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Oct 11 1916

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Book "C"

4-679

BOOK 3063

FIELD NOTES

RE-
OF THE SURVEY OF

Part of the Subdivision Lines,

and SURVEY of

Completion of the Subdivision lines of

TOWNSHIP 27 NORTH, RANGE 4 WEST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

John F. Hesse

In the capacity of U. S. Surveyor, under instructions dated March 4, 1915,
issued by the United States Surveyor General to govern surveys included in
Group No. 53, which were approved by the Commissioner of the General Land
Office, December 14, 1915.

Resurvey & Survey commenced November 22, 1916.

Resurvey & Survey completed December 11, 1916.

Executed under Assignment
Instructions dated September 28, 1916 and December 18, 1916.

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1A

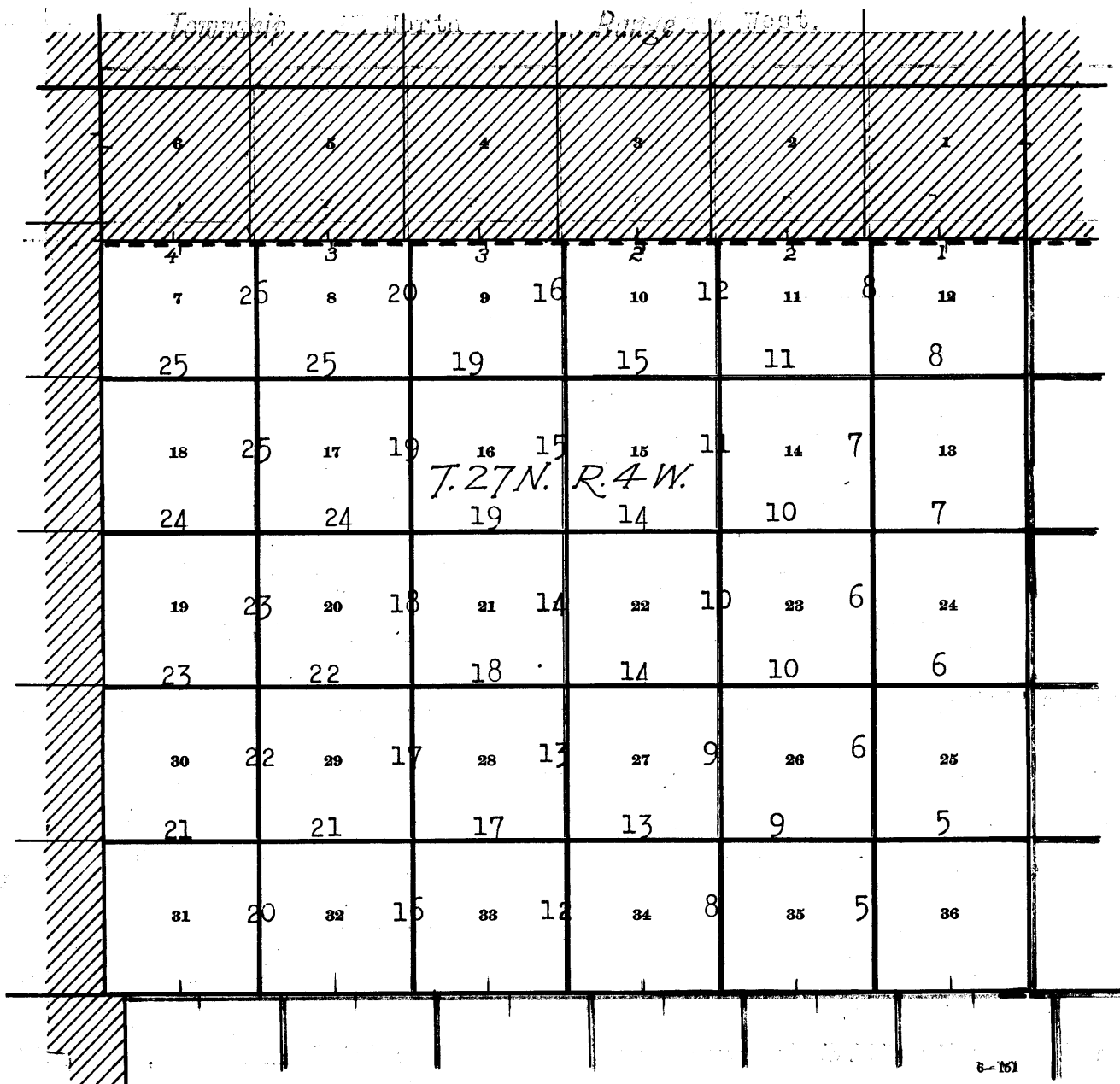
3063

Book "C"

Group 53-----Arizona.

BOOK 3063

INDEX DIAGRAM.



- Lines surveyed under this group. Notes in this book (3063)
- - - - - Lines resurveyed under this group. Notes in this book. (3063)
- Lines surveyed under this group. Notes in book "A." (3061)
- Lines surveyed under this group. Notes in book "B" (3062)
- - - - - Lines resurveyed under this group. Notes in book "B" (3062)
- Lines surveyed under this group. Notes in book "D." (3064)
- Accepted surveys.
- ////// Area surveyed as per accepted plats on file.

Resurvey of N. Bdy. of Secs. 12, 11, 10, 9, 8 & 7, T. 27 N., R. 4 W. 13
 Completion of Subdivision of T. 27 N., R. 4 W.

Chains.

Survey executed by John F. Hesse, U. S. Surveyor, using an A. Lietz light mountain transit, No. 6166, equipped with Smith solar attachment.

For description of instrument and record of approval, see beginning of notes of book "A".

Clinometers and five chain steel tapes were the instruments employed in the measurement of all lines.

Preparatory to the surveys in this township, I examine the adjustments of the transit and find them to be correct. Then to test the solar attachment by comparing its indications resulting from observations made during a.m. and p.m. hours, on a meridian established by observations on Polaris, I proceed as follows:

November 19, 1916, at my camp near the cor. of secs. 34 and 35, T. 27 N., R. 4 W., in lat $35^{\circ} 41' N.$, long. $112^{\circ} 41' 39'' W.$, at 3 hrs. 34.7m. a.m., l.m.t., I observe Polaris, at western elongation, in accordance with instructions in the Manual of Surveying, and mark the line thus determined by a tack in a wooden stake, set firmly in the ground, 5 chs. N. of my station. At daylight, I turn off the azimuth of Polaris, $1^{\circ} 24'$ to the east, and mark the meridian thus determined by a tack in a wooden stake, set firmly in the ground, to the east of the first stake.

At 9 hrs. 0 m., a.m., l.m.t., I set off $35^{\circ} 41' N.$ on the lat. arc; $19^{\circ} 28' W.$ on the decl. arc; and determine a meridian with the solar. The meridian thus determined coincides with the meridian established by observations on Polaris. I

At 3 hrs. 0 m., p.m., l.m.t., I set off $35^{\circ} 41' N.$ on the lat. arc; $19^{\circ} 31\frac{1}{2}' S.$ on the decl. arc; and determine a meridian with the solar. The meridian thus determined coincides with the meridian established by observations on Polaris. I therefore conclude that the adjustments of the transit and solar attachment are satisfactory.

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From the cor. of secs. 1, 6, 7 and 12, E. bdy. of Tp., which is a limestone, properly set, marked and witnessed as described by the Surveyor-General,

S. $89^{\circ} 44' W.$, on N. bdy. of sec. 12.

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

$\frac{1}{4}$ S12
1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.

40.19 The original $\frac{1}{4}$ sec. cor., which is a limestone, properly set, marked and witnessed as described by the Surveyor-General.

Thence continue measurement

S. $89^{\circ} 40' W.$,

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

T27N R4W

S11|S12
1916

dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist. Land, rolling.

Soil, sandy loam, gravelly surface, 2nd rate.

No timber. Fair grass.

2. Resurvey of N. Bdrs. of secs. 12, 11, 10, 9, 8 & 7. T. 27 N., R. 4 W.

Chains.

S.89°40'W., along N. bdy. of sec. 11.
 Over rolling land.
 0.46 The original cor. of secs. 1, 2, 11 and 12, which is a limestone, properly set, marked and witnessed as described by the Surveyor-General.
 Redig pits, 24 X 24 X 12 ins., NE. and NW., 6 ft. dist.
 Thence continue measurement
 N.89°59'W.
 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

$\frac{1}{4}$ S11
1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.
 40.38 The original $\frac{1}{4}$ sec. cor., which is a limestone, properly set, marked and witnessed as described by the Surveyor General.
 Redig pits, 18 X 18 X 12 ins., E. and W. of stone, 3 ft. dist.
 Thence continue measurement
 S.89°58'W.
 54.40 Road, brs. NW. to Supai Indian Village and SE. to Black Tanks and Ash Fork.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 10 and 11, marked on brass cap

T27N R4W

S10 S11
1916

dig pits, 24 X 24 X 12 ins., in each sec., 6 ft. dist.
 Land, rolling.
 Soil, sandy loam, gravelly surface, 2nd rate.
 No timber.
 Fair grass.

S.89°58'W., on N. bdy. of sec. 10.
 Over rolling land.
 0.54 The original cor. of secs. 2, 3, 10 and 11, which is a limestone, properly set, marked and witnessed as described by the Surveyor-General.
 Redig pits, 24 X 24 X 12 ins., NE. and NW., 6 ft. dist.
 Thence continue measurement
 N.89°59'W.
 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

$\frac{1}{4}$ S10
1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.
 40.82 The original $\frac{1}{4}$ sec. cor., which is a limestone, properly set, marked and witnessed as described by the Surveyor-General.
 Redig pits, 18 X 18 X 12 ins., E. and W. of stone, 3 ft. dist.
 Thence continue measurement,
 S.89°57'W.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 9 and 10, marked on brass cap

T27N R4W

S 9 S10
1916

Resurvey of N. bdy. of secs. 12, 11, 10, 9, 8 & 7, T. 27 N., R. 4 W., 3

Chains dig pits, 24 X 24 X 12 ins., in each sec., 6 ft. dist.
 Land, rolling.
 Soil, sandy loam, gravelly surface, 2nd rate.
 No timber.
 Fair grass.

1.00 S. 89° 57' W. on N. bdy. of sec. 9.
 Over rolling land,
 The original cor. of secs. 3, 4, 9 and 10, which is a limestone, properly set, mkd. and witnessed as described by the Surveyor General.
 Redig pits, 24 X 24 X 12 ins., NE. and NW. 6 ft. dist.
 Thence continue measurement
 S. 89° 57' W.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

1/4 S 9
 1916

41.13 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.
 The original 1/4 sec. cor., which is a limestone, properly set, mkd. and witnessed as described by the Surveyor General.
 Redig pits, 18 X 18 X 12 ins., E. and W. of stone, 3 ft. dist.
 Thence continue measurement
 S. 89° 55' W.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 8 and 9, mkd. on brass cap

T27N R 4W

S 8 | S 9
 1916

dig pits, 24 X 24 X 12 ins., in each sec., 6 ft. dist.
 Land, rolling.
 Soil, sandy loam, gravelly surface, 2nd rate.
 No timber.
 Fair grass.

1.34 S. 89° 55' W. on N. bdy. of sec. 8.
 Over rolling land.
 The original cor. of secs. 4, 5, 8 and 9, which is a limestone, properly set, mkd. and witnessed as described by the Surveyor General.
 Redig pits, 24 X 24 X 12 ins., NW. and NE., 6 ft. dist.
 Thence continue measurement
 S. 89° 57' W.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

1/4 S 8
 1916

41.35 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.
 The original 1/4 sec. cor., which is a limestone, properly set, mkd. and witnessed as described by the Surveyor General.
 Redig pits, 18 X 18 X 12 ins., E. and W. of stone, 3 ft. dist.

4. Resurvey of N. bdy. of secs. 12, 11, 10, 9, 8 & 7, T. 27 N., R. 4 W.

| | |
|----------------------------|--|
| <p>Chains</p> <p>80.00</p> | <p>Thence continue measurement S. 89° 56' W. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 7 and 8, mkd. on brass cap</p> <p style="text-align: center;">T27N R 4W</p> <p style="text-align: center;">S 7 S 8 1916</p> <p>dig pits, 24 X 24 X 12 ins., in each sec., 6 ft. dist. Land, rolling. Soil, sandy loam, gravelly surface, 2nd rate. No timber. Fair grass.</p> |
| <p>1.47</p> <p>40.00</p> | <p>S. 89° 56' W. on N. bdy. of sec. 7. Over rolling land. The original cor. of secs. 5, 6, 7 and 8, which is a limestone, properly set, mkd. and witnessed as described by the Surveyor General. Redig pits, 24 X 24 X 12 ins., NE. and NW., 6 ft. dist. Thence continue measurement S. 89° 57' W. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap</p> <p style="text-align: center;">$\frac{1}{4}$ S 7 1916</p> <p>dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.</p> |
| <p>41.57</p> <p>78.57</p> | <p>The original $\frac{1}{4}$ sec. cor., which is a limestone, properly set, mkd. and witnessed as described by the Surveyor General. Redig pits, 18 X 18 X 12 ins., E. and W. of stone, 3 ft. dist. Thence continue measurement S. 89° 59' W. The cor. of secs. 16 and 7, W. bdy. of Tp., which is a limestone, properly set, mkd. and witnessed as described by the Surveyor General. Land, rolling. Soil, clay loam, 2nd rate. No timber. Fair grass.</p> |

Completion of subdivision of T. 27 N., R. 4 W. 5

Chains

From the cor. of secs. 35 and 36, S. bdy. of Tp., described in book "D",
 NO° 1' W. bet. secs. 35 and 36.
 Over rolling land.
 1.00 Enter draw, course NE.
 4.00 Wash, 10 lks. wide, course NE.
 8.00 Leave draw.
 12.00 Enter scattering cedar brs. E. and W.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
 S35 | S36
 1916

from which,
 A cedar, 12 ins. diam., brs. N. 5° E.
 171 lks. dist. mkd. $\frac{1}{4}$ S. 36 B T.
 A cedar, 12 ins. diam., brs. S. 81° W.
 293 lks. dist. mkd. $\frac{1}{4}$ S 35 B T.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, in a mound of stone, for cor. of secs. 25, 26, 35 and 36, mkd. on brass cap

T27N R 4W
 S26 | S25
 S35 | S36
 1916

from which,
 A cedar, 10 ins. diam., brs. N. 3° E.
 308 lks. dist. mkd. T 27 N R 4 W S 25 B T.
 A cedar, 10 ins. diam., brs. N. 6° W.
 300 lks. dist. mkd. T 27 N R 4 W S 26 B T.
 No other trees within limits.
 Dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist.
 Land, rolling.
 Soil, sandy loam, gravelly surface, 2nd rate.
 Timber, cedar.
 Undergrowth, sagebrush.
 Fair grass.

40.00 East on a random line bet. secs. 25 and 36.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect E. bdy. of Tp., 4 lks. S. of the cor. of secs. 25, 30, 31 and 36, described in book "B".
 Thence
 S. 89° 58' W. on a true line bet. secs. 25 and 36.
 Over rolling land.
 11.00 Wash, 10 lks. wide, course NE.
 40.01 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 25
 S 36
 1916

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 57.50 Wash, 10 lks. wide, course NE.
 65.65 Road brs. NW. and SE.
 80.02 The cor. of secs. 25, 26, 35 and 36,
 Land, rolling.
 Soil, stony, 3rd rate.
 No timber.
 Undergrowth, sagebrush.
 Fair grass.

6 Completion of subdivision of T. 27 N. R. 4 W.

Chains

N. 0° 1' W. bet. secs. 25 and 26.
Over rolling land, through scattering timber.
Leave timber.

3.00
40.00

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
S26 | S25
1916

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., 24 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, mkd. on brass cap

T27N R 4W
S23 | S24
S26 | S25
1916

dig pits, 18 X 18 X 12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.
Land, rolling.
Soil, stony, 3rd rate.
No timber except scattering cedars near cor. of secs. 25, 26, 35 and 36.
Undergrowth, sagebrush.
Fair grass.

40.00
80.02

East on a random line bet. secs. 24 and 25.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect E. bdy. of Tp., 2 lks. S. of cor. of secs. 19, 24, 25 and 30, described in book "B".

Thence
S. 89° 59' W. on a true line bet. secs. 24 and 25.
Over rolling land.

40.01

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

$\frac{1}{4}$ S 24
S 25
1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.

67.15
79.75
80.02

Wash, 10 lks. wide, course NE.
Road brs. NW. and SE.
The cor. of secs. 23, 24, 25 and 26.
Land, rolling.
Soil, stony, 3rd rate.
No timber.
Undergrowth, sagebrush.
Fair grass.

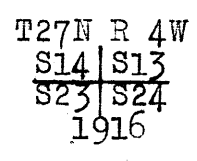
1.05
40.00

N. 0° 1' W. bet. secs. 23 and 24.
Over rolling land.
Road brs. NW. and SE.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
S23 | S24
1916

Completion of subdivision of T. 27 N. R. 4 W. 7

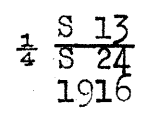
Chains
 80.00 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, mkd. on brass cap



dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.
 Land, rolling.
 Soil, sandy loam, gravelly surface, 2nd rate.
 No timber.
 Undergrowth, sagebrush.
 Fair grass.

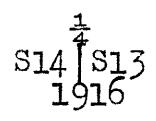
40.00 East on a random line bet. secs. 13 and 24.
 Set temp. ¼ sec. cor. of
 80.04 Intersect E. bdy. of Tp., 3 alk. S. cor. of secs. 13, 18, 19 and 24, described in book "B".

Thence
 S 89° 59' W. on a true line, bet. secs. 13 and 24.
 Over rolling land, through scattering undergrowth.
 40.02 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., mkd. on brass cap

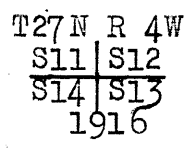


80.04 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.
 The cor. of secs. 13, 14, 23 and 24.
 Land, rolling.
 Soil, sandy loam, gravelly surface, 2nd rate; E. 20 chs. rocky 3rd rate.
 Undergrowth, sagebrush.
 Fair grass.
 No timber.

40.00 N. 0° 1' W. bet. secs. 13 and 14.
 Over rolling land.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., mkd. on brass cap



80.00 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, mkd. on brass cap



and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, rolling.
 Soil, sandy loam, gravelly surface, 2nd rate.

8 Completion of subdivision of T. 27 N., R. 4 W.

Chains

No timber.
Undergrowth, sagebrush.
Fair grass.

40.00 East on a random line bet. secs. 12 and 13.
Set temp. $\frac{1}{4}$ sec. cor.
80.04 Intersect E. bdy. of Tp., at the cor. of secs. 7, 12, 13
and 18, described in book "B".
Thence
West on a true line bet. secs. 12 and 13.
Over rolling land.
40.02 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$$\begin{array}{r} \frac{1}{4} S 12 \\ \frac{1}{4} S 13 \\ \hline 1916 \end{array}$$

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
dist.

80.04 The cor. of secs. 11, 12, 13 and 14.
Land, rolling.
Soil, sandy loam,, gravelly surface, 2nd rate.
No timber.
Fair grass.

40.00 N. $0^{\circ} 1'$ W. on a random line, bet. secs. 11 and 12.
Set temp. $\frac{1}{4}$ sec. cor.
69.15 Intersect E. and W. line, 4 lks. W. of the cor. of secs.
11 and 12, hereinbefore described.
Thence
S. $0^{\circ} 1'$ W. on a true line bet. secs. 11 and 12.
Over rolling land.
29.15 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$$\begin{array}{r} \frac{1}{4} \\ S11 | S12 \\ \hline 1916 \end{array}$$

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
dist.

69.15 The cor. of secs. 11, 12, 13 and 14.
Land, rolling.
Soil, sandy loam, gravelly surface, 2nd rate.
No timber.
Fair grass.

7.50 From the cor. of secs. 34 and 35, S. bdy. of Tp., de-
scribed in book "D".
40.00 N. $0^{\circ} 1'$ W. bet. secs. 34 and 35.
Over rolling land, through scattering cedar.
Cedar becomes very dense.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$$\begin{array}{r} \frac{1}{4} \\ S34 | S35 \\ \hline 1916 \end{array}$$

from which,

A cedar, 10 ins. diam., brs. S. $60\frac{1}{2}^{\circ}$ E.
67 lks. dist. mkd. $\frac{1}{4}$ S 35 B T.

Completion of subdivision of T. 27 N. R. 4 W. 0

Chains

A cedar, 18 ins. diam., brs. N. $87\frac{3}{4}^{\circ}$ W.
 24 lks. dist. mkd. $\frac{1}{4}$ S 34 B T.

45.00 Leave cedar brs. NE. and SW.
 46.75 Road brs. NW. and SE.
 80.00 Set an iron post, 3ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 26, 27, 34 and 35, mkd. on
 brass cap

T27N R 4W
 S27 | S26
 S34 | S35
 1916

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 Land, rolling.
 Soil, sandy loam, gravelly and stony, 3rd rate.
 Timber, cedar.
 Undergrowth, sagebrush.
 Fair grass.

40.00 East on a random line bet. secs. 26 and 35.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect N. and S. line, 3 lks. N. of the cor. of secs.
 25, 26, 35 and 36.
 Thence
 N. $89^{\circ} 59'$ W. on a true line bet. secs. 26 and 35.
 Over rolling land.
 40.02 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 26
 S 35
 1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
 dist.
 80.04 The cor. of secs. 26, 27, 34 and 35.
 Land, rolling.
 Soil, stony, 3rd rate.
 No timber.
 Undergrowth, sagebrush.
 Good grass.

40.00 N. $0^{\circ} 1'$ W. bet. secs. 26 and 27.
 Over rolling land.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
 S27 | S26
 1916

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
 dist.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 22, 23, 26 and 27, mkd. on
 brass cap

T27N R 4W
 S22 | S23
 S27 | S26
 1916

10 Completion of subdivision of T. 27 N. R. 4 W.

Chains

dig pits, 18 X 18 X 12 ins., in each sec., 5 1/2 ft. dist.
Land, rolling.
Soil, stony, 3rd rate.
No timber.
Sagebrush.
Good grass.

40.00 East on a random line bet. secs. 23 and 26.

Set temp. 1/4 sec. cor.

80.05 Intersect N. and S. line, 4 lks. S. of cor. of secs. 23, 24, 25 and 26.

Thence

S. 89° 58' W. on a true line bet. secs. 23 and 26.

Over rolling land.

40.02 1/2 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

1/4 S 23
S 26
1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.

80.05 The cor. of secs. 22, 23, 26 and 27.

Land, rolling.

Soil, stony, 3rd rate.

No timber.

Undergrowth, sagebrush.

Good grass.

N. 0° 1' W. bet. secs. 22 and 23.

Over rolling land.

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

1/4 S 22 | S 23
1916

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.

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, mkd. on brass cap

T27 N. R. 4 W
S15 | S14
S22 | S23
1916

dig pits, 18 X 18 X 12 ins., in each sec., 5 1/2 ft. dist.

Land, rolling.

Soil, sandy loam, gravelly surface, 2nd rate.

No timber.

Undergrowth, sagebrush.

Fair grass.

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

Set temp. 1/4 sec. cor.

80.04 Intersect N. and S. line, 7 lks. S. of cor. of secs. 13, 14, 23 and 24.

Thence

S. 89° 57' W. on a true line bet. secs. 14 and 23.

Completion of subdivision of T. 27 N. R. 4 W. 11

Chains

18.75 Over rolling land.
 Road brs. NW. and SE.
 40.02 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 24
 $\frac{1}{4}$ S 25
 1916

80.04 dig pits, 18 X 18 X 12 ins , E. and W. of post, 3 ft. dist.
 The cor. of secs. 14, 15, 22 and 23.
 Land, rolling.
 Soil, sandy loam, gravelly surface, 2nd rate.
 No timber.
 Undergrowth, sagebrush.
 Fair grass.

40.00 N. 0° 1' W. bet. secs. 14 and 15.
 Over rolling land.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
 S15 | S14
 1916

71.00 dig pits, 18 X 18 X 12 ins. N. and S. of post, 3 ft. dist.
 Center of dry pond, 1 ch. wide, 10 chs. long, brs. NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, mkd. on brass cap

T27N R 4W
 S10 | S11
 S15 | S14
 1916

dig pits, 18 X 18 X 12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.
 Land, rolling.
 Soil, sandy loam, gravelly surface, 2nd rate.
 No timber.
 Undergrowth, sagebrush.
 Fair grass.

40.00 East on a random line bet. secs. 11 and 14.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.06 Intersect N. and S. line, 7 lks. S. of cor. of secs. 11, 12, 13 and 14.

Thence
 S. 89° 57' W. on a true line bet. secs. 11 and 14.

38.50 Over rolling land.
 Road brs. N. and S.
 40.03 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 11
 $\frac{1}{4}$ S 14
 1916

dig pits, 18 X 18 X 12ins. E. and W. of post, 3 ft. dist.

12 Completion of subdivision of T. 27 N. R. 4 W.

Chains
80.06

The cor. of secs. 10, 11, 14 and 15.
Land, rolling.
Soil, sandy loam, gravelly surface, 2nd rate.
No timber.
Fair grass.

40.00
69.23

N. 0° 1' W. on a random line bet. secs. 10 and 11.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect E. and W. line, 10 lks. W. of the cor. of secs. 10 and 11, hereinbefore described.

Thence
S. 0° 4' W. on a true line bet. secs. 10 and 11.
Over rolling land.

29.23

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

$\frac{1}{4}$
S10 | S11
1916

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.

69.23

The cor. of secs. 10, 11, 14 and 15.
Land, rolling.
Soil, sandy loam, gravelly surface, 2nd rate.
No timber.
Fair grass.

26.60
40.00

From the cor. of secs. 33 and 34, S. bdy. of Tp., described in book "D",
N. 0° 2' W. bet. secs. 33 and 34.
Asc. rough SE. slope, covered with loose volcanic rock, through dense timber and brush, 341 ft. to
Rim of mesa brs. NE. and SW. Thence over rolling mesa.
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
S33 | S34
1916

from which,

A cedar, 14 ins. diam., brs. N. 12° E.

54 lks. dist. mkd. $\frac{1}{4}$ S 34 B T.

A pinion, 12 ins. diam., brs. N. 78° W.

30 lks. dist. mkd. $\frac{1}{4}$ S 33 B T.

48.00
80:00

Edge of mesa brs. E. and W. Desc. N. slope, 498 ft. to
Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, in a mound of stone, for cor. of secs. 27, 28, 33 and 34, mkd. on brass cap

T27N R 4W
S28 | S27
S33 | S34
1916

from which,

A cedar, 10 ins. diam., brs. N. 71 $\frac{1}{2}$ ° E.
44 lks. dist. mkd. T 27 N R 4 W S 27 B T.

A cedar, 8 ins. diam., brs. S. 61 $\frac{1}{2}$ ° E.
44 lks. dist. mkd. T 27 N R 4 W S 34 B T.

A pinion, 10 ins. diam., brs. S. 50 $\frac{1}{2}$ ° W.
44 lks. dist. mkd. T 27 N R 4 W S 33 B T.

A cedar, 4 ins. diam., brs. N. 35 $\frac{1}{2}$ ° W.
72 lks. dist. mkd. T 27 N R 4 W S 28 B T.

Completion of Subdivision of T. 27 N., R. 4 W. 13.

| | |
|----------------|--|
| Chains. | <p>Land, mountainous and rolling. Soil, loose volcanic rock. Timber, cedar and pinion. Undergrowth, cedar.</p> |
| 40.00 79.98 | <p>East on a random line, bet. secs. 27 and 34. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 3 lks. N. of the cor. of secs. 26, 27, 34 and 35.</p> |
| 21.85 26.00 | <p>Thence N. $89^{\circ}59'$ W., on a true line, bet. secs. 27 and 34. Over rolling land, through scattering undergrowth. Road, brs. NW. and SE. Enter dense timber, brs. NW. and SE. Asc. NE. slope, 220 ft.</p> |
| 39.99 | <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> |
| | $\begin{array}{r} \frac{1}{4} S27 \\ \frac{1}{4} S34 \\ \hline 1916 \end{array}$ |
| | <p>from which A cedar, 8 ins. diam., brs. N. 24° E., 59 lks. dist., marked $\frac{1}{4}$ S27 BT. A cedar, 12 ins. diam., brs. S. 83° E., 28 lks. dist., marked $\frac{1}{4}$ S34 BT.</p> |
| 59.63 | <p>Wash, 20 lks. wide, course NE. Continue ascent.</p> |
| 69.90 | <p>Wash, 10 lks. wide, course NE. Thence along rough N. slope.</p> |
| 79.98 | <p>The cor. of secs. 27, 28, 33 and 34. Land, rolling and mountainous. Soil, E. half mile, sandy loam, gravelly, 2nd rate; remainder loose volcanic rock. Timber, cedar and pinion. Undergrowth, cedar and sagebrush. Fair grass on E. half mile.</p> |
| 0.50 | <p>N. $0^{\circ}2'$ E., bet. secs. 27 and 28. Desc. N. slope, through dense timber and undergrowth, 200 ft. to $\frac{1}{4}$ sec. cor.</p> |
| 8.00 | <p>Wash, 10 lks. wide, course NW.</p> |
| 34.78 | <p>Same wash, course NE. Road, brs. E. and W. Leave dense timber and undergrowth and enter scattering timber, brs. E. and W.</p> |
| 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> |
| | $\begin{array}{r} \frac{1}{4} \\ S28 \quad S27 \\ \hline 1916 \end{array}$ |
| | <p>from which A cedar, 12 ins. diam., brs. N. 78° E., 66 lks. dist., marked $\frac{1}{4}$ S27 BT. A cedar, 6 ins. diam., brs. N. $14\frac{1}{2}^{\circ}$ W., 91 lks. dist., marked $\frac{1}{4}$ S28 BT.</p> |
| 80.00 | <p>Thence over rolling land. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, marked on brass cap</p> |
| | $\begin{array}{r} T27N \quad R4W \\ S21 \quad S22 \\ \hline S28 \quad S27 \\ \hline 1916 \end{array}$ |
| | <p>dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist.</p> |

14. Completion of subdivision of T. 27 N., R. 4 W.

Chains.

Land, mountainous and rolling.
Soil, S. 20 chs. loose volcanic rock; N. 60 chs. sandy loam, gravelly, 2nd rate.
Timber, cedar and pinion;
Undergrowth, cedar and sagebrush.
Fair grass on N. 1/2 mile.

40.00 East on a random line, bet. secs. 22 and 27.
Set temp. 1/4 sec. cor.
79.90 Intersect N. and S. line, 4 lks. N. of the cor. of secs. 22, 23, 26 and 27.

Thence
N. 89° 58' W., on a true line, bet. secs. 22 and 27.
Over rolling land.
39.95 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, in a mound of stone, for 1/4 sec. cor., marked on brass cap

1 S22
4 S27
1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
79.90 The cor. of secs. 21, 22, 27 and 28.
Land, rolling.
Soil, sandy loam, gravelly surface, 2nd rate.
No timber.
Undergrowth, sagebrush and algerita.
Fair grass.

40.00 N. 0° 2' W., bet. secs. 21 and 22.
Over rolling land, through scattering undergrowth.
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
S21 | S22
1916

77.95 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.
80.00 Wash, 10 lks. wide, course NE.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, marked on brass cap

T27N R4W
S16 | S15
S21 | S22
1916

dig pits, 18 X 18 X 12 ins., in each sec., 5 1/2 ft. dist.
Land, rolling.
Soil, sandy loam, gravelly surface, 2nd rate.
No timber.
Undergrowth, sagebrush.
Fair grass.

40.00 East on a random line, bet. secs. 15 and 22.
Set temp. 1/4 sec. cor.
79.90 Intersect N. and S. line, 7 lks. N. of cor. of secs. 14, 15, 22 and 23.

Completion of subdivision of T. 27 N. R. 4 W. 15

Chains

Thence
N. 89° 57' W. on a true line bet. secs. 15 and 22.
Over rolling land.

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

$\frac{1}{4}$ S 15
S 22
1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.

75.05 Wash, 10 lks. wide, course NE.

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

Land rolling.

Soil, sandy loam, gravelly surface, 2nd rate.

No timber.

Undergrowth, sagebrush.

Fair grass.

N. 0° 2' W. bet. secs. 15 and 16.

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., mkd. on brass cap

$\frac{1}{4}$
S16 | S15
1916

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.

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, mkd. on brass cap

T27N R 4W
S 9 | S10
S16 | S15
1916

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

Land, rolling.

Soil, sandy loam, gravelly surface, 2nd rate, except N. 15 chs. which is rocky, 4th rate.

No timber.

Undergrowth, sagebrush.

Fair grass.

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

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

79.90 Intersect N. and S. line, 7 lks. N. of cor. of secs. 10, 11, 14 and 15.

Thence

N. 89° 57' W. on a true line bet. secs. 10 and 15.

Over rolling land.

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

$\frac{1}{4}$ S 10
S 15
1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.

16 Completion of subdivision of T. 27 N. R. 4 W.

Chains

79.90

The cor. of secs. 9, 10, 15 and 16.
Land, rolling.
Soil, sandy loam, gravelly surface, 2nd rate, except W.
10 chs. which is rocky, 4th rate.
No timber.
Undergrowth, sagebrush.
Fair grass.

40.00

N. 0° 2' W. on a random line bet. secs. 9 and 10.
Set temp. $\frac{1}{4}$ sec. cor.

69.15

Intersect E. and W. line, at the cor. of secs. 9 and 10,
hereinbefore described.

Thence

S. 0° 2' E. on a true line bet. secs. 9 and 10.

Over rolling land.

29.15

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

$$\begin{array}{c} \frac{1}{4} \\ S\ 9\ \frac{1}{4}\ S\ 10 \\ 1916 \end{array}$$

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
dist.

69.15

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

Land, rolling.

Soil, sandy loam, gravelly surface, 2nd rate, except
S. 20 chs. which is rocky, 4th rate.

No timber.

Undergrowth, sagebrush.

Fair grass.

40.00

From the cor. of secs. 32 and 33, S. bdy. of Tp. de-
scribed in book "D",

N. 0° 3' W. bet. secs. 32 and 33.

Over rolling mesa, covered with loose volcanic rock,
through dense timber and undergrowth.

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

$$\begin{array}{c} \frac{1}{4} \\ S\ 32\ \frac{1}{4}\ S\ 33 \\ 1916 \end{array}$$

from which,

A cedar, 12 ins. diam., brs. N. 57° E.
28 lks. dist. mkd. $\frac{1}{4}$ S 33 B T.

A cedar, 12 ins. diam., brs. S. 12 $\frac{1}{2}$ ° W.
34 lks. dist. mkd. $\frac{1}{4}$ S 32 B T.

60.00

Edge of mesa, desc. N. slope, 450 ft. to

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, mkd.
on brass cap

$$\begin{array}{c} T27N\ R\ 4W \\ S29\ \frac{1}{4}\ S28 \\ S32\ \frac{1}{4}\ S33 \\ 1916 \end{array}$$

from which,

A pinion, 10 ins. diam., brs. N. 63 $\frac{1}{2}$ ° E.
27 lks. dist. mkd. T 27 N R 4 W S 28 B T.

A pinion, 8 ins. diam., brs. S. 31° E.
42 lks. dist. mkd. T 27 N R 4 W S 33 B T.

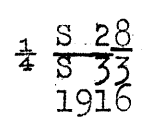
A pinion, 10 ins. diam., brs. S. 67 $\frac{1}{2}$ ° W.
74 lks. dist. mkd. T 27 N R 4 W S 32 B T.

Completion of subdivision of T. 27 N., R. 4 W. 17

Chains

A pinion, 10 ins. diam., brs. N. 83° W.
 16 lks. dist. mkd. T 27 N R 4 W S 29 B T.
 Land, mountainous and rolling.
 Soil, loose volcanic rock.
 Timber, cedar and pinion.
 Undergrowth, cedar.

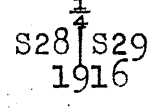
East on a random line bet. secs. 28 and 33.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.06 Intersect N. and S. line, 3 lks. S. of cor. of secs. 21,
 22, 27 and 28.
 Thence
 S. 89° 59' W. on a true line bet. secs. 28 and 33.
 Along rough general NE. slope of mesa, covered with loose
 volcanic rock, through dense timber and undergrowth.
 Asc. 154 ft. to spur.
 11.50 Wash, 10 lks. wide, course NE.
 23.75 Wash, 20 lks. wide, course NW.
 29.00 Wash, 10 lks. wide, course NE.
 40.03 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the
 ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd. on
 brass cap



from which,
 A cedar, 10 ins. diam., brs. N. 17 $\frac{1}{2}$ ° E.
 18 lks. dist. mkd. $\frac{1}{4}$ S. 28 B T.
 A cedar, 10 ins. diam., brs. S. 14 $\frac{1}{2}$ ° W.
 4 lks. dist. mkd. $\frac{1}{4}$ S 33 B T.

49.25 Spur slopes N. Desc. gradual slope.
 73.37 Wash, 10 lks. wide, course NW.
 80.06 The cor. of secs. 28, 29, 32 and 33.
 Land, mountainous.
 Soil, loose volcanic rock.
 Timber, cedar and pinion.
 Undergrowth, cedar.

N. 0° 3' W. bet. secs. 28 and 29.
 Desc. rough N. slope of mesa, covered with loose rock,
 through dense timber and brush, 220 ft. to 43 chs.
 .85 Wash, 10 lks. wide, course NW.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap



from which,
 A cedar, 8 ins. diam., brs. S. 44° E.
 24 lks. dist. mkd. $\frac{1}{4}$ S 29 B T.
 A cedar, 8 ins. diam., brs. S. 53° W.
 22 lks. dist. mkd. $\frac{1}{4}$ S 28 B T.

43.00 Leave timber and undergrowth, brs. E. and W.
 Foot of descent. Thence over rolling land.
 50.35 Road brs. E. and W.
 70.15 Wash, 10 lks. wide, course NE.
 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, mkd. on
 brass cap

18

Completion of subdivision of T. 27 N., R. 4 W.

Chains

T27N R 4W
 S20|S21
 S29|S28
 1916

dig pits, 18 X 18 X 12 ins. in each sec., 5½ ft. dist.
 Land, mountainous and rolling.
 Soil, S. 40 chs. loose volcanic rock; N. 40 chs. sandy
 loam, gravelly surface, 2nd rate.
 Timber, cedar and pinion.
 Undergrowth, cedar and sagebrush.
 Fair grass on N. ½ mile.

40.00
 79.98

East on a random line bet. secs. 21 and 28.
 Set temp. ¼ sec. cor.
 Intersect N. and S. line, 4 lks. S. of cor. of secs.
 21, 22, 27 and 28.

Thence

S. 89° 58' W. on a true line bet. secs. 21 and 28.
 Over rolling land.

39.99

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in a
 mound of stone, for ¼ sec. cor., mkd. on brass cap

¼ S 21
 S 28
 1916

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

71.00
 79.98

Wash, 10 lks. wide, course NE.
 The cor. of secs. 20, 21, 28 and 29.
 Land, rolling.
 Soil, sandy loam, stony, 3rd rate.
 No timber.
 Undergrowth, sagebrush and algerita.
 Fair grass.

1.15
 40.00

N. 0° 3' W. bet. secs. 20 and 21.
 Over rolling land.

Wash, 10 lks. wide, course NE.

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

¼
 S20|S21
 1916

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
 dist.

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, mkd. on
 brass cap

T27N R 4W
 S17|S16
 S20|S21
 1916

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

Land, rolling.
 Soil, sandy loam, gravelly surface, 2nd rate.
 No timber.
 Undergrowth, sagebrush.
 Fair grass.

Completion of subdivision of T. 27 N., R. 4 W. 19

Chains

East on a random line bet. secs. 16 and 21.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. and S. line, 4 lks. S. of cor. of secs. 15, 16, 21 and 22.
 Thence
 S. $89^{\circ} 58'$ W. on a true line bet. secs. 16 and 21.
 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., mkd. on brass cap

$$\begin{array}{r} \frac{1}{4} S 16 \\ \frac{1}{4} S 21 \\ 1916 \end{array}$$

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.
 80.00 The cor. of secs. 16, 17, 20 and 21.
 Land, rolling.
 Soil, sandy loam, gravelly surface, 2nd rate.
 No timber.
 Undergrowth, sagebrush.
 Fair grass.

N. $0^{\circ} 3'$ W. bet. secs. 16 and 17.
 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., mkd. on brass cap

$$\begin{array}{r} \frac{1}{4} \\ S17 \quad | \quad S16 \\ 1916 \end{array}$$

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.
 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, mkd. on brass cap

$$\begin{array}{r} T27N R 4W \\ S 8 | S 9 \\ S17 | S16 \\ 1916 \end{array}$$

dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist.
 Land, rolling.
 Soil, sandy loam, gravelly surface, 2nd rate.
 No timber.
 Undergrowth, sagebrush.
 Fair grass.

East on a random line bet. secs. 9 and 16.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.98 Intersect N. and S. line, 4 lks. S. of cor. of secs. 9, 10, 15 and 16.
 Thence
 S. $89^{\circ} 58'$ W. on a true line bet. secs. 9 and 16.
 Over rolling land.
 39.99 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$$\begin{array}{r} \frac{1}{4} S 9 \\ \frac{1}{4} S 16 \\ 1916 \end{array}$$

20 Completion of subdivision of T. 27 N. R. 4 W.

Chains

79.98 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
 The cor. of secs. 8, 9, 16 and 17.
 Land, rolling.
 Soil, E. 1/2 mile rocky, 4th rate; remainder gravelly surface 2nd rate.
 No timber.
 Undergrowth, sagebrush.
 Fair grass.

40.00 N. 0° 3' W. on a random line bet. secs. 8 and 9.
 Set temp. 1/4 sec. cor.
 69.08 Intersect E. and W. line, at the cor. of secs. 8 and 9, hereinbefore described.
 Thence
 S. 0° 3' E. onto true line bet. secs. 8 and 9.
 29.08 Over rolling land.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap
 S 8 1/4 S 9
 1916

69.08 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.,
 The cor. of secs. 8, 9, 16 and 17.
 Land, rolling.
 Soil, sandy loam, gravelly surface, 2nd rate.
 No timber.
 Undergrowth, sagebrush.
 Fair grass.

5.15 From the cor. of secs. 31 and 32, S. bdy. Tp., described in book "D",
 N. 0° 3' W. bet. secs. 31 and 32.
 Over rolling top of mesa, through dense timber and brush.
 Top of bluff 50 ft. high, desc. N. slope of mesa 529 ft. to 67.50 chs.
 9.50 Wash, 20 lks. wide, course NW., thence along NW. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap
 S 31 1/4 S 32
 1916

from which,
 A pinion, 12 ins. diam., brs. N. 69° E.
 23 lks. dist. mkd. 1/4 S 32 B T.
 A cedar, 14 ins. diam., brs. N. 73° W.
 16 lks. dist. mkd. 1/4 S 31 B T.
 67.50 Wash, 10 lks. wide, course NW. Thence over rolling land.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, mkd. on brass cap

T27N R 4W
 S30 | S29
 S31 | S32
 1916

from which,
 A cedar, 36 ins. diam., brs. N. 11 1/2° E.
 477 lks. dist. mkd. T 27 N R 4 W S 29 B T.
 A cedar, 24 ins. diam., brs. S. 59° E.
 273 lks. dist. mkd. T 27 N R 4 W S 32 B T.

Completion of subdivision of T. 27 N., R. 4 W. 21

Chains

A cedar, 10 ins., diam., brs. S. 58° W.
 141 lks. dist. mkd. T 27 N.R 4 W S 31 B T.
 A cedar, 14 ins. diam., brs. N. 40½° W.
 193 lks. dist. mkd. T 27 N.R 4 W S 30 B T.

Land, mountainous.
 Soil, loose volcanic rock.
 Timber, cedar and pinion.
 Undergrowth, cedar.

40.00 East on a random line bet. secs. 29 and 32.
 Set an temp. ¼ sec. cor.
 80.04 Intersect N. and S. line at the cor. of secs. 28, 29, 32
 and 33.
 Thence
 West on a true line bet. secs. 29 and 32.
 Along rough N. slope, covered with loose volcanic rock,
 through dense timber and brush.
 3.20 Wash, 20 lks. wide, course N.
 21.25 Wash, 10 lks. wide, course N.
 26.40 Brush fence brs. N. and S.
 30.20 Spur slopes N. Thence desc. general NW. slope.
 40.02 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., mkd. on brass cap

¼ S 29
 S 32
 1916

from which,
 A pinion 8 ins. diam., brs. N. 81° W.
 51 lks. dist. mkd. ¼ S 29 B T.
 A cedar, 18 ins. diam., brs. S. 75½° E.
 30 lks. dist. mkd. ¼ S 32 B T.

66.25 Wash, 10 lks. wide, course NW. Foot of slope, 185 ft.
 below sec. cor. Thence over rolling slope.
 80.04 The cor. of secs. 29, 30, 31 and 32.
 Land, mountainous and rolling.
 Soil loose volcanic rock.
 Timber, cedar.
 Undergrowth, cedar.

40.00 West on a random line bet. secs. 30 and 31.
 Set temp. ¼ sec. cor.
 79.20 Intersect W. bdy. of Tp., 3 lks. S. of cor. of secs.
 25, 30, 31 and 36, which is an iron post, 3 ft. long,
 3 ins. diam., properly set, mkd. and witnessed as
 described by the Surveyor General.
 Thence
 S. 89° 59' E. on a true line bet. secs. 30 and 31.
 Desc. E. slope through dense timber and undergrowth, 138
 ft. to
 24.00 Over rolling land.
 30.00 Wash, 10 lks. wide, course NE.
 39.20 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor. mkd. on brass cap

¼ S 30
 S 31
 1916

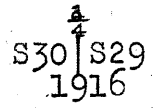
from which,
 A cedar, 12 ins. diam., brs. N. 57¼° W.
 6 lks. dist., mkd. ¼ S 30 B T.
 A cedar, 15 ins. diam., brs. S. 57½° W.
 8 lks. dist., mkd. ¼ S 31 B T.

40.86 Wire fence, brs. NE. and SW.

22 Completion of subdivision of T. 27 N., R. 4 W.

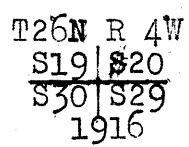
Chains
 60.80 Wash, 10 lks. wide, course NE.
 79.20 The cor. of secs. 29, 30, 31 and 32.
 Land, mountainous and rolling.
 Soil sandy loam, gravelly surface, 2nd rate; W. 24 chs.
 loose volcanic rock.
 Timber, cedar and pinion.
 Undergrowth, cedar.
 Fair grass on rolling land.

N. 0° 3' W. bet. secs. 29 and 30.
 Over rolling land, through dense timber and brush.
 3.05 Wash, 10 lks. wide, course NE.
 25.00 Timber and brush becomes scattering.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap



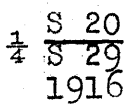
from which,
 A cedar, 10 ins. diam., brs. N. 35 $\frac{1}{2}$ ° E.
 332 lks. dist. mkd. $\frac{1}{4}$ S 29 B T.
 A cedar, 12 ins. diam., brs. S. 79 $\frac{1}{2}$ ° W.
 176 lks. dist. mkd. $\frac{1}{4}$ S 30 B T.

46.70 Wire fence, brs. E. and W., tank, brs. W. 22 chs. dist.
 47.95 Road brs. E. and W., leave timber and brush.
 55.95 Wash, 10 lks. wide, course NE.
 59.85 Wash, 10 lks. wide, course NE.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in
 the ground, for cor. of secs. 19, 20 29 and 30, mkd.
 on brass cap



and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 W. of cor.
 Land, rolling.
 Soil, sandy loam, gravelly surface, 2nd rate.
 Timber, cedar and pinion.
 Undergrowth, cedar and sagebrush.
 Fair grass.

40.00 East on a random line bet. secs. 20 and 29.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.98 Intersect N. and S. line, 2 lks. N. of cor. of secs. 20,
 21, 28 and 29.
 Thence
 N. 89° 59' W. on a true line bet. secs. 20 and 29.
 Over rolling land.
 8.00 Wash, 10 lks. wide, course NE.
 39.99 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap



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

64.40 Wash, 10 lks. wide, course NE.
 76.70 Road, brs. NW. and SE.
 79.98 The cor. of secs. 19, 20, 29 and 30.

Chains

Land, rolling.
Soil, sandy loam, gravelly and stony. 2nd rate.
No timber.
Undergrowth, sagebrush and algerita.
Fair grass.

West on a random line bet. secs. 19 and 30.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.06 Intersect. W. bdy. of Tp., 3 lks. N. of the cor. of secs. 19, 24, 25 and 30, which is an iron post, 3 ins. diam., properly set, mkd. and witnessed as described by the Surveyor General.

Thence
N. 89° 59' E. on a true line bet. secs. 19 and 30.
Desc. gentle NE. slope, through dense timber and undergrowth.

24.00 Timber and undergrowth becomes scattering.
39.06 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 19
S 30
1916

from which,

A cedar, 16 ins. diam., brs. N. 69° W.
142 lks. dist. mkd. $\frac{1}{4}$ S 19 B T.

A cedar, 12 ins. diam., brs. S. 5° W.
385 lks. dist. mkd. $\frac{1}{4}$ S 30 B T.

Leave timber and undergrowth; thence over rolling land.
51.70 Wash, 20 lks. wide, course NE.
60.00 Enter scattering timber, brs. NE. and SW.
72.00 Leave timber, brs. NW. and SE.
79.06 The cor. of secs. 19, 20, 29 and 30.

Land, rolling and hilly.
Soil, sandy loam, gravelly and stony, 2nd rate.
Timber, cedar and pinion.
Undergrowth, sagebrush and cedar.
Fair grass.

N. 0° 3' W. bet. secs. 19 and 20.
Over rolling land.
5.60 Road, brs. NW. to Supai and SE. to Ash Fork.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
S19 | S20
1916

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
67.65 Wash, 10 lks. wide, course NE.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, mkd. on brass cap

T27N R 4W
S18 | S17
S19 | S20
1916

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
Land, rolling.
Soil, sandy loam, gravelly surface, 2nd rate.

Chains

No timber.
Undergrowth, sagebrush.
Fair grass.

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

Thence

West on a true line bet. secs. 17 and 20;
Over rolling land.
25.50 Wash, 10 lks. wide, course NE.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap.

$\frac{1}{4}$ S 17
 $\frac{1}{4}$ S 20
1916

dig pits, 18 X 18 X 12 ins., E. and W. of cor., 3 ft.
dist.

77.40 Wash, 10 lks. wide, course NE.
80.00 The cor. of secs. 17, 18, 19 and 20.

Land, rolling.
Soil sandy loam, gravelly surface, 2nd rate.
No timber.
Undergrowth, sagebrush.
Fair grass.

49.00 West on a random line, bet. secs. 18 and 19.
Set temp. $\frac{1}{4}$ sec. cor.
78.86 Intersect W. bdy. of Tp., 3 lks. N. of ^{cor. of} secs. 13, 18,
19 and 24, which is an iron post, 3 ins. diam.,
properly set, mkd. and witnessed as described by the
Surveyor General.

Thence

N. 89° 59' W. on a true line bet. secs. 18 and 19.
Over rolling land.
10.75 Asc. gentle W. slope, through scattering timber, 30 ft.
to
23.50 Top of spur, slopes N. Desc. 30 ft. to
28.50 Foot of descent. Leave timber, thence over rolling land.
35.24 Road, brs. NW. to Supai and SE. to Ash Fork.
38.86 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

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

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
dist.

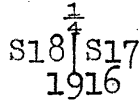
78.86 The cor. of secs. 17, 18, 19 and 20.
Land, rolling.
Soil, sandy loam, gravelly surface, 2nd rate.
Timber, cedar.
Undergrowth, sagebrush.
Fair grass.

Completion of subdivision of T. 27 N., R. 4 W. 25

Chains

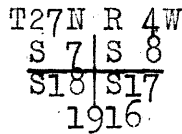
N. 0° 3' W. bet. secs. 17 and 18.
Over rolling land.

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



dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, mkd. on brass cap



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

Land, rolling.

Soil, sandy loam, gravelly surface, 2nd rate.

No timber.

Undergrowth, sagebrush.

Fair grass.

40.00 East on a random line, bet. secs. 8 and 17.

Set temp. 1/4 sec. cor.

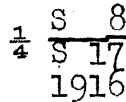
80.02 Intersect N. and S. line, at the cor. of secs. 8, 9, 16 and 17.

Thence

West on a true line bet. secs. 8 and 17.

Over rolling land.

40.01 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in a mound of stone, for 1/4 sec. cor., mkd. on brass cap



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

80.02 The cor. of secs. 7, 8, 17 and 18.

Land, rolling.

Soil, sandy loam, stony, 3rd rate.

No timber.

Undergrowth, sagebrush.

Fair grass.

40.00 West on a random line bet. secs. 7 and 18.

Set temp. 1/4 sec. cor.

78.69 Intersect W. bdy. of Tp., 4 lks. N. of cor. of secs.

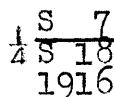
7, 12, 13 and 18, which is an iron post, 3 ins. diam., properly set, mkd. and witnessed as described by the Surveyor General.

Thence

N. 89° 58' E. on a true line bet. secs. 7 and 18.

Over rolling land.

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



26 Completion of subdivision of T. 27 N. R. 4 W.

Chains

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.

78.69 The cor. of secs. 7, 8, 17 and 18.
Land, rolling.
Soil, sandy loam, gravelly surface, 2nd rate; E. 10 chs. stony 3rd rate.
No timber.
Undergrowth, sagebrush.
Fair grass.

40.00 N. 0° 3' W. on a random line, bet. secs. 7 and 8.
Set temp. $\frac{1}{4}$ sec. cor.

69.06 Intersect E. and W. line, 2 lks. W. of cor. of secs. 7 and 8, hereinbefore described.

Thence

S. 0° 2' E. on a true line bet. secs. 7 and 8.
Over rolling land.

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

$\frac{1}{4}$
 S 7 | S 8
 1916

69.06 dig pits, 18 X 18 X 12 ins., N. and S. of cor. 3 ft. dist.
The cor. of secs. 7, 8, 17 and 18.
Land, rolling.
Soil, sandy loam, stony, 3rd rate.
No timber.
Undergrowth, sagebrush.
Fair grass.

GENERAL DESCRIPTION

This township is rolling, except for the mesa in secs. 27, 28, 29, 31, 32, 33 and 34. The top of the slopes of the mesa are covered with a dense growth of cedar and pinion timber. The rest of the township is devoid of timber, except along the west boundary, and in sec. 35. Sagebrush occurs throughout the Tp. There is a fair growth of grass over the township except on the mesa. The soil is generally a sandy loam, with gravelly surface, from 18 to 30 ins. deep on caliche or limestone subsoil. On the mesa the soil is very thin and covered with loose volcanic rock. There are no settlers in the township and no natural water. There is a stock watering tank in sec. 30.

--oOo--

Boundaries of that portion of T. 27 N., R. 4 W.,
 Subdivided under Group 53, Arizona.
 Latitudes, departures and closing errors.

| Line designated. | True bearing. | Dist. | Latitudes. | | Departures. | |
|---------------------------|---------------|--------|------------|--------|-------------|--------|
| | | | N. | S. | E. | W. |
| | | chs. | chs. | chs. | chs. | chs. |
| South Boundary. | West. | 479.20 | | | | 479.20 |
| Portion of West Boundary. | North. | 389.14 | 389.14 | | | |
| Subdivisional Boundary | N. 89° 59' E. | 37.00 | .01 | | 37.00 | |
| | N. 89° 57' E. | 40.10 | .04 | | 40.10 | |
| | N. 89° 56' E. | 40.12 | .05 | | 40.12 | |
| | N. 89° 57' E. | 40.01 | .04 | | 40.01 | |
| | N. 89° 55' E. | 40.21 | .06 | | 40.21 | |
| | N. 89° 57' E. | 40.13 | .04 | | 40.13 | |
| | N. 89° 57' E. | 40.18 | .04 | | 40.18 | |
| | S. 89° 59' E. | 40.28 | | .01 | 40.28 | |
| | N. 89° 58' E. | 40.16 | .02 | | 40.16 | |
| | S. 89° 59' E. | 39.92 | | .01 | 39.92 | |
| | N. 89° 40' E. | 40.27 | .23 | | 40.27 | |
| N. 89° 44' E. | 40.19 | .19 | | 40.19 | | |
| Portion of East Boundary. | South. | 389.52 | | 389.52 | | |
| Convergency. | | | | | .42 | |
| Totals | | | 389.86 | 389.54 | 478.99 | 479.20 |
| | | | 389.54 | | | 478.99 |
| Error in latitude | | | .32 | | | |
| Error in departure | | | | | .21 | |

Book "C"
 Group 53 - - - - Arizona.
 Township 27 North, Range 4 West.

BOOK 3063

DATE DIAGRAM.

| PART 1 | | | PART 2 | | |
|-----------------------|----------|----------|----------|----------|----------|
| 6 | 5 | 4 | 3 | 2 | 1 |
| RESURVEYED | | | | | |
| 11-22-16 | 11-22-16 | 11-22-16 | 11-22-16 | 11-22-16 | 11-22-16 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 12-6-16 | 12-6-16 | 12-2-16 | 12-1-16 | 12-1-16 | 11-24-16 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 12-6-16 | 12-6-16 | 12-2-16 | 12-1-16 | 11-25-16 | 11-24-16 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 12-5-16 | 12-5-16 | 12-2-16 | 11-28-16 | 11-25-16 | 11-23-16 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 12-5-16 | 12-4-16 | 11-29-16 | 11-28-16 | 11-25-16 | 11-23-16 |
| 31 | 32 | 33 | 34 | 35 | 36 |
| 12-4-16 | 11-29-16 | 11-27-16 | 11-25-16 | 11-23-16 | 11-14-16 |
| 11-21-16 | 11-21-16 | 11-21-16 | 11-21-16 | 11-23-16 | 11-23-16 |

6-2764

Resurveys and surveys executed on dates shown on
 above diagram by John F. Hesse, U. S. Surveyor.
 For names and duties of assistants to John F. Hesse,
 U. S. Surveyor, see Book "A".

CERTIFICATE OF UNITED STATES SURVEYOR.

I, John F. Hesse, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Group 53, Arizona, bearing date of the 4th day of March, 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, ^{re-} surveyed all those parts or portions of the Subdivision Lines, and surveyed all those parts or portions of the Subdivision lines of TOWNSHIP 27 NORTH, RANGE 4 WEST, of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in and by diagram on reverse hereof the foregoing field notes as having been executed by me, and under my direction; and that all the corners of re- and survey 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 53, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of re- such survey and survey.

BOOK 3063

John F. Hesse
U. S. Surveyor.

APPROVAL:

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, October 25, 1918.

The foregoing field notes of the ^{re-} survey of the North boundary of secs 12, 11, 10, 9, 8 & 7, and Survey of Completion of the Subdivision lines of TOWNSHIP 27 NORTH, RANGE 4 WEST, of the Gila and Salt River Base and Meridian, in the State of Arizona,

executed by John F. Hesse, U. S. Surveyor, under ~~his~~ special instructions dated March 4, 1915, for Group 53, Ariz., ~~not~~ ^{re-surveyed &} having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

John P. 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.