

3065

Book "E"  
4-879

JAN 17 1918

169

(1)

BOOK 3065

# FIELD NOTES

OF THE SURVEY OF THE

Fractional Subdivision of

TOWNSHIP 28 NORTH, RANGE 6 WEST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

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.

Survey commenced December 22, 1916

Survey completed February 15, 1917.

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

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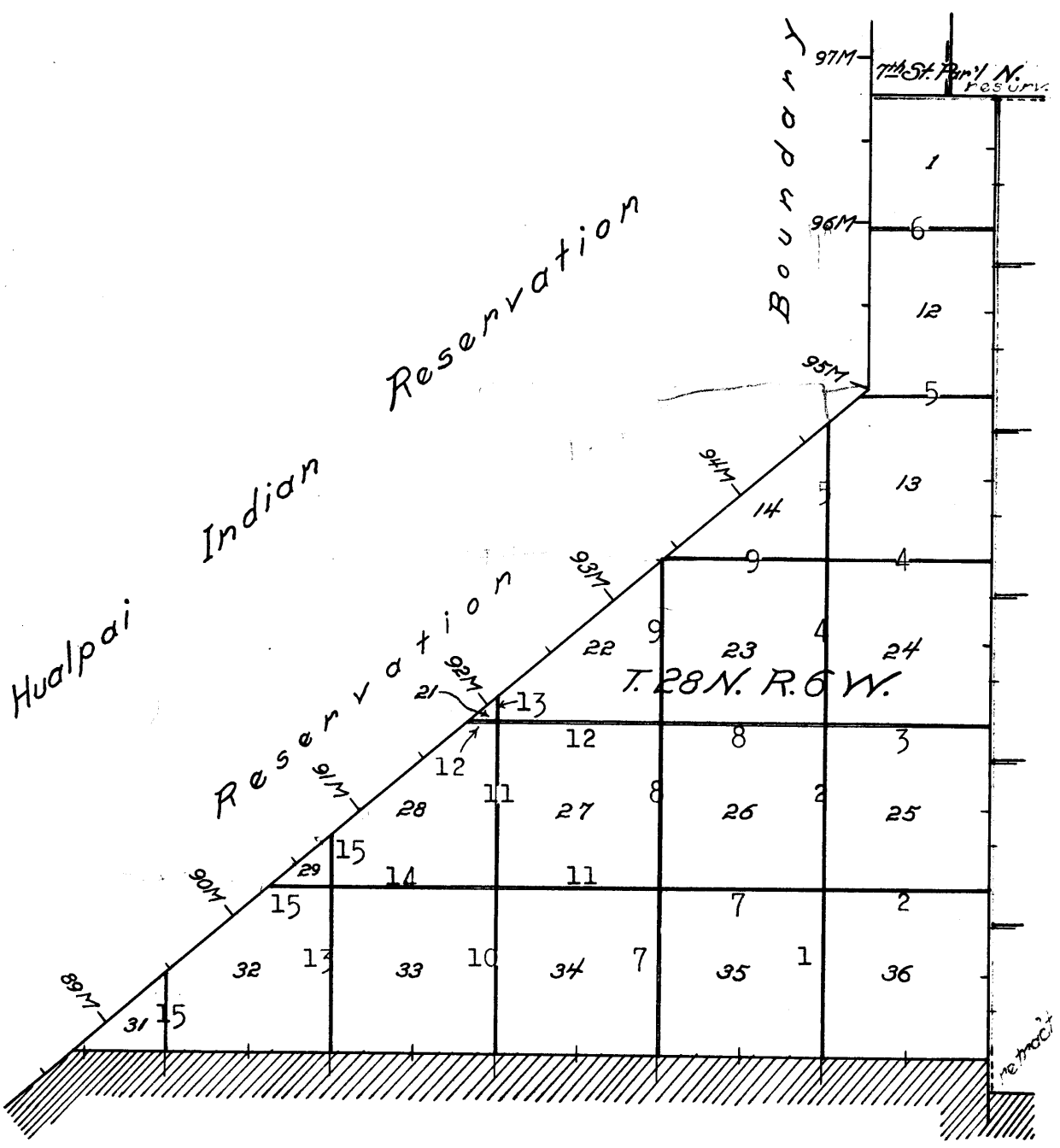
3065




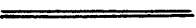




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Book "E"  
Group 53, Arizona  
Special Index Diagram

ECCN 8065



-  Lines surveyed under this group. Notes in this book. (3065)
-  " " " " " " " " Book "F" (3066)
-  " retr. or resurv." " " " " " " " " "F" (3066)
-  " surveyed " " " " " " " " "G" (3067)
-  Accepted surveys.
-  Area subdivided as per accepted plats on file.

Part of Subdivision of T. 28 N., R. 6 W.

1C

Chains.

Survey executed by Heber P. Purington, U. S. Transitman, using Young and Sons light mountain transit No. 8533, with Smith solar attachment.

For complete description of transit and solar attachment together with a record of approval, see beginning of notes in book "A".

Knowing from recent and repeated tests of this transit on a meridian established by observations on Polaris at elongation that it is in adjustment, I proceed to the subdivision of part of T. 28 N., R. 6 W.

Clinometers and 5 chain steel tapes were the instruments employed in the measurement of all lines.

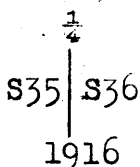
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From the cor. of secs. 1, 2, 35 and 36, S. bdy. of Tp., which is an iron post, 3 ins. diam., properly set, marked and witnessed as described by the Surveyor-General,

N.0°1'W., bet. secs. 35 and 36.

Over rolling land, general SE. slope, through scattering timber.

- 8.00 Road, brs. NW. and SE.
- 11.50 Wash, 30 lks. wide, 3 ft. deep, course SE.
- 20.00 Asc. S. slope, 120 ft., to 35.00 chs.
- 22.30 Mouth of small canyon, from NE.
- 35.00 Top of ascent. Thence over rolling land.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., on surface rock, 26 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap

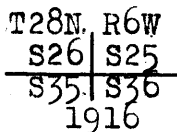


from which

A cedar, 6 ins. diam., brs. S.  $31\frac{1}{4}^{\circ}$ E., 69 lks. dist., marked  $\frac{1}{4}$ S36 BT.

A cedar, 18 ins. diam., brs. N.  $45\frac{1}{2}^{\circ}$ W., 255 lks. dist., marked  $\frac{1}{4}$ S35 BT.

- 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



from which

A pinion, 10 ins. diam., brs. N.  $45\frac{3}{4}^{\circ}$ E., 267 lks. dist., marked T28N R6W S25 BT.

## 2. Part of Subdivision of T. 28 N., R. 6 W.

Chains.

A cedar, 6 ins. diam., brs. S.  $26\frac{1}{2}^{\circ}$  E.,  
315 lks. dist., marked T28N R6W S36 BT.

A cedar, 10 ins. diam., brs. S.  $54\frac{3}{4}^{\circ}$  W.,  
250 lks. dist., marked T28N R6W S35 BT.

A cedar, 7 ins. diam., brs. N.  $43\frac{1}{4}^{\circ}$  W.,  
170 lks. dist., marked T28N R6W S26 BT.

Land, rolling; draining SW.  
Soil, rocky, with caliche subsoil, 3rd rate.  
Timber, scattering cedar and pinion.  
Undergrowth, algerita.  
Grass.

40.00 East on a random line, bet. secs. 25 and 36.  
Set temp.  $\frac{1}{4}$  sec. cor.  
79.98 Intersect E. bdy. of Tp., 9 lks. N. of cor. of secs. 25  
and 36, described in book "F".  
Thence  
N.  $89^{\circ}56'$  W., on a true line, bet. secs. 25 and 36.  
Over rolling land, gently SE. slope, through scattering  
timber and undergrowth.  
39.99 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  
1916

from which

A cedar, 24 ins. diam., brs. N.  $37\frac{3}{4}^{\circ}$  E.,  
120 lks. dist., marked  $\frac{1}{4}$  S25 BT.

A pinion, 20 ins. diam., brs. S.  $24\frac{1}{2}^{\circ}$  W.,  
50 lks. dist., marked  $\frac{1}{4}$  S36 BT.

79.98 Thence over general SW. slope.  
The cor. of secs. 25, 26, 35 and 36.  
Land, gently rolling.  
Soil, rocky, with caliche subsoil, 3rd rate.  
Timber, scattering cedar and pinion.  
Undergrowth, algerita.  
Grass.

13.00 N.  $0^{\circ}1'$  W., bet. secs. 25 and 26.  
15.00 Over rolling land, through scattering timber and under-  
growth.  
23.00 Desc. NW. slope, 20 ft. to  
30.00 Bottom of descent. Asc. SE. slope, 40 ft.  
Change to gradual SW. slope.  
Desc. gradual NE. slope.

Part of Subdivision of T. 28 N. R. 6 W. 3

Chains  
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

S26 | S25  
1916

from which,  
A cedar, 20 ins. diam., brs. S. 6 1/2° E.  
180 lks. dist. mkd. 1/4 S 25 B T.  
A cedar, 30 ins. diam., brs. N. 75 3/4° W.  
162 lks. dist. mkd. 1/4 S 26 B T.

72.00 Desc. gradual NW. slope.

80.00 Set an iron post, 3 ft. long, 2 in. diam., 24 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, mkd. on brass cap

T28N R 6W  
S23 | S24  
S26 | S25  
1916

from which,  
A cedar, 16 ins. diam., brs. N. 22 1/2° E.  
287 lks. dist. mkd. T 28 N R 6 W S 24 B T.  
A cedar, 14 ins. diam., brs. S. 55 3/4° E.  
230 lks. dist. mkd. T 28 N R 6 W S 25 B T.  
A cedar, 8 ins. diam., brs. S. 73 3/4° W.  
235 lks. dist. mkd. T 28 N R 6 W S 26 B T.  
A cedar, 20 ins. diam., brs. N. 72 3/4° W.  
226 lks. dist. mkd. T 28 N R 6 W S 23 B T.

Land, gently rolling.  
Soil, gravelly surface, caliche subsoil, 3rd rate.  
Timber, scattering cedar and pinion.  
Undergrowth, algerita.  
Grass.

40.00 East on a random line bet. secs. 24 and 25.  
Set temp. 1/4 sec. cor.  
80.00 Intersect E. bdy. of Tp., 7 lks. S. of cor. of secs. 24, and 25, described in book "F".

Thence  
S. 89° 57' W. on a true line bet. secs. 24 and 25.  
Over rolling land, through scattering timber and undergrowth.

4.50 Desc. W. slope, 30 ft. to  
Bottom of draw, course N. Asc. 40 ft. to  
15.00 Top of ascent. Thence over gradual NE. slope.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

1/4 S 24  
S 25  
1916

from which,  
A cedar, 18 ins. diam., brs. N. 58 1/4° W.  
302 lks. dist. mkd. 1/4 S 24 B T.  
A pinion, 10 ins. diam., brs. S. 8° W.  
446 lks. dist. mkd. 1/4 S 25 B T.  
Desc. gradual NW. slope.

4 Part of Subdivision of T. 28 N. R. 6 W.

Chains  
 52.50 Bottom of draw, course NE. Thence over gradual rolling  
 NE. slope,  
 80.00 The cor. of secs. 23, 24, 25 and 26:  
 Land, gently rolling.  
 Soil, gravelly surface, caliche subsoil, 3rd rate.  
 Timber, scattering cedar and pinion.  
 Undergrowth, algerita.  
 Grass.

N. 0° 1' W. bet. secs. 23 and 24.  
 Over rolling land, through scattering timber and under-  
 growth.  
 Desc. gradual NW. slope.

32.10 Bottom of draw, course NE. Asc. SE. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., mkd. on brass cap

$\frac{1}{4}$   
 S23 | S24  
 1917

from which,

A cedar, 14 ins. diam., brs. S. 3° E.  
 200 lks. dist. mkd.  $\frac{1}{4}$  S 24 B T.

A cedar, 30 ins. diam., brs. N. 33 $\frac{3}{4}$ ° W.  
 215 lks. dist. mkd.  $\frac{1}{4}$  S 23 B T.

60.00 Top of slope. Desc. NW. slope, 58 ft. to  
 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

T28N R 6W  
 S14 | S13  
 S23 | S24  
 1917

from which,

A cedar, 10 ins. diam., brs. N. 37 $\frac{1}{2}$ ° E.  
 65 lks. dist. mkd. T 28 N R 6 W S 13 B T.

A cedar, 16 ins. diam., brs. S. 39 $\frac{3}{4}$ ° E.  
 103 lks. dist. mkd. T 28 N R 6 W S 24 B T.

A cedar, 8 ins. diam., brs. S. 37 $\frac{1}{2}$ ° W.  
 65 lks. dist. mkd. T 28 N R 6 W S 23 B T.

A cedar, 16 ins. diam., brs. N. 75° W.  
 25 lks. dist. mkd. T 28 N R 6 W S 14 B T.

Land, rolling and hilly.  
 Soil, rocky and sandy clay, 2nd and 3rd rate.  
 Timber, scattering cedar and pinion.  
 Undergrowth, algerita.  
 Grass.

40.00 East on a random line bet. secs. 13 and 24.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.98 Intersect E. bdy. of Tp., 22 lks. S. of cor. of secs.  
 13, 23 and 24, described in book "F".

Thence  
 S. 89° 51' W. on a true line bet. secs. 13 and 24.  
 Over rolling NE. slope, through scattering timber and  
 undergrowth.

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

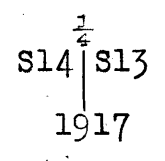
$\frac{1}{4}$  S 13  
 S 24  
 1917

Part of Subdivision of T. 28 N., R. 6 W. 5.

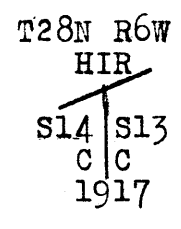
Chains.

79.98 from which  
 A cedar, 4 ins. diam., brs. N.54 $\frac{1}{2}$ °W.,  
 195 lks. dist., marked  $\frac{1}{4}$ S13 BT.  
 A cedar, 6 ins. diam., brs. S.13 $\frac{3}{4}$ °W.,  
 311 lks. dist., marked  $\frac{1}{4}$ S24 BT.  
 The cor. of secs. 13, 14, 23 and 24.  
 Land, rolling.  
 Soil, sandy clay and limestone, 3rd rate.  
 Timber, scattering cedar and pinion.  
 Undergrowth, algerita.  
 Grass.

2.72 N.0°1'W., bet. secs. 13 and 14.  
 35.50 Over rolling E. slope, through scattering timber and under-  
 40.00 growth.  
 Bottom of draw, course NE.  
 Desc. NW. slope.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap



42.20 from which  
 66.00 A cedar, 12 ins. diam., brs. N.50 $\frac{1}{4}$ °E.,  
 157 lks. dist., marked  $\frac{1}{4}$ S13 BT.  
 A pinion, 14 ins. diam., brs. N.26°5'W.,  
 420 lks. dist., marked  $\frac{1}{4}$ S14 BT.  
 Draw, course NE. Continue along gradual SE. slope.  
 Intersect Hualpai Indian Reservation Bdy. 25.64 chs.  
 S.50°W. of the .95 mile cor., which is a limestone, 20  
 ins. above ground, from which  
 A pine, 12 ins. diam., brs. N.89°5'E.,  
 93 lks. dist., marked H I R Cor. # 5 BT.  
 A pine, 30 ins. diam., (blown over) brs. N.43 $\frac{3}{4}$ °W.,  
 94 lks. dist., marked on top side, H I R Cor.  
 # 5 BT.  
 At the point of intersection, set an iron post, 3 ft. long,  
 2 ins. diam., 30 ins. in the ground, for closing cor.  
 of secs. 13 and 14, marked on brass cap



from which  
 A pinion, 6 ins. diam., brs. N.50 $\frac{1}{2}$ °E.,  
 240 lks. dist., marked T28N R6W S13 CC BT.  
 A pinion, 8 ins. diam., brs. S.49 $\frac{3}{4}$ °W.,  
 80 lks. dist., marked T28N R6W S14 CC BT.  
 Land, rolling.  
 Soil, limestone, 3rd rate.  
 Timber, scattering cedar and pinion.  
 Undergrowth, algerita.  
 Grass.

35.00 From the cor. of secs. 12 and 13, E. bdy. of Tp., described  
 40.00 in Book "F"  
 West on a true line, bet. secs. 12 and 13.  
 Over rolling land, through scattering undergrowth.  
 Low ridge, brs. N.40°E. and S.40°W.  
 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



## 6. Part of Subdivision of T. 28 N., R. 6 W.

Chains.		
	$\begin{array}{r} S12 \\ \frac{1}{4} S13 \\ 1916 \end{array}$ <p>from which</p> <p>A cedar, 12 ins. diam., brs. N.4<math>\frac{1}{2}</math>°E., 358 lks. dist., marked <math>\frac{1}{4}</math>S12 BT.</p> <p>A cedar, 8 ins. diam., brs. S.6<math>\frac{3}{4}</math>°E., 50 lks. dist., marked <math>\frac{1}{4}</math>S13 BT.</p>	
50.00	Shallow draw, course N.40°E.	
52.50	Enter cedar timber. Asc. E. slope, on W. side of draw.	
63.03	Intersect SE. Bdy. of Hualpai Indian Reservation, 3.53 chs. S.50°W. of the 95 mile cor., hereinbefore described. At the point of intersection, Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground, in a mound of stone, for closing cor. of secs. 12 and 13, marked on brass cap	
	$\begin{array}{r} T28N R6W \\ R \\ I S12 \\ H S13 CC \\ 1917 \end{array}$ <p>from which</p> <p>A pinion, 4 ins. diam., brs. N.70<math>\frac{1}{2}</math>°E., 123 lks. dist., marked T28N R6W S12 CC BT.</p> <p>A pinion, 8 ins. diam., brs. S.89°E., 153 lks. dist., marked T28N R6W S13 CC BT.</p> <p>Land, rolling. Soil, sandy clay, 2nd rate. Timber, cedar and pinion. Undergrowth, algerita.</p>	
	<p>From the cor. of secs. 1 and 12, E. bdy. of Tp., described in Book "F", West bet. secs. 1 and 12. Over open rolling land, through scattering undergrowth. Asc. in shallow draw, course S.; comes from W.</p>	
5.00	Enter scattering timber, brs. N. and S.	
15.00	Head of draw, course E.	
25.00	Rolling country. Edge of dense timber brs. N.20°E. and S.20°W. Thence along S. side of top of wide low ridge; general drainage S.20°E.	
28.30	Head of draw, course S.40°E. Enter scattering timber. 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	
40.00	$\begin{array}{r} S 1 \\ \frac{1}{4} S12 \\ 1916 \end{array}$ <p>from which</p> <p>A pinion, 12 ins. diam., brs. N.25°E., 205 lks. dist., marked <math>\frac{1}{4}</math>S1 BT.</p> <p>A pinion, 12 ins. diam., brs. S.31<math>\frac{1}{2}</math>°W., 320 lks. dist., marked <math>\frac{1}{4}</math>S12 BT.</p>	
	Desc. over rolling land.	
45.00	Draw, course S.40°E.	
55.00	Asc. gently W, slope of draw.	
60.54	Intersect E. bdy. of Hualpai Indian Reservation, 2.68 chs. S. of the 96 mile cor., which is a sandstone, properly set, marked and witnessed as described by the Surveyor- General.	
	At the point of intersection, Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, in a mound of stone, for closing cor. of secs. 1 and 12, marked on brass cap	

Part of Subdivision of T. 28 N., R. 6 W. 7

Chains

T28N R 6W  
S 1  
S12 CC  
1917

from which,  
A cedar, 6 ins. diam., brs. N. 55 1/2° E.  
45 lks. dist. mkd. T 28 N R 6 W S 1 C C B T.  
A cedar, 12 ins. diam., brs. S. 23 3/4° E.  
140 lks. dist. mkd. T 28 N R 6 W S 12 C C B T.  
Land, rolling.  
Soil, clay, 3rd rate.  
Timber, pinion and cedar.  
Undergrowth, algerita.

From the cor. of secs. 2, 3, 34 and 35, S. bdy. of Tp.,  
which is an iron post, 3 ins. diam., properly set,  
mkd. and witnessed as described by the Surveyor Gen-  
eral,  
N. 0° 1' W. bet. secs. 34 and 35.  
Over rolling SE. slope, 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  
S34 | S35  
1916

from which,  
A cedar, 20 ins. diam., brs. N. 39 1/2° E.  
275 lks. dist. mkd. 1/4 S 35 B T.  
A cedar, 10 ins. diam., brs. N. 11 1/4° W.  
37 lks. dist. mkd. 1/4 S 34 B T.

68.50 Bottom of draw, 4 chs. wide, 30 ft. deep, course NE.  
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, mkd. on  
brass cap

T28N R 6W  
S27 | S26  
S34 | S35  
1916

from which,  
A cedar, 12 ins. diam., brs. N. 61 1/4° E.  
638 lks. dist. mkd. T 28 N R 6 W S 26 B T.  
A cedar, 14 ins. diam., brs. S. 22 1/8° E.  
668 lks. dist. mkd. T 28 N R 6 W S 35 B T.  
A cedar, 10 ins. diam., brs. S. 25 1/2° W.  
132 lks. dist. mkd. T 28 N R 6 W S 34 B T.  
A cedar, 6 ins. diam., brs. N. 35 1/2° W.  
210 lks. dist. mkd. T 28 N R 6 W S 27 B T.

Land, rolling general SE. slope.  
Soil, sandy clay with gravelly surface, 2nd rate.  
Timber, scattering cedar.  
Undergrowth, sagebrush.  
Grass.

40.00 East on a random line bet. secs. 26 and 35.  
80.03 Set temp. 1/4 sec. cor.  
Intersect N. and S. line, 7 lks. N. of cor. of secs.  
25, 26, 35 and 36.  
Thence

8 Part of Subdivision of T. 28 N. R. 6 W.

Chains

N. 89° 57' W. on a true line bet. secs. 26 and 35.  
Over rolling gradual SW. slope, through scattering under-  
growth.

Desc. to

10.00 Asc. gradual NE. slope.

40.01 1/4 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 26  
S 35  
1916

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

45.00 Top of ascent. Desc. SW. slope.

59.30 Road brs. SE. and NW.

59.50 Wash, in bottom of large draw, course SE.

66.90 Draw, 5 chs. wide, 30 ft. deep, course NE. Asc. gradual  
E. slope.

78.00 Thence over rolling land.

80.03 The cor. of secs. 26, 27, 34 and 35.

Land, rolling.

Soil, rocky surface, caliche subsoil, 3rd rate.

Timber, scattering cedar and pinion.

Undergrowth, algerita.

Grass.

N. 0° 1' W. bet. secs. 26 and 27.

Over rolling land, general SE. slope, through scattering  
timber and undergrowth.

11.50 Bottom of draw, 5 chs. wide, 25 ft. deep, course E.

36.70 Wash, 10 lks. wide, 2 ft. deep, 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 27 1/4 S 26  
1916

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

56.30 Wash, 30 lks. wide, 2 ft. deep, course E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 22, 23, 26 and 27, mkd. on  
brass cap

T28N R. 6W  
S22 | S23  
S27 | S26  
1916

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

Land, gently rolling.

Soil, sandy clay, 2nd rate.

Timber, very scattering cedar.

Undergrowth, algerita.

Grass.

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

40.00 Set temp. 1/4 sec. cor.

80.06 Intersect N. and S. line, 10 lks. N. of cor. of secs.  
23, 24, 25 and 26.

Thence

N. 89° 56' W. on a true line bet. secs. 23 and 26.

Over rolling NW. slope, through scattering timber and  
undergrowth.

Part of Subdivision of T 28 N R 6 W 0

Chains

19.00 Desc. gradual slope to  
Asc. gradual E. slope, to  
40.03 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground, in a mound of stone for 1/4 sec. cor., mkd. on brass cap

1/4 S 23  
1/4 S 26  
1916

from which,  
A pinion, 10 ins. diam., brs. N. 48 1/4° E.  
83 lks. dist. mkd. 1/4 S 23 B T.  
A cedar, 10 ins. diam., brs. S. 34 1/2° E.  
185 lks. dist. mkd. 1/4 S 26 B T.

65.70 Desc. along gradual SW. slope, 65 ft., to  
73.50 Desc. W. slope, 100 ft. to  
77.80 Wash, 40 lks. wide, 3 ft. deep, course S.  
80.06 Road brs. N. to Pine Springs and S.  
The cor. of secs. 22, 23, 26 and 27.  
Land, rolling.  
Soil, gravelly with clay, 3rd rate.  
Undergrowth, algerita.  
Grass.

40.00 N. 0° 1' W. bet. secs. 22 and 23.  
Over rolling open valley, drains S.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

1/4 S 22 S 23  
1917

79.16 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.  
Continue descending gradual slope, through valley about one-half mile wide.  
Intersect Hualpai Indian Reservation, 951 lks. S. 50° W, of 93 1/2 mile cor., which is a stone, properly set, mkd. and witnessed as described by the Surveyor General.  
At the point of intersection  
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs. 22 and 23, mkd. on brass cap

T 28 N R 6 W  
H R  
S 22 S 23  
C C  
1917

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor.  
Land, rolling.  
Soil, 2nd rate.  
No timber.  
Grass.

.50 From the cor. of secs. 13, 14, 23 and 24.  
West bet. secs. 14 and 23. Over rolling land.  
Bottom of draw, course NE.  
10.00 Asc. E. slope, through scattering timber.  
Mouth of draw, course NW.  
13.90 Edge of dense timber, brs. N. and S.

10 Part of Subdivision of T. 28 N., R. 6 W.

Chains

- 15.00 Top of hill.
- 20.00 Leave timber brs. NE. and SW.
- 25.00 Cross open draw, course S. Enter scattering timber.
- 30.00 Asc. E. slope, 57 ft. to
- 40.00 Top of ridge brs. N. 40° E. and S. 30° E.

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

$\frac{1}{4}$  S 14  
 $\frac{1}{4}$  S 23  
 1916

from which,

A pinion, 4 ins. diam., brs. N. 19° 10' E.  
 168 lks. dist. mkd.  $\frac{1}{4}$  S 14 B T.

A pinion, 15 ins. diam., brs. S. 63 $\frac{1}{4}$ ° E.  
 77 lks. dist. mkd.  $\frac{1}{4}$  S 23 B T.

Thence over rolling land, descending W. slope, 50 ft., through dense timber.

- 63.00 Draw, course SE. Thence along face of SW. slope.
- Desc. W. slope, 151 ft. to

- 79.06 Intersect Hualpai Indian Reservation, 820 lks. S. 50° W. of 93 $\frac{1}{2}$  mile cor., 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. 14 and 23, mkd. on brass cap

T28 N R 6 W

~~HS 14 c c~~  
~~S 23~~  
 1917

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

Land, rolling and hilly.  
 Soil, 2nd rate.  
 Timber, scattering cedar, and pinion.

From the cor. of secs. 3, 4, 33 and 34, S. bdy. of Tp., which is an iron post, 3 ins. diam., properly set, mkd. and witnessed as described by the Surveyor General

N. 0° 2' W. bet. secs. 33 and 34.  
 Over rolling land, thru scattering timber and undergrowth.

- 2.50 Center of draw, 4 chs. wide, course E. Asc. SE. slope to
- 30.00 Desc. 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 33 S 34  
 1916

from which,

A pinion, 10 ins. diam., brs. N. 18 $\frac{1}{2}$ ° E.  
 83 lks. dist. mkd.  $\frac{1}{4}$  S 34 B T.

A pinion, 10 ins. diam., brs. N. 47° W.  
 115 lks. dist. mkd.  $\frac{1}{4}$  S 33 B T.

- 49.00 Asc. gradual SE. slope.
- 62.00 Desc. gradual NW. slope.
- 76.00 Bottom of broad shallow draw, course NE. Asc. gradual SE. slope.
- 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

Part of Subdivision of T. 28 N. R. 6 W. 11

Chains

T28N R 6W  
S28|S27  
S33|S34  
1916

from which,

- A cedar, 14 ins. diam., brs. N. 52 $\frac{1}{2}$ ° E.  
132 lks. dist. mkd. T 28 N R 6 W S 27 B T.
- A cedar, 14 ins. diam., brs. S. 35 $\frac{1}{2}$ ° E.  
625 lks. dist. mkd. T 28 N R 6 W S 34 B T.
- A cedar, 20 ins. diam., brs. S. 56° W.  
119 lks. dist. mkd. T 28 N R 6 W S 33 B T.
- A cedar, 30 ins. diam., brs. N. 66 $\frac{1}{2}$ ° W.  
9 lks. dist. mkd. T 28 N R 6 W S 28 B T.

Land, rolling, general NE. slope.  
Soil, sandy clay, 2nd rate.  
Timber, cedar and pinion.  
Undergrowth, scattering algerita.  
Grass.

East on a random line bet. secs. 27 and 34.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.92 Intersect N. and S. line, 11 lks. N. of cor. of secs. 26, 27, 34 and 35.

Thence

N. 89° 55' W. on a true line bet. secs. 27 and 34.  
Over rolling SE. slope, through scattering timber and undergrowth.

- 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 27  
S 34  
1916

from which,

- A cedar, 24 ins. diam., brs. N. 9 $\frac{1}{4}$ ° E.  
98 lks. dist. mkd.  $\frac{1}{4}$  S 27 B T.
- A cedar, 10 ins. diam., brs. S. 5 $\frac{1}{4}$ ° E.  
43 lks. dist. mkd.  $\frac{1}{4}$  S 34 B T.

Asc. gradual NE. slope.  
Desc. gradual NW. slope, to  
72.00 Bottom of broad shallow draw, course NE. Asc. gradual SE. slope.

- 79.92 The cor. of secs. 27, 28, 33 and 34.

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

N. 0° 2' W. bet. secs. 27 and 28.  
Over rolling land, through dense timber and undergrowth.  
Asc. gradual SE. slope, 50 ft. to

- 12.00 Top of ascent. Desc. NW. slope, 29 ft.
- 17.50 Leave timber brs. NE. and SW.
- 21.00 Bottom of draw, course NE. Asc. gradual SE. slope.
- 24.00 Enter timber brs. NE. and SW.
- 39.93 Top of 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

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

from which,

12 Part of Subdivision of T. 28 N. R. 6 W.

Chains

A cedar, 12 ins. diam., brs. N. 45° E.  
97 lks. dist. mkd. 1/4 S 27 B T.  
A cedar, 16 ins. diam., brs. S. 72 3/4° W.  
194 lks. dist. mkd. 1/4 S 28 B T.

Desc. NW. slope.

62.80 Bottom of draw, course NE. Asc. S. slope.

79.00 Top of slope. Thence over rolling land.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, mkd. on brass cap

T28N R 6W  
S21|S22  
S28|S27  
1917

from which,

A pinion, 8 ins. diam., brs. N. 55 1/4° E.  
156 lks. dist. mkd. T 28 N R 6 W S 22 B T.  
A pinion, 10 ins. diam., brs. S. 74 1/2° E.  
179 lks. dist. mkd. T 28 N R 6 W S 27 B T.  
A cedar, 10 ins. diam., brs. S. 66 1/2° W.  
10 lks. dist. mkd. T 28 N R 6 W S 28 B T.  
A cedar, 10 ins. diam., brs. N. 71° W.  
7 lks. dist. mkd. T 28 N R 6 W S 21 B T.

Land, rolling, general E. drainage.

Soil, sandy clay, 2nd rate.

Timber, cedar and pinion.

Undergrowth, algerita. -- Grass.

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

40.00 Set temp. 1/4 sec. cor.

79.94 Intersect N. and S. line, 10 lks. N. of cor. of secs. 22, 23, 26 and 27.

Thence

N. 89° 56' W. on a true line bet. secs. 22 and 27.

Over rolling land, through scattering timber and undergrowth.

25.00 Enter dense timber brs. NE. and SW.

Asc. 46 ft. to

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

1/4 S 22  
1/4 S 27  
1917

from which,

A pinion, 16 ins. diam., brs. N. 81 1/4° E.  
57 lks. dist. mkd. 1/4 S 22 B T.  
A pinion, 8 ins. diam., brs. S. 13 1/4° W.  
215 lks. dist. mkd. 1/4 S 27 B T.

42.00 Top of ascent. Desc. SW. slope.

55.00 Bottom of slope. Asc. E. slope, 60 ft. to

64.00 Top of ascent. Desc. SW. slope, 29 ft. to

69.00 Bottom of descent. Asc. SE. slope, 23 ft. to

73.00 Top of ascent. Thence over rolling land.

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

Land, rolling and hilly.

Soil, sandy clay, 2nd rate.

Timber, cedar and pinion.

Grass.

West bet. secs. 21 and 28.

Over rolling NW. slope, through scattering timber.

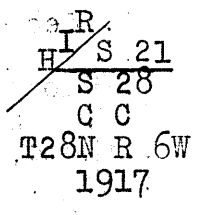
Desc. 46 ft. to

14.51 Intersect SE. bdy. of Hualpai Indian Reservation

Chains

12.70 chs. S. 50° W. of 92 mile cor. which is a stone properly set, mkd. and witnessed as described by the Surveyor General

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. 21 and 28 mkd. on brass cap



from which,  
 A cedar, 10 ins. diam., brs. N. 58° E.  
 210 lks. dist. mkd. T 28 N R 6 W S 21 C C B T.  
 A cedar, 8 ins. diam., brs. S. 31 1/4° E.  
 205 lks. dist. mkd. T 28 N R 6 W S 28 C C B T.

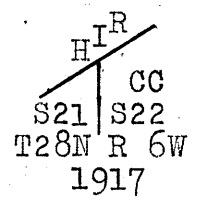
Land, rolling NW. slope.  
Soil, sandy loam, gravelly surface, 2nd rate.  
Timber, pinion and cedar.

12.20

N. 0° 2' W. bet. secs. 21 and 22.  
Over rolling N. slope, through timber.  
Desc. 58 ft. to

Intersect SE. bdy. of Hualpai Indian Reservation, 6.28 chs. N. 50° E. of 92 mile cor., which is a stone, properly set, mkd. and witnessed as described by the Surveyor General.

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. 21 and 22, mkd. on brass cap



from which,  
 A cedar, 14 ins. diam., brs. S. 7 1/2° E.  
 16 lks. dist. mkd. T 28 N R 6 W S 22 C C B T.  
 A cedar, 10 ins. diam., brs. S. 26 1/4° W.  
 114 lks. dist. mkd. T 28 N R 6 W S 21 C C B T.

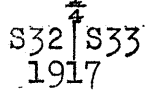
Land, rolling.  
Soil, sandy clay, 2nd rate.  
Timber, cedar and pinion.  
Grass.

4.50  
35.00  
40.00

From the cor. of secs. 4, 5, 32 and 33, S. bdy. of Tp., which is an iron post, 3 ins. diam., properly set, mkd. and witnessed as described by the Surveyor General,

N. 0° 3' W. bet. secs. 32 and 33.  
Over rolling land, N. slope, through scattering timber.  
Bottom of draw, course E. Asc. S. slope, 70 ft. to  
Top of slope. Continue along gradual E. slope.

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





14 Part of Subdivision of T 28 N R 6 W

Chains

from which,  
 A cedar, 10 ins. diam., brs. S.  $57\frac{1}{2}^{\circ}$  E.  
 21 lks. dist. mkd.  $\frac{1}{4}$  S 33 B T.  
 A cedar, 20 ins. diam., brs. N.  $31^{\circ}$  W.  
 28 lks. dist. mkd.  $\frac{1}{4}$  S 32 B T.  
 Desc. N. slope, 30 ft. to  
 46.20 Wash, 6 lks. wide, 2 ft. deep, course NE. Continue along  
 E. slope.  
 53.96 Wash, 10 lks. wide, 3 ft. deep, course E. Asc. SE. slope  
 29 ft. to  
 58.00 Top of slope. Desc. NE. slope, 23 ft. to  
 63.50 Bottom of draw, course SE. Asc. SW. slope, 64 ft. to  
 72.00 Top of slope. Desc. N. slope, 23 ft. to  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 28, 29, 32 and 33, mkd.  
 on brass cap

T28N-R.6W  
 S29|S28  
 S32|S33  
 .1917

from which,  
 A cedar, 10 ins. diam., brs. N.  $68\frac{1}{2}^{\circ}$  E.  
 74 lks. dist. mkd. T 28 N R 6 W S 28 B T.  
 A cedar, 14 ins. diam., brs. S.  $54\frac{1}{2}^{\circ}$  E.  
 66 lks. dist. mkd. T 28 N R 6 W S 33 B T.  
 A cedar, 16 ins. diam., brs. S.  $24\frac{1}{4}^{\circ}$  W.  
 65 lks. dist. mkd. T 28 N R 6 W S 32 B T.  
 A pinion, 10 ins. diam., brs. N.  $46\frac{1}{4}^{\circ}$  W.  
 66 lks. dist. mkd. T 28 N R 6 W S 29 B T.  
 Land, rolling.  
 Soil, sandy clay, 2nd rate.  
 Timber, dense cedar and pinion.

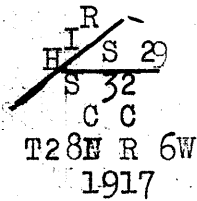
East on a random line bet. secs. 28 and 33.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.15 Intersect N. and S. line, 2 lks. N. of cor. of secs. 27,  
 28, 33 and 34.  
 Thence  
 N.  $89^{\circ} 59'$  W. on a true line bet. secs. 28 and 33.  
 Over rolling land, through timber.  
 Asc. SE. slope, 100 ft. to  
 13.50 Top of slope. Desc. NW. slope, 23 ft. to  
 28.30 Bottom of draw, course NE. Asc. SE. slope, 29 ft. to  
 40.07 $\frac{1}{2}$  Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., mkd. on brass cap

$\frac{1}{4}$  S 28  
 $\frac{1}{4}$  S 33  
 1917

from which,  
 A cedar, 9 ins. diam., brs. N.  $39^{\circ}$  E.  
 36 lks. dist. mkd.  $\frac{1}{4}$  S 28 B T.  
 A cedar, 20 ins. diam., brs. S.  $38\frac{1}{4}^{\circ}$  E.  
 35 lks. dist. mkd.  $\frac{1}{4}$  S 33 B T.  
 68.00 Desc. gradually along NW. slope.  
 80.15 The cor. of secs. 28, 29, 32 and 33.  
 Land, rolling.  
 Soil, sandy clay, gravelly surface, 3rd rate.  
 Timber, dense cedar, pinion and scrub oak.  
 Undergrowth, buckbrush.  
 Grass.

Chains

West bet. secs. 29 and 32.  
 Over rolling land, through dense timber.  
 Desc. NW. slope.  
 3.00 Bottom of draw, course NE. Asc. SE. slope.  
 9.00 Top of slope. Desc. SW. slope.  
 20.00 Bottom of slope. Continue along rolling N. slope.  
 30.10 Intersect SE. bdy. of Hualpai Indian Reservation 17.15  
 chs. S. 50° W. of 90 1/2 mile cor., which is a  
 stone, properly set, mkd. and witnessed as described  
 by the Surveyor General.  
 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. 29 and 32,  
 mkd. on brass cap

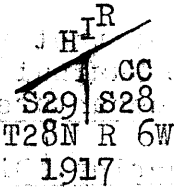


from which,

- A cedar, 10 ins. diam., brs. N. 77 1/2° E.  
165 lks. dist. mkd. T 28 N R 6 W S 29 C C B T.
- A cedar, 14 ins. diam., brs. S. 30 1/4° W.  
105 lks. dist. mkd. T 28 N R 6 W S 32 C C B T.

Land, rolling.  
 Soil, sandy clay, 2nd rate.  
 Timber, dense cedar and pinion.

N. 0° 3' W. bet. secs. 28 and 29.  
 Over rolling N. slope, through dense timber.  
 Desc. 29 ft. to  
 31.60 Bottom of draw, course NE. Asc. gradual SE. slope.  
 18.00 Desc. gradual N. slope.  
 25.09 Intersect SE. bdy. of Hualpai Indian Reservation, 18.09  
 chs. S. 50° W. of 91 mile cor., which is a stone  
 properly set, mkd. and witnessed as described by the  
 Surveyor General.  
 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. 28 and 29,  
 mkd. on brass cap



from which,

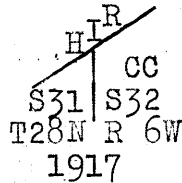
- A pinion, 8 ins. diam., brs. S. 54° E.  
174 lks. dist. mkd. T 28 N R 6 W S 28 C C B T.
- A cedar, 1 1/2 ins. diam., brs. S. 23° W.  
220 lks. dist. mkd. T 28 N R 6 W S 29 C C B T.

Land, rolling.  
 Soil, sandy clay, gravelly surface, 2nd rate.  
 Timber, dense cedar, pinion and scrub oak.  
 Grass.

From the cor. of secs. 5, 6, 31 and 32, S. bdy. of Tp.,  
 which is an iron post, 3 ins. diam., properly set,  
 mkd. and witnessed as described by the Surveyor Gen-  
 eral,  
 N. 0° 3' W. bet. secs. 31 and 32.  
 Over rolling land, through dense timber and undergrowth.

16 Part of Subdivision of T. 28 N. R. 6 W.

Chains  
 4.00 Desc. gradual NE. slope.  
 8.60 Leave timber brs. E. and W.  
 10.33 Wash, 30 lks. wide, 3 ft. deep, course E.  
 12.10 Road brs. S. 70° E. and N. 70° W.  
 13.50 Wash, 30 lks. wide, 2½ ft. deep, course E.  
 16.00 Asc. gradual SE. slope.  
 28.00 Enter dense timber, brs. E. and W.  
 37.74 Desc. gentle NE. slope.  
 Intersect SE. bdy. of Hualpai Indian Reservation, 252 lks. S. 50° W. of 89½ mile cor., which is a stone, properly set, mkd. and witnessed as described by the Surveyor General.  
 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. 31 and 32, mkd. on brass cap



from which,  
 A cedar, 20 ins. diam., brs. S. 8° E.  
 530 lks. dist. mkd. T 28 N R 6 W S 32 C C B T.  
 A cedar, 18 ins. diam., brs. S. 32° W.  
 354 lks. dist. mkd. T 28 N R 6 W S 31 C C B T.  
 Land, rolling.  
 Soil, sandy clay, gravelly surface, 2nd rate.  
 Timber, dense cedar and pinion.  
 Grass.

GENERAL DESCRIPTION

The part of T. 28 N., R. 6 W., lying outside of the Hualpai Indian Reservation consists of rolling land, draining to the south and east. There is a scattering growth of cedar and pinion timber in the eastern part, which becomes denser in the western part. Most of the township is good grazing land, but is without water. Undergrowth consists of buckbrush and algerita. A road runs northerly thru the central part of the township to Pine Springs. There are no settlers.

Boundaries of that Part of T. 28 N., R. 6 W., lying outside the Hualpai Indian Reservation.  
 Latitudes, departures and closing errors.

Line designated.	True bearing.	Dist. chs.	Latitudes		Departures	
			N. chs.	S. chs.	E. chs.	W. chs.
South Boundary	West	444.95				444.95
Hualpai Indian Reservation	N. 50° E.	501.77	322.15		383.92	
	North	142.99	142.99			
North Boundary	East	60.23			60.23	
East Boundary	South	465.66		465.66		
Convergency					.20	
Totals			465.14	465.66	444.35	444.95
			465.66	465.14		444.35
Error in latitude			.66	.52		
Error in departure						.60

Book "E"  
Group 53 - - Arizona.  
Township 28 North, Range 6 West.

BOOK 3065

DATE DIAGRAM.

NAME	CAPACITY	7th Std. Per. N.	
		1	12
		2-13-17	
			2-10-17
			13
		2-14-17	1-10-17
			24
		1-9-17	2-15-17
		1-9-17	12-30-16
			12-28-16
		29	28
		27	26
		1-4-17	12-30-16
			12-23-16
			12-22-16
		32	33
		34	35
			36

HUALPAI INDIAN RESERVATION

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

Fractional Subdivision Lines of

TOWNSHIP 28 NORTH, RANGE 6 WEST,

BOOK 3065

of the Gila and Salt

River Base & Meridian, in the State of Arizona, which are represented in and by diagram on reverse hereof the foregoing field notes, as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Group 53, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Heber P. Purington 1-11-15  
U. S. Transitman.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, October 25, 1918.

The foregoing field notes of the survey of the

Fractional Subdivision of

TOWNSHIP 28 NORTH, RANGE 6 WEST,

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

executed by Heber P. Purington, U. S. Transitman,

under ~~his~~ special instructions dated March 4, 1915, for Group 53, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank D. [Signature]  
U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above described surveys in Book "B" of Group 53, has been correctly copied from the original notes on file in this office.