

3093

Book "G."

4-679

349

(1)

BOOK 3093

FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION LINES

of

TOWNSHIP 22 NORTH, RANGE 14 WEST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Otis Ross, U. S. Surveyor, and

A. Parker Warner, U. S. Transitman,

~~In the capacity of U. S. Surveyor~~, under instructions dated February 23, 1915, issued by the United States Surveyor General to govern surveys included in Group No. 51, which were approved by the Commissioner of the General Land Office, March 3, 1915.

Survey commenced May 3, 1916.

Survey completed May 13, 1916.

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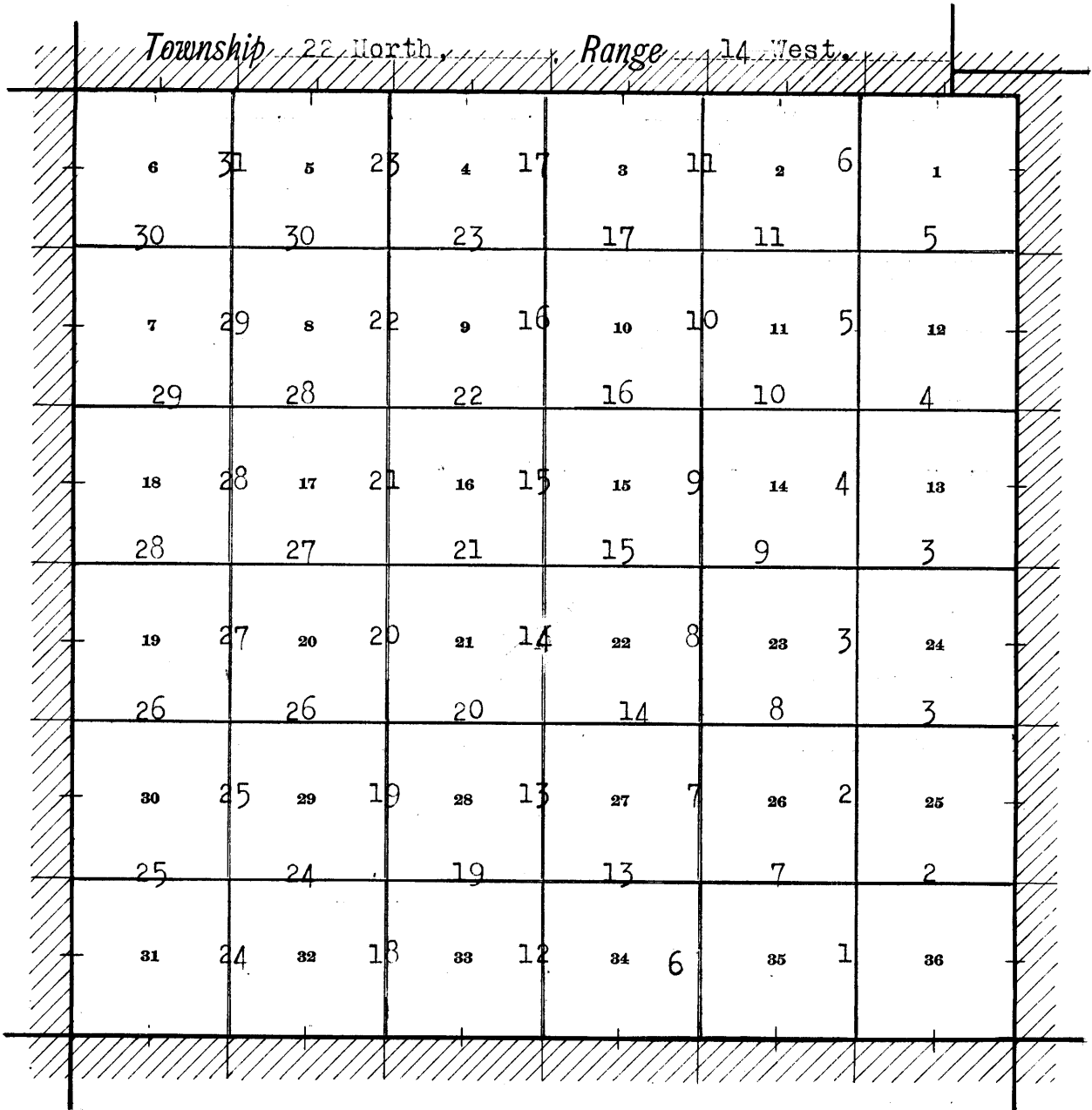
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3093
Book "G."

Group 51 - - - Arizona.

INDEX DIAGRAM.



6-151

— Subdivision lines surveyed under this group.

— Accepted surveys.

▨ Areas surveyed as per accepted plats on file.

Subdivision of T. 22 N., R. 14 W.

16

Chains

Survey executed jointly by Otis Ross, U. S. Surveyor, and A. Parker Warner, U. S. Transitman, using Young and Sons' light mountain transits numbers 6856 and 8526 respectively; both instruments being equipped with Smith solar attachments. The horizontal limbs are provided with two double verniers, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

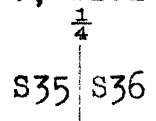
The instruments were approved, subject to satisfactory field tests, by the assistant supervisor of surveys, on November 29, 1915.

The instruments were tested in the field on Dec. 7, 1915, near the S. bdy. of sec. 34, in T. 14 N., R. 13 W., preparatory to beginning work on Group 49, being found in satisfactory condition; and the adjustments were examined and maintained throughout the work on that group by comparison with meridians determined by observations on Polaris at elongation; work on Group 51, hereinafter described, being commenced immediately thereafter, with instruments in good adjustment.

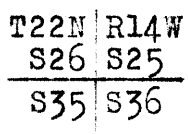
The magnetic declination in this township is 15°50'E.

Beginning at the cor. of secs. 1, 2, 35 and 36, on S. bdy. of the Tp., which is an iron post, 3 ins. diam., with brass cap, marked, set, and witnessed as described by the surveyor general;

- 12.00 Wash, course SE.
- 22.00 Spur slopes SE.
- 27.90 Draw, course SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



- 50.47 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
- 80.00 Wash, course SE.
- Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, with brass cap, marked



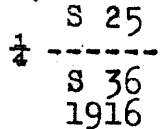
1916 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

Land, level and rolling.
Soil, gravelly; 4th rate.
No timber.
Undergrowth, cedar, scrub oak, crucifixion thorn, cactus, and catclaw.
Grass, fair.

Chains

40.00 East, on a random line, bet. secs. 25 and 36.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect E. bdy. of Tp. 6 lks. N. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, 3 ins. diam., with brass cap, marked, set and witnessed as described by the surveyor general.

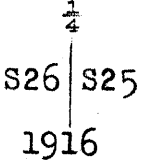
Thence N.89°57'W., on a true line, bet. secs. 25 and 36, over rolling land, through scattering undergrowth.
 3.05 Wash, course SE.
 6.54 Road bears NW. and SE.
 21.00 Spur slopes SE.
 24.00 Wash, course SE.
 36.00 Spur slopes SE.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



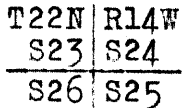
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 49.05 Wash, course SE.
 68.00 Spur slopes SE.
 80.00 The cor. of secs. 25, 26, 35 and 36.

Land, rolling and level.
 Soil, rocky; and gravelly; 4th rate.
 No timber.
 Undergrowth, cedar, catclaw, crucifixion thorn, cactus, catclaw and scrub oak.
 Grass, fair.

N.0°01'W., bet. secs. 25 and 26, over rolling and level land, through scattering undergrowth.
 8.00 Spur slopes E.
 11.97 Wash, course E.
 15.94 Spur slopes E.
 19.89 Wash, course SE.
 27.87 Spur slopes S.70°E.
 36.83 Wash, course SE.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



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.
 48.00 Spur slopes SE.
 52.00 Draw, course SE.
 58.45 Spur slopes SE.
 63.93 Wash, course SE.
 71.90 Low spur slopes SE.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, with brass cap, marked



1916
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, level and rolling. Soil, gravelly; 4th rate.
 No timber. Undergrowth, cactus, catclaw, palo verde and scrub oak. Grass, fair.

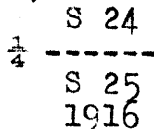
Subdivision of T. 22 N., R. 14 W.

Chains

40.00 East, on a random line, bet. secs. 24 and 25.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.84 Intersect E. bdy. of Tp. 11 lks. N. of the cor. of secs. 19, 24, 25 and 30, which is an iron post, 3 ins. diam., with brass cap, marked, set, and witnessed as described by the surveyor general.

Thence N.89°55'W., on a true line, bet. secs. 24 and 25, over slightly rolling land, through scattering undergrowth.

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



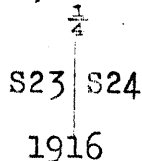
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

79.84 The cor. of secs. 23, 24, 25 and 26.

Land, level and rolling.
 Soil, rocky and gravelly; 4th rate.
 No timber.
 Undergrowth, cactus, catclaw, greasewood, scrub oak and scrub cedar.
 Grass, poor.

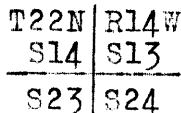
N.0°01'W., bet. secs. 23 and 24, over slightly rolling land, through dense undergrowth.

3.00 Wash, course NE.
 8.00 Low spur slopes E.
 20.82 Road bears NE. and SW.
 36.00 Small draw, course E.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



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.

44.00 Draw, course E.
 48.00 Spur slopes E.
 52.00 Draw, course E.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor: of secs. 13, 14, 23 and 24, with brass cap, marked



1916
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, level and slightly rolling.
 Soil, gravelly; 4th rate.
 No timber.
 Undergrowth, crucifixion thorn, cedar and oak.
 Grass, fair.

40.00 East, on a random line, bet. secs. 13 and 24.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect E. bdy. of Tp. 9 lks. S. of the cor. of secs.

4

Subdivision of T. 22 N., R. 14 W.

Chains

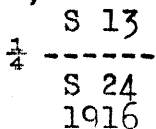
13, 18, 19 and 24, which is an iron post, 3 ins. diam., with brass cap, marked, set, and witnessed as described by the surveyor general.

36.00
40.00

Thence S.89°56'W., on a true line, bet. secs. 13 and 24, over nearly level land, through dense undergrowth.

Small draw, course NE.

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



dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

54.00
72.00
80.00

Road bears NE. and SW.

Small wash, course NE.

The cor. of secs. 13, 14, 23 and 24.

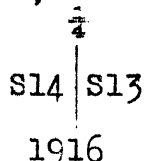
Land, nearly level.
Soil, gravelly and sandy; 4th rate.
No timber.
Undergrowth, catclaw, cactus, cedar and oak.
Grass, fair.

32.00
40.00

N.0°01'W., bet. secs. 13 and 14, over nearly level land, through scattering undergrowth.

Wash, course E.

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



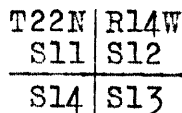
dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

44.00
64.00
80.00

Low spur slopes E.

Wash, course E.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, with brass cap, marked



1916

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

Land, nearly level.
Soil, sandy; 4th rate.
Timber, none.
Undergrowth, crucifixion thorn, cedar, oak, cactus and catclaw.
Grass, poor.

40.00
80.00

East, on a random line, bet. secs. 12 and 13.

Set temp. $\frac{1}{4}$ sec. cor.

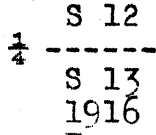
Intersect E. bdy. of Tp. 8 lks. S. of the cor. of secs. 7, 12, 13 and 18, which is an iron post, 3 ins. diam., with brass cap, marked, set, and witnessed as described by the surveyor general.

Thence S.89°57'W., on a true line, bet. secs. 12 and 13, over level land, through scattering undergrowth.

Subdivision of T. 22 N., R. 14 W.

Chains

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



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

80.00 The cor. of secs. 11, 12, 13 and 14.

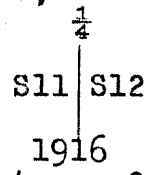
Land, level.
Soil, gravelly; 4th rate.
No timber.
Undergrowth, crucifixion thorn, catclaw, cactus, cedar, and scrub oak. Grass, poor.

N.0°01'W., bet. secs. 11 and 12, over level land, through dense undergrowth.

24.00 Small draw, course E.

38.00 Low spur slopes E.

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



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

48.00 Wash, course E.

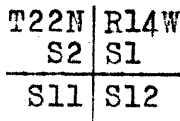
54.45 Spur slopes NE.

59.90 Wash, course NE.

67.87 Point of spur sloping E.

71.80 Wash, course E. Asc. 100 ft. on steep slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, with brass cap, marked



1916 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, level and rolling.
Soil, rocky; 4th rate.
No timber.
Undergrowth, cedar, crucifixion thorn, oak, catclaw and cactus. Grass, poor.

40.00 East, on a random line, bet. secs. 1 and 12.

80.00 Set temp. 1/4 sec. cor.

Intersect E. bdy. of Tp. 40 lks. S. of the cor. of secs. 1, 6, 7 and 12, which is an iron post, 3 ins. diam., with brass cap, marked, set, and witnessed as described by the surveyor general.

Thence S.89°43'W., on a true line, bet. secs. 1 and 12, over rolling broken hills, through scattering undergrowth.

12.03 Wash, course NW.

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

6

Subdivision of T. 22 N., R. 14 W.

Chains

S 1
 $\frac{1}{4}$ -----
 S 12
 1916

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.
 46.00 Point of spur sloping NE. Desc. 50 ft.
 52.40 Wash, course NE. Asc. 260 ft. on S~~E~~. slope.
 80.00 The cor. of secs. 1, 2, 11 and 12.

Land, level and rolling.
 Soil, sandy and rocky; 4th rate.
 No timber.
 Undergrowth, cactus, catclaw, crucifixion thorn and cedar.
 Grass, fair.

N.0°01'W., on a true line, bet. secs. 1 and 2,
 over roughly rolling land, through scattering undergrowth.
 Asc. 85 ft. on S. slope.
 3.75 Top of spur sloping E. Desc. gradually.
 9.00 Desc. 280 ft., on steep slope.
 23.00 Gulch, course E. Asc. 300 ft. on S. slope.
 34.00 Top of spur slopes E. Desc. N. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$
 S2 | S1
 1916

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 Continue descent on steep slope.
 63.50 Gulch, 355 ft. below spur, course E. Asc. 180 ft. on S.
 slope.
 73.65 Top of spur slopes E. Desc. 65 ft.
 80.27 Intersect N. bdy. of Tp. 213 lks. W. of the old cor. of
 secs. 1, 2, 35 and 36, which is an iron post, 3 ins.
 diam., with brass cap, marked, set, and witnessed as
 described by the surveyor general. This cor., the $\frac{1}{4}$ sec.
 cor. bet. secs. 1 and 36 and the $\frac{1}{4}$ sec. cor. bet. secs.
 2 and 35, will hereafter relate solely to the area N.
 of the Tp. line. I obliterate marks on brass caps
 relating to the area S. of line.

At point of intersection
 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the
 ground, for closing cor. of secs. 1 and 2, with brass
 cap, marked

T23N R14W
 S35

 S2 | S1
 T22N | R14W
 C C
 1916

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

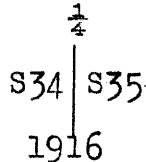
Land, rolling and broken hills.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, cactus, catclaw, cedar, oak and crucifixion
 thorn. Grass, poor.

From the cor. of secs. 2, 3, 34 and 35, on S. bdy. of Tp.,
 which is an iron post, 3 ins. diam., with brass cap,
 marked, set, and witnessed as described by the surveyor
 general;

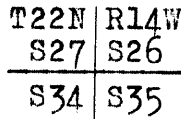
Subdivision of T. 22 N., R. 14 W.

Chains

6.10 Thence N.0°01'W., bet. secs. 34 and 35,
 over broken land, through varied undergrowth.
 17.80 Spur slopes NE.
 40.00 Wash, course SE.
 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
 ground, surrounded by a mound of stone, (impracticable
 to set post farther in the ground) for $\frac{1}{4}$ sec.cor., with
 brass cap, marked



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the
 ground, surrounded by a mound of stone, (impracticable
 to set post farther in the ground) for cor. of secs.
 26, 27, 34 and 35, with brass cap, marked



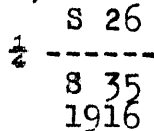
1916
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.

Land, rolling and broken.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, greasewood, cactus, cedar, piñon, and
 palo verde.

40.00 East, on a random line, bet. secs. 26 and 35.
 80.08 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N.and S. line 17 lks. S. of the cor. of secs.
 25, 26, 35 and 36.

Thence S.89°53'W., on a true line, bet. secs. 26 and 35,
 over rolling land, through scattering timber and under-
 growth.

5.20 Wash, course SE. Asc. 110 ft.
 21.90 Low spur slopes SE.
 25.10 Wash, course SE.
 40.04 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



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

60.10 Wash, course SE.
 70.10 Low spur slopes SE.
 70.95 Wash, course SE. Asc. 70 ft.
 80.08 The cor. of secs. 26, 27, 34 and 35.

Land, rolling and broken.
 Soil, gravelly: 4th rate.
 Timber, scattering piñon and cedar.
 Undergrowth, scrub cedar and piñon, scrub oak, grease-
 wood, cactus and catclaw.
 Grass, fair.

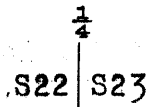
N.0°01'W., bet. secs. 26 and 27,
 over broken land, through varied undergrowth.

Chains	
20.20	Wash, course SE.
40.00	Set an iron post, 3 ft. long, 1 in. diam. 12 ins in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for $\frac{1}{4}$ sec. cor., with brass cap, marked
	$\frac{1}{4}$ S27 S26 1916
	and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
75.50	Spur, slopes SE.
78.50	Wash, course SE.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for cor. of secs. 22, 23, 26 and 27, with brass cap, marked
	T22N R14W S22 S23 S27 S26 1916
	and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
	Land, rolling and broken. Soil, rocky; 4th rate. No timber. Undergrowth, palo verde, scrub oak, catclaw, cactus, cedar and piñon.

40.00	East, on a random line, bet. secs. 23 and 26. Set temp. $\frac{1}{4}$ sec. cor.
79.84	Intersect N. and S. line 9 lks. N. of the cor. of secs. 23, 24, 25 and 26.
	Thence N. 89° 56' W., on a true line, bet. secs. 23 and 26, over rolling land, through varied undergrowth. Asc. gradually on broken NE. slope.
39.90	Wash, course SE.
39.92	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
	S 23 $\frac{1}{4}$ ----- S 26 1916
	and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
	Asc. 200 ft.
58.30	Spur slopes SE. Desc. gradually along SW. slope.
79.84	The cor. of secs. 22, 23, 26 and 27.
	Land, rolling, with some level parts. Soil, gravelly and rocky; 4th rate. No timber. Undergrowth, scrub oak, cedar, greasewood, cactus and catclaw. Poor grass.

	N. 0° 01' W., bet. secs. 22 and 23, over rolling broken hills, through dense undergrowth. Asc. 195 ft.
12.50	Top of spur slopes E. Desc. 170 ft.
25.28	Wash, course E. Asc. 120 ft.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

Chains



1916

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

Desc. 75 ft. on N. slope.

44.87 Wash, course E. Asc. S. slope 90 ft.

50.70 Spur slopes E. Desc. 65 ft.

54.60 Wash, course SE. Asc. 25 ft.

59.55 Low spur slopes SE.

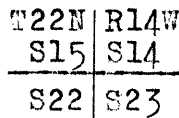
61.03 Wash, course SE.

63.13 Road bears E. and W.

69.50 Low spur slopes E.

74.48 Small draw, course NE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, with brass cap, marked



1916

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

Land, rolling and broken.

Soil, rocky; 4th rate.

No timber.

Undergrowth, cedar, piñon, greasewood, catclaw and cactus.

Grass, fair.

East, on a random line, bet. secs. 14 and 23.

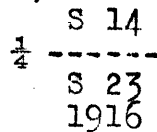
40.00 Set temp. ¼ sec. cor.

79.96 Intersect N. and S. line 3 lks. N. of the cor. of secs. 13, 14, 23 and 24.

Thence N.89°59'W., on a true line, bet. secs. 14 and 23, over rolling, broken land, through scattering undergrowth, and scrub timber.

28;00 Wash, course NE.

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



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

44.00 Point of low spur sloping S.

52.05 Wash, course SE. Asc. gradually, 100 ft.

79.96 The cor. of secs. 14, 15, 22 and 23.

Land, rolling and broken.

Soil, gravelly; 4th rate.

Timber, piñon and cedar.

Undergrowth, piñon, cedar, oak, crucifixion thorn, and cactus.

Grass, poor.

N.0°01'W., bet. secs. 14 and 15, over rolling and broken land, through scattering scrub timber and undergrowth.

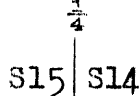
9.97 Small wash, course E.

11.65 Low spur slopes E.

14.95 Small draw, course SE.

Chains

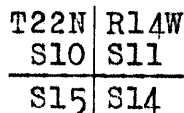
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



1916

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.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, with brass cap, marked



1916

dig pits, 18x18x12 ins. in each sec., $5\frac{1}{2}$ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, rolling and level.
Soil, rocky; 4th rate.
Timber, piñon and cedar.
Undergrowth, scrub oak.
Grass, poor.

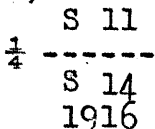
40.00 East, on a random line, bet. secs. 11 and 14.
Set temp. $\frac{1}{4}$ sec. cor.

80.04 Intersect N. and S. line 2 lks. N. of the cor. of secs. 11, 12, 13 and 14.

Thence N.89°59'W., on a true line, bet. secs. 11 and 14, over level land, through scattering cedar and dense oak undergrowth.

25.05 Wash, course NE.

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



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

80.04 The cor. of secs. 10, 11, 14 and 15.

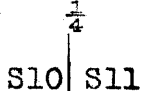
Land, level.
Soil, gravelly; 4th rate.
No timber.
Undergrowth, cedar and oak.
Grass, fair.

N.0°01'W., bet. secs. 10 and 11, over rolling land, through scattering cedar and dense oak, catclaw and cactus undergrowth.

33.47 Wash, course E.

35.00 Low spur slopes E.

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



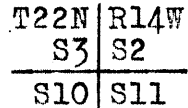
1916

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

Subdivision of T. 22 N., R. 14 W.

Chains

50.00 Draw, course E.
 59.00 Spur slopes E.
 64.95 Wash, course E. Asc. 70 ft.
 74.90 Spur slopes E. Desc. 65 ft. on N. slope.
 79.80 Small wash, course E.
 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, with brass cap, marked



1916

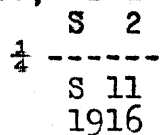
and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling.
 Soil, rocky; 4th rate.
 Timber, none.
 Undergrowth, scattering cedar and dense oak, cactus and catclaw and palo verde.
 Grass, fair.

40.00 East, on a random line, bet. secs. 2 and 11.
 Set temp. ¼ sec. cor.
 79.94 Intersect N. and S. line 20 lks. S. of the cor; of secs. 1, 2, 11 and 12.

Thence S.89°51'W., on a true line, bet. secs. 2 and 11, over rolling and broken land, through dense undergrowth. Desc. 125 ft.

15.12 Wash, course S.60°E. Asc. 150 ft.
 39.97 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked



1916

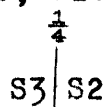
and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

50.00 Descend along S. slope.
 79.94 The cor. of secs. 2, 3, 10 and 11.

Land, rolling, broken and level.
 Soil, gravelly and rocky; 4th rate.
 No timber.
 Undergrowth, cedar, oak, catclaw and cactus.
 Grass, poor.

N.0°01'W., on a true line, bet. secs. 2 and 3, over roughly rolling and broken land, through dense undergrowth. Asc. 40 ft. on S. slope.

2.45 Spur slopes E. Desc. 30 ft.
 5.90 Wash, course E. Asc. 25 ft.
 9.90 Spur slopes E. Desc. 65 ft. on N. slope.
 14.08 Wash, course NE. Asc. 65 ft.
 18.90 Spur slopes E. Desc. 60 ft. on N. slope.
 24.64 Wash, course E. Asc. 30 ft.
 27.10 Spur slopes NE. Desc. 50 ft.
 34.53 Wash, course NE.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked



1916

Chains

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.
Asc. 40 ft. on S. slope.
42.95 Point of spur sloping E.
44.94 Draw, course E. Asc. 120 ft.
52.20 Top of spur sloping E. Desc 210 ft. on N. slope.
59.90 Wash, 60 lks. wide, course E. Ascend 260 ft.
71.80 Spur slopes E. Desc. 215 ft. on N. slope.
80.22 Intersect N. bdy. of Tp. 188 lks. W. of the old cor. of
secs. 2, 3, 34 and 35, which is an iron post, 3 ins. diam.,
with brass cap, marked, set, and witnessed as described
by the surveyor general. I change this cor. to cor. of
secs. 34 and 35 only by effacing the marks relating to
the area S. of the Tp. line; and change the ¼ sec. cor.
bet. secs. 3 and 34 to ¼ sec. cor. of sec. 34 only, by
effacing the marks relating to the area S. of the line,
and obliterating marks on bearing tree S. of line.

At point of intersection
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for closing cor. of secs. 2 and 3, with brass
cap, marked

T23N R14W	
S34	
S3	S2
T22N	R14W
C	C
1916	

and raise a mound of stone, 2 ft. base, 1½ ft. high,
S. of cor.

Land, rolling, rough and broken.
Soil, rocky; 4th rate.
No timber.
Undergrowth, cedar, oak, cactus and catclaw.

From the cor. of secs. 3, 4, 33 and 34, on S. bdy. of Tp.,
which is an iron post, 3 ins. diam., with brass cap,
marked, set, and witnessed as described by the surveyor
general;

N.0°02'W., bet. secs. 33 and 34,
over mountainous land, through scattering timber and
dense undergrowth. Desc. 90 ft. on NE. slope.

9.87 Wash, course SE. Asc. on SW. slope.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for ¼ sec. cor., with brass cap, marked

¼	
S33	S34
1916	

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

41.50 Spur, 270 ft. above wash, sloping SE. Desc. 100 ft. on
NE. slope.

49.75 Wash, course SE. Asc. 350 ft. on broken SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the
ground, surrounded by a mound of stone, (impracticable
to set post farther in the ground) for cor. of secs.
27, 28, 33 and 34, with brass cap, marked

T22N	R14W
S28	S27
S33	S34

1916

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

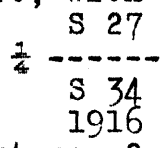
Subdivision of T. 22 N., R. 14 W.

Chains

Land, mountainous.
 Soil, rocky; 4th rate.
 Timber, scattering cedar and piñon.
 Undergrowth, scrub oak, palo verde, greasewood and cactus.

40.00 East, on a random line, bet. secs. 27 and 34.
 79.94 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line 7 lks. N. of the cor. of secs.
 26, 27, 34 and 35.

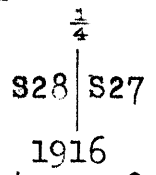
Thence N.89°57'W., on a true line, bet. secs. 27 and 34,
 over broken and mountainous land, through scattering
 timber and undergrowth. Asc. 50 ft.
 4.10 Low spur sloping SE. Desc. 10 ft.
 7.90 Wash, course SE. Asc. 285 ft.
 30.10 Spur sloping N.
 35.05 Small wash, course NE. Asc. 25 ft.
 36.00 Spur sloping N. Desc. 30 ft.
 39.95 Small draw, course N.
 39.97 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.
 Asc. 145 ft.
 51.75 Spur slopes N. Desc. 80 ft.
 55.35 Head of draw, course S. Asc. 250 ft.
 77.45 Wash, course SE. Asc. 70 ft.
 79.94 The cor. of secs. 27, 28, 33 and 34.

Land, mountainous and broken.
 Soil, rocky; 4th rate.
 Timber, piñon and cedar.
 Undergrowth, piñon, cedar, greasewood, scrub oak, cactus
 and catclaw. Grass, poor.

15.63 N.0°02'W., bet. secs. 27 and 28,
 over mountainous land, through scattering timber and
 dense undergrowth. Asc. 250 ft.
 31.10 Spur slopes SE. Desc. 270 ft.
 40.00 Gulch, course SE. Asc. broken SW. slope.
 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
 ground, surrounded by a mound of stone, (impracticable
 to set post farther in the ground), for $\frac{1}{4}$ sec. cor.,
 with brass cap, marked



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 49.35 Spur, 290 ft. above gulch, slopes SE. Desc. 230 ft. on
 broken NE. slope.
 58.65 Wash, course NE. Asc. 40 ft. on SE. slope.
 61.65 Spur slopes NE. Desc. 55 ft., on NE. slope.
 65.45 Wash, course SE. Asc. 140 ft. on SW. slope.
 73.60 Spur slopes NE. Desc. 170 ft. on NW. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the
 ground, surrounded by a mound of stone, (impracticable
 to set post farther in the ground), for cor. of secs.
 21, 22, 27 and 28, with brass cap, marked

14.

Subdivision of T. 22 N., R. 14 W.

Chains

T22N	R14W
S21	S22
S28	S27

1916

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

Land, mountainous.

Soil, rocky; 4th rate.

Timber, scrub piñon and cedar.

Undergrowth, palo verde, greasewood, catclaw and scrub oak.

40.00

East, on a random line, bet. secs. 22 and 27.

79.70

Set temp. ¼ sec. cor.

Intersect N. and S. line 12 lks. S. of the cor. of secs. 22, 23, 26 and 27.

Thence S. 89° 55' W., on a true line, bet. secs. 22 and 27, over mountainous land, through scattering timber and undergrowth.

.35

Wash, course SE. Asc. NE. slope.

39.85

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

S 22

¼ -----

S 27

1916

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

43.60

Spur slopes SE. (380 ft. above wash) Asc. 90 ft.

53.83

Same spur slopes NE. Desc. 110 ft. along broken NW. slope.

66.85

Spur slopes NE. Desc. 100 ft., on NW. slope.

70.14

Wash, course NE. Asc. 135 ft.

79.70

The cor. of secs. 21, 22, 27 and 28.

Land, mountainous.

Soil, rocky; 4th rate.

Timber, scattering piñon and cedar.

Undergrowth, palo verde, cactus, greasewood and scrub oak.

Grass, poor.

15.65

N. 0° 02' W., bet. secs. 21 and 22,

over rolling, broken mountainous land, through scattering timber and undergrowth. Desc. 190 ft. on N. slope.

18.50

Gulch, course E. Asc. 60 ft.

27.22

Point of spur sloping E. Desc. 130 ft. on N. slope.

40.00

Gulch, course E. Asc. S. slope.

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

¼

S21 | S22

1916

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

56.70

Continue ascent.

Top of spur, 430 ft. above gulch, sloping E. Desc. 250 ft. on N. slope.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, with brass cap, marked

T22N | R14W

S16 | S15

S21 | S22

1916

Chains

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

Land, broken and mountainous.

Soil, rocky; 4th rate.

Timber, scattering piñon and cedar.

Undergrowth, piñon, cedar, oak, palo verde, crucifixion
thorn, cactus and catclaw.

East, on a random line, bet. secs. 15 and 22.

40.00 Set temp. ¼ sec. cor.

80.00 Intersect N. and S. line 3 lks. N. of the cor. of secs.
14, 15, 22 and 23.

Thence N.89°59'W., on a true line, bet. secs. 15 and 22,
over broken land, through scattering undergrowth.

2.80 Spur slopes NE.

4.27 Small draw, course NE.

7.25 Spur slopes NE.

8.25 Wash, course NE. Asc. 120 ft. on NE. slope.

22.25 Spur slopes SE. Desc. 40 ft.

28.05 Wash, course SE.

36.00 Small draw, course SE.

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

S 15

¼ -----

S 22

1916

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

Asc. 300 ft., on NE. slope.

76.10 Point of spur sloping N. Desc. 60 ft.

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

Land, broken and hilly.

Soil, rocky and gravelly; 4th rate.

No timber.

Undergrowth, scattering scrub oak and cedar, cactus,
catclaw and crucifixion thorn.

Grass, poor.

N.0°02'W., bet. secs. 15 and 16,
over broken mountainous land, through scattering timber
and undergrowth. Desc. 60 ft., on NW. slope.

7.85 Gulch, course NE. Asc. 60 ft.

11.20 Spur slopes E. Desc. 90 ft., on N. slope.

15.50 Gulch, course E. Asc. 215 ft., on rocky SE. slope.

25.98 Spur slopes SE. Desc. 30 ft.

30.95 Gulch, course SE. Asc. rocky S. slope.

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

¼

S16 | S15

1916

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

Continue ascent.

67.60 Top of spur, 655 ft. above gulch, sloping SE. Desc. 255
ft., on rocky NE. slope.

77.28 Wash, course NE. Asc. 25 ft., on rocky SE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 9, 10, 15 and 16, with brass
cap, marked

16

Subdivision of T. 22 N., R. 14 W.

Chains

T22N	R14W
S 9	S10
S16	S15

1916

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

Land, broken and mountainous.

Soil, rocky; 4th rate.

Timber, piñon and cedar.

Undergrowth, piñon, cedar, greasewood, cactus, catclaw and scrub oak.

40.00
79.88

East, on a random line, bet. secs. 10 and 15.

Set temp. ¼ sec. cor.

Intersect N. and S. line 11 lks. N. of the cor. of secs. 10, 11, 14 and 15.

24.00
39.94

Thence N.89°55'W., on a true line, bet. secs. 10 and 15, over slightly rolling land, through scattering timber and dense undergrowth. Asc. gradually.

Commence ascent of steep, rocky E. slope.

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

§ 10

¼ -----

S 15

1916

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

79.88

Continue ascent.

(1000 ft. above sec. cor.)

The cor. of secs. 9, 10, 15 and 16.

Land, mountainous in W. portion; slightly rolling in E. 24 chs.

Soil, rocky; 4th rate.

Timber, scattering piñon and cedar.

Undergrowth, piñon, cedar, greasewood, cactus and catclaw.

Grass, poor.

14.32
22.70
32.55
34.74
37.70
40.00

N.0°02'W., bet. secs. 9 and 10, over mountainous land, through scattering undergrowth. Desc. 170 ft., on rocky N. slope.

Wash, course E. Asc. 60 ft.

Top of spur sloping E. Desc. 275 ft., on N. slope.

Small wash, course NE. Asc. 20 ft.

Spur slopes E. Desc. 30 ft.

Wash, course E. Asc. S. slope.

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

¼

S 9 | S10

1916

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

45.90

Top of spur, 195 ft. above wash, sloping S.70°E.

Desc. 440 ft., on N. slope.

62.85

Gulch, course NE. Asc. 140 ft., on SE. slope.

69.50

Top of spur, sloping NE. Desc. 85 ft., on NW. slope.

77.38

Wash, course E. Asc. 55 ft., on S. slope.

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, with brass cap, marked

Chains

T22N	R14W
S4	S3
S 9	S10

1916

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

Land, mountainous and broken.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, cedar, pinon, oak, palo verde, crucifixion thorn, cactus and catclaw.
 Grass, poor.

40.00 East, on a random line, bet. secs. 3 and 10.
 Set temp. ¼ sec. cor.
 79.74 Intersect N. and S. line at the cor. of secs. 2, 3, 10 and 11.

Thence West, on a true line, bet. secs. 3 and 10, over rolling, broken land, through scattering undergrowth. Along S. slope of spur running E.
 39.87 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked

S 3
¼ -----
S 10

1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 50.50 Spur slopes NE.
 55.50 Wash, course NE. Asc. 350 ft.
 79.74 The cor. of secs. 3, 4, 9 and 10.

Land, level, rolling and broken.
 Soil, rocky and gravelly; 4th rate.
 No timber.
 Undergrowth, piñon, cedar, oak, crucifixion thorn, cactus and catclaw. Grass, fair.

N.0°02'W., on a true line, bet. secs. 3 and 4, over mountainous land, through varied undergrowth. Asc.
 .81 Spur, slopes SE. Desc.
 4.42 Wash, course NE. Desc. 135 ft., on NE. slope.
 19.25 Wash, course SE. Asc. 100 ft., on SW. slope.
 24.90 Spur slopes SE. Desc. 135 ft., on broken NE. slope.
 33.65 Asc. gradually.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for ¼ sec. cor., with brass cap, marked

¼	
S4	S3

1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Desc. 75 ft.
 45.00 Asc. 130 ft.
 50.85 Spur slopes NE. Desc. 240 ft. on NW. slope.
 61.90 Wash, course SE. Asc. SE. slope.
 66.00 Spur slopes SE.
 71.30 Wash, course SE. Asc. SW. slope 25 ft.
 75.67 Spur slopes SE. Desc. 30 ft.

18

Subdivision of T. 22 N., R. 14 W.

Chains

80.41 Intersect N. bdy. of Tp. 180 lks. W. of the old cor. of secs. 3, 4, 33 and 34, which is an iron post, 3 ins. diam., with brass cap, marked, set, and witnessed as described by the surveyor general. I change this cor. to a cor. pertaining solely to the area N. of Tp. line, by effacing marks relating to area S. of line, and make a corresponding change in the $\frac{1}{4}$ sec. cor. bet. secs. 4 and 33.

At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for closing cor. of secs. 3 and 4, with brass cap, marked

T23N R14W

S33

S4	S3
T22N	R14W

C C

1916

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

Land, mountainous, rolling and broken.

Soil, rocky; 4th rate.

No timber.

Undergrowth, palo verde, cedar, piñon, catclaw, cactus, greasewood and oak.

From the cor. of secs. 4, 5, 32 & 33, on S. bdy. of Tp., which is an iron post, 3 ins. diam., with brass cap, marked, set, and witnessed, as described by the surveyor general;

N.0°03'W., bet. secs. 32 and 33, over mountainous land, through scattering timber and undergrowth. Asc. 360 ft.

23.25 Top of spur slopes SW. Desc. 115 ft. on NW. slope.

35.00 Small draw, course W. Asc. S. slope.

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

S32 | S33

1916

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

Continue ascent, over steep N. slope.

73.30 Top of high ridge, 480 ft. above draw, bearing E. and W. Desc. 155 ft., on steep N. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, with brass cap, marked

T22N	R14W
S29	S28

S32 | S33

1916

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

Land, mountainous.

Soil, rocky; 4th rate.

Timber, cedar and piñon.

Undergrowth, cedar, piñon, greasewood, catclaw, cactus and oak.

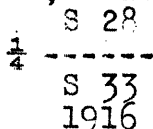
Subdivision of T. 22 N., R. 14 W.

Chains

40.00 East, on a random line, bet. secs. 28 and 33.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.20 Intersect N. and S. line at the cor. of secs. 27, 28, 33
 and 34.

Thence West, on a true line, bet. secs. 28 and 33,
 over mountainous land, through scattering timber and
 undergrowth. Asc. 240 ft.

7.15 Spur slopes S. Thence along south slope.
 15.00 Desc. 200 ft., on W. slope.
 25.85 Wash, course S. Asc. 215 ft., on E. slope.
 34.75 Spur slopes S. Desc. W. slope.
 40.10 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

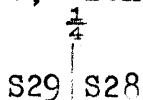


and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.
 47.76 Wash, 240 ft. below spur, course S. Asc. 180 ft., on E.
 slope.
 53.65 Top of spur sloping S. Desc. 205 ft., on W. slope.
 66.75 Head of wash, course S. Asc. 50 ft.
 72.20 Spur slopes SW. Desc. 30 ft.
 74.65 Head of draw, course N. Asc. 20 ft.
 76.10 Spur slopes N. Desc. 90 ft.
 80.20 The cor. of secs. 28, 29, 32 and 33.

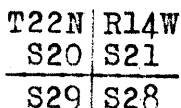
Land, mountainous.
 Soil, rocky; 4th rate.
 Timber, piñon and cedar.
 Undergrowth, cedar, oak, crucifixion thorn, catclaw and
 cactus. Grass, poor.

N.0°03'W., bet. secs. 28 and 29,
 over rolling and broken mountainous land, through timber
 and undergrowth. Desc. 205 ft.

11.57 Head of wash, course NW. Asc. 70 ft.
 15.40 Point of spur, sloping W. Desc. 90 ft.
 19.17 Draw, course W. Asc. 205 ft., on S. slope.
 26.50 Spur slopes SE. Desc. NE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 51.40 Enter wash, 425 ft. below spur, course N.
 59.40 Leave same, course N.15°E.
 67.25 Enter same wash, 70 ft. below 59.40 ch. pt., course N.
 71.25 Leave same, course N.75°W.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound
 of stone, (impracticable to set post in the ground)
 for cor. of secs. 20, 21, 28 and 29, with brass cap,
 marked



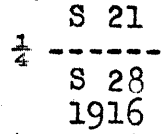
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 Land, rolling and broken mountainous.
 Soil, rocky; 4th rate. Timber, cedar and pinon.
 Undergrowth, cactus, catclaw, oak and crucifixion thorn.

Chains

East, on a random line, bet. secs. 21 and 28.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.12 Intersect N. and S. line 5 lks. S. of the cor. of secs
 21, 22, 27 and 28.

Thence S. $89^{\circ}58'W.$, on a true line, bet. secs. 21 and 28,
 over mountainous land, through timber and undergrowth.
 Desc. 25 ft.

2.90 Head of gulch, course NE. Asc. 100 ft.
 6.90 Point of spur sloping N. Desc. 30 ft.
 8.35 Head of gulch, course NE. Asc. 60 ft.
 12.20 Top of spur sloping N. Desc. 245 ft., on SW. slope.
 26.00 Gulch, course N. Asc. 150 ft., on NE. slope.
 40.06 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



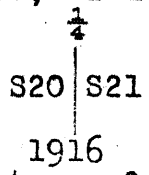
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.

43.30 Top of spur sloping NW. Desc. 220 ft., on SW. slope.
 50.60 Wash, course NW. Asc. 130 ft., on NE. slope.
 63.15 Spur slopes NW. Desc. 370 ft., on SW. slope.
 80.12 The cor. of secs. 20, 21, 28 and 29.

Land, mountainous.
 Soil, rocky; 4th rate.
 Timber, piñon and cedar.
 Undergrowth, cedar, oak, crucifixion thorn and catclaw.

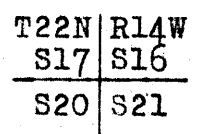
N. $0^{\circ}03'W.$, bet. secs. 20 and 21,
 over rolling broken hills, through scattering timber
 and undergrowth. Asc. 110 ft.

22.90 Spur slopes W. Desc. 130 ft., on N. slope.
 30.67 Gulch, course W. Asc. S. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



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

54.40 Top of spur, 370 ft. above gulch, slopes W. Desc. 75 ft.
 59.20 Gulch, course SW. Asc. 115 ft., on SE. slope.
 67.00 Spur slopes SW. desc. 60 ft. on NW. slope.
 74.90 Head of draw, course SW. Asc. 55 ft.
 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, with brass
 cap, marked



1916
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.

Land, rolling and broken mountainous.
 Soil, rocky; 4th rate.
 Timber, cedar and piñon.
 Undergrowth, cedar, piñon, palo verde, cactus and catclaw.

Subdivision of T. 22 N., R. 14 W.

Chains	
40.00	East, on a random line, bet. secs. 16 and 21. Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect N. and S. line 23 lks. S. of the cor. of secs. 15, 16, 21 and 22.
	Thence S. $89^{\circ}50'W.$, on a true line, bet. secs. 16 and 21, over mountainous land, through scattering timber and undergrowth. Asc. 50 ft., over rolling NE. slope.
13.60	Low spur slopes NE. Desc. 20 ft.
20.12	Small draw, course N. $70^{\circ}E.$ Asc. gradually, on E. slope.
39.99	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
	S 16
	$\frac{1}{4}$ -----
	S 21
	1916
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
48.10	Top of spur, 320 ft. above draw, sloping SW. Desc. 445 ft., on steep NW. slope.
68.40	Wash, course SW. Asc. 50 ft.
72.30	Spur slopes SW. Desc. 150 ft.
79.98	The cor. of secs. 16, 17, 20 and 21.
	Land, mountainous and broken.
	Soil, rocky; 4th rate.
	Timber, piñon and cedar.
	Undergrowth, piñon, cedar, oak, greasewood, cactus and catclaw. Grass, poor.

	N. $0^{\circ}03'W.$, bet. secs. 16 and 17, over broken, rolling mountainous land, through dense undergrowth. Asc. 175 ft., on S. slope.
6.25	Top of spur, sloping W. Desc. 70 ft.
9.15	Head of wash, course W. Asc. 60 ft.
20.08	Spur slopes W. Desc. 160 ft., on N. slope.
28.65	Head of wash, course W. Asc. 70 ft.
37.07	Top of spur, sloping W. Desc. N. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
	$\frac{1}{4}$
	S17 S16
	1916
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
49.55	Wash, 235 ft. below spur, course W. Asc 275 ft., on S. slope.
61.80	Spur slopes SW. Desc. 85 ft., on NW. slope.
68.70	Wash, course SW. Asc. 200 ft., on SE. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs, 8, 9, 16 and 17, with brass cap, marked
	T22N R14W
	S8 S9
	S17 S16
	1916
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	Land, mountainous.
	Soil, rocky; 4th rate.
	Timber, none.
	Undergrowth, crucifixion thorn, oak, catclaw and cactus.

Chains

40.00 East, on a random line, bet. secs. 9 and 16.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.10 Intersect N. and S. line 8 lks. S. of the cor. of secs.
 9, 10, 15 and 16.

Thence S. $89^{\circ}57'W.$, on a true line, bet. secs. 9 and 16,
 over broken mountainous land, through scattering under-
 growth. Asc. 365 ft., on NE. slope.
 21.60 Top of ridge bears SE. and NW. Desc. rocky W. slope.
 40.05 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

S 9
 $\frac{1}{4}$ -----
 8 16
 1916

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.
 47.35 Head of wash, 610 ft. below ridge, course S. Asc. 230 ft.
 56.50 Top of spur slopes S. Desc. 440 ft., along S. and SW.
 slope of mountain.
 80.10 The cor. of secs. 8, 9, 16 and 17.

Land, broken and mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, oak, cedar, piñon, greasewood and crucifixion
 thorn. Grass, poor.

N. $0^{\circ}03'W.$, bet. secs. 8 and 9,
 over broken mountainous land, through scattering timber
 and undergrowth. Asc. 190 ft.
 6.35 Top of spur, sloping W. Desc. 185 ft., on N. slope.
 11.67 Gulch, course W. Asc. 155 ft., on S. slope.
 21.00 Point of spur, sloping SW. Desc. 150 ft., on NW. slope.
 26.60 Gulch, course SW. Asc. 45 ft.
 29.40 Point of spur sloping W.
 36.20 Desc. 35 ft.
 37.60 Gulch, course SW. Asc. SE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$
 S8 | S9
 1916

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 42.93 Spur, 150 ft. above gulch, sloping W. Desc. 425 ft., on
 N. slope.
 63.25 Gulch, course W. Asc. 470 ft., on rocky S. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor; of secs. 4, 5, 8 and 9, with brass cap,
 marked

T22N | R14W
 S5 | S4

 S8 | S9
 1916

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

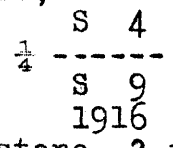
Land, mountainous.
 Soil, rocky; 4th rate.
 Timber, oak, piñon and cedar.
 Undergrowth, oak, catclaw, palo verde and cactus.

Chains

40.00 East, on a random line, bet. secs. 4 and 9.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.80 Intersect N. and S. line 33 lks. N. of the cor. of secs.
 3, 4, 9 and 10.

Thence N. $89^{\circ}46'W.$, on a true line, bet. secs. 4 and 9,
 over mountainous land, through scattering timber and
 undergrowth.

1.35 Small draw, course S. Asc. on S. slope of spur, sloping E.
 23.55 Cross to N. side of spur.
 39.90 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



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

44.80 Top of ridge, 630 ft. above draw at 1.35 ch. pt., bears NW.
 and SE. Desc. 550 ft., on rocky SW. slope.

65.15 Head of gulch, course SE. Asc. on NE. slope.

70.70 Cross to SE. slope.

79.80 (115 ft. above gulch)

The cor. of secs. 4, 5, 8 and 9.

Land, mountainous.
 Soil, rocky; 4th rate.
 Timber, piñon and cedar.
 Undergrowth, oak, cactus, catclaw and crucifixion thorn.
 Grass, poor.

N. $0^{\circ}03'W.$, on a true line, bet. secs. 4 and 5,
 over broken mountainous land, through scattering timber
 and undergrowth. Asc. 40 ft. on S. slope.

2.13 Top of spur, sloping W. Desc. 335 ft., on N. slope.

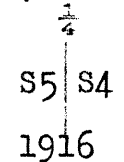
12.90 Gulch, course W. Asc. 170 ft., on S. slope.

25.75 Spur sloping NW. Desc. 145 ft., on NE. slope.

30.80 Gulch, course NW. Asc. 60 ft., on SW. slope.

37.90 Spur slopes W. Desc. N. slope.

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



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

55.35 Wash, 360 ft. below spur, course SW. Asc. 135 ft., on
 SE. slope.

59.40 Spur slopes S. $60^{\circ}W.$ Desc. 125 ft.

65.00 Gulch, course SW. Asc. on SE. slope.

68.30 Cross to W. slope.

76.50 Spur, 145 ft. above gulch, course W. Desc. 35 ft.

79.75 Wash, course SW.

80.40 Intersect N. bdy. of Tp. 140 lks. W. of the cor. of secs.
 4, 5, 32 and 33, which is an iron post, 3 ins. diam.,
 with brass cap, marked, set, and witnessed as described
 by the surveyor general. I change this cor. to cor.
 of secs. 32 and 33 only, by effacing marks on cap re-
 lating to area S. of Tp. line, and make a corresponding
 change in the $\frac{1}{4}$ sec. cor. bet. secs. 5 and 32.

At point of intersection
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for closing cor. of secs. 4 and 5, with brass
 cap, marked

Chains

T23N R14W
S32

S5 | S4
T22N | R14W

C C
1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

Land, mountainous and broken.
Soil, rocky; 4th rate.
Timber, piñon and cedar.
Undergrowth, palo verde, oak brush, catclaw and cactus.
Grass, poor.

From the cor. of secs. 5, 6, 31 and 32, on S. bdy. of Tp., which is an iron post, 3 ft. long, 3 ins. diam., with brass cap, marked, set, and witnessed as described by the surveyor general;

N.0°03'W., bet. secs. 31 and 32,
over broken land, through scattering undergrowth.

6.70
25.20
40.00

Wash, course NW.
Wash, course SW.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked

¼
S31 | S32

1916

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

60.20
77.65
80.00

Wash, course NW. Thence along broken SW. slope.
Spur slopes NW.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, with brass cap, marked

T22N | R14W
S30 | S29
S31 | S32

1916

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

Land, broken.
Soil, rocky; 4th rate.
No timber.
Undergrowth, cedar, piñon, catclaw, greasewood, cactus scrub oak and crucifixion thorn.

40.00
80.10

East, on a random line, bet. secs. 29 and 32.
Set temp. ¼ sec. cor.
Intersect N. and S. line 9 lks. S. of the cor. of secs. 28, 29, 32 and 33.

9.04
40.05

Thence S.89°56'W., on a true line, bet. secs. 29 and 32, over mountainous land, through scattering timber and undergrowth. Asc. 210 ft., on NE. slope.
Spur slopes NW. Desc. on NW. slope.
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for ¼ sec. cor., with brass cap, marked

Chains

S 29
1/4 -----
S 32
1916

- and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
- 44.73 Gulch, course SW. 890 ft. below spur. Asc. 45 ft., on SE. slope.
- 48.90 Spur slopes SW. Desc. broken SW. slope, 250 ft.
- 75.75 Wash, course NW. Desc. 35 ft.
- 80.10 The cor. of secs. 29, 30, 31 and 32.

Land, mountainous.
Soil, rocky; 4th rate.
Timber, scattering piñon and cedar.
Undergrowth, greasewood, oak, palo verde, cactus and catclaw.

- 40.00 West, on a random line, bet. secs. 30 and 31.
- Set temp. 1/4 sec. cor.
- 79.38 Intersect W. bdy. of Tp. 5 lks. N. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, 3 ins. diam., with brass cap, marked, set, and witnessed as described by the surveyor general.

- 39.38 Thence N. 89° 58' E., on a true line, bet. secs. 30 and 31, over broken rolling land, through varied undergrowth.
- Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for 1/4 sec. cor., with brass cap, marked

S 30
1/4 -----
S 31
1916

- and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
- 78.88 Wash, course SW.
- 79.38 The cor. of secs. 29, 30, 31 and 32.

Land, rolling and broken.
Soil, rocky; 4th rate.
No timber.
Undergrowth, greasewood, oak, palo verde, cactus, catclaw and cedar. Grass, poor.

- N. 0° 03' W., bet. secs. 29 and 30, over broken foot hills, through scattering undergrowth.
- .30 Wash, course SW. Asc.
- 14.94 Wash, course NW.
- 27.38 Wash, course SW. Asc. 150 ft., on SW. slope.
- 40.00 On spur sloping SW., Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked

1/4
S30 S29
1916

- and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
- Desc. 160 ft.
- 45.73 Wash, course SW. Asc. 210 ft., on SE. slope.
- 59.20 Spur slopes SW. Desc. 220 ft., on NW. slope.
- 73.70 Dry wash, course NW. Asc. 50 ft., on SW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for cor. of secs.

Chains

19, 20, 29 and 30, with brass cap, marked

T22N	R14W
S19	S20
<hr/>	
S30	S29

1916

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

Land, broken and mountainous.

Soil, rocky; 4th rate.

No timber.

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

40.00
79.90

East, on a random line, bet. secs. 20 and 29.

Set temp. ¼ sec. cor.

Intersect N. and S. line 12 lks. N. of the cor. of secs. 20, 21, 28 and 29.

2.07
20.80
39.95

Thence N. 89° 55' W., on a true line, bet. secs. 20 and 29, over mountainous land, through varied undergrowth.

Wash, course NW. 25 ft. below cor. Asc. 530 ft. on NW slope.

Spur slopes NW. Desc. 300 ft., on broken SW. slope.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, on a rock ledge, for ¼ sec. cor., with brass cap, marked

S 20

¼ -----

S 29

1916

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

Asc. 25 ft.

42.90
79.90

Spur slopes SW. Desc. 500 ft., on SW. slope.

The cor. of secs. 19, 20, 29 and 30.

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, oak, greasewood, cactus, catclaw and palo verde. Grass, poor.

40.00
79.48

West, on a random line, bet. secs. 19 and 30.

Set temp. ¼ sec. cor.

Intersect W. bdy. of Tp. at the cor. of secs. 19, 24, 25 and 30, which is a 3 in. iron post, with brass cap, marked and witnessed as described by the surveyor general.

Thence East, on a true line, bet. secs. 19 and 30, over broken land, through scattering undergrowth.

7.00
39.48

Wash, course SW.

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

S 19

¼ -----

S 30

1916

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

79.48

The cor. of secs. 19, 20, 29 and 30.

Land, level and broken.

Soil, rocky; 4th rate.

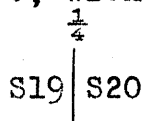
No timber.

Undergrowth, oak, greasewood, cactus and catclaw. Grass, poor.

Subdivision of T. 22 N., R. 14 W.

Chains

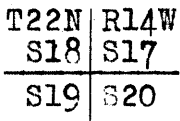
N.0°03'W., bet. secs. 19 and 20,
 over mountainous land, through scattering undergrowth.
 Asc. 170 ft., on SW. slope.
 24.30 Spur slopes NW. Desc. 255 ft., on NE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



1916

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

55.00 Wash, course SW. Asc. SW. slope.
 60.00 Wash, course SW. Asc. 145 ft., on SE. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound
 of stone, for cor. of secs. 17, 18, 19 and 20, with
 brass cap, marked



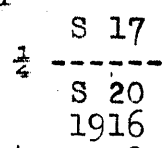
1916

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, greasewood, oak, and palo verde.
 Grass, poor.

40.00 East, on a random line, bet. secs. 17 and 20.
 79.80 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line 36 lks. N. of the cor. of secs.
 16, 17, 20 and 21.

Thence N.89°45'W., on a true line, bet. secs. 17 and 20,
 over mountainous land, through scattering undergrowth.
 Desc. 130 ft.
 16.70 Spur slopes SW. Desc. 200 ft., on NW. slope.
 35.70 Wash, course NW. Asc. 40 ft., on NE. slope.
 39.35 Spur slopes NW.
 39.90 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
 ground, surrounded by a mound of stone, (impracticable
 to set post farther in the ground), for $\frac{1}{4}$ sec. cor.,
 with brass cap, marked



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

Desc. 70 ft.
 44.70 Wash, course NW. Asc. NE. slope, 100 ft.
 51.20 Spur slopes NW. Desc. SW. slope 285 ft.
 66.77 Wash, at bend, course SW. to bend, and thence NW. Asc. 45 ft.
 78.70 Spur slopes NW. Descend., 20 and 20.
 79.80 The cor. of secs. 17, 18, 19 and 20.

Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scattering oak, greasewood, cactus, cat-
 claw and palo verde.
 Grass, poor.

Chains

West, on a random line, bet. secs. 18 and 19.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.49 Intersect W. bdy. of Tp. 35 lks. N. of cor. of secs. 13, 18, 19 and 24, which is an iron post, 3 ins. diam., with brass cap, marked, set, and witnessed as described by the surveyor general.

Thence N.89°45'E., on a true line, bet. secs. 18 and 19, over rolling land, through scattering undergrowth.
 4.50 Wash, course SW.
 39.49 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

S 18
 $\frac{1}{4}$ -----
 S 19
 1916

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 49.50 Asc. 150 ft.
 79.49 The cor. of secs. 17, 18, 19 and 20.

Land, rolling.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, palo verde, cactus, catclaw and oak.
 Grass, poor.

N.0°03'W., bet. secs. 17 and 18, over rolling foothills, through scattering undergrowth.
 1.36 Spur slopes SW. Desc. 75 ft., on NW. slope.
 7.32 Wash, course W.
 34.22 Road bears NE. and SW. In wash, course SW. Asc. gradually on SE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$
 S18 | S17
 1916

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 46.00 Wash, course NW.
 51.00 Road bears NW. and SW.
 59.87 Wash, course NW.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, with brass cap, marked

T22N | R14W
 S7 | S8

 S18 | S17
 1916

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

Land, rolling.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, scrub oak, cactus, catclaw and palo verde.

East, on a random line, bet. secs. 8 and 17.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.62 Intersect N. and S. line 22 lks. N. of the cor. of secs. 8, 9, 16 and 17.

Chains

Thence N.89°51'W., on a true line, bet. secs. 8 and 17,
 over mountainous land, through scattering undergrowth.
 Desc. 25 ft.
 .73 Wash, course SW. Thence on broken SW. slope.
 39.81 (325 ft. above wash),
 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the
 ground, (surrounded by a mound of stone, (impracticable
 to set post farther in the ground) for 1/4 sec. cor.,
 with brass cap, marked

S 8
 1/4 -----
 S 17
 1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
 N. of cor.
 Desc. 385 ft., on SW. slope.
 66.30 Spur slopes SW. Asc. 190 ft.
 78.82 Wash, course NW.
 79.62 The cor. of secs. 7, 8, 17 and 18.

Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, palo verde, cactus, catclaw and scrub oak.

West, on a random line, bet. secs. 7 and 18.
 40.00 Set temp. 1/4 sec. cor.
 79.31 Intersect W. bdy. of Tp. 15 lks. N. of the cor. of secs.
 7, 12, 13 and 18, which is an iron post, 3 ins. diam.,
 with brass cap, marked, set, and witnessed as described
 by the surveyor general.

Thence N.89°54'E., on a true line, bet. secs. 7 and 18,
 over rolling land, through scattering undergrowth.
 Asc. gradually.
 20.42 Road bears NW. and SE.
 39.31 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for 1/4 sec. cor., with brass cap, marked

S 7
 1/4 -----
 S 18
 1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
 N. of cor.
 54.38 Wash, course NW.
 74.27 Wash, course NW.
 79.31 The cor. of secs. 7, 8, 17 and 18.

Land, rolling.
 Soil, gravelly; 2nd rate.
 No timber.
 Undergrowth, scrub oak, juniper, cactus, catclaw and
 palo verde. Grass, good.

N.0°03'W., bet. secs. 7 and 8,
 over rolling foot hills, through scattering undergrowth.
 1.00 Wash, course NW.
 24.96 Wash, course NW.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
 ground, surrounded by a mound of stone, (impracticable
 to set post farther in the ground) for 1/4 sec. cor.,
 with brass cap, marked

1/4
 S7 | S8
 1916

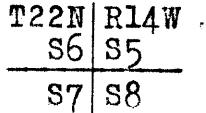
Chains

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

46.33 Spur slopes NW.

54.85 Wash, 70 ft. below spur, course NW. Asc. over broken
SW. slope.

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, with brass cap,
marked



1916

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

Land, rolling.

Soil, rocky; 4th rate.

No timber.

Undergrowth, greasewood, palo verde, cactus and catclaw.

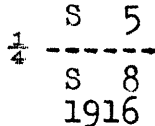
40.00 East, on a random line, bet. secs. 5 and 8.

79.58 Set temp. ¼ sec. cor.

Intersect N. and S. line 20 lks. N. of the cor. of secs.
4, 5, 8 and 9.

Thence N.89°51'W., on a random line, bet. secs. 5 and 8,
over mountainous land, through scattering undergrowth.
Desc. on SW. slope.

39.79 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the
ground, surrounded by a mound of stone, (impracticable
to set post farther in the ground) for ¼ sec. cor.,
with brass cap, marked



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

56.35 Spur, 930 ft. below sec. cor., slopes SW.

79.58 The cor. of secs. 5, 6, 7 and 8.

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, oak, greasewood, palo verde, scrub cedar and
piñon, and cactus.

Grass, poor.

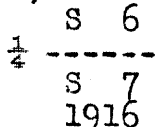
40.00 West, on a random line, bet. secs. 6 and 7.

79.29 Set temp. ¼ sec. cor.

Intersect W. bdy. of Tp. 6 lks. N. of the cor. of secs.
1, 6, 7 and 12, which is an iron post, 3 ins. diam.,
with brass cap, marked, set, and witnessed as described
by the surveyor general.

Thence N.89°57'E., on a true line, bet. secs. 6 and 7,
over gently rolling land, through scattering undergrowth.

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



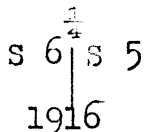
and raise a mound of stone, 2 ft. base, 1½ ft. high,
N. of cor.

Subdivision of Township 22 North, Range 14 West. 31.

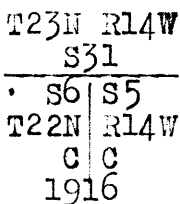
Chains.

79.29 Corner of secs. 5, 6, 7 and 8.
 Land, rolling foothills.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, greasewood, cactus, catclaw, palo verde and scrub cedar.

N. 0° 03' W., on a true line, bet. secs. 5 and 6.
 Over rolling foothills, thru scattering undergrowth.
 2.50 Wash, course NW.
 12.48 Wash, course NW.
 22.00 Spur, slopes SW. Descend NE slope.
 24.90 Wash, course SW. Ascend on broken SW slope.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground, surrounded by a mound of stone (impracticable to set post farther in the ground), for $\frac{1}{4}$ sec. cor., with brass cap, marked



and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 49.30 Spur, slopes NW. Descend NE slope.
 50.72 Wash, course NW. Ascend on broken SW slope.
 61.36 Wash, course NW.
 74.70 Wash, course NW.
 80.00 Intersect N. bdy. of Tp., 100 lks. W. of the cor. of secs. 5, 6, 31 and 32, which is an iron post, 3 ins. in diam., with brass cap, marked, set and witnessed as described by the surveyor general. I change this cor. to cor. of secs. 31 and 32 only, by effacing the marks on brass cap relating to the area south of Tp. line, and make a corresponding change in the $\frac{1}{4}$ sec. cor. bet. secs. 6 and 31.
 At point of intersection,
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs. 5 and 6, with brass cap, marked



and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 Land, rolling foothills.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, greasewood, cactus, catclaw, palo verde and scrub cedar.

32. Boundaries of Township 22 North, Range 14 West.

Latitudes, departures, and closing errors.

Line designated.	True course.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary,	N. 89° 54' W.	479.49	.84			479.49
West boundary,	North,	480.00	480.00			
North boundary,	East,	478.25			478.25	
East boundary,	South,	480.00		480.00		
Convergency,					.51	
Totals,			480.84	480.00	478.76	479.49
Error in latitude.....			480.00			478.76
Error in departure.....						.73

GENERAL DESCRIPTION.

This township embraces every kind of surface, from level to rolling; rolling foot-hills and high mountains.

The soil is almost entirely rocky and gravelly; 4th rate; with a small amount of 2nd and 3rd rate soil on the level land.

Grass sufficient to furnish fair grazing exists over the greater part of the area. The timber consists of scrub cedar and pinon, which also exists as undergrowth, with scrub oak, palo verde, crucifixion thorn, catclaw, cactus, and greasewood.

There are no settlers.

Book "G"

Group 51 - - - Arizona.

DATE DIAGRAM.

6 5-10-16	5 5-11-16	4 5-11-16	3 5-10-16	2 5-12-16	1 5-4-16
7 5-10-16	8 5-11-16	9 5-10-16	10 5-8-16	11 5-9-16	12 5-4-16
18 5-9-16	17 5-9&10-16	16 5-8-16 <i>T.22 N.R. 14 E.</i>	15 5-6-16	14 5-6-16	13 5-3-16
19 5-9-16	20 5-9-16	21 5-6-16	22 5-4-16	23 5-3-16	24 5-3-16
30 5-6-16	29 5-8-16	28 5-5-16	27 5-9-16	26 5-9-16	25 5-3-16
31 5-6-16	32 5-5-16	33 5-4-16	34 5-3-16	35 5-3-16	36 5-3-16

— Lines dated in red were surveyed by Otis Ross, U. S. Surveyor.

— Lines dated in blue were surveyed by A.Parker Warner, U.S. Transitman.

— Accepted surveys.

For field assistants to Walter D. Long, U. S. Surveyor, and James C. Hooper, U. S. Transitman, see Book "A".

CERTIFICATE OF ASSISTANTS.

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability, _____, U. S. Surveyor, during the periods and in the capacities stated opposite our several signatures, in surveying all those parts or portions of _____

BOOK 3093

of the _____ Meridian, in the State of _____ which are represented in the foregoing field notes as having been executed by him, and under his direction; and that said survey has been, in all respects, to the best of our knowledge and belief, well and faithfully executed.

NAME.	PERIOD OF SERVICE.		CAPACITY.
	BEGUN.	ENDED.	
Alexander Mack Rae	May 1, 1916	May 15-1916	1 st Chairman
Duncan Inoe Rae	" 1, 1916	May 15 1916	2 nd " "
Chas Pitchford	" 1, 1916	May 15 1916	Flagman
Albert S. Porter	" 1, 1916	May 15 1916	Moundman
John T. P'Brien	" 1, 1916	May 15 1916	Fixman and Line teamster

Subscribed and certified to before me on the dates of the final service as shown above.

A. Parker Warner
U. S. Surveyor
Transitman.

36
ECCY 3098

CERTIFICATE
~~FINAL OATH~~ OF UNITED STATES SURVEYOR. TRANSITMAN.

I, A. Parker Warner Transitman hereby certify upon honor
 U. S. Surveyor, ~~do solemnly swear~~ that, in pursuance
 of special instructions received from the U. S. Surveyor General for Group 31, Arizona,
 bearing date of the 23rd day of February, 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
Subdivision lines of
TOWNSHIP 22 NORTH, RANGE 14 WEST,
of the Gila and Salt
River Base & Meridian, in the State of Arizona, which are represented in by
 the diagram on page 33 hereof, and in
 the foregoing field notes as having been executed by me, and under my direction; and ~~I do further~~
~~solemnly swear~~ that all the corners of said survey have been established and perpetuated in strict accord-
 ance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor
 General for Group 51, Arizona, and in the specific manner described in the field notes, and that
 the foregoing are the original field notes of such survey.

A. Parker Warner
 U. S. Surveyor,
 Transitman.

Subscribed by said _____, and sworn to before me
 this _____ day of _____, 1915



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

_____, 191

The foregoing field notes of the survey of _____

executed by _____
 under his special instructions dated _____, 1915, 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.

FIELD ASSISTANTS TO OTIS ROSS, U.S. SURVEYOR.
4-680

37
MAY 29 1916

For field assistants to Walter D. Long, U. S. Surveyor and James C. Hooper, U. S. Transitman, see Book "A".

CERTIFICATE OF ASSISTANTS.

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability, Otis Ross, U. S. Surveyor, during the periods and in the capacities stated opposite our several signatures, in surveying 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 him, and under his direction; and that said survey has been, in all respects, to the best of our knowledge and belief, well and faithfully executed.

NAME.	PERIOD OF SERVICE.		CAPACITY.
	BEGUN.	ENDED.	
Wellesley P. McVay	Feb. 29 th , 1916	April 30, 1916	1st Chairman
John F. McVay	Feb. 29 th , 1916	" 30, 1916	2nd Chairman
Fred Glick	" 29 th , 1916	" 30, 1916	Flagman
Thomas M. Roth			
Leonard A. Gray	" 29 th , 1916	" 30, 1916	Axman & line teamster
Geo Walters	" 29 th , 1916	" 30, 1916	Moundman
Wellesley P. McVay	May 1, 1916	May 2, 1916	1st Chairman
John F. McVay	" 1, 1916	" 2, 1916	2nd Chairman
John F. McVay	" 3, 1916	May 15, 1916	1st "
Leonard A. Gray	" 1, 1916	" 2, 1916	Axman and line teamster
Leonard A. Gray	" 3, 1916	May 15, 1916	2nd Chairman
George Walters	" 1, 1916	May 15, 1916	Moundman
Fred Glick	" 1, 1916	May 15, 1916	Flagman

Subscribed and certified to before me on the dates of the final service as shown above.

Otis Ross

U. S. Surveyor.

BOOK 3093

CERTIFICATE
~~FINAL OATH~~ OF UNITED STATES SURVEYOR.

I, Otis Ross, U. S. Surveyor, hereby certify upon honor
~~do solemnly swear~~ that, in pursuance
of special instructions received from the U. S. Surveyor General for Group 51, Arizona,
bearing date of the 23rd day of February, 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
Subdivision lines of
TOWNSHIP 22 NORTH, RANGE 14 WEST,

of the Gila and Salt
River Base & Meridian, in the State of Arizona, which are represented in
by the diagram on page 33 hereof, and in
the foregoing field notes as having been executed by me, and under my direction; and ~~I do further~~
~~solemnly swear~~ that all the corners of said survey have been established and perpetuated in strict accord-
ance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor
General for Group 51, Arizona, and in the specific manner described in the field notes, and that
the foregoing are the original field notes of such survey.

Otis Ross
U. S. Surveyor.

~~Subscribed by said~~ _____, and sworn to before me }
this _____ day of _____, 1915



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,
Phoenix, Arizona, July 18, 1918.

The foregoing field notes of the survey of the
Subdivision lines of
TOWNSHIP 22 NORTH, RANGE 14

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

executed by Otis Ross, U.S. Surveyor, and A. Parker Warner, U.S. Transitman,
under his special instructions dated Feb. 23, 1915, for Group 51, Arizona, having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the
surveys they describe, are hereby approved.

Frank M. Frost
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.