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FIELD NOTES

OF THE SURVEY OF THE

West and North Boundaries and

Subdivision Lines and Retracement of a Portion of
the East Boundary of

TOWNSHIP 29 NORTH, RANGE 5 WEST,

and

Frac'l North Boundary and

Frac'l Subdivision Lines of

TOWNSHIP 29 NORTH, RANGE 6 WEST,

Of the Gila and Salt River Base and Meridian,

In the State of

EXECUTED BY

W. H. Thorn, U. S. Surveyor,

and

Heber P. Purington, U. S. Transitman,

~~in the capacity of H. 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.

Survey commenced February 12, 1917

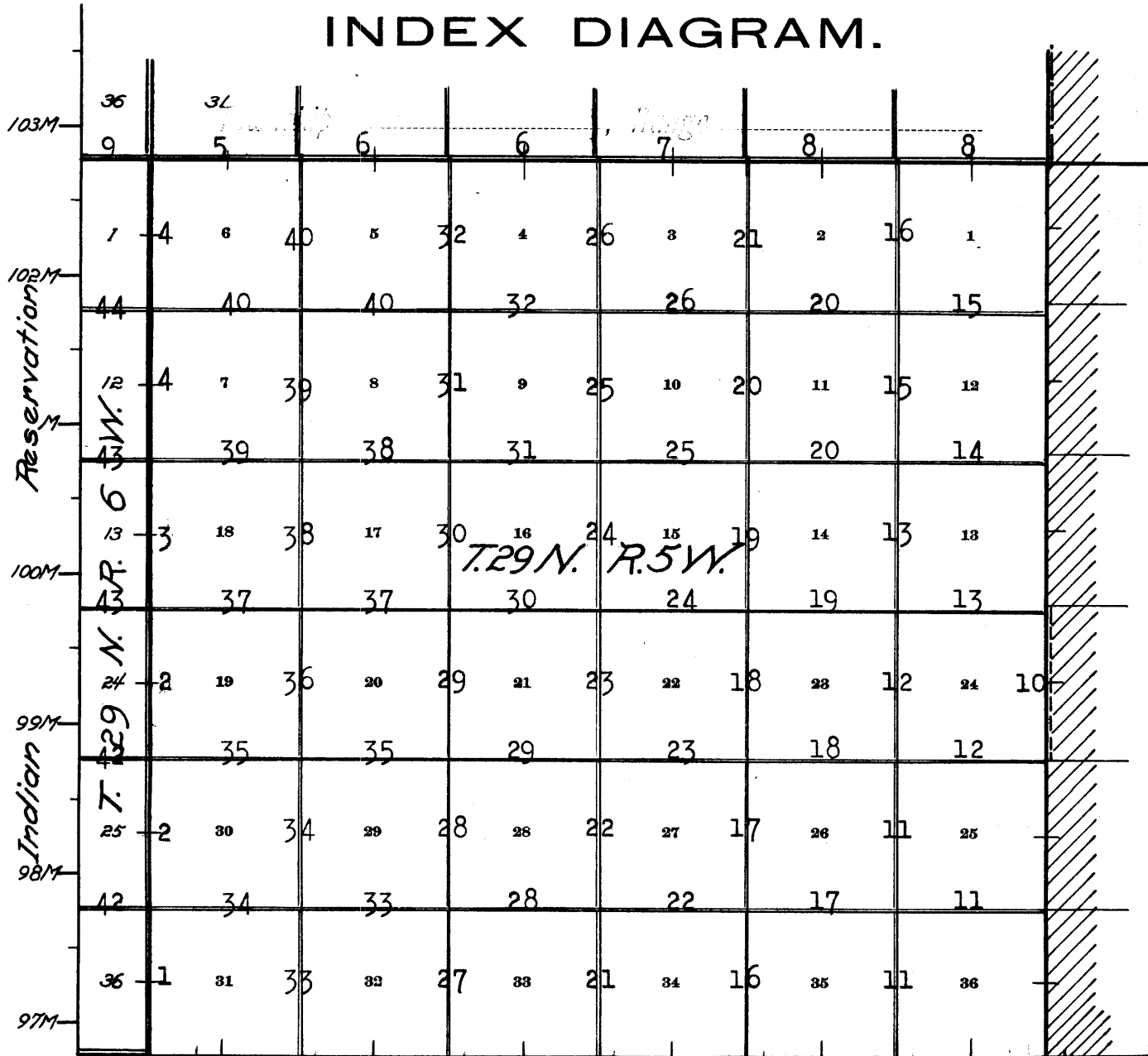
Survey completed March 5, 1917.

3067

3067

BOOK 3067

INDEX DIAGRAM.



Hualpai
95M

- Seventh Standard Parallel North*
- Lines surveyed under this Group. Notes in this book.
 - Lines retraced under this Group. Notes in this book.
 - Lines surveyed under this Group. Notes in book "F".
 - Lines resurveyed under this Group. Notes in book "F".
 - Lines retraced under this Group. Notes in book "F".
 - Lines surveyed under this Group. Notes in book "H".
 - Lines resurveyed under this Group. Notes in book "H".
 - Accepted surveys.

Area subdivided as per accepted plats on file.

Survey of West and North Bdrs. of T. 29 N., R. 5 W.
Fract. North Bdy. of T. 29 N., R. 6 W.
Subdivision of T. 29 N., R. 5 W.
Fract. Subdivision of T. 29 N., R. 6 W.

BOOK 3067

1B

Chains.

Surveys executed by W. H. Thorn U. S. Surveyor and Heber P. Purington, U. S. Transitman, on dates shown on page hereof, using Young and Sons light mountain transits Nos. 8592 and 8533, respectively, with Smith solar attachments. The instruments are provided with two double verniers, placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

I examine the adjustments of transit No. 8592 and correct errors in the levels and collimation; then, to test the solar apparatus, by comparing its indications, resulting from observations made during a.m. and p.m. hours, with a meridian determined by observations on Polaris, I proceed as follows:

February 25, 1917, at my camp in sec 17, T. 29 N., R. 5 W., in lat. 35° 54½' N., long. 112° 50' W., at 9 hrs. 8 m., a.m., l.m.t., I observe Polaris at eastern elongation, in accordance with instructions in the Manual of Surveying, and turn off the azimuth of Polaris, 1°24' to the west. I mark the meridian thus determined by a tack driven in a wooden peg, set firmly in the ground, 5 chs. N. of my station. I then test the solar attachment by a.m. and p.m. observations and find the meridians thus determined to be at all times within 1' of arc of the meridian determined by observations on Polaris.

Similar tests made with transit No. 8533 on the established Polaris meridian, prove its solar meridians to be within 1' of arc of the true meridian. We therefore conclude that the adjustments of the transits and solar attachments are satisfactory.

Clinometers and five-chain steel tapes were the instruments employed in determining all distances.

--000--

West Bdy. of T. 29 N., R. 5 W.

From the standard cor. of Ts. 29 N., Rs. 5 and 6 W., described in book "F",

North bet. secs. 31 and 36.

Over gently rolling land, through timber and undergrowth.

20.00 Over rolling E. slope.

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

1/4
S36 | S31
1917

from which

A cedar, 24 ins. diam., brs. S.53°35'E.,
246 lks. dist., marked ¼ S31 BT.

A dead cedar, 8 ins. diam., brs. N.89½°W.,
308 lks. dist., marked 1/4 S36 BT.

55.00 Draw, course S.80°E. Asc. gradual S. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, marked on brass cap

T29N
R6W | R5W
S25 | S30
S36 | S31
1917

from which

A pinion, 8 ins. diam., brs. N.21°E.,
456 lks. dist., marked T29N R5W S30 BT.

A cedar, 6 ins. diam., brs. S.27½°E.,
417 lks. dist., marked T29N R5W S31 BT.

2. West Bdy. of T. 29 N., R. 5 W.

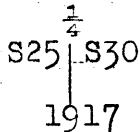
Chains.

A pinion, 16 ins. diam., brs. S.79°W.,
255 lks. dist., marked T29N R6W S36 BT.
A cedar, 4 ins. diam., brs. N.58°40'W.,
320 lks. dist., marked T29N R6W S25 BT.

Land, gently rolling.
Soil, sandy clay, gravelly and stony, limestone formation,
3rd rate.
Timber, cedar and pinion.
Undergrowth, sagebrush and algerita.
Grass.

11.80
30.00

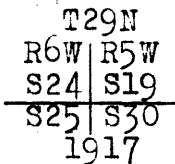
North bet. secs. 25 and 30.
Over gently rolling land, through timber and undergrowth.
Draw, course N.70°E.
At this point at 9 hrs. 50 m., a.m., l.m.t., Feb. 14, 1917,
I observe Polaris at eastern elongation in accordance
with instructions in the Manual of Surveying, and turn
off the azimuth of Polaris, 1°24' to the west. The
meridian thus established, falls within 1/2' of the merid-
ian determined by solar observations.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for 1/4 sec. cor., marked on brass cap



from which
A cedar, 12 ins. diam., brs. S.15 1/2°E.,
165 lks. dist., marked 1/4 S30 BT.
A cedar, 6 ins. diam., brs. S.4°W.,
162 lks. dist., marked 1/4 S25 BT.

49.50
68.00
80.00

Draw, course N.80°E.
Desc. NW. slope.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 19, 24, 25 and 30, marked on
brass cap



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

Land, gently rolling.
Soil, sandy clay, gravelly, 2nd rate.
Timber, scattering cedar and pinion.
Undergrowth, sagebrush and algerita.
Grass.

10.50

North bet. secs. 19 and 24.
Over level land, through scattering undergrowth.
Draw, course N.60°E.

Chains

35.00 Leave bottom of draw, asc. SE. slope.
36.00 Enter timber brs. N. 20° E. and S. 30° 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

S24 | S19
1917

from which,

A cedar, 8 ins. diam., brs. S. 12° E.
103 lks. dist. mkd. 1/4 S 19 B T.

A cedar, 6 ins. diam., brs. N. 25 1/2° W.
18 lks. dist. mkd. 1/4 S 24 B T.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, mkd. on brass cap

T29N
R 6W R 5W
S13 | S18
S24 | S19
1917

from which,

A cedar, 6 ins. diam., brs. N. 21° E.
69 lks. dist. mkd. T 29 N R 5 W S 18 B T.

A cedar, 30 ins. diam., brs. S. 60 3/4° E.
48 lks. dist. mkd. T 29 N R 5 W S 19 B T.

A cedar, 14 ins. diam., brs. S. 49° W.
133 lks. dist. mkd. T 29 N R 6 W S 24 B T.

A cedar, 20 ins. diam., brs. N. 86 1/2° W.
41 lks. dist. mkd. T 29 N R 6 W S 13 B T.

Land, level to 35 chs., remainder gently rolling.
Soil, sandy clay, 1st rate to 40 chs., remainder gravelly,
3rd rate.
Timber, scattering cedar and pinion.
Undergrowth, sagebrush and algerita.
Grass.

North bet. secs. 13 and 18.
Over gently rolling land, through timber and undergrowth.
Over NE. and E. slope.

10.00 Draw, course N. 50° E.
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

S13 | S18
1917

from which,

A cedar, 30 ins. diam., brs. N. 86 1/2° E.
447 lks. dist. mkd. 1/4 S 18 B T.

No other trees within limits.
Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.

40.60 Draw, course S. 70° E.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, mkd. on brass cap

T29N
R 6W R 5W
S12 | S 7
S13 | S18
1917

West hdy. of T. 29 N. R. 5 W.

Chains

from which,

A cedar, 18 ins. diam., brs. N. 13 1/2° E.
136 lks. dist. mkd. T 29 N R 5 W S 7 B T.

A cedar, 18 ins. diam., brs. S. 26 1/2° E.
89 lks. dist. mkd. T 29 N R 5 W S 18 B T.

A cedar, 10 ins. diam., brs. S. 75° W.
273 lks. dist. mkd. T 29 N R 6 W S 13 B T.

A cedar, 22 ins. diam., brs. N. 1 1/2° W.
259 lks. dist. mkd. T 29 N R 6 W S 12 B T.

Land, gently rolling.

Soil, sandy clay, gravelly, sandstone and quartzite, 2nd rate.

Timber, cedar and pinion.

Undergrowth, algerita and sagebrush.

Grass..

North bet. secs. 7 and 12.

Over gently rolling land, through timber and undergrowth.
Along gradual E. slope.

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 12 | S 7
1917

from which,

A cedar, 6 ins. diam., brs. S. 58 3/4° E.
188 lks. dist. mkd. 1/4 S 7 B T.

A cedar, 8 ins. diam., brs. N. 33 1/2° W.
424 lks. dist. mkd. 1/4 S 12 B T.

55.00 Cedar timber becomes scattering.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, mkd. on brass cap

T29N
R 6W R 5W
S 1 | S 6
S 12 | S 7
1917

from which,

A cedar, 10 ins. diam., brs. N. 37° W.
255 lks. dist. mkd. T 29 N R 6 W S 1 B T.

No other trees within limits.

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

Land, gently rolling.

Soil, sandy clay, gravelly, 2nd rate.

Timber, cedar.

Undergrowth, sagebrush and algerita.

Grass.

North bet. secs. 1 and 6.

Over gently rolling land, through very scattering timber and undergrowth.

Along gradual E. slope.

30.00 Desc. gradual NE. slope.

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 1 | S 6
1917

from which,

West Bdy. of T. 29 N., R. 5 W.

5

Chains

A cedar, 8 ins. diam., brs. N. 17° E.
 427 lks. dist. mkd. $\frac{1}{4}$ S 6 B T.
 No other trees within limits.
 Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.
 Enter bottom of draw.
 Sand Creek (dry), course S. 20° E.
 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of Ts. 29 and 30 N., Rs. 5 and 6 W., mkd. on brass cap

70.00
78.00
80.00

T30N
 R 6W R. 5W
 S36 | S31
 S 1 | S 6
 T29N
 1917

from which,
 A cedar, 4 ins. diam., brs. N. 34° 30' W.
 418 lks. dist. mkd. T 30 N R 6 W S 36 B T.
 No other trees within limits.
 Dig pits, 24 X 24 X 12 ins., on each line, N., E., and W., 4 ft. and S. of post, 8 ft. dist.
 Land, gently rolling.
 Soil, sandy clay, gravelly, 1st rate.
 Timber, very scattering cedar.
 Undergrowth, sagebrush and algerita.
 Grass.

North Bdy. of T. 29 N., R. 5 W.

From the cor. of Ts. 29 and 30 N., Rs. 5 and 6 W., hereinbefore described,
 N. 89° 52' E. on a random line, setting a temp. $\frac{1}{4}$ sec. cor. at 39.49 chs., and thereafter setting temp. sec. and $\frac{1}{4}$ sec. cors. at intervals of 40 chs. and at 479.26 chs., intersect E. bdy. of Tp., 19 lks. S. of cor. of Ts. 29 and 30 N., Rs. 4 and 5 W., which is a limestone, properly set, mkd. and witnessed as described by the Surveyor General.
 This falling answers to a correction of 3 lks. or 1' N. per mile counting from the NW. cor. of the Tp., therefore, the true bearing of N. bdy. of Tp. is N. 89° 51' E.
 From the cor. of Ts. 29 and 30 N., Rs. 5 and 6 W., N. 89° 51' E. bet. secs. 6 and 31.
 Over gently rolling land, through scattering timber and undergrowth, in draw.

6.00
39.26

Leave draw, asc. W. slope.
 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 31
 S 6
 1917

from which,
 A cedar, 10 ins. diam., brs. N. 43 $\frac{1}{2}$ ° E.
 171 lks. dist. mkd. $\frac{1}{4}$ S 31 B T.
 A cedar, 5 ins. diam., brs. S. 23 $\frac{1}{2}$ ° W.
 88 lks. dist. mkd. $\frac{1}{4}$ S 6 B T.
 Top of ascent brs. N. and S. Thence over nearly level land.
 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, mkd. on brass cap

50.00
79.26

6

North half of T. 29 N. R. 5 W.

Chains

T30N R 5W
 S31|S32
 S 6 | S 5
 T29N
 1917

from which,
 A cedar, 6 ins. diam., brs. N. 50 $\frac{1}{2}$ ° E.
 467 lks. dist. mkd. T 30 N R 5 W S 32 B T.
 A cedar, 6 ins. diam., brs. S. 34 $\frac{1}{2}$ ° E.
 552 lks. dist. mkd. T 29 N R 5 W S 5 B T.
 A cedar, 7 ins. diam., brs. S. 18 $\frac{1}{2}$ ° W.
 507 lks. dist. mkd. T 29 N R 5 W S 6 B T.
 A cedar, 4 ins. diam., brs. N. 4 $\frac{3}{4}$ ° W.
 323 lks. dist. mkd. T 30 N R 5 W S 31 B T.

Land, gently rolling.
 Soil, sandy clay, gravelly, sandstone, limestone and 2nd rate quartzite formation, 2nd rate.
 Timber, cedar.
 Undergrowth, algerita and sagebrush.
 Grass.

N. 89° 51' E. bet. secs. 5 and 32.

Over gently rolling land, through timber and undergrowth.
 Over general NE. slope.

5.00
 25.00
 40.00

Draw, course N. 20° E.
 Scattering timber brs. N. 20° E. and SW.
 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 32
 S 5
 1917

from which,
 A cedar, 4 ins. diam., brs. S. 69 $\frac{1}{2}$ ° E.
 228 lks. dist. mkd. $\frac{1}{4}$ S 5 B T.

No other trees within limits.

80.00 Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.
 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, mkd. on brass cap

T30N R 5W
 S32|S33
 S 5 | S 4
 T29N
 1917

from which,
 A cedar, 6 ins. diam., brs. N. 68° E.
 428 lks. dist. mkd. T 30 N R 5 W S 33 B T.
 A cedar, 8 ins. diam., brs. S. 38 $\frac{1}{2}$ ° W.
 230 lks. dist. mkd. T 29 N R 5 W S 5 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, gently rolling.
 Soil, sandy clay, gravelly, limestone formation, 2nd rate.
 Timber, scattering cedar.
 Undergrowth, sagebrush and algerita.
 Grass.

N. 89° 51' E. bet. secs. 4 and 33.

Over gently rolling land, through scattering timber and undergrowth.

30.00

Draw, course N. 35° E.

North half of T. 29 N. R. 5 W.

7

Chains
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 33
S 4
1917

from which,

A cedar, 6 ins. diam., brs. N. $62\frac{1}{2}^\circ$ E.
213 lks. dist. mkd. $\frac{1}{4}$ S 33 B T.

A cedar, 5 ins. diam., brs. S. 29° E.
134 lks. dist. mkd. $\frac{1}{4}$ S 4 B T.

50.20
80.00

Draw, course N. 30° E.

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

T30N R 5W
S33 | S34
S 4 | S 3
T29N
1917

from which,

A cedar, 6 ins. diam., brs. N. 54° E.
151 lks. dist. mkd. T 30 N R 5 W S 34 B T.

A cedar, 6 ins. diam., brs. S. $76\frac{1}{2}^\circ$ E.
352 lks. dist. mkd. T 29 N R 5 W S 3 B T.

A cedar, 4 ins. diam., brs. S. $38^\circ 50'$ W.
209 lks. dist. mkd. T 29 N R 5 W S 4 B T.

A cedar, 6 ins. diam., brs. N. 44° W.
111 lks. dist. mkd. T 30 N R 5 W S 33 B T.

Land, gently rolling.

Soil, sandy clay, gravelly, limestone formation, 2nd rate.

Timber, scattering cedar.

Undergrowth, algerita and sagebrush.

Grass.

N. $89^\circ 51'$ E. bet. secs. 3 and 34.

Over nearly level land, through scattering timber and undergrowth.

27.20
40.00

Draw, course N. 30° E.

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 34
S 3
1917

from which,

A cedar, 18 ins. diam., brs. S. $4\frac{1}{2}^\circ$ W.
206 lks. dist. mkd. $\frac{1}{4}$ S 3 B T.

A cedar, 12 ins. diam., brs. N. $15\frac{1}{2}^\circ$ W.
167 lks. dist. mkd. $\frac{1}{4}$ S 34 B T.

70.00
80.00

Desc. E. slope.

Set an iron post, 3 ft. long, 3 ins. diam., 26 ins. in the ground, in a mound of stone, for cor. of secs. 2, 3, 34 and 35, mkd. on brass cap

T30N R 5W
S34 | S35
S 3 | S 2
T29N
1917

from which,

A cedar, 5 ins. diam., brs. N. 65° E.

133 lks. dist. mkd. T 30 N R 5 W S 35 B T.

Chains

- A cedar, 3 ins. diam., brs. S. 9° E.
90 lks. dist. mkd. T 29 N R 5 W S 2 B T.
- A cedar, 5 ins. diam., brs. S. 20° W.
141 lks. dist. mkd. T 29 N R 5 W S 3 B T.
- A cedar, 4 ins. diam., brs. N. 25½° W.
63 lks. dist. mkd. T 30 N R 5 W S 34 B T.

Land, gently rolling.
Soil, sandy clay, gravelly 2nd rate to 70 chs. remainder sandstone formation, stony, 3rd rate.
Timber, scattering cedar.
Undergrowth, algerita and sagebrush.
Grass.

N. 89° 51' E. bet. secs. 2 and 35.
Over gently rolling land, through very scattering timber and undergrowth.

- 25.00 Desc. gradual E. slope.
- 40.00 Enter bottom, course S. 10° E.
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 35
S 2
1917

and raise a mound of stone, 3 ft. base, 1½ ft. high, N. of cor.

- 43.60 Draw, course SE.
- 50.00 Leave bottom. Asc. SW. slope.
- 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 18 ins. in the ground, in a mound of stone, for cor. of secs. 1, 2, 35 and 36, mkd. on brass cap

T30N R 5W
S35|S36
S 2|S 1
T29N
1917

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

Land, gently rolling.
Soil, sandy clay, 1st rate to 50 chs. remainder, stony, sandstone, formation, 2nd rate.
Timber very scattering cedar.
Undergrowth, sagebrush and algerita.
Grass.

N. 89° 51' E. bet. secs. 1 and 36.
Over gently rolling land, through very scattering timber and undergrowth.

- 9.40 Draw, course N. 50° E.
- 30.70 Draw, course S. 10° E.
- 49.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, for ¼ sec. cor., mkd. on brass cap

¼ S 36
S 1
1917

from which,
A cedar, 4 ins. diam., brs. N. 83½° W.
119 lks. dist. mkd. ¼ S 36 B T.

No other trees within limits.

North Bdy. of T. 29 N., R. 5 W.

9.

Chains.

47.50
80.00

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
Road, brs. N.30°E. to Supai Indian Village and S.20°W.
The cor. of Ts. 29 and 30 N., Rs. 4 and 5 W.
Land, gently rolling.
Soil, sandy clay, stony, 2nd rate, limestone formation.
Timber, very scattering cedar.
Undergrowth, sagebrush and algerita.
Grass.

North Bdy. of T. 29 N., R. 6 W.

1.40
35.43

From the cor. of Ts. 29 and 30 N., Rs. 5 and 6 W., herein-
before described,
West bet. secs. 35 and 36.
Over gently rolling land, through very scattering timber
and undergrowth, along gradual E. slope.
Sand Creek (dry), course S.10°E.
Intersect E. bdy. of Hualpai Indian Reservation, 18.52 chs.
S. of the 103 mile cor., which is a stone, properly set,
marked and witnessed as described by the Surveyor-
General. At this cor. I take the following additional
accessories:

- A cedar, 16 ins. diam., brs. S.88°W.,
127 lks. dist., marked HIR 103M BT.
- A cedar, 12 ins. diam., brs. N.22½°W.,
180 lks. dist., marked HIR 103M BT.

At the point of intersection,
Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the
ground, for closing cor. of Ts. 29 and 30 N., R. 6 W.,
marked on brass cap

T30N
R6W
S36
S 1 CC
T29N
1917

from which
A dead cedar, 6 ins. diam., brs. N.27½°E.,
222 lks. dist., marked T30N R6W S36 CC BT.
No other trees within limits.
Dig pits, 30 X 24 X 12 ins., crosswise on each line, N.
and S., 4 ft., and E. of post, 8 ft. dist.
Land, gently rolling.
Soil, sandy clay, 1st rate.
Timber, scattering cedar.
Undergrowth, sagebrush and algerita.
Grass.

10. Retracement of a Portion of the East Boundary of T. 29 N., R. 5 W.

Chains.

From the cor. of secs. 19, 24, 25 and 30, on the E. bdy. of T. 29 N., R. 5 W., which is a limestone, 6 X 14 X 4 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General,
 North on retracement, bet. secs. 19 and 24.
 Over gently rolling land, through scattering undergrowth.
 14.60 Draw, course N. 80° E.
 40.10 Fall 1 lk. W. of the $\frac{1}{4}$ sec. cor. of secs. 19 and 24, which is a limestone, 4 X 6 X 4 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General.
 The true course and distance of this half mile are therefore N. 0° 17' E., 40.10 chs.

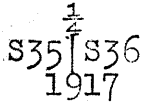
From the $\frac{1}{4}$ sec. cor.,
 North on retracement, bet. secs. 19 and 24.
 2.00 Draw, course E. Asc. gradually.
 40.12 Fall 2 lks. E. of the cor. of secs. 13, 18, 19 and 24, which is a limestone, 6 X 6 X 4 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General.
 The true course and distance of this half mile are therefore N. 0° 2' W., 40.12 chs.

Land, gently rolling.
 Soil, sandy clay, gravelly, 1st rate.
 No timber.
 Undergrowth, sagebrush.

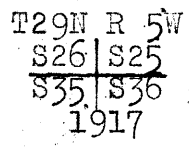
Subdivision of T. 29 N. R. 5 W.

Chains

From the standard cor. of secs. 35 and 36, S. bdy. of Tp. described in book "F",
 N. 0° 1' W. bet. secs. 35 and 36.
 Over nearly level land, through scattering timber and undergrowth.
 Over gradual E. and NE. slope.
 30.00 Draw, course E. 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., mkd. on brass cap



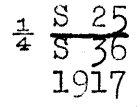
dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.
 55.00 Top of ascent. Desc. W. and NE. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, in a mound of stone, for cor. of secs. 25, 26, 35 and 36, mkd. on brass cap



dig pits, 18 X 18 X 12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.
 Land, nearly level.
 Soil, sandy clay, limestone formation, 2nd rate.
 Timber, scattering cedar in NE. $\frac{1}{4}$ of sec. 35.
 Undergrowth, sagebrush.
 Grass.

40.00 East on a random line bet. secs. 25 and 36.
 79.94 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect E. bdy. of Tp., 29 lks. S. of cor. of secs. 25, 30, 31 and 36, which is a limestone, properly set, not mkd. but witnessed as described by the Surveyor General.

Thence
 S. 89° 48' W. on a true line bet. secs. 25 and 26.
 Over gently rolling land, through scattering undergrowth.
 24.20 Draw, course S. 20° W.
 37.40 Draw, course S. 60° E.
 39.97 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



dig pits, 18 X 18 X 12 ins., E. and W. of post, 3ft. dist.
 48.60 Road brs. N. 20° E. and S. 10° W.
 79.94 Thence over gradual NE. slope.
 The cor. of secs. 25, 26, 35 and 36.
 Land, gently rolling.
 Soil, sandy clay, 2nd rate, limestone formation.
 No timber.
 Undergrowth, sagebrush.
 Grass.

N. 0° 1' W. bet. secs. 25 and 26.
 Over nearly level land, through sagebrush.
 Along gradual SE. slope.
 6.20 Draw, 5 chs. wide, course E.

Chains

32.10

Draw, near head, 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.; mkd. on brass cap

$\frac{1}{4}$
S26 | S25
1917

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. 23, 24, 25 and 26, mkd. on brass cap

T29N R 5W
S23 | S24
S26 | S25
1917

dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist.
Land, nearly level.
Soil, sandy clay, limestone, formation, 2nd rate.
No timber.
Undergrowth, sagebrush.
Grass.

40.00

East on a random line bet. secs. 24 and 25.

79.94

Set temp. $\frac{1}{4}$ sec. cor.
Intersect E. bdy. of Tp., 46 lks. S. of cor. of secs. 19, 24, 25 and 30, which is a limestone, hereinbefore described.

Thence
S. $89^{\circ} 40'$ W. on a true line bet. secs. 24 and 25.
Over nearly level land, through sagebrush.

22:60

Road hrs. N. 30° E. and S. 30° W.

36:30

Draw, course N. 70° E.

39:97

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
1917

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

79.94

The cor. of secs. 23, 24, 25 and 26.
Land, nearly level.
Soil, sandy clay, limestone formation, 2nd rate.
No timber.
Undergrowth, sagebrush.
Grass.

40.00

N. $0^{\circ} 1'$ W. bet. secs. 23 and 24.
Over nearly level land, through sagebrush.
Asc. gradual SE. slope.
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
1917

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

60.00

Change to W. slope.

Subdivision of T. 29 N., R. 5 W.

13.

Chains.
80.00

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the the ground, in a mound of stone, for cor. of secs. 13, 14, 23 and 24, marked on brass cap

T29N R5W
S14 | S13

S23 | S24
1917

dig pits, 18 X 18 X 12 ins., in each sec., 5 1/2 ft. dist.
Land, nearly level.
Soil, sandy clay, limestone formation, 2nd rate.
No timber.
Undergrowth, sagebrush.
Grass.

40.00
79.86

East on a random line, bet. secs. 13 and 24.
Set temp. 1/4 sec. cor.
Intersect E. bdy. of Tp., 66 lks. S. of cor. of secs. 13, 18, 19 and 24, which is a stone, properly set, herein- before described. ~~As described in the Survey of 1881.~~
This cor. will hereafter refer to secs. 18 and 19 only.
At the point of intersection,
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 13 and 24, marked on brass cap

T29N
R5W
S13
CC -----
S24
1917

dig pits, 24 X 18 X 12 ins., crosswise on each line, N. and S. 3 ft., and W. of post, 7 ft. dist.

Thence
West on a true line, bet. secs. 19 and 24.
Over nearly level land, through scattering undergrowth.
Road, brs. N.20°E. and S.30°W.

4.65
5.85
39.93

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

S13
1/4 -----
S24
1917

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

79.86

The cor. of secs. 13, 14, 23 and 24.
Land, nearly level.
Soil, sandy clay, 12 to 18 ins. deep, 2nd rate.
No timber.
Undergrowth, sagebrush.
Grass.

33.10
35.00
40.00

N.0°1'W., bet. secs. 13 and 14.
Over nearly level land, through scattering undergrowth.
Over W. and NW. slopes.
Draw, course NW.
Enter scattering cedar timber, brs. S.60°W. and E.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

S14 | S13

1917

14. Subdivision of T. 29 N., R. 5 W.

Chains.

from which

A cedar, 8 ins. diam., brs. N.51 $\frac{3}{4}$ °E.,
470 lks. dist., marked $\frac{1}{4}$ S13 BT.

A cedar, 5 ins. diam., brs. S.26 $\frac{1}{2}$ °W.,
421 lks. dist., marked $\frac{1}{4}$ S14 BT.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 11, 12, 13 and 14, marked
on brass cap

T29N R5W
S11 | S12

S14 | S13
1917

from which

A cedar, 8 ins. diam., brs. N.89 $\frac{1}{4}$ °E.,
342 lks. dist., marked T29N R5W S12 BT.

A cedar, 6 ins. diam., brs. S.73 $\frac{1}{2}$ °E.,
362 lks. dist., marked T29N R5W S13 BT.

A cedar, 6 ins. diam., brs. S.81°W.,
582 lks. dist., marked T29N R5W S14 BT.

A cedar, 12 ins. diam., brs. N.73°W.,
581 lks. dist., marked T29N R5W S11 BT.

Land, nearly level.

Soil, sandy clay, limestone formation, 2nd rate.

Timber, scattering cedar from 35 to 80 chs.

Undergrowth, sagebrush.

Grass.

40.00

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

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

79.82

Intersect E. bdy. of Tpt., 93 lks. S. of cor. of secs. 7,
12, 13 and 18, which is a stone, properly set, marked
and witnessed as described by the Surveyor-General. I
alter this cor. to refer to secs. 7 and 18 only by
moving the mound of stone to the east of the cor.

At the point of intersection,

Set an ir on post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for closing cor. of secs. 12 and 13, marked on
brass cap

T29N
R5W
S12
CC -----
S13
1917

dig pits, 24 X 18 X 12 ins., crosswise on each line,
N. and S., 3 ft., and W. of post, 7 ft. dist.

Thence

West on a true line, bet. secs. 12 and 13.

Over gently rolling land, through scattering timber and
undergrowth.

3.60

Draw, course N.50°E.

28.40

Draw, course N.50°E.

39.91

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., marked on
brass cap

S12
 $\frac{1}{4}$ S13

1917

from which

A cedar, 14 ins. diam., brs. N.69°W.,
268 lks. dist., marked $\frac{1}{4}$ S12 BT.

A cedar, 8 ins. diam., brs. S.31°E.,
164 lks. dist., marked $\frac{1}{4}$ S13 BT.

50.00

Desc. gradual W. slope.

78.00

Draw, course N.

Subdivision of T. 29 N., R. 5 W.

Chains.
79.82

The cor. of secs. 11, 12, 13 and 14.
Land, gently rolling.
Soil, sandy clay, stony, limestone formation, 3rd rate.
Timber, scattering cedar.
Undergrowth, sagebrush.
Grass.

28.69
37.90
40.00

N.0°1'W., bet. secs. 11 and 12.
Over gently rolling land, through scattering cedar and undergrowth.
Draw, course NW.
Draw, course NE.
Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
S11 | S12
1917

from which

A cedar, 14 ins. diam., brs. N.70°E.,
240 lks. dist., marked $\frac{1}{4}$ S12 BT.

No other trees within limits. Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

44.80
80.00

Road, brs. N.40°E. and S.30°W.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, marked on brass cap

T29N R5W
S 2 | S 1

S11 | S12
1917

raise a mound of stone, 3 ft. base; 1 $\frac{1}{2}$ ft. high, W. of cor.

Land, gently rolling.
Soil, sandy clay, stony limestone formation, 2nd rate.
Timber, scattering cedar.
Undergrowth, sagebrush.
Grass.

40.00
79.80

East on a random line, bet. secs. 1 and 12.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect E. bdy. of Tp., 102 lks. S. of the cor. of secs. 1, 6, 7 and 12, which is a stone, properly set, marked and witnessed as described by the Surveyor-General.
This cor. will hereafter refer to secs. 6 and 7 only.
At the point of intersection,
Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, in a mound of stone, for closing cor. of secs. 1 and 12, marked on brass cap

T29N |
R5W |
S 1 |
CC --- S12 |
1917 |

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

Thence
West on a true line, bet. secs. 1 and 12.
Over gently rolling land, through scattering sagebrush.

16.

Subdivision of T. 29 N., R. 5 W.

Chains. 39.90	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\begin{array}{c} \frac{1}{4} S 1 \\ \frac{1}{4} S 12 \\ 1917 \end{array}$ and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
44.40	Draw, course S.60°E.
61.00	Road, brs. N. and S. Asc. gradual NE. slope.
79.80	The cor. of secs. 1, 2, 11 and 12. Land, gently rolling. Soil, sandy clay, 1st rate and stony limestone, 3rd rate. No timber. Undergrowth, sagebrush. Grass.
40.00	N.0°1'W., on a random line, bet. secs. 1 and 2. Set temp. $\frac{1}{4}$ sec. cor.
81.02	Intersect N. bdy. of Tp., 16 ins. E. of cor. of secs. 1, 2, 35 and 36, hereinbefore described. Thence S.0°8'E., on a true line, bet. secs. 1 and 2. Over nearly level land, through scattering undergrowth. Desc. gradual SW. slope.
36.00	Enter bottom, brs. NW. and SE.
41.02	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\begin{array}{c} \frac{1}{4} S 2 13 1 \\ 1917 \end{array}$ and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
43.00	Draw, course S.45°E.
56.00	Draw, course N.60°E.
61.00	Leave bottom, brs. NW. and SE. Thence over gradual NE. slope.
81.02	The cor. of secs. 1, 2, 11 and 12. Land, nearly level. Soil, sandy clay, 1st rate and stony limestone formation, 3rd rate. No timber. Undergrowth, sagebrush. Grass.
2.60	From the standard cor. of secs. 34 and 35, S. bdy. of Tp., described in book "F", N.0°1'W., bet. secs. 34 and 35. Over gently rolling land, through scattering undergrowth.
40.00	Draw, course E. Asc. gradual SE. slope. Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap $\begin{array}{c} \frac{1}{4} S 34 1 S 35 \\ 1917 \end{array}$ dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.
55.00	Change to NW. slope.

Subdivision of T. 29 N. R. 5 W.

Chains
74.00
80.00

Head of draw, course N. 40° W.
Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, in a mound of stone, for cor. of secs. 26, 27, 34 and 35, mkd. on brass cap

T29N R 5W
S27|S26
S34|S35
1917

dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.

Land, gently rolling.
Soil, sandy clay, gravelly, limestone formation, 2nd rate.
Timber, very scattering cedar in sec. 34.
Undergrowth, sagebrush.
Grass.

40.00
80.00

East on a random line bet. secs. 26 and 35.
Set temp. ¼ sec. cor.
Intersect N. and S. line, at the cor. of secs. 25, 26, 35 and 36.

Thence
West on a true line bet. secs. 26 and 35.
Over gently rolling land, through scattering timber and undergrowth.

40.00

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 26
¼ S 35
1917

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

55.00
80.00

Desc. gradual NW. slope.
The cor. of secs. 26, 27, 34 and 35.
Land, gently rolling.
Soil, sandy clay, gravelly limestone formation, 2nd rate.
Timber, scattering cedar.
Undergrowth, sagebrush.
Grass.

40.00

N. 0° 1' W. bet. secs. 26 and 27.
Over nearly level land, through undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, in a mound of stone, for ¼ sec. cor., mkd. on brass cap

¼
S27|S26
1917

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., 12 ins. in the ground, in a mound of stone, for cor. of secs. 22, 23, 26 and 27, mkd. on brass cap

T29N R 5W
S22|S23
S27|S26
1917

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

Subdivision of T. 29 N. R. 5 W.

Chains

Land, nearly level.
Soil, sandy clay, stony, limestone, formation, 2nd rate.
No timber.
Undergrowth, sagebrush.
Grass.

40.00 East on a random line bet. secs. 23 and 26.
79.96 Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, 5 lks. N. of cor. of secs.
23, 24, 25 and 26.

39.98 Thence
N. $89^{\circ} 58'$ W. on a true line bet. secs. 23 and 26.
Over nearly level land, through scattering 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

$\frac{1}{4}$ S 23
S 26
1917

79.96 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3. ft.
dist.
The cor. of secs. 22, 23, 26 and 27.
Land, nearly level.
Soil, sandy clay, 1st rate.
No timber.
Undergrowth, sagebrush.
Grass.

12.40 N. $0^{\circ} 1'$ W. bet. secs. 22 and 23.
35.00 Over nearly level land, through scattering undergrowth.
40.00 Draw, course N. 40° E.
Enter scattering cedar, brs. N^E. and SW.
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

$\frac{1}{4}$
S22 | S23
1917

60.00 from which,
76.30 A cedar, 6 ins. diam., brs. N. $77\frac{1}{2}^{\circ}$ E.
80.00 574 lks. dist. mkd. $\frac{1}{4}$ S 23 B T.
A cedar, 5 ins. diam., brs. N. $5\frac{1}{2}^{\circ}$ W.
389 lks. dist. mkd. $\frac{1}{4}$ S 22 B T.
Draw, course S. 70° E.
Road brs. N. 30° E. and S. 30° W.
Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the
ground, in a mound of stone, for cor. of secs. 14, 15,
22 and 23, mkd. on brass cap

T29N R 5W
S15 | S14
S22 | S23
1917

from which,
A cedar, 4 ins. diam., brs. N. 55° E.
110 lks. dist. mkd. T 29 N R 5 W S 14 B T.
A cedar, 5 ins. diam., brs. S. $24\frac{1}{2}^{\circ}$ W.
37 lks. dist. mkd. T 29 N R 5 W S 22 B T.
A cedar, 6 ins. diam., brs. N. 22° W.
164 lks. dist. mkd. T 29 N R 5 W S 15 B T.
No other trees within limits.
Dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist.

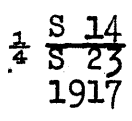
Subdivision of T. 29 N., R. 5 W.

419

Chains

Land, nearly level.
Soil, sandy clay, limestone, formation, 2nd rate.
Timber, scattering cedar.
Undergrowth, sagebrush.
Grass.

40.00 East on a random line bet. secs. 14 and 23.
Set temp. $\frac{1}{4}$ sec. cor.
80.10 Intersect N. and S. line, 2 lks. N. of cor. of secs. 13, 14, 23 and 24.
Thence
N. $89^{\circ} 59'$ W. on a true line bet. secs. 14 and 23.
Over gently rolling land, through scattering timber and undergrowth
15.10 Draw, course N. 40° E.
40.05 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.
77.50 Road brs. N. 30° E. and S. 30° W.
80.10 The cor. of secs. 14, 15, 22 and 23.
Land, gently rolling.
Soil, sandy clay, 2nd rate, stony, 3rd rate.
Timber, scattering cedar.
Undergrowth, sagebrush.
Grass.

N. $0^{\circ} 1'$ W. bet. secs. 14 and 15.
Over nearly level land, through scattering timber and undergrowth.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd. on brass cap



dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.
75.00 Draw, course N. 30° E.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, in a mound of stone, for cor. of secs. 10, 11, 14 and 15, mkd. on brass cap



dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist.
Land, nearly level.
Soil, sandy clay, stony, limestone formation, 2nd rate.
Timber, scattering cedar.
Undergrowth, sagebrush and algerita.
Grass.

20

Subdivision of T. 29 N., R. 5 W.

Chains

East on a random line bet. secs. 11 and 14.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.18 Intersect N. and S. line, 11 lks. S. of cor. of secs.
 11, 12, 13 and 14.
 Thence
 S. $89^{\circ} 55'$ W. on a true line bet. secs. 11 and 14.
 Over nearly level land, through scattering undergrowth.
 Asc. gradual SE. slope.
 25.20 Top of ascent, brs. N. and S. Desc. gradual NW. slope.
 30.20 Draw, course N.
 34.20 Supai Village road brs. N. and S.
 40.09 Foot of slope. Draw, course N.
 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

$$\begin{array}{c} \frac{1}{4} \text{ S } 11 \\ \frac{1}{4} \text{ S } 14 \\ 1917 \end{array}$$

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
 dist.
 65.20 Desc. gradual NW. slope.
 73.35 Draw, 3 chs. wide, course N. Thence over nearly level
 land.
 80.18 The cor. of secs. 10, 11, 14 and 15.
 Land, nearly level.
 Soil, sandy clay, 2nd rate.
 No timber.
 Undergrowth, scattering algerita.

N. $0^{\circ} 1'$ W. bet. secs. 10 and 11.
 Over gently rolling land, through scattering undergrowth.
 Desc. gradual slope.
 20.00 Draw, course E., about 10 chs. wide.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the
 ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd.
 on brass cap

$$\begin{array}{c} \frac{1}{4} \\ \text{S10} | \text{S11} \\ 1917 \end{array}$$

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
 dist.
 Asc. gradual slope.
 60.00 Top of ascent brs. E. and W. Desc. gradual N. slope.
 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, mkd.
 on brass cap

$$\begin{array}{c} \text{T29N R 5W} \\ \text{S } 3 | \text{S } 2 \\ \text{S10} | \text{S11} \\ 1917 \end{array}$$

dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist.
 Land, gently rolling.
 Soil, sandy clay, 2nd rate.
 Timber, none.
 Undergrowth, sagebrush and algerita.
 Grass.

East on a random line bet. secs. 2 and 11.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.14 Intersect N. and S. line, 21 lks. S. of cor. of secs.

Subdivision of T. 29 N., R. 5 W.

Chains

1, 2, 11 and 12.

Thence

S. 89° 51' W. on a true line bet. secs. 2 and 11.
Over rolling land, through undergrowth.

21.90 Draw, course N. 30° E.

Asc. gradual slope.

40.07 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
ground, in a mound of stone, for ¼ sec. cor., mkd.
on brass cap

1/4 S 2
1/4 S 11
1917

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

Asc. gradual SE. slope.

52.10 Top of slope. Desc. gradual short SW. slope to

60.10 Short draw, course SE. Thence asc. gradual slope to

80.14 The cor. of secs. 2, 3, 10 and 11.

Land, rolling.

Soil, sandy clay, 2nd rate. and gravelly, 3rd rate.

No timber.

Undergrowth, sagebrush and algerita.

N. 0° 1' W. on a random line bet. secs. 2 and 3.

40.00 Set temp. ¼ sec. cor.

80.81 Intersect N. bdy. of Tp., at the cor. of secs. 2, 3,
34 and 35, hereinbefore described.

Thence

S. 0° 1' E. on a true line bet. secs. 2 and 3!

Over gently rolling land, through scattering timber and
undergrowth.

10.80 Draw, course E.

26.90 Desc. gradual SE. slope.

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

S 3 1/4 S 2
1917

from which,

A cedar, 6 ins. diam., brs. S. 9¼° E.

270 lks. dist. mkd. ¼ S 2 B T.

No other trees within limits.

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

Desc. gradual S. slope.

65.80 Draw, 5 chs. wide, course E. Asc. N. slope.

80.81 The cor. of secs. 2, 3, 10 and 11.

Land, gently rolling.

Soil, sandy clay, 2nd rate.

Timber, scattering cedar.

Undergrowth, sagebrush and algerita.

Grass.

From the standard cor. of secs. 33 and 34, S. bdy. of
Tp., described in book "F",

N. 0° 2' W. bet. secs. 33 and 34.

Over gently rolling land, through undergrowth.

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

22. Subdivision of T. 29 N., R. 5 W.

Chains

$\frac{1}{4}$
 S33 | S34
 1917

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. 27, 28, 33 and 34, mkd. on brass cap

T29N R 5W
 S28 | S27
 S33 | S34
 1917

dig pits, 18 X 18 X 12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.
 Land, gently rolling.
 Soil, sandy clay, limestone formation, 2nd rate.
 No timber.
 Undergrowth, sagebrush.
 Grass.

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, at the cor. of secs. 26, 27, 34 and 35.

Thence
 West on a true line bet. secs. 27 and 34.
 Over gently rolling land, through undergrowth.

4.00 Draw, course NW.
 39.97 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 27
 S 34
 1917

43.55 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.
 79.94 Road brs. N. and S.
 The cor. of secs. 27, 28, 33 and 34.
 Land, nearly level.
 Soil, sandy clay, limestone formation, 2nd rate.
 No timber.
 Undergrowth, sagebrush.
 Grass.

15.00 N. 0° 2' W. bet. secs. 27 and 28.
 40.00 Over nearly level land, through scattering timber and undergrowth.
 Asc. gradual S. slope.
 Set an iron post, 3 ft. long, 1 in. diam., 18 ins in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
 S28 | S27
 1917

55.00 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.
 80.00 Desc. gradual N. slope over open land.
 Bottom of wide draw, course E.
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, mkd. on brass cap

Chains

T29N R 5W
S21|S22
S28|S27
1917

from which,
A cedar, 6 ins. diam., brs. N. 78° 10' E.
440 lks. dist. mkd. T 29 N R 5 W S 22 B T.
A cedar, 8 ins. diam., brs. S. 76½° E.
560 lks. dist. mkd. T 29 N R 5 W S 27 B T.
A cedar, 4 ins. diam., brs. S. 89½° W.
650 lks. dist. mkd. T 29 N R 5 W S 28 B T.
A cedar, 8 ins. diam., brs. N. 45½° W.
222 lks. dist. mkd. T 29 N R 5 W S 21 B T.

Land, gently rolling.
Soil, sandy loam, 1st rate.
Timber, scattering cedar.
Undergrowth, sagebrush and algerita.
Grass.

40.00 East on a random line bet. secs. 22 and 27.
80.02 Set temp. ¼ sec. cor.
Intersect N. and S. line, 2 lks. S. of cor. of secs.
22, 23, 26 and 27.
Thence
S. 89° 59' W. on a true line bet. secs. 22 and 27.
14.80 Over nearly level land, through undergrowth.
25.30 Draw, course NE.
40.01 Road brs. N. 20° E. and S. 20° W.
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 22
¼ S 27
1917

80.02 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
dist.
The cor. of secs. 21, 22, 27 and 28.
Land, nearly level.
Soil, sandy clay, gravelly, limestone formation, 2nd rate.
No timber.
Undergrowth, sagebrush.
Grass.

7.00 N. 0° 2' W. bet. secs. 21 and 22.
25.00 Over rolling land, through scattering timber and under-
40.00 growth.
Asc. gradual slope.
Top of slope. Desc. N. slope.
Draw, 15 chs. wide, course E.
Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the
ground, in a mound of stone, for ¼ sec. cor., marked
on brass cap

¼ S 21
¼ S 22
1917

45.00 from which,
A cedar, 6 ins. diam., brs. N. 38° 20' E.
120 lks. dist. mkd. ¼ S 22 B T.
A cedar, 8 ins. diam., brs. N. 15° W.
290 lks. dist. mkd. ¼ S 21 B T.
Asc. gradual S. slope of draw, course SE.
Top of slope, brs. E. and W. Thence over rolling land.

24 Subdivision of T. 29 N., R. 5 W.

Chains

61.60 Draw, course E.
 64.00 Asc. gradual S. 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, mkd. on brass cap

T29N R 5W
 S16|S15
 S21|S22
 1917

dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.

Land, gently rolling.
 Soil, gravelly, 3rd rate.
 Timber, scattering cedar.
 Undergrowth, sagebrush and algerita.
 Grass.

40.00 East on a random line bet. secs. 15 and 22.
 Set temp. ¼ sec. cor.
 80.10 Intersect N. and S. line, 12 lks. S. of cor. of secs. 14, 15, 22 and 23.

Thence

S. 89° 55' W. on a true line bet. secs. 15 and 22.
 Over gently rolling land, through scattering timber and undergrowth.

40.05 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 15
 ¼ S 22
 1917

from which,

A cedar, 5 ins. diam., brs. N. 84¼° E.
 259 lks. dist. mkd. ¼ S 15 B T.
 A cedar, 6 ins. diam., brs. S. 86¼° E.
 272 lks. dist. mkd. ¼ S 22 B T.

80.10 The cor. of secs. 15, 16, 21 and 22.
 Land, gently rolling.
 Soil, sandy clay, 2nd rate.
 Timber, scattering cedar.
 Undergrowth, sagebrush.
 Grass.

N. 0° 2' W. bet. secs. 15 and 16.
 Over gently rolling land, through scattering timber and undergrowth.

19.00 Draw, course SE.
 28.00 Draw, 2 chs. wide, course SE. Asc. gradual S. slope.
 35.00 Top of slope brs. N. 80° E. and S. 80° W.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., mkd. on brass cap

¼
 S16|S15
 1917

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

45.00 Crest of very low ridge brs. NE. and SW. Desc. gradual NW. 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, mkd. on brass cap

Subdivision of T. 29 N. R. 5 W.

Chains.

T29N	R5W
S 9	S10
<hr/>	
S16	S15
1917	

from which

A cedar, 12 ins. diam., brs. N.61 $\frac{3}{4}$ °W.,
 360 lks. dist., marked T29N R5W S9 BT.
 No other trees within limits. Dig pits, 18 X 18 X 12 ins.,
 in each sec.; 5 $\frac{1}{2}$ ft. dist.
 Land, gently rolling.
 Soil; red loam, 1st rate.
 Timber, scattering cedar.
 Undergrowth, algerita and sagebrush.
 Grass.

40.00
80.19

East on a random line, bet. secs. 10 and 15.
 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 12 lks. S. of the cor. of secs.
 10, 11, 14 and 15.

19.50
30.20
40.00
40.09 $\frac{1}{2}$

Thence
 S.89°55'W., on a true line, bet. secs. 10 and 15.
 Over gently rolling land, through scattering undergrowth.
 Desc. gradual NW. slope.
 Bottom of draw, 10 chs. wide; course N.
 Leave draw; ascend.
 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
<hr/>	
$\frac{1}{4}$	S15
1917	

from which

A cedar, 4 ins. diam., brs. N.30 $\frac{1}{4}$ °W.,
 250 lks. dist., marked $\frac{1}{4}$ S10 BT.
 No other trees within limits. Dig pits, 18 X 18 X 12 ins.,
 E. and W. of post, 3 ft. dist.
 Asc. gradual SE. slope, through scattering timber.
 Top of slope, brs. N.40°E. and SW.
 The cor. of secs. 9, 10, 15 and 16.
 Land, gently rolling.
 Soil, gravelly, 3rd rate.
 Timber, very scattering cedar.
 Undergrowth, sagebrush and algerita.
 Grass.

72.70
80.19

N.0°2'W., bet. secs. 9 and 10.
 Over gently rolling SE. slope, through scattering timber
 and undergrowth.

25.00
40.00

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

$\frac{1}{4}$	S 9	S10
<hr/>		
1917		

from which

A cedar, 6 ins. diam., brs. N.38 $\frac{1}{4}$ °W., 37 lks. dist.,
 marked $\frac{1}{4}$ S9 BT.
 A cedar, 8 ins. diam., brs. N.19°50'E., 290 lks.
 dist., marked $\frac{1}{4}$ S10 BT.
 Draw, 1 ch. wide, course E.

57.40

26.

Subdivision of T. 29 N., R. 5 W.

Chains. 80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, marked on brass cap</p> $\begin{array}{r} T29N R5W \\ S 4 S 3 \\ \hline S 9 S10 \\ 1917 \end{array}$ <p>from which</p> <p>A cedar, 6 ins. diam., brs. N.78$\frac{1}{2}$°E., 160 lks. dist., marked T29N R5W S3BT.</p> <p>A cedar, 8 ins. diam., brs. S.68°10'E., 92 lks. dist., marked T29N R5W S10 BT.</p> <p>A cedar, 5 ins. diam., brs. S.37°W., 370 lks. dist., marked T29N R5W S9 BT.</p> <p>A cedar, 6 ins. diam., brs. N.49$\frac{1}{2}$°W., 70 lks. dist., marked T29N R5W S4 BT.</p> <p>Land, gently rolling. Soil, sandy clay, 2nd rate. Timber, scattering cedar. Undergrowth, algerita. Grass.</p>
40.00 80.30 20.00 30.00 40.15	<p>East on a random line, bet. secs. 3 and 10.</p> <p>Set temp. $\frac{1}{4}$ sec. cor.</p> <p>Intersect N. and S. line, 14 lks. S. of the cor. of secs. 2, 3, 10 and 11.</p> <p>Thence</p> <p>S.89°54'W., on a true line, bet. secs. 3 and 10.</p> <p>Over rolling land, through scattering timber and undergrowth, general E. slope.</p> <p>Draw, course NE. Asc. gradual SE. slope.</p> <p>Top of slope; knoll, 10 chs. wide.</p> <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> $\begin{array}{r} S 3 \\ \hline S10 \\ 1917 \end{array}$ <p>from which</p> <p>A cedar, 8 ins. diam., brs. N.5$\frac{1}{2}$°W., 270 lks. dist., marked $\frac{1}{4}$S3 BT.</p> <p>A cedar, 6 ins. diam., brs. S.37$\frac{1}{2}$°W., 305 lks. dist., marked $\frac{1}{4}$S10 BT.</p> <p>Asc. gradual slope.</p> <p>The cor. of secs. 3, 4, 9 and 10.</p> <p>Land, gently rolling. Soil, sandy clay, 2nd rate. Timber, scattering cedar. Undergrowth, algerita. Grass.</p>
40.00 80.98 16.00	<p>N.0°2'W., on a random line, bet. secs. 3 and 4.</p> <p>Set temp. $\frac{1}{4}$ sec. cor.</p> <p>Intersect N. bdy. of Tp., 21 lks. W. of the cor. of secs. 3, 4, 33 and 34.</p> <p>Thence</p> <p>S.0°7'W., on a true line, bet. secs. 3 and 4.</p> <p>Over rolling land, through scattering timber and undergrowth.</p> <p>Asc. gradual slope.</p> <p>Top of low ridge, brs. E. and W.</p> <p>Desc. gradual slope.</p>

Chains
40.93

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

↑
S 4 | S 3
1917

from which,

A cedar, 6 ins. diam., brs. S. $39\frac{1}{4}^{\circ}$ E.
220 lks. dist. mkd. $\frac{1}{4}$ S 3 B T.

A cedar, 8 ins. diam., brs. S. $37\frac{1}{4}^{\circ}$ W.
147 lks. dist. mkd. $\frac{1}{4}$ S 4 B T.

47.70
56.00
63.00
70.00
80.98

Draw, course E.
Desc. gradual slope.
Asc. gradual slope to
Thence over gently rolling land, to
The cor. of secs. 3, 4, 9 and 10.
Land, gently rolling.
Soil, sandy clay, 2nd rate.
Timber, cedar.
Undergrowth, algerita.
Grass.

From the standard cor. of secs. 32 and 33, S. bdy. of Tp.
described in book "F".

Thence

N. 0° $3'$ W. bet. secs. 32 and 33.

Over rolling land, through scattering timber.

Asc. gradual S. slope to

5.00
15.00
40.00

Ridge brs. N. and S. Thence over rolling land.

Leave timber, brs. SE. and NW.

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

↑
S32 | S33
1917

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

Thence over general W. 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, mkd. on brass cap

T29N R 5W
S29 | S28
S32 | S33
1917

from which,

A cedar, 6 ins. diam., brs. N. $21\frac{1}{2}^{\circ}$ E.
360 lks. dist. mkd. T 29 N R 5 W S 28 B T.

A cedar, 8 ins. diam., brs. N. 34° $50'$ W.
490 lks. dist. mkd. T 29 N R 5 W S 29 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, gently rolling.

Soil, sandy red loam, 1st rate.

Timber, scattering cedar.

Undergrowth, sagebrush and algerita.

28. Subdivision of T. 29 N., R. 5 W.

Chains

40.00 East on a random line bet. secs. 28 and 33.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.94 Intersect N. and S. line, 4 lks. S. of cor. of secs. 27, 28, 33 and 34.
 Thence
 S. $89^{\circ} 58' W.$ on a true line bet. secs. 28 and 33.
 Over nearly level land, through scattering undergrowth.
 19.60 Draw, course N. $50^{\circ} E.$
 37.00 Enter scattering cedar, brs. N. and S.
 39.97 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 28
 $\frac{1}{4}$ S 33
 1917

from which,
 A cedar, 5 ins. diam., brs. N. $20^{\circ} W.$
 242 lks. dist. mkd. $\frac{1}{4}$ S 28 B T.
 A cedar, 5 ins. diam., brs. S. $71\frac{1}{4}^{\circ} W.$
 75 lks. dist. mkd. $\frac{1}{4}$ S 33 B T.

79.94 The cor. of secs. 28, 29, 32 and 33.
 Land, nearly level.
 Soil, sandy clay, 2nd rate.
 Timber, scattering cedar.
 Undergrowth, sagebrush and algerita.
 Grass.

N. $0^{\circ} 3' W.$ bet. secs. 28 and 29.
 Over nearly level land, through scattering timber and undergrowth.
 35.00 Draw, course S. $60^{\circ} E.$
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
 S29 | S28
 1917

from which,
 A cedar, 10 ins. diam., brs. N. $55\frac{1}{2}^{\circ} E.$
 375 lks. dist. mkd. $\frac{1}{4}$ S 28 B T.

No other trees within limits.
 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. 20, 21, 28 and 29, mkd. on brass cap

T29N R 5W
 S20 | S21
 S29 | S28
 1917

from which,
 A pinion, 6 ins. diam., brs. N. $75\frac{1}{2}^{\circ} E$
 120 lks. dist. mkd. T 29 N R 5 W S 21 B T.
 A cedar, 6 ins. diam., brs. S. $72\frac{1}{4}^{\circ} E.$
 244 lks. dist. mkd. T 29 N R 5 W S 28 B T.
 A cedar, 6 ins. diam., brs. S. $66^{\circ} 20' W.$
 550 lks. dist. mkd. T 29 N R 5 W S 29 B T.
 A cedar, 8 ins. diam., brs. N. $75\frac{1}{2}^{\circ} W!$
 181 lks. dist. mkd. T 29 N R 5 W S 20 B T.

Land, nearly level.
 Soil, sandy clay, 1st rate.
 Timber, cedar.
 Undergrowth, sagebrush and algerita.

Chains.

40.00 East on a random line, bet. secs. 21 and 28.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. and S. line, 11 lks. S. of cor. of secs. 21, 22, 27 and 28,
 Thence
 S. $89^{\circ}55'$ W., on a true line. bet. secs. 21 and 28.
 Over nearly level land, through scattering timber and undergrowth.
 Asc. gradual slope of draw.
 25.00 Edge of dense timber, brs. NE. and SW.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S21
 $\frac{1}{4}$ S28
 1917

from which
 A pinion, 15 ins. diam., brs. N. $26^{\circ}20'$ W., 180 lks. dist., marked $\frac{1}{4}$ S21 BT.
 A pinion, 15 ins. diam., brs. S. $39^{\circ}45'$ W., 60 lks. dist., marked $\frac{1}{4}$ S28 BT.

46.00 Asc. gradual E. slope, Leave timber, brs. NW. and SE.
 67.00 Head of small draw, course NE.
 80.00 The cor. of secs. 20, 21, 28 and 29.
 Land, gently rolling.
 Soil, sandy loam, 1st rate.
 Timber, cedar.
 Undergrowth, sagebrush and algerita.

N. $0^{\circ}3'$ W., bet. secs. 20 and 21.
 Over gently rolling land, through scattering timber and undergrowth.
 Desc. gentle slope.
 0.50 Head of draw, course N. 60° E.
 20.00 Draw, course E.
 30.00 Bottom of draw, course E.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
 S20 | S21
 1917

from which
 A cedar, 8 ins. diam., brs. S. $68^{\circ}10'$ E., 210 lks. dist., marked $\frac{1}{4}$ S21 BT.
 A pinion, 12 ins. diam., brs. N. 34° W., 440 lks. dist., marked $\frac{1}{4}$ S20 BT.

Desc. gradual NW. slope.
 46.00 Bottom of draw, course E.
 55.00 Asc. gradual S. slope, 15 ft. to
 58.10 Top of ascent, brs. E. and W. Desc. gradual N. slope.
 75.00 Enter bottom of wide draw, course SE.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, in a mound of stone, for cor. of secs. 16, 17, 20 and 21, marked on brass cap

T29N R5W
 S17 | S16
 S20 | S21
 1917

from which
 A cedar, 6 ins. diam., brs. S. $44\frac{1}{2}^{\circ}$ W., 180 lks. dist., marked T29N R5W S20 BT.
 A cedar, 10 ins. diam., brs. N. $1^{\circ}50'$ W., 330 lks. dist., marked T29N R5W S17 BT.
 No other trees within limits.

30.

Subdivision of T. 29 N., R. 5 W.

Chains.

Dig pits, 18 X 18 X 12 ins., in each sec., 5 1/2 ft. dist.
Land, gently rolling.
Soil, sandy clay, 1st rate.
Timber, scattering cedar and pinion.
Undergrowth, sagebrush and algerita.

40.00 East on a random line, bet. secs. 16 and 21.
Set temp. 1/4 sec. cor.
80.10 Intersect N. and S. line, 4 lks. S. of cor. of secs.
15, 16, 21 and 22.

Thence
S. 89° 58' W., on a true line, bet. secs. 16 and 21.
Over gently rolling land, through scattering timber and
undergrowth.
Asc. gradual SE. slope, along wide draw.

25.00 Top of ascent, brs. SE. and NW.
30.20 Small draw, course S. 30° E.
40.05 Top of low ridge, brs. S. 30° W. and N. 30° E.
Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the
ground, in a mound of stone, for 1/4 sec. cor., marked on
brass cap

1/4 S16
1/4 S21
1917

from which

A cedar, 10 ins. diam., brs. N. 62 1/2° E.,
220 lks. dist., marked 1/4 S16 BT.

A cedar, 8 ins. diam., brs. S. 23 3/4° E.,
500 lks. dist., marked 1/4 S21 BT.

Desc. gradual SW. slope.
55.00 Asc. gradual SE. slope.
77.70 Top of ascent, brs. NW. and SE. Desc. gradual SW. slope.
80.10 The cor. of secs. 16, 17, 20 and 21.

Land, gently rolling.
Soil, sandy, 2nd rate.
Timber, scattering cedar.
Undergrowth, sagebrush.

N. 0° 3' W., bet. secs. 16 and 17.
Over gently rolling land, through timber and undergrowth.
Asc. gradual S. slope.
10.00 Top of ascent, brs. E. and W. Thence over rolling land.
23.00 Desc. gradual N. slope.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for 1/4 sec. cor., marked on brass cap

1/4
S17 | S16
1917

from which

A cedar, 10 ins. diam., brs. S. 49 1/4° W.,
290 lks. dist., marked 1/4 S17 BT.

No other trees within limits. Dig pits, 18 X 18 X 12 ins.,
N. and S. of post, 3 ft. dist.

50.00 Bottom of draw, course E. Asc. gradual SE. slope.
60.00 Top of ascent, brs. NW. and SE. Desc. gradual NE. slope.
80.00 Bottom of draw, course NE.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 8, 9, 16 and 17, marked on
brass cap

T29N R5W
S 8 | S 9
S17 | S16
1917

Chains

from which,
 A cedar, 8 ins. diam., brs. N. 48 $\frac{1}{2}$ ° E.
 230 lks. dist. mkd. T 29 NR 5 WS 9 B T.
 A cedar, 10 ins. diam., brs. S. 65 $\frac{1}{4}$ ° E.
 201 lks. dist. mkd. T 29 NR 5 WS 16 B T.
 A cedar, 6 ins. diam., brs. N. 45 $\frac{1}{4}$ ° W.
 270 lks. dist. mkd. T 29 NR 5 WS 8 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, gently rolling.
 Soil, red sandy loam, 1st rate.
 Timber, scattering cedar, and pinion.
 Undergrowth, sagebrush and algerita.

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

Thence
 West on a true line bet. secs. 9 and 16.
 Over gently rolling land, through scattering timber and
 undergrowth.

20.50 Asc. gradual slope.
 28.70 Top of ascent brs. NE. and SW.
 40.02 Draw, course NE. Asc. gradual SE. slope.
 Set an ironpost, 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 9
 S 16
 1917

45.00 dig pits, 18 X 18 X 12 ins, E. and W. of post, 3 ft.
 dist.
 Top of slope, brs. NE. and SW. Thence over nearly level
 land.

70.00 Enter timber brs. NE. and SW.
 72.00 Desc. gradual NW. slope.
 80.04 The cor. of secs. 8, 9, 16 and 17.
 Land, gently rolling.
 Soil, sandy clay, 2nd rate.
 Timber, scattering cedar.
 Undergrowth, algerita.

10.00 N. 0° 3' W. bet. secs. 8 and 9.
 22.80 Over gently rolling land, through scattering timber and
 undergrowth.
 25.00 Desc. gradual NE. slope.
 40.00 Draw, course NE. Asc. gradual SE. slope.
 Edge of cedar timber, brs. E. and W.
 Top of ascent. Thence over nearly level 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

S 8 S 9
 1917

47.00 from which,
 50.00 A cedar, 6 ins. diam., brs. S. 64° E.
 223 lks. dist. mkd. $\frac{1}{4}$ S 9 B T.
 A cedar, 6 ins. diam., brs. S. 21° 4' W.
 220 lks. dist. mkd. $\frac{1}{4}$ S 8 B T.
 Asc. gradual SE. slope, through scattering timber.
 Top of ascent. Desc. gradual slope.
 Draw, course E.

32. Subdivision of T. 29 N., R. 5 W.

Chains
 57.80 Draw, course E.
 64.00 Asc. gradual S. slope.
 66.20 Top of ascent, brs. NW. and SE.
 Thence over open rolling land.
 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, mkd. on brass cap

T29N R 5W
 S 5 | S 4
 S 8 | S 9
 1917

dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.
 Land, gently rolling.
 Soil, sandy clay, 1st rate.
 Timber, scattering cedar.
 Undergrowth, algerita.
 Grass.

40.00 East on a random line bet. secs. 4 and 9.
 Set temp. ¼ sec. cor.
 80.08 Intersect N. and S. line, 10 lks. N. of cor. of secs. 3, 4, 9 and 10.

Thence
 N. 89° 56' W. on a true line bet. secs. 4 and 9.
 Over gently rolling land, through scattering undergrowth.
 Asc. gradual SE. slope.

25.00 Top of ascent brs. NE. and SW. Desc. gradual slope.

35.00 Draw, course NE.

40.04 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 4
 S 9
 1917

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

61.00 Asc. gradual slope.
 Top of ascent. Thence over rolling SE. slope.

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

Land, gently rolling.
 Soil, sandy clay, 2nd rate.
 No timber.
 Undergrowth, algerita.

=

40.00 N. 0° 3' W. on a random line bet. secs. 4 and 5.
 Set temp. ¼ sec. cor.

80.66 Intersect N. hdy. of Tp., 4 lks. W. of cor. of secs. 4, 5, 32 and 33, hereinbefore described.

Thence
 S. 0° 1' E. on a true line bet. secs. 4 and 5.
 Over gently rolling land, through scattering undergrowth.

5.60 Small draw, course N. 80° E. Asc. gradual slope.

16.60 Top of ascent brs. E. and W. Desc. gradual S. slope.

33.00 Draw, course, E. Asc. gradual slope.

40.66 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 5 | S 4
 1917

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

Subdivision of T. 29 N. R. 5 W.

33

Chains

57.50

Draw, course N. 40° E. Asc. gradual slope.

68.60

Top of ascent, brs. NE. and SW.

Desc. gradual slope.

80.66

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

Land, gently rolling.

Soil, sandy clay, 2nd rate.

No timber.

Undergrowth, greasewood and sagebrush.

From the standard cor. of secs. 31 and 32, S. bdy. of Tp., described in book "F",

N. 0° 3' W. bet. secs. 31 and 32.

Over gently rolling land, through scattering timber and undergrowth.

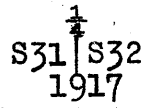
Over gradual NE. slope.

28.00

Draw, course, N. 70° E.

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



from which,

A pinion, 14 ins. diam., brs. S. 27° E.

33 lks. dist. mkd. 1/4 S 32 B T.

A pinion, 18 ins. diam., brs. S. 18° W.

113 lks. dist. mkd. 1/4 S 31 B T.

Thence along E. slope.

52.20

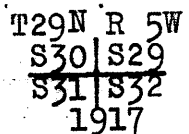
Draw, course E.

72.60

Draw, course E.

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



from which,

A cedar, 10 ins. diam., brs. N. 1° E.

785 lks. dist. mkd. T 29 N R 5 W S 29 B T.

A cedar, 6 ins. diam., brs. S. 10 1/2° E.

370 lks. dist. mkd. T 29 N R 5 W S 32 B T.

A cedar, 6 ins. diam., brs. S. 85° W.

69 lks. dist. mkd. T 29 N R 5 W S 31 B T.

A cedar, 18 ins. diam., brs. N. 71° W.

60 lks. dist. mkd. T 29 N R 5 W S 30 B T.

Land, gently rolling.

Soil, sandy clay, 2nd rate, limestone formation.

Timber, cedar and pinion.

Undergrowth, algerita and sagebrush.

Grass.

East on a random line bet. secs. 29 and 32.

40.00

Set temp. 1/4 sec. cor.

80.12

Intersect N. and S. line, 9 lks. N. of cor. of secs. 28, 29, 32 and 33.

Thence

N. 89° 56' W. on a true line, through scattering undergrowth.

15.00

Draw, near head course S.

30.00

Enter scattering timber.

34. Subdivision of T. 29 N. R. 5 W.

Chains

40.06 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, for 1/4 sec. cor., mkd. on brass cap

1/4 S 29
S 32
1917

from which,

A pinion, 12 ins. diam., brs. N. 30 1/2° W.

50 lks. dist. mkd. 1/4 S 29 B T.

A cedar, 6 ins. diam., brs. S. 56 3/4° E.

75 lks. dist. mkd. 1/4 S 32 B T.

45.00 Draw, course S. Desc. gradual SW. slope.

56.40 Edge of large draw, course SE.

60.00 Small wash, running into draw, willow

Desc. gradual W. slope of draw.

70.00 Bottom of Sand Creek (dry), course S.

80.12 The cor. of secs. 29, 30, 31 and 32.

Land, gently rolling.

Soil, sandy clay, 1st rate.

Timber, scattering cedar and pinion.

Undergrowth, sagebrush and greasewood.

West on a random line bet. secs. 30 and 31.

40.00 Set temp. 1/4 sec. cor.

79.91 Intersect W. bdy. of Tp., 1 lk. S. of cor. of secs. 25, 30, 31 and 36, hereinbefore described.

Thence

East on a true line bet. secs. 30 and 31.

Over gently rolling land, through scattering timber and undergrowth.

30.00 Draw, course N. 80° E.

39.91 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 30
S 31
1917

from which,

A cedar, 5 ins. diam., brs. N. 62 1/2° E.

327 lks. dist. mkd. 1/4 S 30 B T.

A cedar, 6 ins. diam., brs. S. 3 1/2° E.

110 lks. dist. mkd. 1/4 S 31 B T.

72.70 Draw, course S. 70° E. Desc. gradual E. slope.

79.91 The cor. of secs. 29, 30, 31 and 32.

Land, gently rolling.

Soil, sandy clay, limestone formation, 2nd rate.

Timber, cedar and pinion.

Undergrowth, sagebrush and algerita.

Grass.

N. 0° 3' W. bet. secs. 29 and 30.

Over gently rolling land, through scattering cedar and pinion and scattering undergrowth.

14.00 Sand Creek (dry), course S. 30° E. Asc. gradual SW. slope.

23.40 Draw, course S. 60° W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, in a mound of stone, for 1/4 sec. cor., mkd. on brass cap

S 30 | S 29
1917

Subdivision of T. 29 N., R. 5 W.

Chains.

from which

- A cedar, 4 ins. diam., brs. S.87½°E.,
28 lks. dist., marked ¼S29 BT.
- A cedar, 6 ins. diam., brs. S.5¾°W.,
60 lks. dist., marked ¼S30 BT.

49.90
80.00

Draw, course S.70°W.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, marked on brass cap

T29N	R5W
S19	S20
<hr/>	
S30	S29
1917	

from which

- A pinion, 14 ins. diam., brs. N.41°E.,
110 lks. dist., marked T29N R5W S20 BT.
- A pinion, 6 ins. diam., brs. S.3°E.,
69 lks. dist., marked T29N R5W S29 BT.
- A cedar, 6 ins. diam., brs. S.46½°W.,
101 lks. dist., marked T29N R5W S30 BT.
- A cedar, 6 ins. diam., brs. N.50°W.,
111 lks. dist., marked T29N R5W S19 BT.

Land, gently rolling.
Soil, sandy clay, 1st rate and stony, 3rd rate.
Timber, scattering cedar and pinion.
Undergrowth, sagebrush and algerita.
Grass.

40.00
80.09

East on a random line, bet. secs. 20 and 29.
Set temp. ¼ sec. cor.
Intersect N. and S. line, 13 lks. N. of the cor. of secs. 20, 21, 28 and 29.

Thence
N.89°54'W., on a true line, bet. secs. 20 and 29.
Over gently rolling land, through scattering timber and undergrowth.

20.00
25.00
35.00
40.04½

Draw, course N.
Enter dense timber, brs. N. and S. Asc. gradual E. slope.
Leave dense timber, brs. N. and S.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

S20	
¼ S29	
<hr/>	
1917	

from which

- A pinion, 10 ins. diam., brs. N.0°30'E.,
166 lks. dist., marked ¼S20 BT.
- A pinion, 8 ins. diam., brs. S.6°E.,
485 lks. dist., marked ¼S29 BT.

60.00
75.00
80.09

Edge of timber, brs. E. and W. Asc. gradual E. slope, along edge of timber.
Enter dense timber, brs. NW. and SE.
The cor. of secs. 19, 20, 29 and 30.

Land, gently rolling.
Soil, 1st and 3rd rates.
Timber, cedar and pinion.
Undergrowth, sagebrush and algerita.
Grass.

40.00
79.87

West on a random line, bet. secs. 19 and 30.
Set temp. ¼ sec. cor.
Intersect W. bdy. of Tp., 4 lks. N. of the cor. of secs. 19, 24, 25 and 30, hereinbefore described.
Thence

336

Subdivision of T. 29 N., R. 5 W.

Chains.

N.89°58'E., on a true line, bet. secs. 19 and 30.
Over rolling land, through scattering timber and undergrowth.
Asc. gradual NW, slope, to
20.00 Thence desc. gradual rolling slope.
39.87 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$$\begin{array}{r} \frac{1}{4} S19 \\ \frac{1}{4} S30 \\ \hline 1917 \end{array}$$

from which
A cedar, 5 ins. diam., brs. N.87°W.,
212 lks. dist., marked $\frac{1}{4}$ S19 BT.
A cedar, 4 ins. diam., brs. S.78 $\frac{1}{2}$ °W.,
203 lks. dist., marked $\frac{1}{4}$ S30 BT.

53.00 Sand Creek (dry), course SE. Asc. gradual SW. slope.
79.87 The cor. of secs. 19, 20, 29 and 30.
Land, gently rolling.
Soil, sandy clay and rocky, limestone formation, 2nd and 3rd rates.
Timber, scattering cedar and pinion.
Undergrowth, sagebrush and algerita.
Grass.

N.0°3'W., bet. secs. 19 and 20.
Over gently rolling land, through scattering timber and undergrowth.

7.20 Leave timber, brs. N.45°E. and SW.
10.00 Draw, course E.
19.10 Enter dense timber, brs. E. and W.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

$$\begin{array}{r} \frac{1}{4} \\ S19 | S20 \\ \hline 1917 \end{array}$$

from which
A cedar, 12 ins. diam., brs. N.78°10'E.,
270 lks. dist., marked $\frac{1}{4}$ S20 BT.
A pinion, 18 ins. diam., brs. N.44°40'W.,
312 lks. dist., marked $\frac{1}{4}$ S19 BT.

65.00 Leave dense, enter scattering timber.
69.20 Edge of draw, brs. NW. and SE. Desc.
75.00 Bottom of draw, course S.20°E. Asc.
80.00 Top of ridge, brs. E. and W. Desc.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, marked on brass cap

$$\begin{array}{r} T29N R5W \\ S18 | S17 \\ \hline S19 | S20 \\ \hline 1917 \end{array}$$

from which

A pinion, 12 ins. diam., brs. N.73 $\frac{1}{2}$ °E.,
404 lks. dist., marked T29N R5W S17 BT.
A pinion, 14 ins. diam., brs. S.16°40'E.,
429 lks. dist., marked T29N R5W S20 BT.
A cedar, 8 ins. diam., brs. S.49 $\frac{1}{2}$ °W.,
240 lks. dist., marked T29N R5W S19 BT.
A pinion, 6 ins. diam., brs. N.60°40'W.,
79 lks. dist., marked T29N R5W S18 BT.

Chains.

Land, gently rolling.
Soil, clay, 1st rate.
Timber, pinion and cedar.
Undergrowth, sagebrush.

40.00 East on a random line, bet. secs. 17 and 20.
Set temp. $\frac{1}{4}$ sec. cor.
80.03 Intersect N. and S. line, 7 lks. N. of the cor. of secs.
16, 17, 20 and 21.

Thence
N.89°57'W., on a true line, bet. secs. 17 and 20.
Over bottom land, through scattering undergrowth.
13.00 Leave bottom land, enter dense timber. Asc. gradual slope.
31.70 Spur, slopes S.60°E. Desc. gradual slope to
35.00 Small draw, course S.70°E. Asc. E. slope.
40.01 $\frac{1}{2}$ 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

$\frac{1}{4}$ S17
 $\frac{1}{4}$ S20
1917

from which

A cedar, 10 ins. diam., brs. N.86 $\frac{3}{4}$ °W.,
116 lks. dist., marked $\frac{1}{4}$ S17 BT.
A pinion, 6 ins. diam., brs. S.44°50'W.,
81 lks. dist., marked $\frac{1}{4}$ S20 BT.
52.70 Leave dense, enter scattering timber. Asc. gradual slope.
63.00 Top of ascent, brs. N. and S. Thence over gently rolling
land.
80.03 The cor. of secs. 17, 18, 19 and 20.
Land, gently rolling,
Soil, 2nd rate.
Timber, pinion and cedar.
Undergrowth, sagebrush.

40.00 West on a random line, bet. secs. 18 and 19.
Set temp. $\frac{1}{4}$ sec. cor.
79.83 Intersect W. bdy. of Tp., 3 lks. S. of the cor. of secs.
13, 18, 19 and 24, hereinbefore described.

Thence
S.89°59'E., on a true line, bet. secs. 18 and 19.
Over gently rolling land, through scattering timber.
10.00 Draw, course SE.
34.80 Enter bottom of Sand Creek (dry), course S.
39.83 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

$\frac{1}{4}$ S18
 $\frac{1}{4}$ S19
1917

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

40.00 Leave Sand Creek, course S.
55.00 Small draw, course N.
59.00 Small draw, course NW. Asc. W. slope, 100 ft.
61.20 Top of ascent, ridge, brs. NE. and SW. Desc., over gently
rolling land.
79.83 The cor. of secs. 17, 18, 19 and 20.
Land, rolling.
Soil, sandy clay, 2nd rate.
Timber, scattering cedar and pinion.
Undergrowth, sagebrush.

38.

Subdivision of T. 29 N., R. 5 W.

Chains.

N.0°3'W., bet. secs. 17 and 18.
Over rolling land, through scattering timber and undergrowth.

- 5.00 Draw, course NW. Asc. gradual SW. slope.
- 35.00 Top of ascent, brs. NW. and SE. Desc. gradual slope.
- 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

$\frac{1}{4}$
 S18 | S17
 1917

from which

- A pinion, 6 ins. diam., brs. S.64°10'E.,
11 lks. dist., marked $\frac{1}{4}$ S17 BT.
- A cedar, 12 ins. diam., brs. S.40°W.,
13 lks. dist., marked $\frac{1}{4}$ S18 BT.

- 55.42 Small draw, course NW. Asc. gradual slope.
- 72.50 Draw, course SW.
- 78.00 Draw, course SW.
- 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, marked on brass cap

T29N R5W
 S 7 | S 8
 ———
 S18 | S17
 1917

from which

- A cedar, 6 ins. diam., brs. N.19 $\frac{1}{2}$ °E.,
45 lks. dist., marked T29N R5W S8 BT.
- A cedar, 12 ins. diam., brs. S.50°50'E.,
118 lks. dist., marked T29N R5W S17 BT.
- A cedar, 8 ins. diam., brs. S.23°W.,
35 lks. dist., marked T29N R5W S18 BT.
- A pinion, 6 ins. diam., brs. N.67°50'W.,
340 lks. dist., marked T29N R5W S7 BT.

Land, gently rolling.
Soil, 3rd rate.
Timber, cedar and pinion.
Undergrowth, sagebrush.

- 40.00 East on a random line, bet. secs. 8 and 17.
- 80.04 Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, 3 lks. S. of the cor. of secs. 8, 9, 16 and 17.

Thence

S.89°59'W., on a true line, bet. secs. 8 and 17.
Over gently rolling land, through scattering timber and undergrowth.

- 5.00 Enter dense timber, brs. NE. and SW.
- 15.00 Timber becomes scattering.
- 20.00 Enter bottom land, drains N.30°W.
- 40.02 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S 8
 ———
 S17
 1917

from which

- A cedar, 8 ins. diam., brs. N.50 $\frac{1}{4}$ °E.,
420 lks. dist., marked $\frac{1}{4}$ S8 BT.
- A cedar, 6 ins. diam., brs. S.73°40'E.,
327 lks. dist., marked $\frac{1}{4}$ S17 BT.

- Asc. gradual E. slope.
- 65.00 Draw, course SE.
- 80.04 The cor. of secs. 7, 8, 17 and 18.

Chains.

Land, gently rolling.
Soil, 3rd rate.
Timber, scattering pinion and cedar.
Undergrowth, sagebrush.

40.00 West on a random line, bet. secs. 7 and 18.
Set temp. $\frac{1}{4}$ sec. cor.
79.62 Intersect W. bdy. of Tp., 3 lks. N. of the cor. of secs.
7, 12, 13 and 18, hereinbefore described.
Thence
N.89°59'E., on a true line, bet. secs. 7 and 18.
Over gently rolling land, through scattering timber and
undergrowth.
21.00 Desc. gradual slope.
Draw, course N.
34.60 Enter Sand Creek (dry), course S.
39.62 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S 7
S 18
1917

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

40.00 Leave Sand Creek, course S.
60.60 Small draw, course S.60°W. Asc. gradual slope.
79.62 The cor. of secs. 7, 8, 17 and 18.
Land, gently rolling.
Soil, 2nd rate.
Timber, scattering cedar and pinion.
Undergrowth, scattering sagebrush.

40.00 N.0°3'W., bet. secs. 7 and 8.
Over gently rolling land, through scattering timber and
undergrowth.
Asc. gradual slope.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
S 7 | S 8
1917

from which

A cedar, 10 ins. diam., brs. S.34°E.,
400 lks. dist., marked $\frac{1}{4}$ S 8 BT.

No other trees within limits. Dig pits, 18 X 18 X 12 ins.,
N. and S. of post, 3 ft. dist.

Asc.
55.00 Low ridge, brs. E. and W. Desc.
60.00 Draw, course N.80°E.
80.00 Small draw, course E.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 5, 6, 7 and 8, marked on
brass cap

T29N R5W
S 6 | S 5
S 7 | S 8
1917

dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist.
Land, rolling and gently rolling.
Soil, 1st rate, red sandy loam.
Timber, scattering cedar.
Undergrowth, sagebrush and algerita.

40. Subdivision of T. 29 N., R. 5 W.

Chains.	East on a random line, bet. secs. 5 and 8. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 11 lks. N. of the cor. of secs. 4, 5, 8 and 9. Thence N. $89^{\circ}55'$ W., on a true line, bet. secs. 5 and 8. Over gently rolling land, through scattering timber and undergrowth.
40.00	Draw, course NE. Asc. gradual E. slope of draw.
79.97	Draw, course N. 40° E.
16.00	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
32.00	
39.98 $\frac{1}{2}$	
	$\begin{array}{r} S\ 5 \\ \frac{1}{4} S\ 8 \\ 1917 \end{array}$
	dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.
42.00	Top of ascent, brs. NE. and SW. Desc. gradual slope.
53.70	Draw, course N. 40° E.
60.00	Cross bottom course N. 40° E. Asc. in small draw.
79.97	The cor. of secs. 5, 6, 7 and 8. Land, gently rolling. Soil, 1st rate. Timber, scattering cedar. Undergrowth, algerita and greasewood.
40.00	West on a random line, bet. secs. 6 and 7. Set temp. $\frac{1}{4}$ sec. cor.
79.45	Intersect W. bdy. of Tp., 9 lks. S. of the cor. of secs. 1, 6, 7 and 12, hereinbefore described. Thence S. $89^{\circ}56'$ E., on a true line, bet. secs. 6 and 7. Over rolling land, through scattering timber and undergrowth.
5.00	Draw, course N. 30° E.
19.50	Enter Sand Creek (dry), course S.
26.00	Leave Sand Creek, course S. Asc. W. slope.
39.45	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\begin{array}{r} S\ 6 \\ \frac{1}{4} S\ 7 \\ 1917 \end{array}$
	from which A cedar, 6 ins. diam., brs. N. $16\frac{1}{4}^{\circ}$ E., 49 lks. dist., marked $\frac{1}{4}$ S6 BT. A cedar, 6 ins. diam., brs. S. 18° W., 60 lks. dist., marked $\frac{1}{4}$ S7 BT.
45.00	Draw, course N. 60° W. Asc. gradual slope.
51.40	Top of ascent, brs. N. and S.
69.50	Draw, course N. 20° E.
79.45	The cor. of secs. 5, 6, 7 and 8. Land, rolling. Soil, 2nd rate. Timber, scattering cedar. Undergrowth, algerita.
40.00	N. $0^{\circ}3'$ W., on a random line, bet. secs. 5 and 6. Set temp. $\frac{1}{4}$ sec. cor.
80.37	Intersect N. bdy. of Tp., at the cor. of secs. 5, 6, 31 and 32, hereinbefore described. Thence S. $0^{\circ}3'$ E., on a true line, bet. secs. 5 and 6.

Subdivision of T. 29 N., R. 5 W.

Chains

Over gently rolling land, through scattering timber and undergrowth.
 Desc. gradual slope, to
 24.40 Draw, course N. 40° E. Asc. gradual slope.
 34.70 Top of ascent.
 40.37 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 6 $\frac{1}{2}$ S 5
 1917

from which,
 A cedar, 8 ins. diam., brs. S. 37 $\frac{1}{2}$ ° W.
 62 lks. dist. mkd. $\frac{1}{4}$ S 6 B T.

No other trees within limits.
 Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.

58.37 Desc. gradual slope to
 80.37 The cor. of secs. 5, 6, 7 and 8.
 Land, gently rolling.
 Soil, 2nd rate.
 Timber, scattering cedar.
 Undergrowth, sagebrush and algerita.

GENERAL DESCRIPTION.

This township is mostly rolling land, nearly level through east central part. The soil is sandy clay, limestone and sandstone formations, very rocky in places. It can be classed as 2nd and 3rd rates, except in the wide draws, where it is 1st rate. There is a scattering growth of cedar and pinion timber through the western half of the township. There is a good growth of sagebrush and native grasses.

There are no settlers or improvements of any kind. A wagon road runs through the township from Seligman to Supai Indian Village.

Boundaries of T. 29 N., R. 5 W.
 Latitudes, departures and closing errors.

Line designated.	True bearing.	Dist. chs.	Latitudes.		Departures.	
			N. chs.	S. chs.	E. chs.	W. chs.
South Boundary (7th Std. Par. M.)	West.	480.00				480.00
West Boundary	North.	480.00	480.00			
North Boundary.	N. 89° 51' E.	479.26	1.26		479.26	
East Boundary	South	400.00		400.00		
	S. 0° 2' E.	40.12		40.12	.02	
	S. 0° 1' W.	40.10		40.10		.01
Convergency					.53	
Totals.			481.26	480.22	479.81	480.01
			480.22			479.81
Error in latitude			1.04			
Error in departure						.20

42. Fractional Subdivision of Sec. 25, T. 29 N., R. 6 W.

Chains

From the cor. of secs. 25, 30, 31 and 36, E. bdy. of Tp., hereinbefore described, West bet. secs. 25 and 36. Over nearly level land, through scattering timber and undergrowth.

20.00 Asc. gradual E. slope.

35.56 Intersect E. bdy. of Hualpai Indian Reservation, 17.28 chs. S. of the 98 mile cor., which is a limestone, properly set, mkd. and witnessed as described by the Surveyor General. At this cor. I take the following bearing tree.

A cedar, 14 ins. diam., brs. N. 40° W. 147 lks. dist. mkd. H I R 98 M B T.

At the point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 25 and 36, mkd. on brass cap.

T29N
R 6W
HIR | S25
S36 CC
1917

from which,

A cedar, 10 ins. diam., brs. N. 33 1/2° E. 256 lks. dist. mkd. T 29 N R 6 W S 25 C C B T.

A cedar, 8 ins. diam., brs. S. 14 1/2° E. 81 lks. dist. mkd. T 29 N R 6 W S 36 C C B T.

Land, nearly level.

Soil, sandy clay, limestone, formation, 2nd rate.

Timber, cedar and pinion.

Undergrowth, sagebrush and algezita.

Grass.

Note:- At the 97 1/2 mile cor. I take the following bearing trees.

A pinion, 10 ins. diam., brs. S. 73 3/4° W. 210 lks. dist. mkd. H I R 97 1/2 M B T.

A cedar, 24 ins. diam., brs. N. 34 1/2° W. 60 lks. dist. mkd. H I R 97 1/2 M B T.

12.70
25.00
35.56

From the cor. of secs. 19, 24, 25 and 30, E. bdy. of Tp., hereinbefore described, West bet. secs. 24 and 25. Over level land, through scattering timber and undergrowth. Draw, course NE.

Enter denser timber, brs. NE. and SW.

Intersect E. bdy. of Hualpai Indian Reservation, 17.63 chs. S. of the 99 mile cor., which is a quartzite, properly set, mkd. and witnessed as described by the Surveyor General. At this cor. I take the following bearing trees.

A pinion, 20 ins. diam., brs. S. 38° W. 113 lks. dist. mkd. H I R 99 M B T.

A cedar, 16 ins. diam., brs. N. 44° W. 157 lks. dist. mkd. H I R 99 M B T.

At the point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor., of secs. 24 and 25, mkd. on brass cap

T29N
R 6W
HIR | S24
S25 CC
1917

from which,

Tract 1 Subdivision of T. 29 N. R. 6 W. 43

Chains

A cedar, 14 ins. diam., brs. N. 64 1/2° E.
110 lks. dist. mkd. T 29 N R 6 W S 24 C C B T.
A cedar, 18 ins. diam., brs. S. 68° E.
307 lks. dist. mkd. T 29 N R 6 W S 25 C C B T.

Land, level.
Soil, sandy clay, gravelly and stony, quartzite and limestone formation, 2nd rate.
Timber, scattering pinion and cedar.
Undergrowth, sagebrush and algerita.
Grass.

8.00
35.56

From the cor. of secs. 13, 18, 19 and 24, E. bdy. of Tp., hereinbefore described,
West bet. sec. 13 and 24.
Over gently rolling land, through scattering timber and undergrowth.

Draw, course N. 40° E.
Intersect E. bdy. of Hualpai Indian Reservation, 17.72 chs. S. of the 100 mile cor., which is a quartzite properly set, mkd. and witnessed as described by the Surveyor General. At this cor. I take the following bearing trees.

A cedar, 16 ins. diam., brs. S. 88 3/4° W.
198 lks. dist. mkd. H I R 100 M B T.
A cedar, 18 ins. diam., brs. N. 48 1/4° W.
204 lks. dist. mkd. H I R 100 M B T.

At the point of intersection
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 13 and 24, mkd. on brass cap

T29N
R 6W
HIR | S13
 | S24 CC
 | 1917

from which,
A cedar, 12 ins. diam., brs. N. 64 3/4° E.
355 lks. dist. mkd. T 29 N R 6 W S 13 C C B T.

No other trees within limits.
Dig pits, 24 X 18 X 12 ins., crosswise on each line, N. and S. 3 ft. and E. of post, 7 ft. dist.

Land, gently rolling.
Soil, sandy clay, gravelly and stony, quartzite and limestone formation, 2nd rate.
Timber, cedar and pinion.
Undergrowth, sagebrush and algerita.
Grass.

Note:- At the 99 1/2 mile cor. I take the following bearing trees.

A cedar, 4 ins. diam., brs. S. 53° W.
87 lks. dist. mkd. H I R 99 1/2 M B T.
A cedar, 6 ins. diam., brs. N. 67° W.
142 lks. dist. mkd. H I R 99 1/2 M B T.

35.46

From the cor. of secs. 7, 12, 13 and 18, E. bdy. of Tp., hereinbefore described,
West bet. sec. 12 and 13.
Over gently rolling land, through scattering timber and undergrowth.

Asc. gradual E. slope.
Intersect E. bdy. of Hualpai Indian Reservation, 18.01 chs. S. of the 101 mile cor., which is a quartzite properly set, mkd. and witnessed as described by the Surveyor General. At this cor. I take the following bearing trees.

44 Fraction Subdivision of T. 29 N., R. 6 W.

Chains

A cedar, 5 ins. diam., brs. S. 25 1/2° W.
292 lks. dist. mkd. H I R 101 M B T.
A cedar, 10 ins. diam., brs. N. 68° W.
479 lks. dist. mkd. H I R 101 M B T.

At the point of intersection
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for closing cor. of T. 29 N. secs. 12 and 13,
mkd. on brass cap

T29N
R 6W
HIR | S12 CC
 | S13
 | 1917

from which,
A cedar, .14 ins. diam., brs. N. 75 1/2° E.
240 lks. dist. mkd. T 29 N R 6 W S 12 C C B T.
A cedar, 16 ins. diam., brs. S. 75 1/4° E.
257 lks. dist. mkd. T 29 N R 6 W S 13 C C B T.

Land, gently rolling.
Soil, sandy clay, gravelly, 2nd rate.
Timber, cedar and pinion.
Undergrowth, sagebrush and algerita.
Grass.

Note:- At the 100 1/2 mile cor. I take the following bearing
trees.

A cedar, 8 ins. diam., brs. S. 58° W.
189 lks. dist. mkd. H I R 100 1/2 M B T.
A cedar, 12 ins. diam., brs. N. 57° W.
72 lks. dist. mkd. H I R 100 1/2 M B T.

35.44

From the cor. of secs. 1, 6, 7 and 12, E. bdy. of Tp.,
hereinbefore described,
West bet. secs. 1 and 12.
Over gently rolling land, through scattering timber and
undergrowth.

Asc. gradual E. slope.
Intersect E. bdy. of Hualpai Indian Reservation, 18.24
chs. S. of the 102 mile cor., which is a quartzite
properly set, mkd. and witnessed as described by the
Surveyor General. At this cor. I take the following
bearing tree.

A cedar, 10 ins. diam., brs. S. 40 3/4° W.
250 lks. dist. mkd. H I R 102 M B T.

At the point of intersection,
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for closing cor. of T. 29 N. secs. 1 and 12, mkd.
on brass cap

T29N
R 6W
HIR | S 1 C C
 | S12
 | 1917

from which,
A cedar, 12 ins. diam., brs. S. 67 1/4° E.
307 lks. dist. mkd. T 29 N R 6 W S 12 C C B T.

No other trees within limits.
Dig pits, 24 X 18 X 12 ins., crosswise on each line,
N. and S. 3 ft. and E. 7 ft. dist.

Land, gently rolling.
Soil, sandy clay, 1st rate.
Timber, scattering cedar.
Undergrowth, sagebrush and algerita.
Grass.

Note:- At the 101 1/2 mile cor. I take the following bearing
tree.

Chains

A cedar, 18 ins. diam., brs. S. 34° W.
235 lks. dist. mkd. H I R 101 1/2 M B T.

GENERAL DESCRIPTION.

The portion of this township lying outside the Hualpai Indian Reservation consists of level and gently rolling land, covered with a scattering growth of cedar and pinion timber and sagebrush and algerita undergrowth. The soil is sandy clay, 1st and 2nd rates, gravelly and stony in places.

There is no water in the subdivided portion, nor are there any settlers or improvements of any kind.

Boundaries of Portion of T. 29 N., R. 6 W., lying outside the Hualpai Indian Reservation.

Latitudes, departures and closing errors.

		chs.	Latitudes.		Departures.	
			chs.	chs.	chs.	chs.
South Boundary.	West.	35.70				35.70
West Boundary (Hualpai Indian Reservation)	North.	478.49	478.49			
North Boundary.	East.	35.43			35.43	
East Boundary	South.	480.00		480.00		
Convergency.					.04	
Totals.			478.49	480.00	35.47	35.70
Error in latitude				478.49	1.51	
Error in departure						.23

Book "G"

Group 53 - - - Arizona.
Township 29 N., R. 5 West
Township 29 N., R. 6 West.

BOOK 3067

DATE DIAGRAM.

EAST BDY. OF HUALPAI INDIAN RESERVATION	1	6	5	4	3	2	1
	2-28-17	3-1-17	3-3-17	3-3-17	3-5-17	3-5-17	
	12	7	8	9	10	11	12
	2-28-17	2-28-17	3-1-17	3-2-17	3-2-17	3-5-17	3-5-17
	13	18	17	16	15	14	13
	2-27-17	2-28-17	2-27-17	3-2-17	3-2-17		
	24	19	20	21	22	23	24
		2-24-17	2-26-17	3-2-17			
25	30	29	28	27	26	25	
		2-23-17	2-24-17	2-26-17			
36	31	32	33	34	35	36	
		2-23-17					

6-2764

Surveys executed on dates shown on above diagram by Heber P. Purington, U.S. Transitman.

For names and duties of assistants to Heber P. Purington, U. S. Transitman, see Book "A".

CERTIFICATE OF UNITED STATES TRANSITMAN,

BOOK 3067

I, Heber P. Purington, U.S. Transitman, 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, surveyed all those parts or portions of the

Subdivision lines of

TOWNSHIP 29 NORTH, RANGE 5 WEST,

of the Gila and Salt

River Base & 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 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 such survey.

Heber P. Purington
U. S. Transitman. 1-11-18

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

, 191

The foregoing field notes of the survey of

executed by

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

U. S. Surveyor General.

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

U. S. Surveyor General.

Book "G"

Group 53 - - - Arizona.
Township 29 N., R. 5 West
Township 29 N., R. 6 West.

BOOK 3007

DATE DIAGRAM.

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

EAST BDY. HUALPAI INDIAN RES.

Surveys executed on dates shown on above diagram, by W.H. Thorn, U.S. Surveyor,

For names and duties of assistants to W. H. Thorn, U. S. Surveyor, see Book "F".

CERTIFICATE OF UNITED STATES SURVEYOR.

I, W. H. Thorn, 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, surveyed all those parts or portions of of the West and North boundaries and Subdivision lines and Retracement of a portion of the East Boundary of T TOWNSHIP 29 NORTH, RANGE 5 WEST, and North boundary and Subdivision lines of TOWNSHIP 29 NORTH, RANGE 6 WEST, of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes [^]as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Group 53, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey and retracement.

W. H. Thorn
U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, October 25, 1918.

The foregoing field notes of the survey of the West and North boundaries, and Subdivision lines and Retracement of a Portion of the East Boundary of TOWNSHIP 29 NORTH, RANGE 5 WEST, and Fracl. North boundary, and Fracl. Subdivision lines of TOWNSHIP 29 NORTH, RANGE 6 WEST,

of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by W. H. Thorn, U. S. Surveyor, and Heber P. Purington, U. S. Transitman, under ~~his~~ special instructions dated March 4, 1915, for Group 53, Arizona, ~~and~~ having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys [^]retracement & they describe, are hereby approved.

James D. Frank
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.