
6.54 ch. point brs.
S. 7° 50' E. The distance
triangulated is given
by cot. 7° 47' X 5.00 =
7.31600 X 5.00 = 36.58
chs., which added to
6.54 chs., gives 43.12
chs.



42.42 Set temp. witness cor. to $\frac{1}{4}$ sec. cor.
43.12 Triangulation point.
79.60 Fall 13 lks. W. of the cor. of secs. 17, 18, 19 and 20,
which is an iron post, properly set, marked and witnessed
as described by the Surveyor-General.
Thence
S. 0° 3' W., on a true line, bet. secs. 19 and 20.
Over rolling mesa, through scattering undergrowth.
37.18 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for witness cor. to $\frac{1}{4}$ sec. cor., marked on brass
cap

$\frac{1}{4}$
S19 | S20
W.C
1917

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
of cor.
Thence by triangulation, approximate topography.
Desc. 500 ft.
52.60 Gulch, course S. 80° W. Asc. 500 ft.
73.06 Edge of mesa, brs. N. 80° E. and S. 80° W. Desc. 170 ft.,
over chained line.
78.31 Top of cliff, 80 ft. high, brs. E. and W. Desc.

Subdivision of a Portion of
T. 9 N., R. 3 E.

13.

Chains. 79.60	The cor. of secs. 19, 20, 29 and 30. Land, rolling mesa and mountainous. Soil, rocky, 3rd and 4th rates. No timber. Undergrowth, cat claw and cactus.
40.00 80.10	From the cor. of secs. 17, 18, 19 and 20, East, on a random line, bet. secs. 17 and 20. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 27 lks. S. of the cor. of secs. 16, 17, 20 and 21. Thence S. $89^{\circ}48'W.$, on a true line, bet. secs. 17 and 20. Over rolling mesa, through scattering undergrowth.
40.05	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\begin{array}{r} \frac{1}{4} S17 \\ \frac{1}{4} S20 \\ \hline 1917 \end{array}$
80.10	And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. The cor. of secs. 17, 18, 19 and 20. Land, rolling mesa. Soil, sandy loam, 7 ins. deep, on gravelly subsoil; 3rd rate. No timber. Undergrowth, cactus. Fair grass.
40.00 80.10	From original cor. of secs. 7, 8, 17 and 18, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General, N. $89^{\circ}48'E.$, on a random line, bet. secs. 8 and 17. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 5 lks. N. of the cor. of secs. 8, 9, 16 and 17. Thence
34.90 40.05	S. $89^{\circ}50'W.$, on a true line, bet. secs. 8 and 17. Over rolling mesa, through scattering undergrowth. Desc. 150 ft. Thence over rolling land. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\begin{array}{r} \frac{1}{4} S 8 \\ \frac{1}{4} S17 \\ \hline 1917 \end{array}$
76.30 80.10	And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Desc. 90 ft. The cor. of secs. 7, 8, 17 and 18. Land, rolling mesa. Soil, sandy loam, 7 ins. deep, on gravelly subsoil; 3rd rate. No timber. Undergrowth, cat claw, palo verde and cactus. Fair grass.

Subdivision of a Portion of
T. 9 N., R. 3 E.

14.

Chains.

N.0°3'W., bet. secs. 7 and 8.
Over mountainous land, through scattering undergrowth.
Desc. 735 ft.

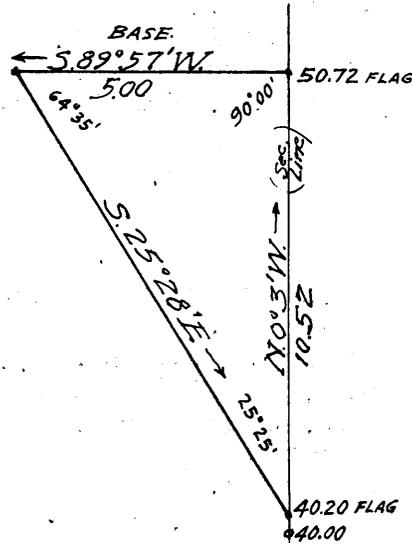
25.57 Larry Creek, 10 lks. wide, 8 ins. deep, course W. Asc.
385 ft.

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

S 7 | S 8
1917

And raise a mound of stone, 2 ft. base, 1½ ft. high, W.
of cor.

40.20 Foot of cliffs. Flag
this point and set
a flag ahead on line,
from which measure
a base, S.89°57'W.,
5.00 chs.--(impossible
to secure longer base)--
from the west end of
which, flag at 40.20
ch. point brs. S.25°
28'E. The distance
triangulated is given
by cot. 25°25' X 5.00=
10.52 chs., which
added to 40.20 chs.,
gives 50.72 chs. The
vertical angle is
+35°.



50.72 Top of rim rock, brs. E. and W., 490 ft. above 40.20
ch. point. Thence over rolling mesa.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 5, 6, 7 and 8, marked on
brass cap

T9N R3E
S 6 | S 5
S 7 | S 8
1917

And raise a mound of stone, 2 ft. base, 1½ ft. high, W.
of cor.

Land, rolling mesa and rough mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, cat claw, mesquite and palo verde.

40.00 N.89°50'E., on a random line, bet. secs. 5 and 8.
Set temp. ¼ sec. cor.

80.10 Intersect N. and S. line, 16 lks. N. of the cor. of secs.
4, 5, 8 and 9.

Thence
S.89°57'W., on a true line, bet. secs. 5 and 8.
Over rolling mesa, through scattering undergrowth.

20.00 Desc. 290 ft.

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

1 | S 5
¼ | S 8
1917

And raise a mound of stone, 2 ft. base, 1½ ft. high, N.
of cor.

80.10 The cor. of secs. 5, 6, 7 and 8.
Land, rolling mesa.

Subdivision of a Portion of
T. 9 N., R. 3 E.

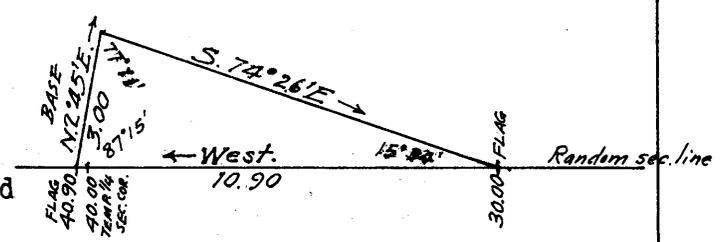
15.

Chains.

Soil, rocky, 3rd rate.
No timber.
Undergrowth, cat claw and cactus.
Fair grass.

30.00

West on a random line, bet. secs. 6 and 7.
Edge of mesa, brs. N. and S. Flag this point, and set
a flag ahead on line,
from which measure
a base N.2°45'E., 3.00
chs.--impossible to
secure longer base--
from the north end
of which the flag at
the 30.00 ch. point
brs. S.74°26'E. The
distance triangulated
is given by



$$\frac{\sin 77^{\circ} 11' \times 3.00}{\sin 15^{\circ} 34'} = \frac{.97508 \times 3.00}{.26836}$$

10.90 chs., which added to 30.00 chs., gives 40.90 chs.
The vertical angle is -30°.

40.00
40.90
79.81

Set temp. 1/4 sec. cor.
Triangulation point.
Intersect W. bdy. of Tp., 5 lks. N. of the cor. of secs.
1, 6, 7 and 12, which is an iron post, properly set,
marked and witnessed as described by the Surveyor-
General.

Thence
N.89°58'E., on a true line, bet. secs. 6 and 7.
Over mountainous land, through
Asc. 70 ft.

3.68
11.64
39.81

Spur, slopes S.15°W. Desc. 230 ft.
Wash, course S.15°W. Asc. 775 ft.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for 1/4 sec. cor., marked on brass cap

1/4 S 6
S 7
1917

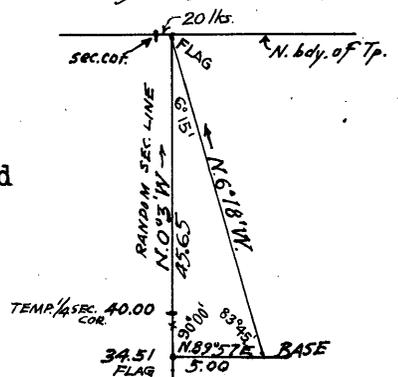
And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N.
of cor.

49.81
79.81

Thence by triangulation, asc. 405 ft.
Edge of mesa, brs. N. and S. Thence over rolling mesa.
The cor. of secs. 5, 6, 7 and 8.
Land, rolling mesa and mountainous.
Soil, rocky, 3rd and 4th rates.
No timber or undergrowth.

34.51
40.00

N.0°3'W., on a random line, bet. secs. 5 and 6;
Set flag for triangulation.
Set temp. 1/4 sec. cor. Discontinue chaining & triangulate as follows:
Set flag on N. bdy. of Tp. at 20 lks. E. of cor. of secs. 5, 6, 7 & 8 and N.0°3'W. from
flag left at 34.51 ch. station. From flag at 34.51 ch. sta, measure a base N.89°57'E.
5.00 chs. (Unable to secure
a longer base)--from
the E. end of which
flag to the north
brs. N.6°18'W. The
distance triangulated
is given by



16.

Subdivision of a Portion of
T. 19 N., R. 3 E.

Chains.

80.16 cot. $6^{\circ}15'$ X 5.00 = 9.13093 X 5.00 = 45.65 chs., which added to 34.51 chs., gives
Fall 20 lks. E. of the cor. of secs. 5, 6, 31 and 32, on N. bdy. of Tp., hereinbefore described.
Thence
S. $0^{\circ}12'E.$, on a true line, bet. secs. 5 and 6.
Over rough mountainous land, through scattering undergrowth. Distance by triangulation.
Desc. 500 ft.

30.00 Canyon, Lousy Creek, course S. $45^{\circ}W.$ Asc. 780 ft.

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

$\frac{1}{4}$
 S 6 | S-5
 1917

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Thence by chaining.

45.31 Desc. 205 ft.

80.16 The cor. of secs. 5, 6, 7 and 8.
Land, rolling mesa and mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, palo verde, cat claw and cactus.

Boundaries of that Portion of T. 9 N., R. 3 E., Subdivided
Under Group 61, Arizona.
Latitudes, departures and closing errors.

Line designated.	True bearing.	Dist. chs.	Latitudes.		Departures.	
			N. chs.	S. chs.	E. chs.	W. chs.
South Boundary (2nd Std. Par. N.)	West.	160.00				160.00
West Boundary	North	480.00	480.00			
North Boundary	East	319.51			319.51	
Subdivisional Boundary.	S. $0^{\circ}19'E.$	79.53		79.53	.44	
	West	80.00				80.00
	S. $0^{\circ}2'E.$	80.00		80.00	.05	
	West	80.00				80.00
	S. $0^{\circ}2'E.$	320.00		320.00	.18	
Convergency					.20	
Totals			480.00	479.53	320.38	320.00
Error in latitude			479.53		320.00	
Error in departure					.47	.38

Chains.

General Description.

This fractional township is exceedingly rough, lying on the breaks of the Agua Fria River and Squaw Creek. The country east of the Agua Fria and north of Squaw Creek is a mesa, about 1000 ft. above the streams and all cut up with deep canyons.

The slopes to the mesa are very steep and rough and are topped by a rim rock which averages 100 ft. high.

There is no timber, but considerable dense palo verde and mesquite brush on the slopes. The top of the mesa is bare of undergrowth and has a very fair growth of forage grass.

The only agricultural land is a narrow strip in the valley of the Agua Fria, settled on by Joseph Schell. There is some fair soil, of red clay, on top of the mesa, but no chance to get water onto it.

The country is well watered by Squaw Creek and two small creeks which flow into the Agua Fria. There are two water tanks on top of the mesa, making a very good stock range of this strip.

There seem to be few indications of mineral, the rock being mostly lava.

Book "H".

Group 61 - - - Arizona.

Date Diagram.

T. 9 N., R. 3 E.

	3/28/17	3/28/17	3/30/17	3/30/17		
	6 3/27/17 A/2/17	5 A/2/17 3/30/17	4 A/2/17 A/2/17	3 3/31/17 3/31/17	2	1
	7 3/27/17	8 3/27/17 3/30/17	9 3/31/17 3/31/17	10	11	12
	18	17 3/27/17 3/23/17	16	15	14	13
	19 3/26/17 3/24/17	20 3/26/17 3/23/17	21	22	23	24
	30 3/29/17 3/24/17	29 3/29/17 3/23/17	28	27	26	25
	31 3/24/17	32 3/23/17	33	34	35	36
	2nd Standard Parallel North					

Resurveys and surveys executed by Geo. F. Rigby, U. S. Surveyor, on the dates shown on the above diagram.

20

For

CERTIFICATE OF UNITED STATES SURVEYOR.

See Book "E" of this Group.

I, Geo. F. Rigby, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Group 61, Arizona, bearing date of the 14th day of October, 1915, 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 the North boundary and subdivision lines of
TOWNSHIP 9 NORTH, RANGE 3 EAST,
of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me, and under my direction; and 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 Group 61, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

BOOK 3329

U. S. Surveyor

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, May 14, 1920.

The foregoing field notes of the survey of

Parts of the North boundary and subdivision lines of

TOWNSHIP 9 NORTH, RANGE 3 EAST,

of the Gila and Salt River Base and Meridian, in the State of Arizona,

executed by George F. Rigby, U. S. Surveyor,

under ~~his~~ special instructions dated January 20, 1916, for Group 61, Arizona, 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.~~