

2420

4-879

Book "B"

BOOK 2420

SEP 3-1912

FIELD NOTES

OF THE SURVEY OF THE

Subdivision of Fract. T. 27N., R. 7 W.

Of the Gila and Salt River, Base and Meridian,

In the State of Arizona.

EXECUTED BY

William H. Elliott

In the capacity of U. S. Surveyor, under instructions dated Feb 25, 1912, issued by the United States Surveyor General to govern surveys included in Group No. 16, which were approved by the Commissioner of the General Land Office, March 1, 1912, pursuant to authority contained in the Act of Congress dated June 25, 1910.

Survey commenced June 10, 1912, 191

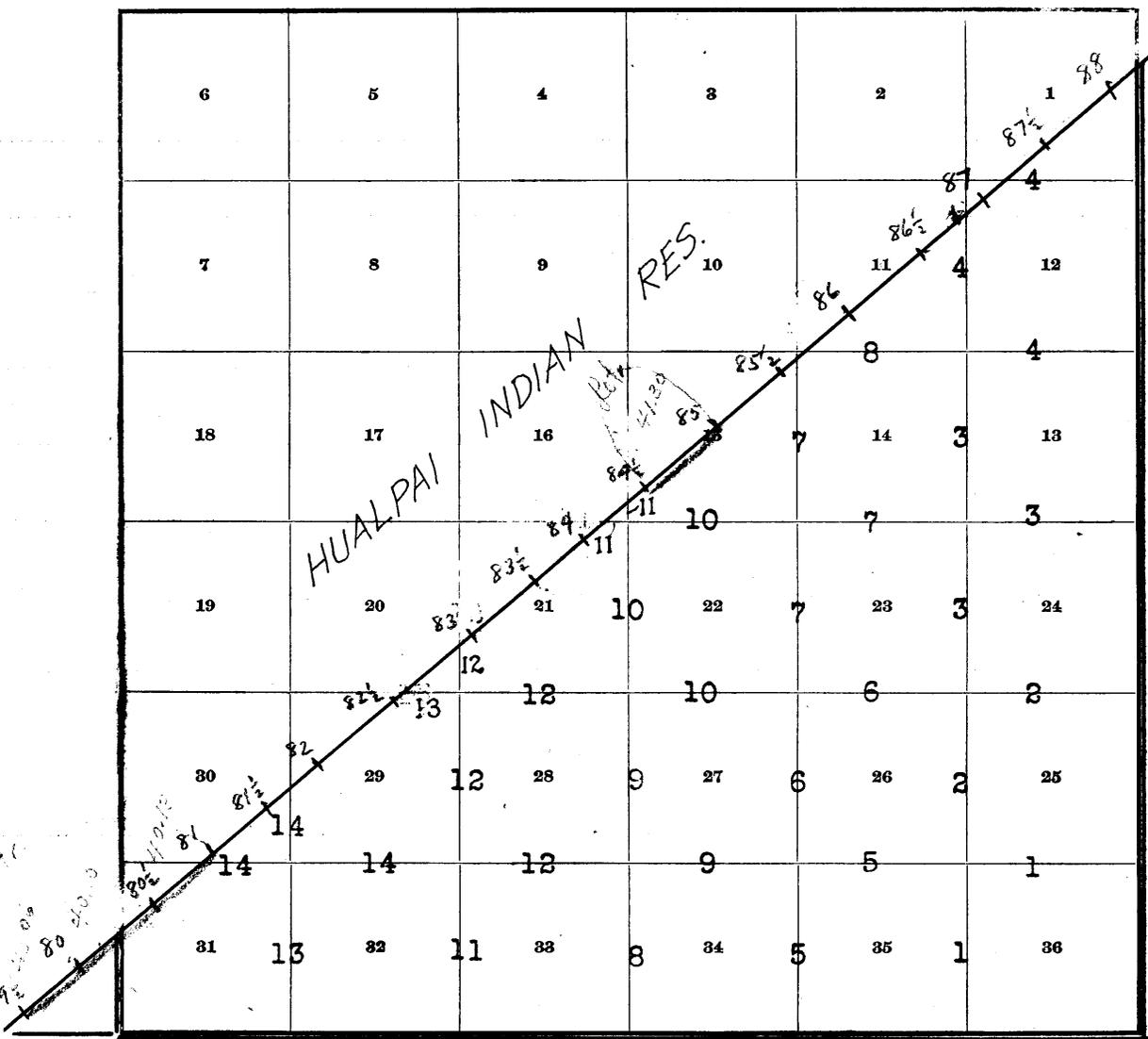
Survey completed June 14, 1912, 191

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BOOK 2420

INDEX DIAGRAM.

Township 27 N., Range 7 W.



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Subdivision of Fract. T. 27 N., R. 7 W.

Chains.	<p>Survey commenced June 10, 1912, and executed with a Young & Sons light mountain transit, No. 8480, with Smith's patent solar attachment on the side. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.</p> <p>For examination and tests of instrument, see field-notes of subdivision of T. 24 N., R. 6 W., of this group.</p> <p>June 10: At 7h., a.m., l.m.t., I set off $23^{\circ}22'N.$ on the decl. arc; $35^{\circ}41'N.$ on the lat. arc; and determine a meridian with the solar at the cor. of secs. 1, 2, 35 and 36 on the S. bdy. as recently established by Jesse B. Wright, & described in Book 5</p> <p>Thence I run</p> <p>$N.0^{\circ}1'W.$, bet. secs. 35 and 36.</p> <p>Over mountainous land, through cedar and pinon; asc.</p>
16.00	Ridge, ENE. & SW.; desc
26.00	Draw, 2 chs. wide, course ENE.
35.00	Draw, 2 chs. wide, course ENE.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$ S 35 in W., and
	$\frac{1}{4}$ S 36 in E. half; from which
	A pinon, 8 ins. dia., bears $S.11^{\circ}E.35$ lks. dist., marked
	$\frac{1}{4}$ S 36 B T
	A pinon, 12 ins. dia., bears $S.70^{\circ}W.75$ lks. dist., marked
	$\frac{1}{4}$ S 35 B T
42.00	Draw, 1 ch. wide, course ENE.; asc.
58.00	Ridge, E. & W.; desc.
76.00	Draw, 1 ch. wide, course NE.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 25, 26, 35 & 36, marked on brass cap
	T 27 N R 7 W in N. half;
	S 26 in NW.,
	S 25 in NE.,
	S 36 in SE., and
	S 35 in SW. quadrants; from which
	A cedar, 12 ins. dia., bears $N.18^{\circ}E.73$ lks. dist., marked
	T 27 N R 7 W S 25 B T
	A cedar, 8 ins. dia., bears $S.5^{\circ}E.135$ lks. dist., marked
	T 27 N R 7 W S 36 B T
	A cedar, 15 ins. dia., bears $S.64^{\circ}W.27$ lks. dist., marked
	T 27 N R 7 W S 35 B T
	A cedar, 10 ins. dia., bears $N.17^{\circ}W.92$ lks. dist., marked
	T 27 N R 7 W S 26 B T
	Land, high, rolling.
	Soil, gravelly, rocky, 3rd rate.
	Cedar and pinon.
	Poor grass.
40.00	S. $89^{\circ}58'E.$, on a random line bet. secs. 25 and 36.
80.04	Set temp. $\frac{1}{4}$ sec. cor.
	Intersect E. bdy. of Tp. 5 lks. S. of cor. of secs. 25, 30, 31 & 36 as recently established by Jesse B. Wright, & described in Book 5
	Thence I run
	West, on a true line bet. secs. 25 and 36.
40.02	Over high rolling land, through cedar and pinon.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$ S 25 in N., and
	$\frac{1}{4}$ S 36 in S. half; from which
	A cedar, 10 ins. dia., bears $S.2^{\circ}W.35$ lks. dist., marked
	$\frac{1}{4}$ S 36 B T
	A cedar, 14 ins. dia., bears $N.46^{\circ}E.106$ lks. dist., marked
	$\frac{1}{4}$ S 25 B T
60.50	Draw, 50 lks. wide, course NE.; near head; asc.
65.00	Ridge, NE. & SW.; desc.
77.50	Draw, 1 ch. wide, course NNE.
80.04	Cor. of secs. 25, 26, 35 and 36, hereinbefore described
	Land, high rolling. Soil, gravelly, rocky, 3rd rate.
	Cedar and pinon. Fair grass.

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Chains.	N. 0° 1' W., bet. secs. 25 and 26 Over high mountainous land, through scattering timber.
20.00	Draw, 75 lks. wide, course NE.; asc.
30.00	Ridge, NE. & SW.; desc.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S 26 in W., and S 25 in E. half; from which A scrub oak, 6 ins. dia., bears S. 1° W. 161 lks. dist., marked $\frac{1}{4}$ S 26 B T A cedar, 15 ins. dia., bears N. 53° E. 45 lks. dist., marked $\frac{1}{4}$ S 25 B T
61.00	Draw, 6 chs. wide, course NE.; asc.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 23, 24, 25 & 26, marked on brass cap T 27 N R 7 W in N. half; S 23 in NW., S 24 in NE. S 25 in SE.; and S 26 in SW. quadrants; from which A cedar, 6 ins. dia., bears N. 36° E. 90 lks. dist., marked T 27 N R 7 W S 24 B T A cedar, 14 ins. dia., bears S. 14° E. 136 lks. dist., marked T 27 N R 7 W S 25 B T A cedar, 12 ins. dia., bears S. 67° W. 38 lks. dist., marked T 27 N R 7 W S 26 B T A cedar, 14 ins. dia., bears N. 75° W. 36 lks. dist., marked T 27 N R 7 W S 23 B T Land, high, rolling. Soil, gravelly, stoney, 3rd rate. Scattering cedar, scrub oak and pine. Poor grass: At this cor. at noon I set off 23° 2 $\frac{1}{2}$ ' N. on the decl. arc; and observe the sun on the meridian. The resulting lat. is 35° 42 $\frac{1}{2}$ ' N.
40.00	East, on a random line bet. secs. 24 and 25. Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect E. bdy. of Tp. 5 lks. S. of cor. of secs. 19, 24, 25 & 30, as recently established by Jesse B. Wright, & described in Book 5 Thence I run S. 89° 58' W., on a true line bet. secs. 24 and 25. Over rolling land; asc. in draw
4.00	Enter dense cedar, NE. & SW. leave draw.
16.00	Ridge, NE. & SW.; cedar becomes scattering; desc.
40.03	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S 24 in N., and S 25 in S. half; from which A cedar, 20 ins. dia., bears S. 27° E. 102 lks. dist., marked $\frac{1}{4}$ S 25 B T A cedar, 28 ins. dia., bears N. 89° E. 185 lks. dist., marked $\frac{1}{4}$ S 24 B T
46.00	Draw, 10 chs. wide, course NE.; asc.
64.00	Ridge, NE. & SW.; desc.
70.00	Draw, 4 chs. wide, course NE.
80.06	Cor. of secs. 23, 24, 25 and 26. hereinbefore described Land, high rolling. Soil, sandy loam, mixed with gravel and rock, 2nd and 3rd rate. Cedar, scrub oak and scattering pine. Fair grass.

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chains.

N. 0° 1' W., bet. secs. 23 and 24.
 Over E. points of spurs, through scattering cedar and oak brush.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 $\frac{1}{4}$ S 23 in W., and
 $\frac{1}{4}$ S 24 in E. half; from which
 A cedar, 20 ins. dia., bears S. 7 $\frac{1}{2}$ ° E. 140 lks. dist., marked
 $\frac{1}{4}$ S 24 B T
 A cedar, 8 ins. dia., bears S. 24° W. 170 lks. dist., marked
 $\frac{1}{4}$ S 23 B T

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground, on bed rock, in mound of stone, 3 ft. base, 2 ft. high, for cor. of secs. 13, 14, 23 & 24, marked on brass cap
 T 27 N R 7 W in N. half;
 S 14 in NW.,
 S 13 in NE.,
 S 24 in SE., and
 S 23 in SW. quadrants; from which
 A cedar, 6 ins. dia., bears S. 85 $\frac{1}{4}$ ° W. 60 lks. dist., marked
 T 27 N R 7 W S 23 B T No other trees.
 Pits impracticable.
 raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 Land, rolling, rough.
 Soil, stoney, rocky, 3rd rate.
 Cedar and oak brush.
 Poor grass.

June 10, 1913.

June 11: At 7h., a.m., l.m.t., I set off 23° 6 $\frac{1}{2}$ ' N. on the decl. arc; 35° 43 $\frac{1}{2}$ ' N. on the lat. arc; and determine a meridian with the solar at the cor. of secs. 13, 14, 23 and 24, above described
 Thence I run
 N. 89° 58' E., on a random line bet. secs. 13 and 24.

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

80.06 Intersect E. bdy. of Tp. 5 lks. S. of cor. of secs. 13, 18, 19 & 24, as recently established by Jesse B. Wright, & described in Book 5
 Thence I run
 S. 89° 56' W., on a true line bet. secs. 13 and 24.
 Over heavy rolling land, through dense brush and timber.

23.00 Draw, 3 chs. wide, course NE.

40.03 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 $\frac{1}{4}$ S 13 in N., and
 $\frac{1}{4}$ S 24 in S. half; from which
 A pinon, 7 ins. dia., bears N. 65° W. 69 lks. dist., marked
 $\frac{1}{4}$ S 13 B T
 A cedar, 9 ins. dia., bears S. 36 $\frac{1}{4}$ ° W. 66 lks. dist., marked
 $\frac{1}{4}$ S 24 B T

80.06 Cor. of secs. 13, 14, 23 and 24, hereinbefore described
 Land, heavy rolling.
 Soil, stoney, rocky, 3rd rate.
 Cedar, pinon and scrub oak.
 Poor grass.

N. 0° 1' W., bet. secs. 13 and 14.
 Desc. N. slope of spur, through dense brush and scattering timber.

11.00 Draw, 2 chs. wide, course ENE.; asc.

22.00 Ridge, ENE. & WSW.; desc.

38.00 Draw, 150 lks. wide, course ENE.; asc.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 $\frac{1}{4}$ S 14 in W., and
 $\frac{1}{4}$ S 13 in E. half; from which
 A cedar, 6 ins. dia., bears N. 51 $\frac{1}{2}$ ° E. 70 lks. dist., marked
 $\frac{1}{4}$ S 13 B T
 A cedar, 26 ins. dia., bears S. 39 $\frac{1}{2}$ ° W. 17 lks. dist., marked
 $\frac{1}{4}$ S 14 B T

48.00 Spur, ENE. & WSW.; desc.

59.00 Draw, 2 chs. wide, course ENE.; asc.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 11, 12, 13 & 14, marked on brass cap
 T 27 N R 7 W in N. half; S 11 in NW., S 12 in NE., S 13 in SE., and S 14 in SW. quadrants;
 raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

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Chains. N. 89°56'E., on a random line bet. secs. 12 and 13.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect E. bdy. of Tp. 5 lks. N. of cor. of secs. 7, 12, 13 & 18,
 as recently established by Jesse B. Wright, & described in Book 5
 Thence I run
 S. 89°58'W., on a true line bet. secs. 12 and 13.
 Over rolling land, through scattering oak brush and cedar.
 8.00 Enter flat, drains NE.
 40.01 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 $\frac{1}{4}$ S 12 in N. half, and
 $\frac{1}{4}$ S 13 in S. half; from which
 A cedar, 36 ins. dia., bears N. 80 $\frac{1}{4}$ °E. 147 lks. dist., marked
 $\frac{1}{4}$ S 12 B T
 A cedar, 24 ins. dia., bears S. 65 $\frac{1}{2}$ °E. 241 lks. dist., marked
 $\frac{1}{4}$ S 13 B T
 64.00 Leave flat and over rolling land.
 80.02 Cor. of secs. 11, 12, 13 and 14, hereinbefore described.
 Land, rolling 24 chs., nearly level, 56 chs.
 Soil, sandy loam, 2nd rate, 56 chs, gravelly, stoney, 3rd rate
 24 chs.
 Scattering oak brush and cedar.
 Fair grass.
 At this cor. at noon I set off 23°7'N. on the decl. arc; and
 observe the sun on the meridian.
 The resulting lat. is 35°44 $\frac{1}{2}$ 'N.

N. 0°1'W. bet. secs. 11 and 12.
 Desc. through dense cedar and brush.
 17.00 Draw, 2 chs. wide, course NE.; asc.
 32.00 Draw, 6 chs. wide, course ENE.; cedar and brush becomes sparse.
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 $\frac{1}{4}$ S 11 in W., and
 $\frac{1}{4}$ S 12 in E. half;
 dig pits, 18x18x12 ins., N. & S. of post, 3 ft. dist.; and
 raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 53.00 Ridge, NE. & SW.; desc.
 64.26 Intersect SE. bdy. of Hualpai Indian Reservation at a point
 from which mile cor. 87 bears N. 50°E. 10.40 chs. dist.;
 which is a sandstone 14x6x6 ins. above ground, marked and
 witnessed as described by the surveyor general.
 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the
 ground, for C.C. of secs. 11 and 12, marked on brass cap
 C C E. of center;
 H I R in NW., and
 T 27N R 7 W in SE. half;
 $\frac{1}{4}$ S 12 in SE., and
 $\frac{1}{4}$ S 11 in SW. sectors;
 dig pits 24x18x12 ins. crosswise on each line, N. 50°E. and
 S. 50°W. 3 ft., and S. of post, 7 ft. dist.; raise a mound of
 earth, 4 ft. base, 2 ft. high, S. of cor.
 Land, rolling.
 Soil, sandy loam, mixed with gravel, 2nd and 3rd rate.
 Cedar, 32 chs.
 Fair grass.

From the cor. of secs. 1, 6, 7 and 12, on the E. bdy., as recent-
 ly established by Jesse B. Wright, & described in Book 5
 I run
 N. 89°58'W., bet. secs. 1 and 12.
 Over rolling land, through scrub oak brush.
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 $\frac{1}{4}$ S 1 in N., and
 $\frac{1}{4}$ S 12 in S. half;
 dig pits, 18x18x12 ins., E. & W. of post, 3 ft. dist.; and
 raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 61.34 Intersect SE. bdy. of Hualpai Indian Reservation at a point
 from which mile cor. 87 bears S. 50°W. 13.96 chs. dist.;
 and is a sandstone, 14x6x6 ins. above ground, marked and
 witnessed as described by the surveyor general.

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Chains. mile cor. 87 $\frac{1}{2}$ bears N. 50° E. 26.01 chs. dist.; and is a quartzsite stone, 16x14x6 ins. above ground, marked and witnessed as described by the surveyor general; set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for closing cor. of secs. 1 and 12, marked on brass cap, C C W. of center; H I R in NW., and T 27 N R 7 W in SE. half; S 1 in NE., and S 12 in SE. sector; dig pits, 24x18x12 ins. crosswise on each line, N. 50° E. 12. and S. 50° W. 12., 3 ft., and S. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, E. of cor. Land, rolling. Soil, sandy, gravelly, 2nd and 3rd rate. Scrub oak brush. Fair grass.

June 11, 1913.

June 12: At 7h., a.m., l.m.t., I set off 23°10 $\frac{1}{2}$ ' N. on the decl. arc; 35°41' N. on the lat. arc; and determine a meridian with the solar at the cor. of secs. 2, 3, 34 and 35, on the S. bdy. as recently established by Jesse B. Wright, & described in Book 5 Thence I run N. 0°1' W. bet. secs. 34 and 35. Along W. break of mountains, over limestone ridges, through heavy cedar and pinon. 4.00 Spur, WNW. & ESE.; desc. precipitously. 10.30 Bottom and asc. 16.00 Spur, E. & W.; desc. 24.00 Bottom and asc. 32.00 Spur, ENE. & WSW.; desc. 35.50 Foot of steep descent. 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S 34 in W., and S 35 in E. half; from which A cedar, 8 ins. dia., bears N. 87° E. 7 lks. dist., marked $\frac{1}{4}$ S 35 B T A cedar, 6 ins. dia., bears N. 30° W. 7 lks. dist., marked $\frac{1}{4}$ S 34 B T 55.00 Canyon, WSW.; asc. 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 26, 27, 34 & 35, marked on brass cap T 27 N R 7 W in N. half; S 27 in NW., S 26 in NE., S 35 in SE., and S 34 in SW. quadrant; from which A cedar, 12 ins. dia., bears N. 48° E. 106 lks. dist., marked T 27 N R 7 W S 26 B T A cedar, 10 ins. dia., bears S. 18° E. 137 lks. dist., marked T 27 N R 7 W S 35 B T A pinon, 6 ins. dia., bears S. 20° W. 104 lks. dist., marked T 27 N R 7 W S 34 B T A cedar, 30 ins. dia., bears N. 7° W. 102 lks. dist., marked T 27 N R 7 W S 27 B T Land, high, mountainous, broken. Soil, rocky, stoney, 3rd rate. Cedar and pinon. Sparse grass.

40.00 S. 89°58' E., on a random line bet. secs. 26 and 35. Set temp. $\frac{1}{4}$ sec. cor. hereinafter described 80.06 Intersect N. & S. line 14 lks. S. of cor. of secs. 25, 26, 35 & 36. Thence I run S. 89°56' W., on a true line bet. secs. 26 and 35. Asc. through scattering cedar. 25.00 Divide, W. from S.; along top of same. 40.03 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S 26 in N., and S 35 in S. half; from which

Subdivision of Fract. T. 27 N., R. 7 W.

<p>Chains. 49.00 60.00 80.06</p>	<p>A cedar, 12 ins. dia., bears N. 85° E. 33 lks. dist., marked $\frac{1}{4}$ S 26 B T A cedar, 15 ins. dia., bears S. 78° E. 43 lks. dist., marked $\frac{1}{4}$ S 35 B T Divide swings to WNW.; desc. SSW. slope. Desc. WSW. slope. Cor. of secs. 26, 27, 34 and 35, hereinbefore described Land, mountainous. Soil, gravelly, stoney, 2nd and 3rd rate. Scattering cedar and pinon. Poor grass.</p>
<p>40.00 80.00</p>	<p>N. 0° 1' W., bet. secs. 26 and 27. Asc. through cedar and pinon. Divide, NNW. & SSE. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S 27 in W., and S 26 in E. half; from which A cedar, 6 ins. dia., bears N. 79° E. 189 lks. dist., marked $\frac{1}{4}$ S 26 B T A cedar, 5 ins. dia., bears S. 24° W. 100 lks. dist., marked $\frac{1}{4}$ S 27 B T Desc. Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground, on bed rock, in mound of stone, 3 ft. base, 2 ft. high, for cor. of secs. 22, 23, 26 & 27, marked on brass cap T 27 N R 7 W in N. half; S 22 in NW., S 23 in NE., S 26 in SE., and S 27 in SW. ^{quadrants}; from which A pinon, 12 ins. dia., bears N. 31$\frac{1}{2}$° E. 35 lks. dist., marked T 27 N R 7 W S 23 B T A pinon, 4 ins. dia., bears S. 51$\frac{1}{4}$° E. 103 lks. dist., marked T 27 N R 7 W S 26 B T A cedar, 8 ins. dia., bears S. 45$\frac{1}{2}$° W. 53 lks. dist., marked T 27 N R 7 W S 27 B T A pinon, 7 ins. dia., bears N. 40° W. 41 lks. dist., marked T 27 N R 7 W S 22 B T Land, mountainous. Soil, stoney, rocky, 3rd rate. Cedar and pinon. Poor grass.</p>
<p>40.00 80.10 16.00 36.00 40.05 44.00 65.00 80.10</p>	<p>N. 89° 56' E., on a random line bet. secs. 23 and 26. Set temp. $\frac{1}{4}$ sec. cor. (hereinbefore described) Intersect N. & S. line at cor. of secs. 23, 24, 25 and 26? Thence I run S. 89° 56' W., on a true line bet. secs. 23 and 26. Asc. gradually through scattering cedar and dense oak brush Ridge, N. & SSW.; desc. Draw, 1 ch. wide, course NNE.; near head; asc. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S 23 in N., and S 26 in S. half; from which A cedar, 5 ins. dia., bears N. 80$\frac{1}{4}$° E. 73 lks. dist., marked $\frac{1}{4}$ S 23 B T A cedar, 24 ins. dia., bears S. 19° W. 74 lks. dist., marked $\frac{1}{4}$ S 26 B T Ridge, NNE. & SSW.; desc. Asc. and Cor. of secs. 22, 23, 26 and 27, hereinbefore described. Land, mountainous. Soil, sandy, gravelly, 2nd and 3rd rate. Cedar, pinon and oak brush. Fair grass. At this cor. at noon I set off 23° 10$\frac{1}{2}$' N. on the decl. arc; and observe the sun on the meridian. The resulting lat. is 35° 42$\frac{1}{2}$' N.</p>

Subdivision of Fract. T. 27N., R. 7 W

Chains.	N. 0° 1' W., bet. secs. 22 and 23. Desc. gradually along ENE. slope of divide, through heavy pine and cedar.
22.00	Draw, near head, course NE.; thence over rolling land.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S 22 in W., and S 23 in E. half; from which A pinon, 8 ins. dia., bears N. 37° E. 48 lks. dist., marked $\frac{1}{4}$ S 23 B T A cedar, 20 ins. dia., bears N. 45 $\frac{1}{4}$ ° W. 44 lks. dist., marked $\frac{1}{4}$ S 22 B T
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 14, 15, 22 & 23, marked on brass cap T 27 N R 7 W in N. half; S. 15 in NW., S 14 in NE., S 23 in SE., and S 22 in SW. quadrant; from which A cedar, 10 ins. dia., bears N. 58 $\frac{1}{4}$ ° E. 72 lks. dist., marked T 27 N R 7 W S 14 B T A cedar, 8 ins. dia., bears S. 26 $\frac{1}{4}$ ° E. 125 lks. dist., marked T 27 N R 7 W S 23 B T A cedar, 12 ins. dia., bears S. 65 $\frac{1}{2}$ ° W. 90 lks. dist., marked T 27 N R 7 W S 23 B T A cedar, 10 ins. dia., bears N. 35 $\frac{1}{2}$ ° W. 88 lks. dist., marked T 27 N R 7 W S 15 B T Land, mountainous. Soil, stoney, rocky, 3rd rate. Cedar, pine and pinon. Fair grass.
40.00	N. 89° 56' E., on a random line bet. secs. 14 and 23. Set temp. $\frac{1}{4}$ sec. cor. <u>hereinbefore described</u>
80.08	Intersect N. & S. line at cor. of secs. 13, 14, 23 and 24. Thence I run S. 89° 56' W., on a true line bet. secs. 14 and 23. Desc. along NW. slope of spur, through dense brush and scattering cedar and pinon.
9.00	Enter draw, course ENE.
28.00	Leave draw; asc. along S. slope of ridge.
34.00	Cedar and pinon becomes dense.
40.04	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S 14 in N., and S 23 in S. half; from which A pinon, 7 ins. dia., bears N. 84 $\frac{1}{2}$ ° E. 74 lks. dist., marked $\frac{1}{4}$ S 14 B T A pinon, 8 ins. dia., bears S. 45 $\frac{1}{4}$ ° E. 30 lks. dist., marked $\frac{1}{4}$ S 23 B T
80.08	Cor. of secs. 14, 15, 22 and 23, hereinbefore described. Land, heavily rolling. Soil, sandy, gravelly, stoney, 2nd and 3rd rate. Cedar and pinon. Fair grass.
4.00	N. 0° 1' W. bet. secs. 14 and 15. Asc. through scattering cedar and brush. Spur, ENE. & WSW.; desc.
8.00	Draw, 50 lks. wide, course ENE.; asc.
20.00	Spur, ENE. & WSW.; thence along top of same.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S 15 in W., and S 14 in E. half; from which A cedar, 18 ins. dia., bears N. 18 $\frac{1}{4}$ ° W. 216 lks. dist., marked $\frac{1}{4}$ S 15 B T A cedar, 18 ins. dia., bears S. 68 $\frac{1}{4}$ ° E. 230 lks. dist., marked $\frac{1}{4}$ S 14 B T Desc. from cor.; ridge bears NNE.

Subdivision of Fract. T. 27 N., R. 7 W.

Chains.
 61.00 Draw, 1 ch. wide, course NNE.; asc.
 69.00 Spur, NE. & SW.; desc.
 75.00 Gulch, 10 lks. wide, course NE.
 77.32 Intersect SE. bdy. of Hualpai Indian Reservation, at a point, whence mile cor. 85½ bears S. 50° W. 498 lks. dist.; which is a rock in place, 48x24x12 ins. above ground, marked and witnessed as described by the surveyor general; Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for closing cor. of secs. 14 & 15, marked on brass cap
 CC E. of center;
 H I R in NW., and
 T 27 N R 7 W in SE. half;
 S 14 in SE., and
 S 15 in SW. sector; from which
 A pinon, 7 ins. dia., bears S. 75° E. 210 lks. dist., marked
 T 27 N R 7 W S 14 B T
 A cedar, 12 ins. dia., bears S. 1½° W. 60 lks. dist., marked
 T 27 N R 7 W S 15 B T
 Land, heavily rolling.
 Soil, stoney, rocky, 3rd rate.
 Cedar and pinon.
 Poor grass.

From the cor. of secs. 11, 12, 13 and 14, ~~heretofore~~ described, 1 run N. 89° 58' W. bet. secs. 11 and 14.
 Along top of ridge, through dense brush and scattering cedar and pinon.
 5.00 Desc. NW. slope of ridge.
 25.00 Draw, 4 chs. wide, course NE.; asc.
 31.00 Spur, NE. & SW.; desc.
 37.00 Gulch, 10 lks. wide, course NE.; asc.
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap
 ¼ S 11 in N., and
 S 14 in S. half; from which
 A cedar, 6 ins. dia., bears N. 78° W. 135 lks. dist., marked
 ¼ S 11 B T
 A cedar, 10 ins. dia., bears S. 39° E. 95 lks. dist., marked
 ¼ S 14 B T
 49.00 Ridge, NE. & SW.; desc.
 56.00 Draw, 4 chs. wide, course NE.; asc.
 76.81 Intersect SE. bdy. of Hualpai Indian Reservation at a point whence mile cor. 85½ bears S. 50° W. 9.15 chs. dist.; heretofore described.
 set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground, on bed rock, in mound of stone, 3 ft. base, 2 ft. high, for closing cor. of secs. 11 & 14, marked on brass cap,
 C C W. of center;
 H I R in NW., and
 T 27 N R 7 W in SE. half;
 S 11 in NE., and
 S 14 in SE. sector; from which
 A pinon, 9 ins. dia., bears S. 45° E. 235 lks. dist., marked
 T 27 N R 7 W S 14 B T
 No other trees available. Pits impracticable. Raise a mound of
 Land, high, rolling. Stone 2 ft. base, 1½ ft. high, E. of cor.
 Soil, sandy, gravelly, stoney, 3rd and 2nd rate.
 Cedar and pinon.
 Fair grass.

June 13, 1913.

June 13: At 7h., a.m., 1.m.t., I set off 23° 14½' N. on the decl. arc; 35° 41' N. on the lat. arc; and determine a meridian with the solar at the cor. of secs. 3, 4, 33 & 34, on the S. bdy. as recently established by Jesse B. Wright, & described in Book 5
 Thence I run
 N. 0° 2' W., bet. secs. 33 and 34.
 Over rolling land.
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap
 ¼ S 33 in W., and
 S 34 in E. half;

Subdivision of Fract. T. 27 N., R. 7 W.

Chains. 78.00 80.00	<p>raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Enter cedar, NW. & SE. Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 27, 28, 33 & 34, marked on brass cap T 27 N R 7 W in N. half; S 28 in NW., S 27 in NE., S 34 in SE., and S 33 in SW. quadrant; from which A cedar, 8 ins. dia., bears N. 12° E. 46 lks. dist., marked T 27 N R 7 W S 27 B T A cedar, 5 ins. dia., bears S. 50¾° E. 103 lks. dist., marked T 27 N R 7 W S 34 B T A cedar, 10 ins. dia., bears S. 84° W. 63 lks. dist., marked T 27 N R 7 W S 33 B T A cedar, 12 ins. dia., bears N. 19° W. 230 lks. dist., marked T 27 N R 7 W S 28 B T</p> <p>Land, rolling. Soil, sandy, stoney, 2nd and 3rd rate. Cedar and pinon. Fair grass.</p>
40.00 80.10 14.00 40.05	<p>S. 89° 58' E., on a random line bet. secs. 27 and 34. Set temp. ¼ sec. cor. <u>hereinbefore described</u> Intersect N. & S. line 9 lks. N. of cor. of secs. 26, 27, 34 & 35. Thence I run N. 89° 54' W., on a true line bet. secs. 27 and 34. Over high land, through dense cedar and pinon. Desc. abruptly. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap ¼ S 27 in N., and S 34 in S. half; from which A cedar, 5 ins. dia., bears N. 21° W. 54 lks. dist., marked ¼ S 27 B T A pinon, 8 ins. dia., bears S. 40° W. 103 lks. dist., marked ¼ S 34 B T</p> <p>Foot of abrupt descent, and over rolling land. Cor. of secs. 27, 28, 33 and 34, <u>hereinbefore described</u>. Land, mountainous, 44 chs.; rolling, 36 chs. Soil, stoney, rocky, 3rd rate. Cedar and pinon. Poor grass.</p>
10.00 40.00 80.00	<p>N. 0° 2' W., bet. secs. 27 and 28. Over rolling land, through cedar and pinon. Leave cedar and pinon, NE. & SSW. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap ¼ S 28 in W., and S 27 in E. half; dig pits, 18x18x12 ins., N. & S. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor. Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 21, 22, 27 & 28, marked on brass cap T 27 N R 7 W in N. half; S 21 in NW., S 22 in NE., S 27 in SE., and S 28 in SW. quadrant; dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Land, rolling. Soil, sandy loam, 2nd rate. Cedar and pinon, 10 chs. Good grass. At this cor. at noon I set off 23° 14' N. on the decl. arc; and observe the sun on the meridian. The resulting lat. is 35° 42½' N.</p>

Subdivision of Fract. T. 37 N., R. 7 W.

Chains.	S. 89°54'E., on a random line bet. secs. 22 and 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor. (hereinbefore described)
80.20	Intersect N. & S. line 5 lks. S. of cor. of secs. 22, 23, 26 & 27. Thence I run N. 89°56'W., on a true line bet. secs. 22 and 27. Over mountainous land, through cedar and pinon.
3.00	Divide, N. & S.; desc. precipitously.
32.00	Gulch, 10 lks. wide, in canyon, course NW.; heads 30 chs. SE.; asc.
40.10	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S 22 in N., and S 27 in S. half; from which A pinon, 10 ins. dia., bears N. 77°E. 24 lks. dist., marked $\frac{1}{4}$ S 22 B T A pinon, 12 ins. dia., bears S. 70°E. 26 lks. dist., marked $\frac{1}{4}$ S 27 B T
41.00	Long spur, NW. & SE.; desc. abruptly.
65.00	Foot of steep descent; leave timber NNW. & SSE.; over rolling land.
80.20	Cor. of secs. 21, 22, 27 and 28, hereinbefore described. Land, mountainous, 65 chs., rolling, 15 chs. Soil, stoney, rocky, 3rd rate, 65 chs., sandy loam, 2nd rate, 15 chs. Cedar and pinon, 65 chs. Good grass 15 chs.
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	N. 0°2'W., bet. secs. 21 and 22. Over rolling land.
36.00	Enter cedar and pinon, NW. & SE.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S 21 in W., and S 22 in E. half; from which A cedar, 20 ins. dia., bears S. 60°E. 67 lks. dist., marked $\frac{1}{4}$ S 22 B T A cedar, 15 ins. dia., bears N. 20°W. 19 lks. dist., marked $\frac{1}{4}$ S 21 B T
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 15, 16, 21 & 22, marked on brass cap T 27 N R 7 W in N. half; S 16 in NW., S 15 in NE., S 22 in SE., and S 21 in SW. quadrant; from which A cedar, 20 ins. dia., bears N. 17°E. 80 lks. dist., marked T 27 N R 7 W S 15 B T A cedar, 4 ins. dia., bears S. 18 $\frac{1}{2}$ °E. 42 lks. dist., marked T 27 N R 7 W S 22 B T A cedar, 6 ins. dia., bears S. 87 $\frac{1}{2}$ °W. 99 lks. dist., marked T 27 N R 7 W S 21 B T A cedar, 5 ins. dia., bears N. 27 $\frac{1}{4}$ °W. 78 lks. dist., marked T 27 N R 7 W S 16 B T Land, rolling. Soil, sandy loam, mixed with gravel, 2nd rate. Cedar and pinon, 44 chs. Good grass.
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	S. 89°56'E., on a random line bet. secs. 15 and 22.
40.00	Set temp. $\frac{1}{4}$ sec. cor. (hereinbefore described)
80.10	Intersect N. & S. line 12 lks. N. of cor. of secs. 14, 15, 22 & 23. Thence I run N. 89°51'W., on a true line bet. secs. 15 and 22. Asc. through dense brush and cedar.
26.00	Divide, SSE. & N.; desc. steep W. slope.
27.60	Desc. over open limestone ledges; leave cedar, N. & S.
40.05	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap. Impracticable to $\frac{1}{4}$ S 15 in N. and stone on side. Foot of steep descent $\frac{1}{4}$ S 22 in S. half, from which, A pinon, 7 ins. in dia., brs. N. 13°E., 17 lks. dist., mkd. $\frac{1}{4}$ S 15 B T. A pinon, 9 ins. in dia., brs. S. 48 $\frac{1}{2}$ °W., 21 lks. dist., mkd. $\frac{1}{4}$ S 22 B T.
60.00	Foot of steep descent and over rolling land.

Subdivision of Fract. T. 27 N., R. 7 W.

Chains. 80.10	<p>Cor. of secs. 15, 16, 21 and 22, hereinbefore described. Land, mountainous, 60 chs., rolling, 20 chs. Soil, rocky, stoney, 60 chs., sandy loam, 2nd rate 20 chs. Cedar and pinon, 27 chs. Good grass 20 chs.</p>
10.25	<p>N. 0° 2' W., bet. secs. 15 and 16. Over rolling land, through cedar and pinon. Intersect SE. bdy. of Hualpai Indian Reservation, at a point, whence mile cor. 84 bears S. 50° W. 21.95 chs. dist., which is a sandstone, 10x7x6 ins. above ground, marked and witnessed as described by the surveyor general. set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for closing cor. of secs. 15 & 16, marked on brass cap, C C E. of center; H I R in NW., and T 27 N R 7 W in se. half; S 15 in SE., and S 16 in SW. sector; from which A pinon, 6 ins. dia., bears S. 50½° E. 41 lks. dist., marked T 27 N R 7 W S 15 B T A cedar, 6 ins. dia., bears S. 16¼° W. 58 lks. dist., marked T 27 N R 7 W S 16 B T Land, rolling. Soil, sandy loam, 2nd rate. Cedar and pinon. Good grass.</p>
12.22	<p>N. 89° 58' W., bet. secs. 16 and 21. Over rolling land, through sparse cedar. Intersect SE. bdy. of Hualpai Indian Reservation, at a point whence mile cor. 84 bears S. 50° W. 6. chs. dist., heretofore described; Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for closing cor. of secs. 16 & 21, marked on brass cap, C C W. of center; H I R in NW., and T 27 N R 7 W in SE. half; S 16 in NE., and S 21 in SE. sector; raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Land, rolling. Soil, sandy loam, 2nd rate. Sparse cedar and pinon. Good grass.</p>
June 13, 1912.	
21.50 40.00	<p>June 14: At 7h., a.m., l.m.t., I set off 23° 17½' N. on the decl. arc; 35° 41' N. on the lat. arc; and determine a meridian with the solar at the cor. of secs. 4, 5, 32 & 33 on the S. bdy. as recently established by Jesse B. Wright, & described in Book 5 Thence I run N. 0° 3' W., bet. secs. 32 and 33. Over rolling land. Wash, 30 lks. wide, 5 ft. deep, course SE. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap ¼ S 32 in W., and S 33 in E. half; dig pits, 18x18x12 ins., N. & S. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor. 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 28, 29, 32 & 33, marked on brass cap T 27 N R 7 W in N. half; S 29 in NW., S 28 in NE., S 33 in SE., and S 32 in SW. quadrabt; dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Land, rolling. Soil, sandy loam, 2nd rate. No timber. Good grass.</p>

Subdivision of Fract. T. 27 N., R. 7 W.

Chains.	
40.00	S. 89°58'E., on a random line bet. secs. 28 and 33.
80.02	Set temp. $\frac{1}{4}$ sec. cor. <u>hereinbefore described</u> Intersect N. & S. line 7 lks. S. of cor. of secs. 27, 28, 33 & 34. Thence I run S. 89°59'W., on a true line bet. secs. 28 and 33. Over rolling land.
40.01	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S 28 in N., and S 33 in S. half; dig pits, 18x18x12 ins., E. & W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
41.00	Wash, 30 lks. wide, course SW.
80.02	Cor. of secs. 28, 29, 32 and 33, <u>hereinbefore described</u> . Land, rolling. Soil, sandy loam, 2nd rate. No timber. Good grass.
40.00	N. 0°3'W. bet. secs. 28 and 29. Ascending in open valley. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S 29 in W., and S 28 in E. half; dig pits, 18x18x12 ins., N. & S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 20, 21, 28 & 29., marked on brass cap T 27 N R 7 W in N. half; S 20 in NW., S 21 in NE., S 28 in SE., and S 29 in Sw. quadrant; dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Land, slightly rolling. Soil, sandy loam, 2nd rate. No timber. Good grass.
40.00	N. 89°59'E., on a random line bet. secs. 21 and 28.
79.92	Set temp. $\frac{1}{4}$ sec. cor. <u>hereinbefore described</u> Intersect N. & S. line 12 lks. N. of cor. of secs. 21, 22, 27 & 28 Thence I run N. 89°56'W., on a true line bet. secs. 21 and 28. Over rolling land.
39.96	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S 21 in N., and S 28 in S. half; dig pits, 18x18x12 ins., E. & W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
47.00	Wash, 30 lks. wide, course S.
79.92	Cor. of secs. 20, 21, 28 and 29, <u>hereinbefore described</u> . Land, slightly rolling. Soil, stiff clayey loam, 3rd rate. No timber. Fair grass.
23.48	N. 0°3'W., bet. secs. 20 and 21. Over slightly rolling land. Intersect SE. bdy. of Hualpai Indian Reservation at a point whence mile cor. 83. bears N. 50°E. 3.04 chs. dist.; which is a sandstone, 10x6x6 ins. above ground, marked and witnessed as described by the surveyor general. Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for closing cor. of secs. 20 & 21, marked on brass cap, C C E. of center; H I R in NW., and T 27 N R 7 W in SE. half;

Subdivision of Fract. T. 27N., R. 7 W.

Chains.	<p>S 21 in SE., and S 20 in SW. sector; dig pits, 24x18x12 ins., crosswise on each line, N. 50°E. and S. 50°W., 3 ft., and S. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor. Land, slightly rolling. Soil, stiff, clayey, 3rd rate. No timber. Good grass.</p>
28.10	<p>From cor. of secs. 20, 21, 28 and 29, hereinbefore described, I run N. 89°58'W., on a true line bet. secs. 20 and 29. Over slightly rolling land. Intersect SE. bdy. of Hualpai Indian Reservation at a point whence mile cor. 82½, bears S. 50°W. 147 lks. dist.; which is a lime stone, 10x7x6 ins. above ground, marked and witnessed as described by the surveyor general. Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for closing cor. of secs. 20 & 29, marked on brass cap, C C W. of center; H I R in NW., and T 27 N R 7 W in SE. half; S 20 in NE., and S 29 in SE. sector; dig pits, 24x18x12 ins., crosswise on each line, N. 50°E. and S. 50°W., 3 ft., and S. of post, 7 ft. dist.; raise a mound of earth, 4 ft. base, 2 ft. high, E. of cor. Land, slightly rolling. Soil, stiff, clayey, 3rd rate. No timber. Good grass.</p>
40.00	<p>From the cor. of secs. 5, 6, 31 and 32, on the S. bdy., as recently established by Jesse B. Wright, & described in Book 5, N. 0°3'W., bet. secs. 31 and 32. I run Over slightly rolling land. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap ¼ S 31 in W., and S 32 in E. half;</p>
80.00	<p>dig pits, 18x18x12 ins., N. & S. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor. Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 29, 30, 31 & 32, marked on brass cap T 27 N R 7 W in N. half; S 30 in NW., S 29 in NE., S 32 in SE., and S 31 in SW. quadrant; dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Land, rolling. Soil, stiff clay, 3rd rate. No timber. Good grass.</p>
40.00	<p>S. 89°58'E., on a random line bet. secs. 29 and 32. Set temp. ¼ sec. cor. hereinbefore described</p>
80.12	<p>Intersect N. & S. line at cor of secs. 28, 29, 32 and 33. Thence I run</p>
40.06	<p>N. 89°58'W., on a true line bet. secs. 29 and 32. Over slightly rolling land. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap ¼ S 29 in N., and S 32 in S. half;</p>
80.12	<p>dig pits, 18x18x12 ins., E. & W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor. Cor. of secs. 29, 30, 31 and 32, hereinbefore described. Land, slightly rolling. Soil, stiff, clayey, 3rd rate. No timber. Good grass.</p>

Subdivision of Fract. T. 27 N., R. 7 W.

Chains. N. 0° 3' W., bet. secs. 29 and 30,
Over slightly rolling land.
36.34 Intersect SE. bdy. of Hualpai Indian Reservation at a point
whence mile cor. 82, bears N. 50° E. 26.36 chs. dist.; which
is a sandstone, 8x8x6 ins. above ground, marked and witness-
ed as described by the surveyor general; mile cor. 82.

Set an iron post, 3 ft. long, 3 ins. in dia., 24 ins. in the
ground, for closing cor. of secs. 29 & 30, marked on brass

cap, ~~C. C. E.~~ C. C. E. of center;
H I R. in NW., and
T 27 N R 7 W in SE. half;
S 29 in SE., and
S 30 in SW. sector;

dig pits, 24x18x12 ins., crosswise on each line, N. 50° E. and
S. 50° W., 3 ft., and S. of post, 7 ft. dist.; and raise
a mound of earth, 4 ft. base, 2 ft. high, S. of cor.

Land, slightly rolling.

Soil, stiff, clayey, 3rd rate.

No timber.

Good grass.

34.00 From the cor. of secs. 29, 30, 31 and 32, ~~as before~~ described, 1 run
N. 89° 58' W., on a true line bet. secs. 30 and 31.
Over rolling land.

Ridge, N. & S.

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

$\frac{1}{4}$ S 30 in N., and
S 31 in S. half;

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

43.66 Intersect SE. bdy of Hualpai Indian Reservation at a point
whence mile cor. 81, bears N. 50° E. 3.06 chs. dist., which is
a lime rock in place, 24x12x6 ins. above ground, marked and
witnessed as described by the surveyor general.

Set an iron post, 3 ft. long, 3 ins. in dia., 24 ins. in the
ground, for closing cor. of secs. 30 & 31, marked on brass
cap,

C C W. of center;
H I R in NW., and
T 27 N R 7 W in SE. half;
S 30 in NE., and
S 31 in SE. sector;

dig pits, 18x18x12 ins., crosswise on each line, N. 50° E. and
S. 50° W., 3 ft., and E. of post, 7 ft. dist.; and raise a mound
of earth, 4 ft. base, 2 ft. high, E. of cor.

Land, rolling.

Soil, clayey, stoney, 3rd rate.

No timber.

Fair grass.

June 14, 1912.

General Description.

T. 27 N., R. 7 W. is high rolling in the E., rough, mountain-
ous, in the central, and low rolling in the W. The W. part
is the N. end of the Aubkey Valley.

The soil is various, ranging from a sandy loam in the E.,
a stony, rocky, soil in the center, to a clayey soil in
the W.

There are no settlers in the Tp., and no water except
that which is caught in reservoirs made by earthen
dams constructed across the water ways.

In the draws, in the mountain part, there is some good
pine timber. The cedar and piñon is not of quality
suitable for lumber.

There is no known mineral in the Tp.

June 14, 1912.

William H. Elliott
U. S. Surveyor.

Boundaries of frac. Township 27 North, Range 7 West.

Latitudes, departures and closing errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
Frac. W. bdy.	North,	49.74 50.07	49.74 50.07			
SE. bdy. Hualpai Ind. Res.	N. 50° 10' E.	50.45	32.31		38.74	
	N. 49° 59' E.	41.30	26.56		31.63	
E. bdy.	N. 50° 00' E.	524.26	401.27		478.21	
South "	South,	451.20	343.22	451.20	409.03	480.23
South "	West,	480.49				480.49
Convergency.		480.23	451.83		.27	
Totals,			451.34	451.20	478.48	480.49
			451.20		479.67	478.48
Error in lat.-----			0.14	0.63		
Error in dep.,-----					2.01	0.56

Note: For authority for red ink corrections see Book "9" of this group (Retracement of part of the SE. bdy. of the Hualpai Indian Res.) and also oath of A.C. Horton Jr. in back of Book "5" of this book.

16

BOOK 2420
for

Subdivisions Group 16

FINAL OATH OF UNITED STATES SURVEYOR.

WILLIAM H. ELLIOTT

See Book "G"

I, _____, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for _____ bearing date of the _____ day of _____, 191____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____ of the _____ Meridian, in the State of _____, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

Subscribed by said _____, and sworn to before me }
 this _____ day of _____, 191____ }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, April 21, 1913

The foregoing field notes of the survey of _____

Fractional
the subdivision lines of Township 27 North, Range 7 West

Gila & Salt River Base & Meridian

Arizona

executed by William H. Elliott, U.S. Surveyor
 under his special instructions ^{for Group 16} dated Feb 5, 1912, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank S. Dugall
 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.