

JAN 17 1918

FIELD NOTES

RE-
OF THE SURVEY OF THE

East boundary,

and SURVEY of

West and North boundaries, and

Subdivision lines of

TOWNSHIP 30 NORTH, RANGE 5 WEST,

and

Retracement of a Portion of the East Boundary of the Hualpai Indian
Reservation

and Survey of

Frac. North boundary, and

Frac. Subdivision lines of

TOWNSHIP 30 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,

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

Resurvey & Survey commenced March 3, 1917.

Resurvey & Survey completed March 19, 1917.

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

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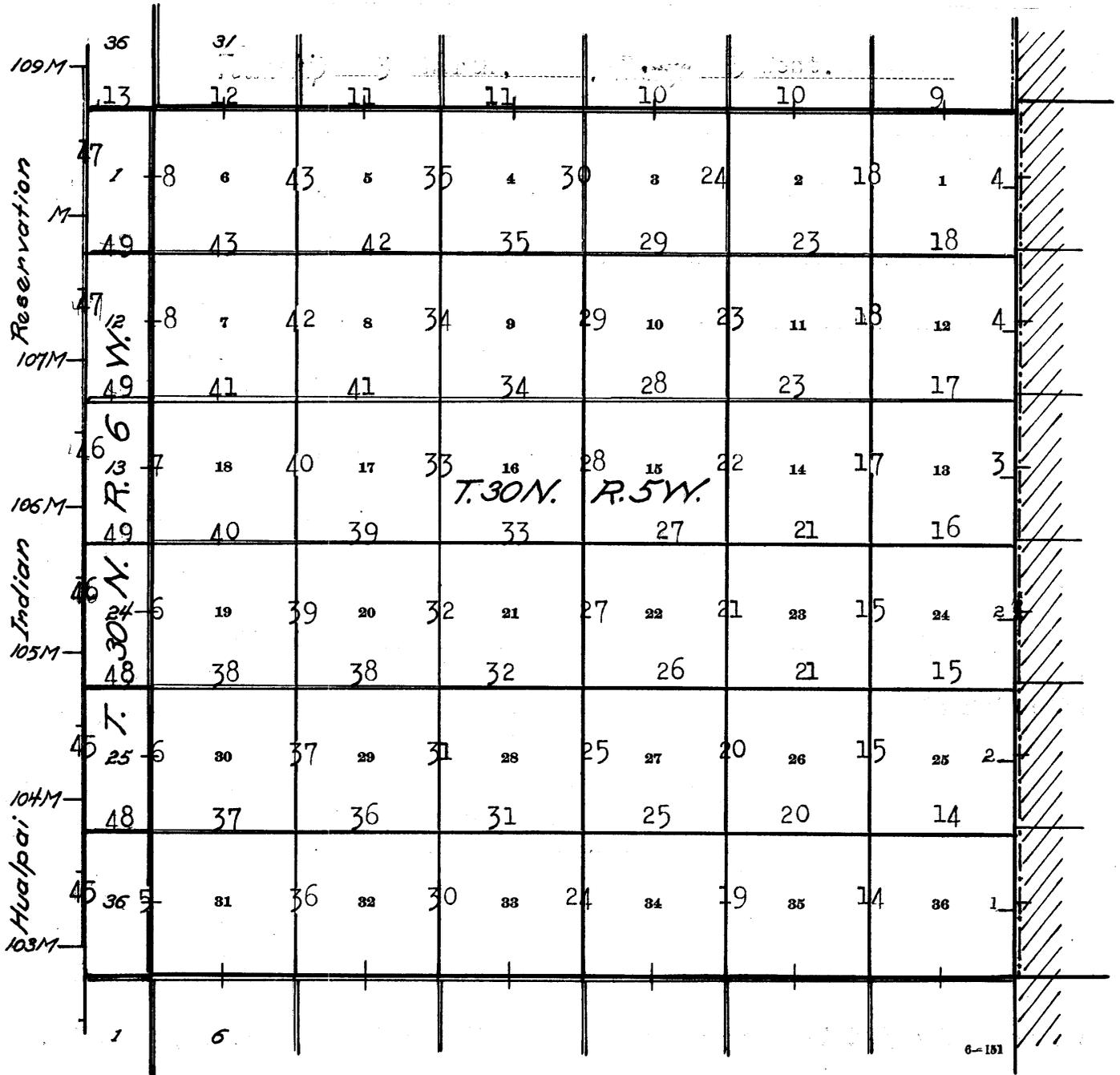
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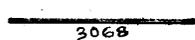
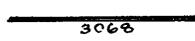
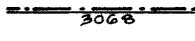
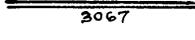
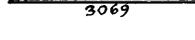
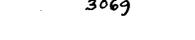
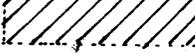
Book "H"

Group 53 - - - Arizona.

BOOK 3068

INDEX DIAGRAM.



-  3068 Lines retraced under this Group. Notes in this Book.
-  3068 Lines surveyed under this Group. Notes in this book.
-  3068 Lines resurveyed under this Group. Notes in this book.
-  3067 Lines surveyed under this Group. Notes in book "G".
-  3069 Lines surveyed under this Group. Notes in Book "I".
-  3069 Lines resurveyed under this Group. Notes in book "I".
-  Accepted surveys.
-  Area subdivided as per accepted plats on file.

Retracement of a Portion of the East Boundary of Hualpai Indian Reservation.

Resurvey of E. Bdy. of T. 30 N., R. 5 W.
 Survey of N. and W. Bdys. of T. 30 N., R. 5 W.
 Frac'l. N. Bdy. of T. 30 N., R. 6 W.
 Subdivision of T. 30 N., R. 5 W.
 Frac'l. Subdivision of T. 30 N., R. 6 W.

BOOK 3068

13

Chains

Survey executed by W. H. Thorn, U. S. Surveyor, using a Young and Sons light mountain transit No. 8592, with Smith solar attachment, and Heber P. Purington, U. S. Transitman, using a Young and Sons light mountain Transit No. 8533, with Smith solar attachment.

For complete description of transits and solar attachments together with a record of approval, see beginning of notes in books "A" and "G".

Examination of the adjustments of the transits was made, and level and collimation errors corrected. From recent and repeated field tests of the solar attachments on a meridian established by observations on Polaris, they are known to be in satisfactory adjustment. For a record of tests, see beginning of notes in books "A" and "G".

During the surveys, frequent tests were made to insure the accuracy of the solar attachments.

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

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Resurvey of E. bdy. of T. 30 N., R. 5 W.

From the cor. of Ts. 29 and 30 N., Rs. 4 and 5 W., described in book "G",

40.00 N. 0° 5' E. on E. bdy. of sec. 36.
 Over gently rolling land, through scattering undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

S36
 1917

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

The 1/4 sec. cor. of sec. 31, T. 30 N., R. 4 W., which is a limestone, properly set, mkd. and witnessed as described by the Surveyor General. I chisel S31 on E. face and obliterate the markings on W. face.

55.10 Draw, course N. 30° E.
 55.30 Road brs. N. 30° E. to Hualpai Indian Village and S. 30° W.
 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. 25 and 36, mkd. on brass cap

T30N
 S25
 S36
 R 5W
 1917

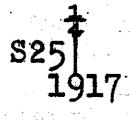
and raise a mound of stone, 4 ft. base, 2 ft. high, W. of cor.

Land, gently rolling.
 Soil, 2nd rate.
 No timber.
 Undergrowth, sagebrush.

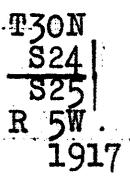
Resurvey of E. bdy. of T. 30 N., R. 5 W.

Chains

.22 N. 0° 5' E. on E. bdy. of sec. 25.
 Over gently rolling land, through scattering undergrowth.
 The original cor. of secs. 25, 30, 31 and 36, which is a
 limestone, properly set, mkd. and witnessed as de-
 scribed by the Surveyor General. I destroy pits W.
 of line, and dig pits, 24 X 24 X 12 ins. on NE. and SE.
 of post, 6 ft. dist. making cor. common to secs. 30 and
 31. Thence over general E. slope. (31, T. 30 N., R. 4 W.)
 27.22 Draw, course E.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

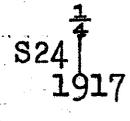


and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor.
 40.32 The original $\frac{1}{4}$ sec. cor., which is a limestone, properly
 set, mkd. and witnessed as described by the Surveyor
 General. I mark $\frac{1}{4}$ S30 on E. face and obliterate markings
 53.90 Draw, course E. (on W. face.)
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 24 and 25, mkd. on brass cap



and raise a mound of stone, 3 ft. base, 1½ ft. high,
 W. of cor.
 Land, gently rolling.
 Soil, 2nd rate.
 No timber.
 Undergrowth, sagebrush.

.41 N. 0° 5' E. on E. bdy. of sec. 24.
 Over gently rolling land, through scattering undergrowth.
 The original cor. of secs. 19, 24, 25 and 30, which is a
 limestone, properly set, mkd. and witnessed as de-
 scribed by the Surveyor General. I destroy pits, W.
 of line, and dig pits, 24 X 24 X 12 ins. on NE. and SE.
 of post, 6 ft. dist. making cor. common to secs. 19
 and 30, T. 30 N., R. 5 W.
 Thence continue measurement
 N. 0° 4' E.
 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



and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor.
 40.52 The original $\frac{1}{4}$ sec. cor., which is a limestone, properly
 set, mkd. $\frac{1}{4}$ 24 on W. and 19 on E. face, (I destroy
 the marks on W. face of stone) and witnessed as de-
 scribed by the Surveyor General. I mark $\frac{1}{4}$ S19 on E. face.
 41.72 Draw, course E.
 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.
 13 and 24, mkd. on brass cap

Resurvey of the East Boundary of T. 30 N., R. 5 W. 3.

Chains.

T30N
S13
S24
R 5W
1917

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, gently rolling.
Soil, 2nd rate.
Timber, scattering scrub cedar.
Undergrowth, sagebrush.

.62
25.60
40.00

N.0°4'E., on E. bdy. of sec. 13.
Over gently rolling land, through scattering timber and undergrowth.
The original cor. of secs. 13, 18, 19 and 24, which is a limestone, properly set, marked and witnessed as described by the Surveyor-General. I destroy pits W. of line, and dig pits, 24 X 24 X 12 ins., NE. and SE. of post, 6 ft. dist., making the cor. common to secs 18 and 19, T. 30 N., R. 4 W.
Thence continue measurement North.
Asc. gradual S. slope.
Top of ascent, brs. E. and W.
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

$\frac{1}{4}$
S13
1917

40.71
42.40
80.00

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
The original $\frac{1}{4}$ sec. cor., which is a limestone, properly set, marked $\frac{1}{4}$ on W. face and 18 on E. face, and witnessed as described by the Surveyor-General. I obliterate the markings on the W. face of stone and chisel $\frac{1}{4}$ S18 on E. face.
Thence continue measurement N.0°9'W.
Head of draw, course N.70°E.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in a mound of stone, for cor. of secs. 12 and 13, marked on brass cap

T30N
S12
S13
R 5W
1917

from which
A cedar, 8 ins. diam., brs. S.18°W.,
97 lks. dist., marked T30N R5W S13 BT.
A cedar, 6 ins. diam., (old B. T.) brs. N.35°W.,
75 lks. dist., marked T30N R5W S12 BT.
Land, gently rolling.
Soil, 2nd rate.
Timber, scattering cedar.
Undergrowth, sagebrush.

4. Resurvey of E. bdy. of T. 30 N., R. 5 W.

Chains.

N.0°9'W., on E. bdy. of sec. 12.
Over gently rolling land, through scattering timber and undergrowth.

.79 The original cor. of secs. 7, 12, 13 and 18, which is a limestone, properly set, marked and witnessed as described by the Surveyor-General. I destroy the bearing tree NW. of cor., making the cor. refer to secs. 7 and 18, T. 30 N., R. 4 W., only.

Thence continue measurement

N.0°14'W.

14.80 Draw, course N.30°E.

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

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

from which

A cedar, 6 ins. diam., brs. S.4°W.,
190 lks. dist., marked $\frac{1}{4}$ S12 BT.

A cedar, 4 ins. diam., brs. N.9 $\frac{3}{4}$ °W.,
140 lks. dist., marked $\frac{1}{4}$ S12 BT.

40.89 The original $\frac{1}{4}$ sec. cor., which is a limestone, properly set, marked $\frac{1}{4}$ on W. and 7 on E. face, and witnessed as described by the Surveyor General. I destroy the bearing tree W. of cor., obliterate the markings on W. face of stone, and mark $\frac{1}{4}$ S7 on E. face.

Thence continue measurement

N.0°9'W.

60.90 Draw, course N.40°E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in a mound of stone, for cor. of secs. 1 and 12, marked on brass cap

T30N
S 1
— S12
R 5W
1917

from which

A cedar, 12 ins. diam., (old B. T.) brs. N.9°W.,
337 lks. dist., marked T30N R5W S1 BT.

No other trees within limits.

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

Land, gently rolling.

Soil, 2nd and 3rd rates.

Timber, scattering cedar.

Undergrowth, sagebrush.

N.0°9'W., on E. bdy. of sec. 1:
Over gently rolling land, through scattering timber and undergrowth.

.98 The original cor. of secs. 1, 6, 7 and 12, which is a limestone, properly set, marked and witnessed as described by the Surveyor-General.

Thence continue measurement

N.0°6'W.

16.00 Draw, course E.

36.00 Draw, course E.

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

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

Resurvey of E. bdy. of T. 30 N., R. 5 W. 5

Chains

from which,
 A cedar, 8 ins. diam., (old B. T.) brs. N. 26 $\frac{1}{2}$ ° W.
 137 lks. dist. mkd. $\frac{1}{4}$ S 1 B T.
 No other trees within limits.
 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 41.08 The original $\frac{1}{4}$ sec. cor., which is a limestone, properly
 set, mkd. $\frac{1}{4}$ on W. and 6 on E. face, and witnessed as
 described by the Surveyor General. I obliterate the
 markings on W. face of stone, and mark $\frac{1}{4}$ S 6 on E. face.
 N. 0° 3' W., continuing measurement,
 66.80 Draw, course N. 30° E.
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the
 ground, for cor. of Ts. 30 and 31 N., R. 5 W., mkd. on
 brass cap

T31N
 R 5W
 S36
 S 1
 T30N
 1917

from which,
 A cedar, 10 ins. diam., (old B. T.) brs. S. 79° W.
 192 lks. dist. mkd. T 30 N R 5 W S 1 B T.
 A cedar, 8 ins. diam., brs. N. 66° W.
 358 lks. dist. mkd. T 31 N R 5 W S 36 B T.
 Land, gently rolling.
 Soil, 2nd rate.
 Timber, cedar.
 Undergrowth, sagebrush.

West Bdy. of T. 30 N., R. 5 W.

From the cor. of T. 29 and 30 N., Rs. 5 and 6 W., de-
 scribed in book "G",
 North bet. secs. 31 and 36.
 Over gently rolling land, through scattering timber and
 undergrowth.
 3.40 Sand, Creek (dry), course S. 10° W.
 32.20 Sand, Creek (dry), course S. 20° E.
 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

$\frac{1}{4}$
 S36 | S31
 1917

from which,
 A cedar, 4 ins. diam., brs. S. 21° W.
 446 lks. dist. mkd. $\frac{1}{4}$ S 36 B T.
 No other trees within limits.
 Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.
 Asc. gradual SW. slope.
 50.00
 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, mkd. on
 brass cap

T30N
 R 6W R 5W
 S36 | S30
 S36 | S31
 1917

from which,
 A cedar, 14 ins. diam., brs. N. 76° 20' E.
 371 lks. dist. mkd. T 30 N R 5 W S 30 B T.

6 West Bdy. of T. 30 N. R. 5 W.

Chains

A cedar, 6 ins. diam., brs. S. 18 $\frac{1}{2}$ ° E.
 347 lks. dist. mkd. T 30 N R 5 W S 31 B T.
 A cedar, 6 ins. diam., brs. S. 70° W.
 417 lks. dist. mkd. T 30 N R 6 W S 36 B T.
 A cedar, 10 ins. diam., brs. N. 78° W.
 309 lks. dist. mkd. T 30 N R 6 W S 25 B T.

Land, gently rolling.
 Soil, sandy clay to 50 chs. 1st rate, remainder stony,
 limestone and quartz formation, 3rd rate.
 Timber, cedar.
 Undergrowth, algerita and sagebrush.
 Grass.

40.00 North bet. secs. 25 and 30.
 Over gently rolling land, through scattering timber and
 undergrowth.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
 S25 | S30
 1917

from which,
 A cedar, 12 ins. diam., brs. N. 76° E.
 432 lks. dist. mkd. $\frac{1}{4}$ S 30 B T.

80.00 No other trees within limits.
 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., 12 ins. in the
 ground, in a mound of stone, for cor. of secs. 19,
 24, 25 and 30, mkd. on brass cap

T30N
 R 6W R 5W
 S24 | S19
 S25 | S30
 1917

from which,
 A cedar, 6 ins. diam., brs. N. 42° E.
 93 lks. dist. mkd. T 30 N R 5 W S 19 B T.
 A cedar, 4 ins. diam., brs. S. 51 $\frac{1}{2}$ ° E.
 102 lks. dist. mkd. T 30 N R 5 W S 30 B T.
 A cedar, 5 ins. diam., brs. S. 84° W.
 320 lks. dist. mkd. T 30 N R 6 W S 25 B T.
 A cedar, 6 ins. diam., brs. N. 53 $\frac{1}{2}$ ° W.
 720 lks. dist. mkd. T 30 N R 6 W S 24 B T.

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

20.00 North bet. secs. 19 and 24.
 32.20 Over gently rolling land, through scattering timber and
 undergrowth. Asc. gradual SW. slope.
 40.00 Top of ascent.
 Head of draw, course N. 70° E.
 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

$\frac{1}{4}$
 S24 | S19
 1917

West Boundary of T. 30 N. R. 5 W.

Chains.

from which
 A cedar, 4 ins. diam., brs. S.57°E.,
 342 lks. dist., marked $\frac{1}{4}$ S19 BT.
 A pinion, 12 ins. diam., brs. N.0°15'W.,
 524 lks. dist., marked $\frac{1}{4}$ S24 BT.
 59.30 Draw, course N.70°E.
 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. 13, 18,
 19 and 24, marked on brass cap

T30N	
R6W	R5W
S13	S18
<hr/>	
S24	S19
1917	

from which
 A pinion, 10 ins. diam., brs. N.3 $\frac{1}{4}$ °E.,
 81 lks. dist., marked T30N R5W S18 BT.
 A pinion, 12 ins. diam., brs. S.45°E.,
 179 lks. dist., marked T30N R5W S19 BT.
 A cedar, 10 ins. diam., brs. S.73°W.,
 256 lks. dist., marked T30N R6W S24 BT.
 A cedar, 8 ins. diam., brs. N.40°W.,
 439 lks. dist., marked T30N R6W S13 BT.
 Land, gently rolling.
 Soil, sandy clay, 12 to 18 ins. deep, and rocky and stony,
 limestone formation, 2nd rate.
 Timber, cedar and pinion.
 Undergrowth, algerita and sagebrush.
 Grass.

North bet. secs. 13 and 18.
 Over gently rolling land, through scattering timber and
 undergrowth.
 Desc. gradual NE. slope.
 11.40 Head of draw, course N.40°E.
 30.00 Draw, course N.30°E.
 34.30 Road, brs. N.70°E. to Supai Indian Village and S.70°W. to
 National Tank and Pine Springs.
 40.00 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.

$\frac{1}{4}$	
S13	S18
1917	

from which
 A cedar, 10 ins. diam., brs. S.23 $\frac{1}{2}$ °E.,
 265 lks. dist., marked $\frac{1}{4}$ S18 BT.
 A cedar, 6 ins. diam., brs. N.25 $\frac{1}{2}$ °W.,
 169 lks. dist., marked $\frac{1}{4}$ S13 BT.
 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. 7, 12, 13
 and 18, marked on brass cap

T30N	
R6W	R5W
S12	S 7
<hr/>	
S13	S18
1917	

and raise a mound of stone, 3 ft. base, 2 ft. high, W.
 of cor.
 Land, gently rolling.
 Soil, sandy clay, gravelly and stony, limestone formation,
 3rd rate.
 Timber, scattering cedar and pinion.
 Undergrowth, algerita and sagebrush.

Chains.

Grass.

North bet. secs. 7 and 12.

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 $\frac{1}{4}$ sec. cor., marked on brass cap
$$\begin{array}{c} \frac{1}{4} \\ S12 | S 7 \\ 1917 \end{array}$$
and raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

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

$$\begin{array}{c} T30N \\ R6W | R5W \\ S 1 | S 6 \\ \hline S12 | S 7 \\ 1917 \end{array}$$

from which

A cedar, 18 ins. diam., brs. N.67°E.,
490 lks. dist., marked T30N R5W S6 BT.A cedar, 18 ins. diam., brs. S.62°E.,
350 lks. dist., marked T30N R5W S7 BT.

No other trees within limits.

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, nearly level.

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

Timber, scattering cedar.

Undergrowth, algerita and sagebrush.

Grass.

North bet. secs. 1 and 6.

Over nearly level land, through scattering timber and undergrowth.

1.30 Draw, course N.30°E.

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
$$\begin{array}{c} \frac{1}{4} \\ S 1 | S 6 \\ 1917 \end{array}$$

from which

A cedar, 14 ins. diam., brs. S.11°E.,
116 lks. dist., marked $\frac{1}{4}$ S6 BT.A pinion, 8 ins. diam., brs. S.52°W.,
190 lks. dist., marked $\frac{1}{4}$ S1 BT.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of Ts. 30 and 31 N., Rs. 5 and 6 W., marked on brass cap

$$\begin{array}{c} T31N \\ R6W | R5W \\ S36 | S31 \\ \hline S 1 | S 6 \\ T30N \\ 1917 \end{array}$$

from which

A cedar, 6 ins. diam., brs. S.42°E.,
164 lks. dist., marked T30N R5W S6 BT.A cedar, 8 ins. diam., brs. S.28°W.,
95 lks. dist., marked T30N R6W S1 BT.A pinion, 12 ins. diam., brs. N.60°W.,
541 lks. dist., marked T31N R6W S36 BT.

West Bay of T. 30 N., R. 5 W.

Chains

No other trees within limits.
 Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.
 Land, gently rolling.
 Soil, sandy clay, stony limestone formation, 2nd rate.
 Timber scattering cedar and pinion.
 Undergrowth, algerita, and sagebrush.
 Grass...

North Bay of T. 30 N., R. 5 W.

From the cor. of Ts. 30 and 31 N., R. 5 W., hereinbefore described,
 S. 89° 51' W. on a random line, setting temp. $\frac{1}{4}$ sec. and sec. cors. at intervals of 40 and 80 chs., and at 478.69 chs. intersect a N. and S. line, 4 lks. N. of the cor. of Ts. 30 and 31 N., Rs. 5 and 6 W. hereinbefore described.

Thence from the cor. of Ts. 30 and 31 N., R. 5 W., S. 89° 51' W. on a true line bet. secs. 1 and 36.
 Over gently rolling land, through scattering timber and undergrowth.

Asc. gradual E. slope.
 23.00 Top of ascent, brs. NE. and SW. Desc. gradual NW. 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

$\frac{1}{4}$ S 36
 S I
 1917

from which,
 A cedar, 6 ins. diam., brs. N. 86 $\frac{1}{2}$ ° E.
 148 lks. dist. mkd. $\frac{1}{4}$ S 36 B T.

No other trees within limits.
 40.80 Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 Draw, course N. 40° E.
 Asc. gradual SE. and E. slope.
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 12 ins. in the ground, in a mound of stone, for cor. of secs. 1, 2, 35 and 36, mkd. on brass cap

T31N R 5W
 S35|S36
 S 2 | S 1
 T30N
 .1917

from which,
 A cedar, 10 ins. diam., brs. N. 25 $\frac{1}{2}$ ° E.
 132 lks. dist. mkd. T 31 N R 5 W S 36 B T.
 A cedar, 12 ins. diam., brs. S. 3 $\frac{1}{4}$ ° E.
 464 lks. dist. mkd. T 30 N R 5 W S 1 B T.
 A cedar, 8 ins. diam., brs. S. 44° W.
 301 lks. dist. mkd. T 30 N R 5 W S 2 B T.
 A cedar, 10 ins. diam., brs. N. 20 $\frac{1}{2}$ ° W.
 154 lks. dist. mkd. T 31 N R 5 W S 35 B T.

Land, gently rolling.
 Soil, sandy clay, stony and rocky, limestone formation, 2nd and 3rd rate.
 Timber, scattering cedar.
 Undergrowth, algerita and sagebrush.
 Grass...

10

North Bay. of T. 30 N. R. 5 W.

Chains

S. 89° 51' W. bet. secs. 2 and 35.
 Over gently rolling land, through scattering timber and undergrowth.
 Asc. gradual E. slope.
 12.00 Top of ascent.
 20.00 Change to gradual S. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 35
 $\frac{1}{4}$ S 2
 1917

from which,

A cedar, 5 ins. diam., brs. N. 61° E.
 92 lks. dist. mkd. $\frac{1}{4}$ S 35 B T.
 A cedar, 5 ins. diam., brs. S. 65 $\frac{1}{2}$ ° W.
 21 lks. dist. mkd. $\frac{1}{4}$ S. 2 B T.
 47.80 Draw, course S. 20° W.
 59.70 Road brs. N. 70° E. to Supai Indian Village and S. 60° W.
 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. 2, 3, 34 and 35, mkd. on brass cap

T 31 N R 5 W
 S 34 | S 35
 S 3 | S 2
 T 30 N
 1917

from which,

A cedar, 10 ins. diam., brs. N. 37° E.
 108 lks. dist. mkd. T 31 N R 5 W S 35 B T.
 A cedar, 8 ins. diam., brs. S. 53° E.
 126 lks. dist. mkd. T 30 N R 5 W S 2 B T.
 A cedar, 12 ins. diam., brs. S. 83 $\frac{1}{2}$ ° W.
 208 lks. dist. mkd. T 30 N R 5 W S 34 B T.
 A cedar, 14 ins. diam., brs. N. 70° W.
 269 lks. dist. mkd. T 31 N R 5 W S 34 B T.
 Land, gently rolling.
 Soil, sandy clay, stony limestone formation, 3rd rate.
 Timber, cedar.
 Undergrowth, algerita and sagebrush.
 Grass.

S. 89° 51' W. bet. secs. 3 and 34.
 Over gently rolling land, through scattering timber and undergrowth.
 Along gradual S. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 34
 $\frac{1}{4}$ S 3
 1917

from which,

A cedar, 5 ins. diam., brs. S. 84° E.
 210 lks. dist. mkd. $\frac{1}{4}$ S 3 B T.
 A cedar, 5 ins. diam., brs. N. 52 $\frac{1}{2}$ ° W.
 170 lks. dist. mkd. $\frac{1}{4}$ S 34 B T.
 49.60 Draw, course S. 20° E.
 80.00 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

North Boundary of T. 30 N. R. 5 W.

Chains.

T31N R5W	
S33	S34
S 4	S 3
T30N	
1917	

from which

A cedar, 14 ins. diam., brs. N.0°4'E.,
328 lks. dist., marked T31N R5W S34 BT.

No other trees within limits.

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

Land, gently rolling to 40 chs.; remainder nearly level.

Soil, sandy clay, 2nd rate.

Timber, very scattering cedar.

Undergrowth, sagebrush.

Grass.

1.40
40.00

S.89°51'W., bet. secs. 4 and 33.

Over nearly level land, through scattering undergrowth.

Asc. gradual SE. slope.

Draw, course N.60°W.

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

S33	
¼ S	4
1917	

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

50.00

Head of draw, course N.

75.00

Draw, course N.30°W.

80.00

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

T31N R5W	
S32	S33
S 5	S 4
T30N	
1917	

from which

A cedar, 10 ins. diam., brs. S.17½°W.,
291 lks. dist., marked T30N R5W S5 BT.

No other trees within limits.

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

Land, nearly level.

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

Timber, very scattering cedar from 40 to 80 chs.

Undergrowth, sagebrush.

Grass.

17.50
40.00

S.89°51'W., bet. secs. 5 and 32.

Over gently rolling land, through scattering timber and
undergrowth.

Draw, course N.

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

12. North Boundary of T. 30 N., R. 5 W.

Chains.

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

from which

A cedar, 18 ins. diam., brs. N.74 $\frac{1}{2}$ °W.,

577 lks. dist., marked $\frac{1}{4}$ S32 BT.

A cedar, 20 ins. diam., brs. S.65°W.,

290 lks. dist., marked $\frac{1}{4}$ S5 BT.

48.00 Desc. gradual slope to

63.70 Draw, course N.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 12 ins. in the ground, in a mound of stone, for cor. of secs. 5, 6, 31 and 32, marked on brass cap

T31N R5W
S31 | S32
S 6 | S 5
T30N
1917

from which

A cedar, 8 ins. diam., brs. N.68°E.,

274 lks. dist., marked T31N R5W S32 BT.

A cedar, 4 ins. diam., brs. S.81°E.,

159 lks. dist., marked T30N R5W S5 BT.

A cedar, 10 ins. diam., brs. S.24 $\frac{1}{2}$ °W.,

144 lks. dist., marked T30N R5W S6 BT.

No other trees within limits.

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, gently rolling.

Soil, sandy clay, stony, limestone formation, 3rd rate.

Timber, scattering cedar.

Undergrowth, algerita and sagebrush.

Grass.

S.89°51'W., bet. secs. 6 and 31.

Over gently rolling land, through scattering timber and undergrowth.

10.00 Draw, course N.30°E.

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

$\frac{1}{4}$ S31
S 6
1917

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

45.00 Draw, course NE.

78.69 The cor. of Ts. 30 and 31 N., Rs. 5 and 6 W., hereinbefore described.

Land, gently rolling.

Soil, sandy clay, and stony, limestone formation, 1st and 3rd rates.

Timber, scattering cedar.

Undergrowth, algerita and sagebrush.

Grass.

Frac'l. North Bdy. of T. 30 N., R. 6 W. 13.

Chains.

34.68

From the cor. of Ts. 30 and 31 N., R. 5 and 6 W., here-
 inbefore described,
 West on N. bdy. of sec. 1.
 Over gently rolling land, through scattering timber and
 undergrowth.
 Asc. gradual NE. slope.
 Intersect E. bdy. of Hualpai Indian Reservation, 20.37
 chs. S.0°3'W. of the 109 mile cor., which is a lime-
 stone, hereinafter described.
 At the point of intersection,
 Set an iron post, 3 ft. long, 3 ins. diam., 12 ins. in the
 ground, in a mound of stone, for closing cor. of Tps.
 30 and 31 N., R. 6 W., marked on brass cap.

T31N
R6W
S36
S 1 CC
T30N
1917

from which

A cedar 7 ins. diam., brs. N.9½°E.,
 302 lks. dist., marked T31N 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, stony limestone formation, 2nd rate.
 Undergrowth, sagebrush and algerita.
 Timber, scattering cedar and pinion:
 Grass.

14. Subdivision of T. 30 N., R. 5 W.

Chains.

From the cor. of secs. 1, 2, 35 and 36, S. bdy. of Tp., described in Book "G", N.0°1'W., bet. secs. 35 and 36. Over gnetly rolling land, through scattering undergrowth. Along gradual E. 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

$\frac{1}{4}$
 S35 | S36
 1917

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

65.00 Enter scattering cedar, brs. NE. and W.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked on brass cap

T30N R5W
 S26 | S25
 S35 | S36
 1917

from which

- A cedar, 3 ins. diam., brs. N.75°E., 299 lks. dist., marked T30N R5W S25 BT.
- A cedar, 6 ins. diam., brs. S.83 $\frac{1}{4}$ °W., 154 lks. dist., marked T30N R5W S35 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, sandy clay, limestone formation, 2nd rate.
Timber, scattering cedar.
Undergrowth, sagebrush.
Grass.

40.00 East on a random line, bet. secs. 25 and 36.
80.00 Set temp. $\frac{1}{4}$ sec. cor
Intersect E. bdy. of Tp., 26 lks. S. of the cor. of secs. 25 and 36, hereinbefore described.

Thence S.89°49'W., on a true line, bet. secs. 25 and 36. Over gently rolling 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., marked on brass cap

$\frac{1}{4}$ S25
 S36
 1917

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

55.20 Draw, course S.40°E. Thence over gradual SE. slope.
80.00 The cor. of secs. 25, 26, 35 and 36.

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

Subdivision of T. 30 N., R. 5 W.

15

Chains

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

15.00
40.00

Along gradual E. and SE. slope.
Head of draw, course SE.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

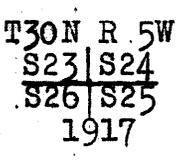


from which,

- A cedar, 5 ins. diam., brs. N. 21 1/2° E.
487 lks. dist. mkd. 1/4 S 25 B T.
- A cedar, 4 ins. diam., brs. S. 88 1/2° W.
296 lks. dist. mkd. 1/4 S 26 B T.

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. 23, 24, 25 and 26, mkd. 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, limestone formation, 2nd rate.
Timber, scattering cedar.
Undergrowth, sagebrush and algerita.
Grass.

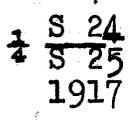
40.00
80.14

East on a random line bet. secs. 24 and 25.
Set temp. 1/4 sec. cor.
Intersect E. bdy. of Tp., 26 lks. S. of cor. of secs. 24 and 25, hereinbefore described.

Thence
S. 89° 49' W. on a true line bet. secs. 24 and 25.
Over nearly level land, through very scattering cedar timber and undergrowth.

40.07

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 cedar, 8 ins. diam., brs. N. 55 1/2° E.
277 lks. dist. mkd. 1/4 S 24 B T.

No other trees within limits.
Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.
The cor. of secs. 23, 24, 25 and 26.
Land, nearly level.
Soil, sandy clay, limestone formation, 2nd rate.
Timber, very scattering cedar.
Undergrowth, algerita and sagebrush.
Grass.

80.14

N. 0° 1' W. bet. secs. 23 and 24.
Over nearly level land, through scattering timber and undergrowth.

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

16

Subdivision of T. 30 N. R. 5 W.

Chains

$$\begin{array}{c} \frac{1}{4} \\ \hline S23 | S24 \\ \hline 1917 \end{array}$$

from which,

A cedar, 8 ins. diam., brs. S. $21\frac{1}{2}^\circ$ E.

403 lks. dist. mkd. $\frac{1}{4}$ S 24 B T.

A cedar, 10 ins. diam., brs. S. $50\frac{1}{2}^\circ$ W, (dead)

320 lks. dist. mkd. $\frac{1}{4}$ S 23 B T.

48.30

Draw, course E.

80.00

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

$$\begin{array}{c} T30N R 5W \\ \hline S14 | S13 \\ \hline S23 | S24 \\ \hline 1917 \end{array}$$

from which,

A cedar, 6 ins. diam., brs. N. 86° E.

120 lks. dist. mkd. T 30 N R 5 W S 13 B T.

A cedar, 4 ins. diam., brs. S. $42\frac{1}{2}^\circ$ E.

229 lks. dist. mkd. T 30 N R 5 W S 24 B T.

A cedar, 6 ins. diam., brs. S. 75° W.

204 lks. dist. mkd. T 30 N R 5 W S 23 B T.

A cedar, 8 ins. diam., brs. N. $18\frac{1}{2}^\circ$ W.

213 lks. dist. mkd. T 30 N R 5 W S 14 B T.

Land, nearly level to 40 chs., remainder gently rolling. Soil, sandy clay and stony, limestone and sandstone formation 2nd and 3rd rate.

Timber, scattering cedar.

Undergrowth, algerita and sagebrush.

Grass.

40.00

East on a random line bet. secs. 13 and 24.

80.30

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

Intersect E. bdy. of Tp., 23 lks. S. of cor. of secs. 13 and 24, hereinbefore described.

Thence

S. $89^\circ 50'$ W. on a true line bet. secs. 13 and 24.

Over nearly level land, through scattering timber and undergrowth.

40.15

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

$$\begin{array}{c} \frac{1}{4} S 13 \\ \hline \frac{1}{4} S 24 \\ \hline 1917 \end{array}$$

from which,

A cedar, 10 ins. diam., brs. N. 50° E.

204 lks. dist. mkd. $\frac{1}{4}$ S 13 B T.

A cedar, 6 ins. diam., brs. S. $56\frac{3}{4}^\circ$ W.

320 lks. dist. mkd. $\frac{1}{4}$ S 24 B T.

Asc. gradual SE. slope.

50.30

Thence over nearly level land.

80.30

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

Land, gently rolling and nearly level.

Soil, sandy clay, limestone formation, 3rd rate.

Timber, scattering cedar.

Undergrowth, algerita and sagebrush.

Grass.

Chains

N. 0° 1' W. bet. secs. 13 and 14.
Over nearly level land, through very scattering timber and undergrowth.

7.00 Enter basin and cross E. side. Basin is about 35 chs. in diameter.

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
S14 | S13
1917

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

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

T30N R 5W
S11 | S12
S14 | S13
1917

from which,

A cedar, (dead) 12 ins. diam., brs. N. 86° E.
373 lks. dist. mkd. T 30 N R 5 W S 12 B T.

A cedar, 5 ins. diam., brs. N. 38° W.
458 lks. dist. mkd. T 30 N R 5 W S 11 B T.

No other trees within limits.

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, nearly level.

Soil, sandy clay, 1st rate to 40 chs., remainder, stony, sandstone formation, 2nd rate.

Timber, very scattering cedar.

Undergrowth, algerita and sagebrush.

Grass.

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

80.30 Set temp. 1/4 sec. cor.

Intersect E. bdy. of Tp., 23 lks. S. of cor. of secs. 12 and 13 hereinbefore described.

Thence

S. 89° 50' W. on a true line bet. secs. 12 and 13.

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

39.80 Draw, course N. 50° E.

40.15 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, in a mound of stone, for 1/4 sec. cor., mkd. on brass cap

1/4 S 12
S 13
1917

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

70.30 Asc. gradual E. slope.

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

Land, gently rolling.

Soil, sandy clay, stony and rocky, sandstone and limestone formation, 3rd rate.

Timber, very scattering cedar.

Undergrowth, algerita and sagebrush.

Grass.

18

Subdivision of T. 30 N. R. 5 W.

Chains

N. 0° 1' W. bet. secs. 11 and 12.

Over gently rolling land, through very 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
$$\begin{array}{c} \frac{1}{4} \\ \text{S11} | \text{S12} \\ 1917 \end{array}$$

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

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, in a mound of stone, for cor. of secs. 1, 2, 11 and 12, mkd. on brass cap

$$\begin{array}{c} \text{T30N R 5W} \\ \text{S 2} | \text{S 1} \\ \text{S11} | \text{S12} \\ 1917 \end{array}$$

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

Land, gently rolling.

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

Timber, very scattering cedar.

Undergrowth, algerita and sagebrush.

Grass.

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

40.00 Set temp. $\frac{1}{4}$ sec. cor.80.08 Intersect E. bdy. of Tp., 2 $\frac{3}{4}$ lks. S. of cor. of secs. 1, and 12, hereinbefore described.

Thence

S. 89° 50' W. on a true line bet. secs. 1 and 12.

Over gently rolling land, through scattering timber and undergrowth.

40.04 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
$$\begin{array}{c} \frac{1}{4} \text{ S } 1 \\ \text{S } 12 \\ 1917 \end{array}$$

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

63.00 Desc. gradual W. slope.

80.08 The cor. of secs. 1, 2, 11 and 12.

Land, gently rolling.

Soil, sandy clay, stony and rocky, limestone formation, 3rd rate.

Timber, scattering cedar.

Undergrowth, algerita and sagebrush.

Grass.

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

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

79.94 Intersect N. bdy. of Tp.; 6 lks. W. of cor. of secs. 1, 2, 35 and 36, hereinbefore described.

Thence

S. 0° 2' W. on a true line bet. secs. 1 and 2.

Over nearly level land, through scattering timber and undergrowth.

20.00 Draw, course N. 70° E.

Subdivision of T. 30 N., R. 5 W.

Chains.

39.94 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



from which

A cedar, 6 ins. diam., brs. N.77°E., 325 lks. dist., marked $\frac{1}{4}$ S1 BT.

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

Thence over W. and SW. slopes.

79.94 The cor. of secs. 1, 2, 11 and 12. Land, nearly level.

Soil, sandy clay, stony, limestone formation, 3rd rate.

Timber, scattering cedar.

Undergrowth, algerita and sagebrush.

Grass.

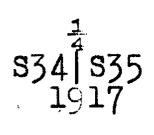
From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of Tp., described in Book "G", N.0°1'W., bet. secs. 34 and 35.

Over gently rolling land, through scattering timber and undergrowth.

Asc. gradual SE. slope.

10.00 Change to E. and NE. slopes.

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



from which

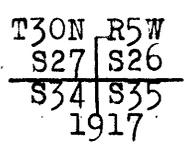
A cedar, 5 ins. diam., brs. S.10 $\frac{1}{2}$ °E., 258 lks. dist., marked $\frac{1}{4}$ S35 BT.

A cedar, 5 ins. diam., brs. S.24 $\frac{1}{2}$ °W., 388 lks. dist., marked $\frac{1}{4}$ S34 BT.

45.00 Draw, course N.40°E.

60.00 Timber becomes very scattering.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, marked on brass cap



from which

A cedar, (dead) 8 ins. diam., brs. N.26°E., 95 lks. dist., marked T30N R5W S26 BT.

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

Land, gently rolling.

Soil, sandy clay, sandstone formation, 2nd rate and stony, 3rd rate.

Timber, scattering cedar.

Undergrowth, algerita and sagebrush.

Grass.

20.

Subdivision of T. 30 N., R. 5 W.

Chains.

40.00 East on a random line, bet. secs. 26 and 35.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.20 Intersect N. and S. line, 25 lks. S. of the cor. of secs. 25, 26, 35 and 36.
 Thence
 S. $89^{\circ}49'$ W., on a true line, bet. secs. 26 and 35.
 Over gently rolling land, through scattering timber and undergrowth.
 Asc. gradual E. slope.
 20.00 Desc. gradual SW. slope.
 40.10 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

$\frac{1}{4}$ S26
 $\frac{1}{4}$ S35
 1917

from which

A cedar, 6 ins. diam., brs. S. 23° E.,
 299 lks. dist, marked $\frac{1}{4}$ S35 BT.
 No other trees within limits. Dig pits, 18 X 18 X 12 ins. E. and W. of post, 3 ft. dist.
 57.80 Center of draw, 4 chs. wide, course S. 20° E.
 Thence over gradual NE. slope to
 80.20 The cor. of secs. 26, 27, 34 and 35.
 Land, gently rolling.
 Soil, sandy clay, stony limestone and sandstone formation, 2nd rate.
 Timber, very scattering cedar.
 Undergrowth, algerita and sagebrush.
 Grass.

N. $0^{\circ}1'$ W., bet. secs. 26 and 27.
 Over gently rolling land, through very scattering timber and undergrowth. Gradual NE. slope.

9.00 Draw, course E.
 19.40 Draw, course S. 60° E.
 35.00 Asc. SW. 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

$\frac{1}{4}$ S27 | S26
 1917

from which

A cedar, 8 ins. diam., brs. N. 45° E.,
 278 lks. dist., marked $\frac{1}{4}$ S26 BT.
 No other trees within limits. Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 65.00 Top of ascent. Thence over gently rolling land.
 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. 22, 23, 26 and 27, marked on brass cap

T30N R5W
 $\frac{1}{4}$ S22 | S23
 $\frac{1}{4}$ S27 | S26
 1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, gently rolling.
 Soil, sandy clay, 1st rate to 35 chs.; remainder, stony limestone and quartz formations, 3rd rate.
 Timber, very scattering cedar.
 Undergrowth, algerita and sagebrush.
 Grass.

Subdivision of T. 30 N., R. 5 W.

Chains

40.00 East on a random line bet. secs. 23 and 26.
 Set temp. 1/4 sec. cor.
 80.08 Intersect N. and S. line, 25 lks. S. of cor. of secs.
 23, 24, 25 and 26.
 Thence
 S. 89° 49' W. on a true line bet. secs. 23 and 26.
 Over nearly level land, through scattering timber and
 undergrowth.
 40.04 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for 1/4 sec. cor., mkd. on brass cap

1/4 S 23
 1/4 S 26
 1917

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
 dist.
 45.00 Head of draw, course NE.
 Thence over gradual N. and NE. slope.
 80.08 The cor. of secs. 22, 23, 26 and 27.
 Land, nearly level.
 Soil, sandy clay, 1st rate.
 Timber, very scattering cedar.
 Undergrowth, algerita and sagebrush.
 Grass.

N. 0° 1' W. bet. secs. 22 and 23.
 Over nearly level land, through very scattering timber
 and undergrowth.
 Over general NE. slope.
 19.00 Draw, near head, course 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

S 22 S 23
 1917

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
 dist.
 60.00 Draw, course N. 50° E.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 14, 15, 22 and 23, mkd. on
 brass cap

T30N R 5W
 S15 S14
 S22 S23
 1917

and raise a mound of stone, 3 ft. base, 2 ft. high,
 W. of cor.
 Land, nearly level.
 Soil, sandy clay, stony, limestone and sandstone formation,
 2nd rate.
 Timber, very scattering cedar.
 Undergrowth, sagebrush.
 Grass.

40.00 East on a random line bet. secs. 14 and 23.
 Set temp. 1/4 sec. cor.
 80.04 Intersect N. and S. line, 23 lks. S. of cor. of secs.
 13, 14, 23 and 24, mkd. on brass cap

Chains

S. 89° 50' W. on a true line bet. secs. 14 and 23.
Over nearly level land, through very scattering timber and undergrowth.

40.02 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

$\frac{1}{4}$ S 14
S 23
1917

from which,

A cedar, 6 ins. diam., brs. S. 18° E.
157 lks. dist. mkd. $\frac{1}{4}$ S 23 B T.

No other trees within limits.

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

50.00 Draw, course N. 40° E.

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

Land, nearly level.

Soil, sandy clay, limestone formation, 2nd and 3rd rate.

Timber, very scattering cedar.

Undergrowth, sagebrush.

Grass.

N. 0° 1' W. bet. secs. 14 and 15.

Over nearly level land, through scattering timber and undergrowth.

Desc. gradual NE. slope.

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

$\frac{1}{4}$
S15 | S14
1917

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

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

T30N R 5W
S10 | S11
S15 | S14
1917

from which,

A cedar, 12 ins. diam., brs. N. 19 $\frac{1}{2}$ ° E.

445 lks. dist. mkd. T.30 N R 5 W S 11 B T.

A cedar, 12 ins. diam., (dead) brs. S. 77 $\frac{1}{2}$ ° E.

349 lks. dist. mkd. T 30 N R 5 W S 14 B T.

A cedar, 10 ins. diam., brs. S. 57° W.

247 lks. dist. mkd. T 30 N R 5 W S 15 B T.

A cedar, 8 ins. diam., brs. N. 1° W.

418 lks. dist. mkd. T 30 N R 5 W S 10 B T.

Land, nearly level.

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

Timber, scattering cedar.

Undergrowth, sagebrush.

Grass.

Chains

East on a random line bet. secs. 11 and 14.
 40.00 Set temp. $\frac{1}{4}$ sec. cor..
 80.02 Intersect N. and S. line, 23 lks. S. of cor. of secs.
 11, 12, 13 and 14.
 Thence
 S. $89^{\circ} 50'$ W. on a true line bet. secs. 11 and 14.
 Over nearly level land, through scattering timber and under-
 growth.
 30.00 Draw, course N. 10° W.
 40.01 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

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

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
 dist.
 Thence over gradual NE. slope.
 80.02 The cor. of secs. 10, 11, 14 and 15.
 Land, nearly level.
 Soil, sandy clay, limestone formation, 2nd rate.
 Timber, very scattering cedar.
 Undergrowth, sagebrush, and algerita.
 Grass.

N. $0^{\circ} 1'$ W. bet. secs. 10 and 11.
 Over nearly level land, through very scattering timber
 and undergrowth.
 8.00 Center of small basin, 8 chs. diam.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

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

from which,
 A cedar, 8 ins. diam., brs. N. $63\frac{1}{2}^{\circ}$ W.
 443 lks. dist. mkd. $\frac{1}{4}$ S 10 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. 2, 3, 10 and 11, mkd. on
 brass cap

$$\begin{array}{c} \text{T30N R. 5 W} \\ \text{S } 3 | \text{S } 2 \\ \text{S10} | \text{S11} \\ 1917 \end{array}$$

dig pits, 18 X 18 X 12 ins., in each sec, $5\frac{1}{8}$ ft. dist.
 Land, nearly level.
 Soil, sandy clay, stony limestone formation, 2nd rate.
 Timber, very scattering cedar.
 Undergrowth, algerita and sagebrush.
 Grass.

East on a random line bet. secs. 2 and 11.
 40.00 Set temp. $\frac{1}{4}$ sec. cor..
 80.02 Intersect N. and S. line, 23 lks. S. of cor. of secs.
 1, 2, 11 and 12.
 Thence
 S. $89^{\circ} 50'$ W. on a true line bet. secs. 2 and 11.
 Over nearly level land, through scattering timber and
 undergrowth.

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

$\frac{1}{4}$ S 2.
S 11
1917

from which,

A cedar, 11 ins. diam., brs. N. 4° W.
229 lks. dist. mkd. $\frac{1}{4}$ S 2 B T.

A cedar, (dead) 5 ins. diam., brs. S. 82 $\frac{1}{2}$ ° E.
39 lks. dist. mkd. $\frac{1}{4}$ S 11 B T.

Desc. gradual W. slope.

75.00 Draw, course NW.

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

Land, nearly level.

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

Timber, very scattering cedar.

Undergrowth, algerita and sagebrush.

Grass.

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

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

79.96 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 nearly level land, through scattering timber and undergrowth.

17.90 Road brs. NE. and SW.

Desc. gradual SW. slope.

39.96 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 3 | S 2
1917

from which,

A cedar, 8 ins. diam., brs. S. 69° W.
389 lks. dist. mkd. $\frac{1}{4}$ S 3 B T.

No other trees within limits.

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

69.00 Draw, course, N. 30° W.

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

Land, nearly level.

Soil, sandy clay, 1st rate.

Timber, very scattering cedar.

Undergrowth, sagebrush.

Grass.

From the cor. of secs. 3, 4, 33 and 34, S. bdy. of Tp., described in book "G",

N. 0° 2' W. bet. secs. 33 and 34.

Over gently rolling land, through scattering timber and undergrowth.

Asc. gradual S. slope.

10.00 Top of ascent, brs. E. and W. Desc. gradual N. slope.

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

$\frac{1}{4}$
S 33 | S 34
1917

Chains

from which,
 A cedar, 6 ins. diam., brs. S. 63° 40' E.
 210 lks. dist. mkd. $\frac{1}{4}$ S 34 B T.
 A cedar, 8 ins. diam., brs. S. 28° 10' W.
 180 lks. dist. mkd. $\frac{1}{4}$ S 33 B T.
 Draw, course N. 70° E. Asc. gradual SE. slope.
 55.00 Top of ascent.
 62.50 Small draw, course SE. Asc. gradual slope.
 70.00 Top of ridge brs. E. and W. Desc. gradual N. slope.
 78.00 Bottom of draw, 15 chs. wide, course E.
 80.00 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

T30N 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, red loam, 1st rate.
 Timber, scattering cedar.
 Undergrowth, algerita and sagebrush.
 Grass.

40.00 East on a random line bet. secs. 27 and 34.
 80.04 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 23 lks. S. of cor. of secs. 26,
 27, 34 and 35.
 Thence
 S. 89° 50' W. on a true line bet. secs. 27 and 34.
 Over gently rolling land, through scattering timber and
 undergrowth.
 Asc. gradual NE. slope.
 14.50 Draw, course N. 40° E.
 30.00 Enter dense cedar brs. NW. and SE.
 40.02 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 27
 $\frac{1}{4}$ S 34
 1917

from which,
 A cedar, 5 ins. diam. brs. N. 72 $\frac{1}{2}$ ° W.
 100 lks. dist. mkd. $\frac{1}{4}$ S 27 B T.
 A cedar, 4 ins. diam., brs. S. 45° W.
 60 lks. dist. mkd. $\frac{1}{4}$ S 34 B T.
 55.00 Timber becomes scattering.
 60.00 Desc. gradual NW. slope.
 75.00 Head of Draw, course N. 50° E.
 80.04 The cor. of secs. 27, 28, 33 and 34.
 Land, gently rolling.
 Soil, sandy clay, stony sandstone, formation, 2nd rate.
 Timber, cedar.
 Undergrowth, algerita and sagebrush.
 Grass.

27.40 N. 0° 2' W. bet. secs. 27 and 28.
 Over gently rolling land, through scattering timber and
 undergrowth.
 Asc. gradual SE. slope from draw.
 Top of ascent brs. E. and W.
 Desc. gradual slope to

26

Subdivision of T. 30 N., R. 5 W.

Chains

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

$\begin{array}{c} \uparrow \\ \text{S28} | \text{S27} \\ \text{1917} \end{array}$

from which,
 A cedar, 10 ins. diam., brs. N. 14° E.
 68 lks. dist. mkd. $\frac{1}{4}$ S 27 B T.
 A cedar, 9 ins. diam., brs. S. 15° 40' W.
 155 lks. dist. mkd. $\frac{1}{4}$ S 28 B T.

45.00 Timber becomes very scattering.
 50.00 Large draw, course E.
 Asc. gradual slope to
 51.00 Desc. gradual NE. slope.
 80.00 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

T30N R 5W
 $\begin{array}{c} \text{S21} | \text{S22} \\ \text{S28} | \text{S27} \\ \text{1917} \end{array}$

from which,

A cedar, 3 ins. diam., brs. N. 52 $\frac{1}{2}$ ° E.
 120 lks. dist. mkd. T 30 N R 5 W S 22 B T.
 A cedar, 6 ins. diam., brs. S. 35 $\frac{1}{2}$ ° E.
 430 lks. dist. mkd. T 30 N R 5 W S 27 B T.
 A cedar, 8 ins. diam., brs. S. 29 $\frac{1}{2}$ ° W.
 310 lks. dist. mkd. T 30 N R 5 W S 28 B T.
 A cedar, 4 ins. diam., brs. N. 28° W.
 430 lks. dist. mkd. T 30 N R 5 W S 21 B T.

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

40.00 East on a random line bet. secs. 22 and 27.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. and S. line, 20 lks. S. of cor. of secs. 22, 23, 26 and 27.
 Thence
 S. 89° 51' W. on a true line bet. secs. 22 and 27.
 Over nearly level land, through very scattering timber and undergrowth.

35.00 Desc. gradual SW. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 22
 $\frac{1}{4}$ S 27
 1917

from which,

A cedar, 6 ins. diam., brs. N. 76 $\frac{1}{2}$ ° E.
 231 lks. dist. mkd. $\frac{1}{4}$ S 22 B T.
 A cedar, 8 ins. diam., brs. S. 21 $\frac{1}{2}$ ° W.
 130 lks. dist. mkd. $\frac{1}{4}$ S 27 B T.

71.10 Draw, course S. 50° E.
 80.00 The cor. of secs. 21, 22, 27 and 28.
 Land, gently rolling.
 Soil, sandy clay, 1st rate to 35.00 chs., remainder, stony sandstone formation, 3rd rate.

Chains

Timber, very scattering cedar.
Undergrowth, algerita and sagebrush.
Grass.

8.20
40.00

N. 0° 2' W. bet. secs. 21 and 22.
Over gently rolling land, through scattering timber and undergrowth.
Desc. gradual N. slope.
Draw, course SE. Asc. gradual S. slope.
Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
S21 | S22
1917

from which,
A cedar, 8 ins. diam., brs. S. 83° 20' E.
150 lks. dist. mkd. $\frac{1}{4}$ S 22 B T.
A cedar, 6 ins. diam., brs. N. 65° 20' W.
260 lks. dist. mkd. $\frac{1}{4}$ S 21 B T.

50.00
80.00

Asc. gradual S. slope.
Top of ascent. Thence along NW. slope.
Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, in a mound of stone, for cor. of secs. 15, 16, 21 and 23, mkd. on brass cap

T30N R 5W
S16 | S15
S21 | S22
1917

from which,
A cedar, 8 ins. diam., brs. N. 41 $\frac{3}{4}$ ° E.
210 lks. dist. mkd. T 30 N R 5 W S 15 B T.
A cedar, 6 ins. diam., brs. S. 35° 10' E.
120 lks. dist. mkd. T 30 N R 5 W S 22 B T.
A cedar, 7 ins. diam., brs. S. 13° W.
380 lks. dist. mkd. T 30 N R 5 W S 21 B T.
A cedar, 5 ins. diam., brs. N. 54 $\frac{1}{2}$ ° W.
8 lks. dist. mkd. T 30 N R 5 W S 16 B T.

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

40.00
80.00

East on a random line bet. secs. 15 and 22.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, 5 lks. S. of cor. of secs. 14, 15, 22 and 23.
Thence
S. 89° 58' W. on a true line bet. secs. 15 and 22.
Over nearly level land, through very scattering timber and undergrowth.

40.00

Over gradual E. and NE. 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

$\frac{1}{4}$ S 15
S 22
1917

Chains

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

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

Land, nearly level.

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

Timber, scattering cedar.

Undergrowth, algerita and sagebrush.

Grass.

N. 0° 2' W. bet. secs. 15 and 16.

Over nearly level land, through scattering timber and undergrowth.

Asc. gradual slope.

5.00 Top of slope brs. E. and W. Desc. gradual NE. slope.

12.40 Head of draw, course NE.

30.00 Draw, course NW.

40.00 Low knoll bet. draws.

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
S16 | S15
1917

from which,

A cedar, 10 ins. diam., brs. S. 45° 50' E.
130 lks. dist. mkd. 1/4 S 15 B T.

A cedar, 8 ins. diam., brs. S. 85° 50' W.
120 lks. dist. mkd. 1/4 S 16 B T.

Desc. gradual slope from knoll.

60.00 Draw, course NE.

Asc. gradual 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

T30N R 5W
S 9 | S10
S16 | S15
1917

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

Land, gently rolling.

Soil, sandy loam, 2nd rate.

Timber, cedar.

Undergrowth, algerita and sagebrush.

Grass.

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

40.00 Set temp. 1/4 sec. cor.

80.08 Intersect N. and S. line, 3 lks. N. of cor. of secs. 10, 11, 14 and 15.

Thence

N. 89° 59' W. on a true line bet. secs. 10 and 15.

Over nearly level land, through very scattering timber and undergrowth.

40.04 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 10
S 15
1917

from which,

Subdivision of T. 30 N., R. 5 W.

Chains

80.08 A cedar, 6 ins. diam., brs. S. 69° E.
 399 lks. dist. mkd. $\frac{1}{4}$ S 15 B T.
 No other trees within limits.
 Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 Thence over gradual N. and NE. slope.
 The cor. of secs. 9, 10, 15 and 16.
 Land, nearly level.
 Soil, sandy clay, stony limestone formation, 3rd rate.
 Timber, scattering cedar.
 Undergrowth, algerita and sagebrush.
 Grass.

40.00 N. 0° 2' W. bet. secs. 9 and 10.
 Over nearly level land, through scattering timber and
 undergrowth.
 Desc. gradual NE. slope.
 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
 ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd. on
 brass cap

$\frac{1}{4}$
 S 9 | S 10
 1917

50.00 from which,
 A cedar, 6 ins. diam., brs. S. 25° 20' E.
 340 lks. dist. mkd. $\frac{1}{4}$ S 10 B T.
 A cedar, 8 ins. diam., brs. S. 8 $\frac{1}{4}$ ° W.
 74 lks. dist. mkd. $\frac{1}{4}$ S 9 B T.
 80.00 Draw, course E.
 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the
 ground, in a mound of stone, for cor. of secs.
 3, 4, 9 and 10, mkd. on brass cap

T30N R 5W
 S 4 | S 3
 S 9 | S 10
 1917

dig pits, 18 X 18 X 12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.
 Land, gently rolling.
 Soil, gravelly, 3rd rate.
 Timber, scattering cedar.
 Undergrowth, algerita and sagebrush.
 Grass.

40.00 East on a random line bet. secs. 3 and 10.
 80.14 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 6 lks. N. of cor. of secs. 2,
 3, 10 and 11.
 Thence
 N. 89° 57' W. on a true line bet. secs. 3 and 10.
 Over nearly level land, through scattering timber and under-
 growth.

40.07 Over gradual NE. 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 3
 S 10
 1917

from which,
 A cedar, 20 ins. diam., (dead) brs. N. 65° E.
 252 lks. dist. mkd. $\frac{1}{4}$ S 3 B T.
 A cedar, 18 ins. diam., brs. S. 23° E.,
 602 lks. dist., mkd. $\frac{1}{4}$ S 10 B T.

30

Subdivision of T. 30 N. R. 5 W.

Chains

63.20

Draw, course N. 20° W.

80.14

The cor. of secs. 3, 4, 9 and 10.

Land, nearly level.

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

Timber, very scattering cedar.

Undergrowth, algerita and sagebrush.

Grass.

40.00

N. 0° 2' W. on a random line bet. secs. 3 and 4.

79.77

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

Intersect N. bdy. of Tp., 18 lks. W. of cor. of secs. 3, 4, 33 and 34, hereinbefore described.

Thence

S. 0° 6' W. on a true line bet. secs. 3 and 4.

Over nearly level land, through scattering timber and undergrowth.

35.00

Draw, course NW.

39.77

Set an iron post, 3 ft. long, lin. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap
$$\begin{array}{c} \frac{1}{4} \\ \text{S } 4 \frac{1}{4} \text{ S } 3 \\ 1917 \end{array}$$

80.00

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

57.70

Road brs. N. 60° E. and S. 60° W.

79.77

The cor. of secs. 3, 4, 9 and 10.

Land, nearly level.

Soil, sandy clay, 1st rate.

Timber, very scattering cedar.

Undergrowth, sagebrush.

Grass.

35.00

From the cor. of secs. 4, 5, 32 and 33, S. bdy. of Tp., described in book "G",

N. 0° 3' W. bet. secs. 32 and 33.

Over gently rolling land, through scattering timber and undergrowth.

Desc. gradual N. slope.

40.00

Draw, 15 chs. wide, course NE.

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
$$\begin{array}{c} \frac{1}{4} \\ \text{S } 32 \frac{1}{4} \text{ S } 33 \\ 1917 \end{array}$$

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

55.00

Desc. gradual slope of shallow valley.

80.00

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

$$\begin{array}{c} \text{T } 30 \text{ N } \text{ R } 5 \text{ W.} \\ \text{S } 29 \frac{1}{4} \text{ S } 28 \\ \text{S } 32 \frac{1}{4} \text{ S } 33 \\ 1917 \end{array}$$

from which,

A cedar, 6 ins. diam., brs. N. 42° 20' E.
320 lks. dist. mkd. T 30 N R 5 W S 28 B T.A cedar, 8 ins. diam., brs. S. 29° 20' W.
260 lks. dist. mkd. T 30 N R 5 W S 32 B T.

Chains

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, red sandy loam, 1st rate.
Timber, cedar.
Undergrowth, algerita and sagebrush.
Grass.

40.00
79.97

East on a random line bet. secs. 28 and 33.
Set temp. 1/4 sec. cor.
Intersect N. and S. line, 12 lks. N. of cor. of secs.
27, 28, 33 and 34.

Thence
N. 89° 55' W. on a true line bet. secs. 28 and 33.
Over gently rolling land, through scattering timber and
undergrowth.

25.00
39.98 1/2

Asc. gradual SE. slope.
Top of ascent, brs. NE. and SW. Thence over rolling land.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for 1/4 sec. cor., mkd. on brass cap

1/4 S 28
1/4 S 33
1917

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

47.00

Desc. gradual slope to
Small draw, course N. 60° E.
Asc. gradual slope.

65.00

Top of slope brs. N. and S.

79.97

Desc. gradual W. slope to
The cor. of secs. 28, 29, 32 and 33.

Land, gently rolling.
Soil, sandy loam, 2nd rate.
Timber, very scattering cedar.
Undergrowth, algerita and sagebrush.
Grass.

N. 0° 3' W. bet. secs. 28 and 29.
Over gently rolling land, through scattering timber and
undergrowth.

40.00

Desc. gradual slope along valley 30 chs. wide.
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 29 | S 28
1917

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

80.00

Desc. gradual slope to
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

T30N R 5W
S20 | S21
S29 | S28
1917

from which,
A cedar, 6 ins. diam., brs. S. 24° 40' E.
390 lks. dist. mkd. T 30 N R 5 W S 28 B T.

Chains

A cedar, 8 ins. diam., brs. S. 16 $\frac{1}{2}$ ° W.
 260 lks. dist. mkd. T 30 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, red sandy loam, 1st rate.
 Timber, scattering cedar.
 Undergrowth, algerita and sagebrush.

40.00 West on a random line bet. secs. 21 and 28.
 79.96 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line 14 lks. N. of cor. of secs.
 21, 22, 27 and 28.
 Thence
 N. 89° 54' W. on a true line bet. secs. 21 and 28.
 Over gently rolling land, through scattering timber and
 undergrowth.
 Asc. gradual SE. slope.
 8.00 Draw, course N.
 Asc. gradual slope.
 25.00 Top of ascent brs. N. and S. Desc. gradual slope.
 30.00 Bottom of draw, course N. (20 chs. wide).
 39.98 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 21
 $\frac{1}{4}$ S 28
 1917

from which,
 A cedar, 10 ins. diam., brs. N. 29° 10' W.
 210 lks. dist. mkd. $\frac{1}{4}$ S 21 B T.
 A cedar, 12 ins. diam., brs. S. 1° 10' E.
 180 lks. dist. mkd. $\frac{1}{4}$ S 28 B T.

Asc. gradual E. slope.
 58.10 Top of slope brs. N. and S. Desc. gradual W. slope of
 valley.
 79.96 The cor. of secs. 20, 21, 28 and 29.
 Land, gently rolling
 Soil, sandy loam, 2nd rate.
 Timber, scattering timber.
 Undergrowth, algerita and sagebrush.
 Grass.

N. 0° 3' W. bet. secs. 20 and 21.
 Over gently rolling land, through scattering timber
 and undergrowth.
 Desc. gradual slope of valley, 20 chs. wide.
 30.00 Basin about 40 chs. wide.
 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

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

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
 dist.
 50.00 Leave basin. Asc. gradual SE. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in
 the ground, in a mound of stone, for cor. of secs.
 16, 17, 20 and 21, mkd. on brass cap

Subdivision of T. 30 N., R. 5 W.

Chains

T30N R 5W
 S17 | S16
 S20 | S21
 1917

. dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.
 Land, gently rolling.
 Soil, gravelly, 3rd rate.
 Timber, very scattering cedar.
 Undergrowth, algerita and sagebrush.
 Grass.

40.00 East on a random line bet. secs. 16 and 21.
 79.96 Set temp. ¼ sec. cor.
 Intersect N. and S. line, 3 lks. N. of cor. of secs.
 15, 16, 21 and 22.
 Thence
 N. 89° 59' W. on a true line bet. secs. 16 and 21.
 Over gently rolling land, through scattering timber and
 undergrowth.
 Desc. gradual slope.
 6.00 Draw, course SE. Thence along SW. slope.
 38.00 Draw, course SW.
 39.98 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 16
 S 21
 1917

from which,
 A cedar, 6 ins. diam., brs. N. 87° 50' W.
 40 lks. dist. mkd. ¼ S 16 B T.
 A cedar, 8 ins. diam., brs. S. 69½° E.
 410 lks. dist. mkd. ¼ S 21 B T.
 Desc. gradual SW. slope.
 70.00 Bottom of draw, course S.
 79.96 The cor. of secs. 16, 17, 20 and 21.
 Land, gently rolling.
 Soil, sandy, 2nd rate.
 Timber, scattering cedar.
 Undergrowth, algerita and sagebrush.
 Grass.

N. 0° 3' W. bet. secs. 16 and 17.
 Over gently rolling land, through scattering timber and
 undergrowth.
 Desc. gradual N. slope of valley.
 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
 S17 | S16
 1917

from which,
 A cedar, 8 ins. diam., brs. N. 34½° E.
 222 lks. dist. mkd. ¼ S 16 B T.
 A cedar, 6 ins. diam., brs. N. 13¾° W.
 420 lks. dist. mkd. ¼ S 17 B T.
 45.00 Leave valley
 Asc. gradual SW. slope.
 72.00 Top of ascent, brs. E. and W. Desc. gradual slope to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in
 the ground, for cor. of secs. 8, 9, 16 and 17, mkd.
 on brass cap

34

Subdivision of T. 30 N., R. 5 W.

Chains

T30N R 5W	
S 8	S 9
S 17	S 16
1917	

dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist. —
 Land, gently rolling.
 Soil, sandy loam, 2nd rate.
 Timber, scattering cedar.
 Undergrowth, algerita and sagebrush.
 Grass.

40.00 East on a random line bet. secs. 9 and 16.
 79.96 Set temp. ¼ sec. cor.,
 Intersect N. and S. line, 1½ lks. S. of cor. of secs.
 9, 10, 15 and 16.
 Thence S. 89° 55' W. on a true line bet. secs. 9 and 16.
 Over gently rolling land, through scattering timber and
 undergrowth.
 Asc. gradual slope.
 7.50 Top of ascent brs. N. and S.. Desc. gradual W. slope.
 39.98 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	9
¼ S	16
1917	

from which,

A cedar, 8 ins. diam., brs. N. 22½° W.
200 lks. dist. mkd. ¼ S 9 B T.

A cedar, 10 ins. diam., brs. S. 88½° E.
330 lks. dist. mkd. ¼ S 16 B T.

48.00 Draw, course N. Thence over rolling descent.
 79.96 The cor. of secs. 8, 9, 16 and 17.
 Land, gently rolling.
 Soil, sandy, 2nd rate.
 Timber, scattering cedar.
 Undergrowth, algerita and sagebrush.
 Grass.

N. 0° 3' W. bet. secs. 8 and 9.
 Over gently rolling land, through scattering timber and
 undergrowth.

Over bottom of narrow valley or draw.

5.00 Draw, 15 chs. wide, course N. along W. side of line.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 40.00 ground, for ¼ sec. cor., mkd. on brass cap

¼ S	8
¼ S	9
1917	

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

47.00 Thence along bottom of draw.
 80.00 Road brs. NE. to Supai and SW. to national tank.
 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

T30N R 5W	
S 5	S 4
S 8	S 9
1917	

Chains

from which,
 A cedar, 6 ins. diam., brs. N. 9° E.
 280 lks. dist. mkd. T 30 N R 5 W S 4 B T.
 No other trees within limits.
 Dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.
 Land, gently rolling.
 Soil, sandy, 2nd rate.
 Timber, scattering cedar.
 Undergrowth, algerita and sagebrush.
 Grass.

40.00 East on a random line bet. secs. 4 and 9.
 Set temp. ¼ sec. cor.
 80.11 Intersect N. and S. line, at the cor. of secs. 3, 4, 9
 and 10.
 Thence
 West on a true line bet. secs. 4 and 9.
 Over gently rolling land, through scattering timber and
 undergrowth.
 Asc. gradual SE. slope.
 36.30 Road brs. NE. to Supai and SW. to national tank.
 40.05½ 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

from which,
 A cedar, 8 ins. diam., brs. S. 20¾° E.
 510 lks. dist. mkd. ¼ S 9 B T.
 No other trees within limits.
 Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.
 Draw, course N.
 Asc. gradual E. slope.
 65.00 Top of slope, brs. N. and S. Desc. gradual SW. slope.
 80.11 The cor. of secs. 4, 5, 8 and 9.
 Land, gently rolling.
 Soil, sandy, 2nd rate.
 Timber, scattering cedar.
 Undergrowth, algerita and sagebrush.
 Grass.

40.00 N. 0° 3' W. on a random line bet. secs. 4 and 5.
 Set temp. ¼ sec. cor.
 79.68 Intersect N. hdy. of Tp., 7 lks. W. of cor. of secs. .
 4, 5, 32 and 33, hereinbefore described.
 Thence
 South on a true line bet. secs. 4 and 5.
 Over gently rolling land, through scattering timber and
 undergrowth.
 39.68 Along E. slope on W. side of draw, course SE.
 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

49.70 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
 dist.
 Draw, 15 chs. wide, course E. Desc. gradual slope along-
 side of draw, W. of line, course N.
 79.68 The cor. of secs. 4, 5, 8 and 9.
 Land, gently rolling.

Chains

Soil, sandy, 2nd rate.
Timber, scattering cedar..
Undergrowth, algerita and sagebrush.
Grass.

From the cor. of secs. 5, 6, 31 and 32, S. bdy. of Tp.,
described in book "G",
N. 0° 3' W. bet. secs. 31 and 32.
Over rolling land, through scattering timber and under-
growth.

5.00
40.00

Asc. gradual SW. slope.
Top of ascent. Desc. 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

$\frac{1}{4}$
S31 | S32
1917

from which,

A cedar, 6 ins. diam., brs. S. 36° 20' E.
130 lks. dist. mkd. $\frac{1}{4}$ S 32 B T.
A cedar, 8 ins. diam., brs. S. 69° 10' W.
364 lks. dist. mkd. $\frac{1}{4}$ S 31 B T.

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

T30N R 5W
S30 | S29
S31 | S32
1917

from which,

A cedar, 6 ins. diam., brs. N. 17° W.
465 lks. dist. mkd. T 30 N R 5 W S 30 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, 2nd rate.
Timber, scattering cedar.
Undergrowth, algerita and sagebrush;
Grass.

40.00
80.00

East on a random line bet. secs. 29 and 32.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, 18 lks. S. of cor. of secs. 28,
29, 32 and 33.

Thence

S. 89° 52' W. on a true line bet. secs. 29 and 32.
Over gently rolling land, through scattering timber and
undergrowth.

20.00

Draw, 2 chs. wide, course NE.
Thence along gradual W. 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

$\frac{1}{4}$ S 29
S 32
1917

from which,

A cedar, 3 ins. diam., brs. N. 45° 10' E.
100 lks. dist. mkd. $\frac{1}{4}$ S 29 B T.

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

Subdivision of T. 30 N. R. 5 W.

37.

Chains.

80.00 Asc. gradual slope.
 The cor. of secs. 29, 30, 31 and 32.
 Land, gently rolling.
 Soil, sandy, 2nd rate.
 Timber, scattering cedar.
 Undergrowth, algerita and sagebrush.
 Grass.

40.00 West on a random line, bet. secs. 30 and 31.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.18 Intersect W. bdy. of Tp., 18 lks. N. of the cor. of secs.
 25, 30, 31 and 36, hereinbefore described.
 Thence
 N.89°52'E., on a true line, bet. secs. 30 and 31.
 Over gently rolling land, through scattering timber and
 undergrowth.

33.20 Asc. gradual SW. slope.
 Top of ascent, brs. N. and S.
 39.18 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

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

from which

A pinion, 10 ins. diam., brs. N.78 $\frac{1}{4}$ °W.,
 39 lks. dist., marked $\frac{1}{4}$ S30 BT.

A pinion, 12 ins. diam., brs. S.65°W.,
 115 lks. dist., marked $\frac{1}{4}$ S31 BT.

44.20 Leave timber, brs. N. and S. Thence over gently rolling
 land.

79.18 The cor. of secs. 29, 30, 31 and 32.
 Land, gently rolling.
 Soil, 2nd rate.
 Timber, scattering pinion and cedar.
 Undergrowth, algerita and sagebrush.
 Grass.

40.00 N.0°3'W., bet. secs. 29 and 30.
 Over gently rolling land, through scattering timber and
 undergrowth.

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

$\frac{1}{4}$
 S30 | S29
 1917

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

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

T30N R5W
 S19 | S20
 S30 | S29
 1917

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

38. Subdivision of T. 30 N., R. 5 W.

Chains.

East on a random line, bet. secs. 20 and 29.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect N. and S. line, 18 lks. S. of the cor. of secs.
 20, 21, 28 and 29.
 Thence
 S. $89^{\circ}52'W.$, on a true line, bet. secs. 20 and 29.
 Over gently rolling land, through scattering timber and
 undergrowth.
 Asc. gradual slope.
~~33.00 Top of slope. Desc. gradual slope.~~
 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

$\frac{1}{4}$ S20
 ~~$\frac{1}{4}$ S29~~
 1917

from which
 A cedar, 24 ins. diam., brs. N. $44\frac{1}{2}^{\circ}W.$,
 576 lks. dist., marked $\frac{1}{4}$ S20 BT.
 A cedar, 8 ins. diam., brs. S. $42^{\circ}W.$,
 260 lks. dist., marked $\frac{1}{4}$ S29 BT.

45.00 Bottom of draw, course N. $30^{\circ}E.$ Asc. gradual slope.
 64.00 Top of slope, brs. NE. and SW. Desc. gradual slope.
 80.94 The cor. of secs. 19, 20, 29 and 30.
 Land, gently rolling.
 Soil, 2nd rate.
 Timber, scattering cedar.
 Undergrowth, algerita.
 Grass.

West on a random line, bet. secs. 19 and 30.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.09 Intersect W. bdy. of Tp., 18 lks. N. of cor. of secs. 19,
 24, 25 and 30, hereinbefore described.
 Thence
 N. $89^{\circ}52'E.$, on a true line, bet. secs. 19 and 30.
 Over gently rolling land, through scattering timber and
 undergrowth.
 Asc. gradual slope to
 6.50 Top of ascent, brs. N. and S. Thence across top of ridge.
 21.50 Leave top of ridge; desc. gradually.
 23.40 Draw, course N. $60^{\circ}E.$
 39.09 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

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

from which
 A cedar, 8 ins. diam., brs. N. $55^{\circ}W.$,
 207 lks. dist., marked $\frac{1}{4}$ S19 BT.
 A cedar, 10 ins. diam., brs. S. $55^{\circ}W.$,
 290 lks. dist., marked $\frac{1}{4}$ S30 BT.

Thence over rolling land.
 62.10 Desc. gradual SE. slope.
 65.60 Leave timber, brs. NE. and SW.
 79.09 The cor. of secs. 19, 20, 29 and 30.
 Land, gently rolling.
 Soil, 2nd rate.
 Timber, scattering cedar.
 Undergrowth, algerita.
 Grass.

Chains

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

18.00 Timber, becomes more dense.

20.00 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

1/4
S19 | S20
1917

from which,

A pinion, 66 ins. diam., brs. N. 69 1/2° E.
155 lks. dist. mkd. 1/4 S 20 B T.

A cedar, 5 ins. diam., brs. N. 65 1/2° W.
21 lks. dist. mkd. 1/4 S 19 B T.

Desc. gradual slope to draw.

47.00 Leave timber brs. NE. and SW.

55.00 Draw, course NE.

Asc. gradual slope to

70.00 Top of ascent brs. NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, mkd. on brass cap

T30N R 5W
S18 | S17
S19 | S20
1917

from which,

A cedar, 10 ins. diam., brs. N. 39° E.
405 lks. dist. mkd. T 30 N R 5 W S 17 B T.

A cedar, 10 ins. diam., brs. S. 79° E.
240 lks. dist. mkd. T 30 N R 5 W S 20 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, 2nd rate.

Timber, scattering cedar and pinion.

Undergrowth, algerita.

Grass.

East on a random line bet. secs. 17 and 20.

40.00 Set temp. 1/4 sec. cor.,

80.04 Intersect N. and S. line, 27 lks. S. of cor. of secs. 16, 17, 20 and 21.

Thence

S. 89° 48' W. on a true line bet. secs. 17 and 20.

Over gently rolling land, through scattering timber and undergrowth.

Desc. gradual W. slope.

10.00 Draw, 15 chs. wide, course N.

Asc. gradual E. slope.

35.00 Top of ascent brs. N. and S.

40.02 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 17
S 20
1917

from which,

A cedar, 8 ins. diam., brs. S. 89 1/2° E.
230 lks. dist. mkd. 1/4 S 20 B T.

No other trees within limits.

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

40

Subdivision of T. 30 N., R. 5 W.

Chains

50.00 Bottom of draw, 20 chs. wide, course NE.
Asc. gradual SE. slope.

70.00 Thence over gently rolling land.

80.04 The cor. of secs. 17, 18, 19 and 20.

Land, gently rolling.
Soil, 2nd rate.
Timber, scattering cedar.
Undergrowth, algerita.
Grass.

40.00 West on a random line bet. secs. 18 and 19.
Set temp. $\frac{1}{4}$ sec. cor.

79.00 Intersect W. bdy. of Tp., 44 lks. N. of cor. of secs.
13, 18, 19 and 24, hereinbefore described.

Thence
N. 89° 41' E. on a true line bet. secs. 18 and 19.
Over gently rolling land, through timber and undergrowth.

31.00 Draw, course N. Asc. gradual NW. slope.

36.00 Top of slope, brs. NE. and SW.

39.00 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 18
 $\frac{1}{4}$ S 19
1917

from which,

A cedar, 3 ins. diam., brs. N. 81° W.
207 lks. dist., mkd. $\frac{1}{4}$ S 18 B T.

A cedar, 8 ins. diam., brs. S. 84° 40' E.
400 lks. dist., mkd. $\frac{1}{4}$ S 19 B T.

79.00 Desc. gradual slope to
The cor. of secs. 17, 18, 19 and 20.

Land, gently rolling.
Soil, 2nd rate.
Timber, scattering cedar.
Undergrowth, algerita.
Grass.

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

Desc. gradual slope.
Draw, course NE. Asc. gradual slope.

10.00 Top of slope brs. E. and W. Desc. gradual slope.

30.00 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.

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

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

Desc. gradual NE. slope.
Road brs. N. 30° E. and S. 30° W.

71.70 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
80.00 ground, for cor. of secs. 7, 8, 17 and 18, mkd. on
brass cap

T30N R 5W
S 7 | S 8
S18 | S17
1917

Chains

from which,
 A cedar, 6 ins. diam., brs. N. 36° W.
 467 lks. dist. mkd. T 30 N R 5 W S 7 B T.
 No other trees within limits.
 Dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.
 Land, gently rolling.
 Soil, red sandy loam, 1st rate.
 Timber, scattering cedar.
 Undergrowth, algerita.
 Grass.

40.00 East on a random line bet. secs. 8 and 17.
 Set temp. ¼ sec. cor.
 80.00 Intersect N. and S. line, 18 lks. S. of cor. of secs.
 8, 9, 16 and 17.
 Thence
 S. 89° 52' W. on a true line bet. secs. 8 and 17.
 Over gently rolling land, through scattering timber and
 undergrowth.
 10.00 Asc. gradual slope. Draw, course N.
 18.00 Top of ascent brs. N. and S. Desc. gradual W. slope.
 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 8
 ¼ S 17
 1917

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
 dist.
 50.00 Bottom of large draw, course N. 60° E.
 Asc. gradual E. slope.
 70.00 Road brs. N. 60° E. to Supai and S. 60° W. to National
 Tank.
 80.00 The cor. of secs. 7, 8, 17 and 18.
 Land, gently rolling.
 Soil, 2nd rate.
 Timber, scattering cedar.
 Undergrowth, sagebrush and greasewood.
 Grass.

40.00 West on a random line bet. secs. 7 and 18.
 Set temp. ¼ sec. cor.
 78.90 Intersect W. bdy. of Tp., 47 lks. N. of cor. of secs. 7,
 12, 13 and 18, hereinbefore described.
 Thence
 N. 89° 40' E. on a true line bet. secs. 7 and 18.
 Over gently rolling land, through scattering timber and
 undergrowth.
 45.70 Top of slope brs. N. and S. Desc. gradual slope.
 38.90 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 7
 ¼ S 18
 1917

from which,
 A pinion, 14 ins. diam., brs. N. 47½° W.
 130 lks. dist. mkd. ¼ S 7 B T.
 A pinion, 12 ins. diam., brs. S. 79½° W.
 125 lks. dist. mkd. ¼ S 18 B T.
 49.00 Draw, course N. 60° E.
 57.00 Over rolling land.
 66.00 Leave timber brs. NE. and SW.
 78.90 The cor. of secs. 7, 8, 17 and 18.

42

Subdivision of T. 30 N. R. 5 W.

Chains

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

N. 0° 3' W. bet. secs. 7 and 8.
Over gently rolling land, through scattering timber and undergrowth.

- 4.00 Enter dense timber brs. N. 80° E. and SW.
- 15.00 Desc. gradual slope to
- 20.00 Bottom of draw, 10 chs. wide, course S. 60° E.
- Asc. gradual 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

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

from which,

- A pinion 10 ins. diam., brs. N. 86 $\frac{1}{2}$ ° E.
139 lks. dist. mkd. $\frac{1}{4}$ S 8 B T.
- A pinion, 8 ins. diam., brs. N. 47° 20' W.
280 lks. dist. mkd. $\frac{1}{4}$ S 7 B T.

- Asc. gradual wooded slope.
- 48.00 Top of slope brs. E. and W.
- Desc. gradual NW. slope.
- 65.00 Leave timber, brs. E. and W.
- 75.00 Draw, 15 chs. wide, course, NE.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, in a mound of stone, for cor. of secs. 5, 6, 7 and 8, mkd. on brass cap.

T30N R 5W
 S 6 | S 5
 S 7 | S 8
 1917

from which,

- A cedar, 3 ins. diam., brs. N. 47° E.
98 lks. dist. mkd. T 30 N R 5 W S 5 B T.
- A cedar, 4 ins. diam., brs. S. 87° E.
44 lks. dist. mkd. T 30 N R 5 W S 8 B T.
- A cedar, 3 ins. diam., brs. S. 49° W.
129 lks. dist. mkd. T 30 N R 5 W S 7 B T.
- A cedar, 12 ins. diam., brs. N. 57 $\frac{3}{4}$ ° W.
134 lks. dist. mkd. T 30 N R 5 W S 6 B T.

Land, gently rolling.
Soil, 2nd rate.
Timber, scattering cedar.
Undergrowth, algerita.
Grass.

- 40.00 East on a random line bet. secs. 5 and 8.
- 79.96 Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, 12 lks. S. of cor. of secs. 4, 5, 8 and 9.
- Thence
- S. 89° 55' W. on a true line bet. secs. 5 and 8.
Over gently rolling land, through scattering timber and undergrowth.
- 5.00 Draw, course N.
- Asc. gradual E. slope.
- 23.00 Top of slope brs. N. and S. Desc. gradual W. slope.

Chains
39.98

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.

$\frac{1}{4}$ $\frac{S}{S}$ $\frac{5}{8}$
1917

from which,

A cedar, 8 ins. diam., brs. S. $43\frac{1}{2}^{\circ}$ W.
310 lks. dist. mkd. $\frac{1}{4}$ S 8 B T.

No other trees within limits.

Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.
Desc. gradual slope.

65.00
79.96

Draw, course NE. Asc. gradual SE. slope.

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

Land, gently rolling.

Soil, 2nd rate.

Timber, cedar.

Undergrowth, algerita.

Grass.

40.00
78.82

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

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

Intersect W. bdy. of Tp., 47 lks. N. of cor. of secs. 1, 6, 7 and 12, hereinbefore described.

Thence

N. $89^{\circ} 40'$ E. on a true line bet. secs. 6 and 7.

Over gently rolling land, through scattering timber and undergrowth.

Asc. gradual slope to

3.80
20.80

Top of slope. Desc. gradual E. slope.

Draw, 15 chs. wide, course NE. Asc. gradual N. slope.

38.82

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

$\frac{1}{4}$ $\frac{S}{S}$ $\frac{6}{7}$
1917

from which,

A pinion, 8 ins. diam., brs. N. $62\frac{1}{2}^{\circ}$ W.
255 lks. dist. mkd. $\frac{1}{4}$ S 6 B T.

A pinion, 10 ins. diam., brs. S: $56\frac{1}{2}^{\circ}$ W.
220 lks. dist. mkd. $\frac{1}{4}$ S 7 B T.

Asc. gradual SW. slope.

50.00

Top of slope, brs. N. 10° W. and S. 10° E.

Desc. gradual slope to

55.80

Draw, 3 chs. wide, course SE.

78.82

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

Land, gently rolling.

Soil, 2nd rate.

Timber, cedar and pinion.

Undergrowth, algerita.

Grass.

40.00
79.78

N. $0^{\circ} 3'$ W. on a random line bet. secs. 5 and 6.

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

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.

Over gently rolling land, through scattering timber and undergrowth.

Chains
 24.80 Desc. gradual slope.
 Draw, course NE.
 39.78 Asc. gradual N. slope.
 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

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

from which,
 A pinion, 8 ins. diam., brs. N. 73° 50' E.
 105 lks. dist. mkd. $\frac{1}{4}$ S 5 B T.
 A pinion; 10 ins. diam.; brs. N. 74 $\frac{1}{4}$ ° W.
 110 lks. dist. mkd. $\frac{1}{4}$ S 6 B T.

49.80 Draw, course E.
 Asc. gradual N. slope to
 54.80 Thence over rolling land.
 79.78 The cor. of secs. 5, 6, 7 and 8.
 Land, gently rolling.
 Soil, 2nd rate.
 Timber, pinion and cedar.
 Undergrowth, algerita.
 Grass.

GENERAL DESCRIPTION

This township consists of gently rolling and level land, of sandy clay and stony limestone formation, 2nd rate, sparsely covered with a scattering growth of cedar and pinion timber and algerita and sagebrush undergrowth. The main drainage of the township is into sink holes in secs. 14, 20 and 21; the south east quarter drains to the south and the north one-third drains toward the north.

There are no settlers nor improvements. A road runs north northeasterly through the north west quarter, from Pine Springs and National Park to Supai Indian Village.

Boundaries of T. 30 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.	S. 89° 51' W.	479.26		1.26		479.26	
West Boundary.	North.	480.00	480.00				
North Boundary.	N. 89° 51' E.	478.69	1.26		478.69		
East Boundary.	South.	480.00		480.00			
Convergency.					.53		
Totals.			481.26	481.26	479.22	479.26	
Error in latitude	None						
Error in departure							.04

Retracement of a Portion of the Boundary of the Hualpai Indian Reservation. 45.

Chains.

I commence at the 103 M. cor. on the Boundary of the Hualpai Indian Reservation, which is a quartzite stone, 6 X 6 X 8 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General. I scribe the following bearing trees:

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.

Thence

North on retracement, along Boundary of Reservation.

Over nearly level land, through very scattering timber.

40.16 Fall 4 lks. W. of the 103½ M. cor., which is a quartzite stone, 5 X 6 X 6 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°3'E., 40.16 chs.

From the 103½ M. cor.,

North on retracement.

40.17 Fall 20 lks. W. of the 104 M. cor., which is a limestone, 6 X 8 X 8 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General. I scribe the following bearing tree:

A cedar, 5 ins. diam., brs. S.1°W.,
252 lks. dist., marked HIR 104M BT.

The true course and distance of this half mile are therefore N.0°17'E., 40.17 chs.

Land, nearly level.

Soil, sandy clay, stony limestone and quartz formation,
2nd rate.

Timber, very scattering cedar.

No undergrowth.

From the 104M. cor.,

North on retracement, along Boundary of Reservation.

Over gently rolling land, through scattering cedar timber.

2.80 Sand Creek (dry), course S.30°E.

40.14 Fall 12 lks. W. of the 104½ M. cor., which is a limestone, 5 X 8 X 6 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General. I scribe the following bearing tree:

A cedar, 6 ins. diam., brs. S.12½°W.,
32 lks. dist., marked HIR 104½M BT.

The true course and distance of this half mile are therefore N.0°10'E., 40.14 chs. ~~dist.~~

From the 104½ M. cor.,

North on retracement.

40.16 Fall 10 lks. W. of the 105 M. cor., which is a limestone, 5 X 8 X 6 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General. I scribe the following bearing tree:

A cedar, 10 ins. diam., brs. N.56½°W., 538 lks.
dist., marked HIR 105M BT.

The true course and distance of this half mile are therefore N.0°9'E., 40.16 chs.

Land, gently rolling.

Soil, sandy clay, stony limestone and quartz formation,
2nd rate.

46.

Retracement of a Portion of the Boundary of the Hualpai Indian Reservation.

Chains.

Timber, scattering cedar and pinion.
No undergrowth.

40.19 From the 105M. cor.,
North on retracement, along Boundary of Reservation.
Over gently rolling land, through scattering timber.
Fall 6 lks. W. of the 105 $\frac{1}{2}$ M. cor., which is a limestone,
8 X 6 X 2 ins. above ground, firmly set, marked and
witnessed as described by the Surveyor-General. I
scribe the following bearing tree:

A cedar, 4 ins. diam., brs. N.2 $\frac{1}{2}$ °W.,
139 lks. dist., marked HIR 105 $\frac{1}{2}$ M BT.

The true course and distance of this half mile are there-
fore N.0°5'E., 40.19 chs.

31.70 From the 105 $\frac{1}{2}$ M cor.,
North on retracement.
Road, brs. N.70°E. to Supai Indian Village and S.70°W. to
Pine Springs.
40.15 Fall 11 lks. W. of the 106 M. cor., which is a limestone,
8 X 10 X 8 ins. above ground, firmly set, marked and
witnessed as described by the Surveyor-General. I
scribe the following bearing trees;

A pinion, 10 ins. diam., brs. S.45 $\frac{1}{2}$ °W.,
653 lks. dist., marked HIR 106M BT.

A cedar, 4 ins. diam., brs. N.62 $\frac{1}{2}$ °W.,
184 lks. dist., marked HIR 106M BT.

The true course and distance of this half mile are there-
fore N.0°9'E., 40.15 chs.

Land, gently rolling.
Soil, sandy clay, stony limestone and quartz formation,
2nd rate.
Timber, scattering pinion and cedar.
No undergrowth.

40.19 From the 106 M, cor.,
North on retracement, along Boundary of Reservation.
Fall 12 lks. W. of the 106 $\frac{1}{2}$ M. cor., which is a limestone,
8 X 4 X 6 ins. above ground, firmly set, marked and
witnessed as described by the Surveyor-General. I
scribe the following bearing trees;

A cedar, 6 ins. diam., brs. S.39 $\frac{1}{2}$ °W.,
416 lks. dist., marked HIR 106 $\frac{1}{2}$ M BT.

A cedar, 8 ins. diam., brs. N.80°W.,
541 lks. dist., marked HIR 106 $\frac{1}{2}$ M BT.

The true course and distance of this half mile are there-
fore N.0°10'E., 40.19 chs.

40.14 From the 106 $\frac{1}{2}$ M. cor.,
North on retracement,
Fall 6 lks. W. of the 107 M. cor., which is a limestone,
6 X 6 X 5 ins. above ground, firmly set, marked and
witnessed as described by the Surveyor-General. I
scribe the following bearing tree:

A cedar, 10 ins. diam., brs. S.86°W.,
560 lks. dist., marked HIR 107M BT.

Retracement of a Portion of the Boundary of the Hualpai Indian Reservation. 47.

Chains.

The true course and distance of this half mile are therefore N.0°5'E., 40.14 chs.

Land, gently rolling.
Soil, sandy clay, stony limestone formation, 2nd rate.
Timber, scattering pinion and cedar.
No undergrowth.

40.17

From the 107 M. cor.,
North on retracement, along Boundary of Reservation.
Over gently rolling land, through scattering timber.
Fall 2 lks. W. of the 107½ M. cor., which is a quartzite,
8 X 4 X 6 ins. above ground, firmly set, marked and
witnessed as described by the Surveyor-General. I
scribe the following bearing trees:

- A pinion, 6 ins diam., brs. S.82°W., 250 lks.
dist., marked HIR 107½M BT.
- A cedar, 8 ins. diam., brs. N.36°W., 145 lks.
dist., marked HIR 107½M BT.

The true course and distance of this half mile are therefore N.0° 2'E., 40.17 chs.

40.17

From the 107½M. cor.,
North on retracement.
Fall 6 lks. W. of the 108 M. cor., which is a limestone,
10 X 6 X 10 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°5'E., 40.17 chs.

Land, gently rolling
Soil, sandy clay, stony limestone and quartz formation,
2nd rate.
Timber, scattering pinion and cedar.
No undergrowth.

40.11

From the 108 M. cor.,
North on retracement, along Boundary of Reservation.
Fall 4 lks. W. of the 108½M. cor., which is a limestone,
8 X 10 X 2 ins. above ground, firmly set, marked and
witnessed as described by the Surveyor-General. I
scribe the following bearing tree:

- A cedar, 8 ins. diam., brs. N.13°W., 288 lks.
dist., marked HIR 108½M BT.

The true course and distance of this half mile are therefore N.0°3'E., 40.11 chs.

40.14

From the 108½ M. cor.,
North on retracement.
Fall 4 lks. W. of the 109 M. cor., which is a limestone,
8 X 6 X 10 ins. above ground, firmly set, marked and
witnessed as described by the Surveyor-General. I
scribe the following bearing tree:

- A cedar, 14 ins. diam., brs. S.42°W., 125 lks.
dist., marked HIR 109M BT.

The true course and distance of this half mile are therefore N.0°3'E., 40.14 chs.

Land, gently rolling.

48. Retracement of a Portion of the Boundary of the Hualpai Indian Reservation.

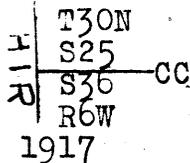
Chains.

Soil, sandy clay, stony limestone and quartz formation,
2nd rate.
Timber, scattering pinion and cedar.
No undergrowth.

Frac'l. Subdivision of T. 30 N., R. 6 W.

25.00
35.34

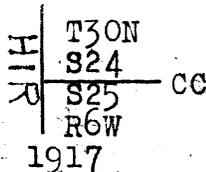
From the cor. of secs. 25, 30, 31 and 36, W. bdy. of T.
30 N., R. 5 W., hereinbefore described,
West bet. secs. 25 and 36.
Over gently rolling land, through very scattering timber
and undergrowth.
Desc. gradual SW. slope.
Sand Creek (dry), course S.30°E.
Intersect E. bdy. of Hualpai Indian Reservation, 18.89 chs.
S.0°17'W. of the 104 M. cor., which is a limestone,
hereinbefore described.
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, marked on
brass cap



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, 1st rate and stony limestone formation,
3rd rate.
Timber, scattering cedar.
Undergrowth, sagebrush.
Grass.

35.26

From the cor. of secs. 19, 24, 25 and 30, W. bdy. of T.
30 N., R. 5 W., hereinbefore described,
West bet. secs. 24 and 25.
Over gently rolling land, through scattering timber and
undergrowth.
Desc. gradual SW. slope.
Intersect E. bdy. of Hualpai Indian Reservation, 19.14 chs.
S.0°9'W. of the 105 M. cor., which is a limestone, hereinbefore
described.
At the point of intersection,
Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the
ground, in a mound of stone, for closing cor. of secs.
24 and 25, marked on brass cap



from which
A cedar, 4 ins. diam., brs. N.10°E.,
42 lks. dist., marked T30N R6W S24 CC BT.
A cedar, 12 ins. diam., brs. S.12½°E.,
158 lks. dist., marked T30N R6W S25 CC BT.
Land, gently rolling.
Soil, sandy clay, stony limestone and quartz formation,
2nd rate.
Timber, cedar.

Frac'l. Subdivision of T. 30 N., R. 6 W.

40

Chains.

Undergrowth, algerita and sagebrush.
Grass.

From the cor. of secs. 13, 18, 19 and 24, W. bdy. of T.
30 N., R. 5 W., hereinbefore described,
West bet. secs. 13 and 24.
Over nearly level land, through scattering timber and
undergrowth.

25.00 Head of draw, course N.30°E.
35.03 Intersect E. bdy. of Hualpai Indian Reservation, 19.46 chs.
S.0°9'W. of the 106 M. cor., which is a limestone,
hereinbefore described.
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.
13 and 24, marked on brass cap

	T30N
I	S13 CC
II	S24
III	R6W
20	
	1917

from which

A cedar, 3 ins. diam., brs. N.84°E.,
338 lks. dist., marked T30N R6W S13 CC BT.
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, nearly level.
Soil, sandy clay, gravelly, limestone formation, 2nd rate.
Timber, scattering cedar and pinion.
Undergrowth, algerita and sagebrush.
Grass.

From the cor. of secs. 7, 12, 13 and 18, W. bdy. of T.
30 N., R. 5 W., hereinbefore described,
West bet. secs. 12 and 13.
Over nearly level land, through scattering timber and
undergrowth.

34.89 Intersect E. bdy. of Hualpai Indian Reservation, 19.74 chs.
S.0°5'W. of the 107 M. cor., which is a limestone, herein-
before described.
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. 12 and 13, marked on
brass cap

	T30N
I	S12
II	S13 CC
III	R6W
20	
	1917

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, nearly level.
Soil, sandy clay, stony limestone formation, 2nd rate.
Timber, very scattering cedar.
Undergrowth, algerita and sagebrush.
Grass.

From the cor. of secs. 1, 6, 7 and 12, W. bdy. of T.

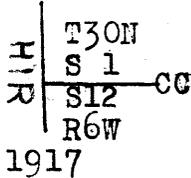
50.

Frac'l. Subdivision of T. 30 N., R. 6 W.

Chains.

.50
34.84

30 N., R. 5 W., hereinbefore described,
West bet. secs. 1 and 12.
Over nearly level land, through scattering timber and
undergrowth.
Draw, course NE.
Intersect E. bdy. of Hualpai Indian Reservation, 20.11 chs.
S.0°5'W. of the 108 M. cor., which is a limestone,
hereinbefore described.
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



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, nearly level.
Soil, sandy clay, stony limestone formation, 2nd rate.
Timber, very scattering cedar.
Undergrowth, algerita and sagebrush. Grass.

Boundaries of Subdivided Portion of T. 30 N., R. 6 W.

Latitudes, departures and closing errors.

Line designated.	True bearing.	Dist. chs.	Latitudes.		Departures.	
			N. chs.	S. chs.	E. chs.	W. chs.
South Boundary	West.	35.43				35.43
West Boundary (Hualpai Indian Reservation)	North	18.52	18.52			
	N.0° 3'E.	40.16	40.16		.04	
	N.0° 17'E.	40.17	40.17		.20	
	N.0° 10'E.	40.14	40.14		.12	
	N.0° 9'E.	40.16	40.16		.10	
	N.0° 5'E.	40.19	40.19		.06	
	N.0° 9'E.	40.15	40.15		.11	
	N.0° 10'E.	40.19	40.19		.12	
	N.0° 5'E.	40.14	40.14		.06	
	N.0° 2'E.	40.17	40.17		.02	
N.0° 5'E.	40.17	40.17		.06		
N.0° 3'E.	59.88	59.88		.05		
North boundary	East.	34.68			34.68	
East Boundary	South.	480.00		480.00		
Convergency					.07	
Totals			480.04	480.00	35.69	35.43
Error in latitude			.04			
Error in departure					.26	

GENERAL DESCRIPTION.

The portion of this township lying outside of the Hualpai Indian Reservation is gently rolling land, supporting a very scanty growth of cedar and pinion timber and algerita and sagebrush undergrowth. The soil varies from sandy clay, 1st rate, to rocky limestone formation, 3rd rate. A road runs in an easterly direction through the approximate center of the township, from National tank and Pine Springs to Supai Indian Village. There are no settlers nor improvements, nor is there any water in the township.

Book "H"

Group 53 - - - Arizona.

Township 30 North, Range 5 West.
Township 30 North, Range 6 West.

DATE DIAGRAM:

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

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.

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 30 NORTH, RANGE 5 WEST,

of the Gila and Salt

River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes and by diagram on reverse hereof 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. 1-11-15

APPROVAL

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

, 191

The foregoing field notes of the survey of

executed by

under his special instructions dated ... 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 "H"

Group 53 - - - Arizona.

Township 30 North, Range 5 West.
Township 30 North, Range 6 West.

BOOK 2008

DATE DIAGRAM.

	NAME	DATE	NAME	DATE	NAME	DATE	NAME	DATE
EAST BDX. HUALPAI INDIAN RESERVATION	109 M	3-10-17	3-13-17	3-13-17	3-13-17	3-13-17	3-13-17	3-13-17
	1	3-10-17	6	5	4	3-17-17	3	2
	108 M	3-10-17				3-17-17	3-16-17	3-16-17
	12	3-10-17	7	8	9		10	11
	107 M	3-10-17				3-17-17	3-16-17	3-16-17
	13	3-9-17	18	17	16		15	14
	106 M	3-9-17				3-15-17	3-16-17	3-14-17
	24	3-9-17	19	20	21		22	23
	105 M	3-6-17				3-15-17	3-15-17	3-14-17
	25	3-6-17	30	29	28		27	26
104 M	3-6-17				3-15-17	3-15-17	3-14-17	
36	3-6-17	31	32	33		34	35	
103 M	3-6-17				3-15-17	3-15-17	3-3-17	
	2-27-17	2-27-17	2-27-17	2-27-17	2-27-17	2-27-17	2-27-17	2-27-17

6-2764

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.

BOOK 3068

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, ^{re-} surveyed all those parts or portions of the East boundary, and surveyed all those parts or portions of the West and North boundaries, and Subdivision lines of Township 30 North, Range 5 West, and retraced a portion of the East Boundary of the Hualpai Indian Reservation and surveyed all those parts or portions of the North bdy. and fracl. Subdivision lines of TOWNSHIP 30 NORTH, RANGE 6 WEST, of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in and by diagram on reverse hereof the foregoing field notes as having been executed by me, and under my direction; and that all the corners of retracements, resurvey & 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 retracements, resurveys and surveys

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 ^{re-} survey of the East boundary, and Survey of West and North boundaries, and Subdivision lines of TOWNSHIP 30 NORTH, RANGE 5 WEST, and retracement of part of the East Boundary of the Hualpai Indian Reservation and survey of part of North boundary, and Fracl. Subdivision lines of TOWNSHIP 30 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 ~~the~~ special instructions dated March 4, 1915, for Group 53, Arizona, ^{retracements, resurveys and} having been critically examined; and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

James D. Smith

 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.