

FEB 21 1913

BOOK 2479

FIELD NOTES

OF THE SURVEY OF THE

Subdivision of ^{Fractional} T. 22 S., R. 32 E.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona,

EXECUTED BY

Jesse B. Wright, and

William H. Elliott,

In the capacity of U. S. Surveyors, under instructions dated Oct. 6, 1911,

issued by the United States Surveyor General to govern surveys included in

Group No. 17, which were approved by the Commissioner of the General Land

Office, October 14, 1911, pursuant to authority contained in the Act of

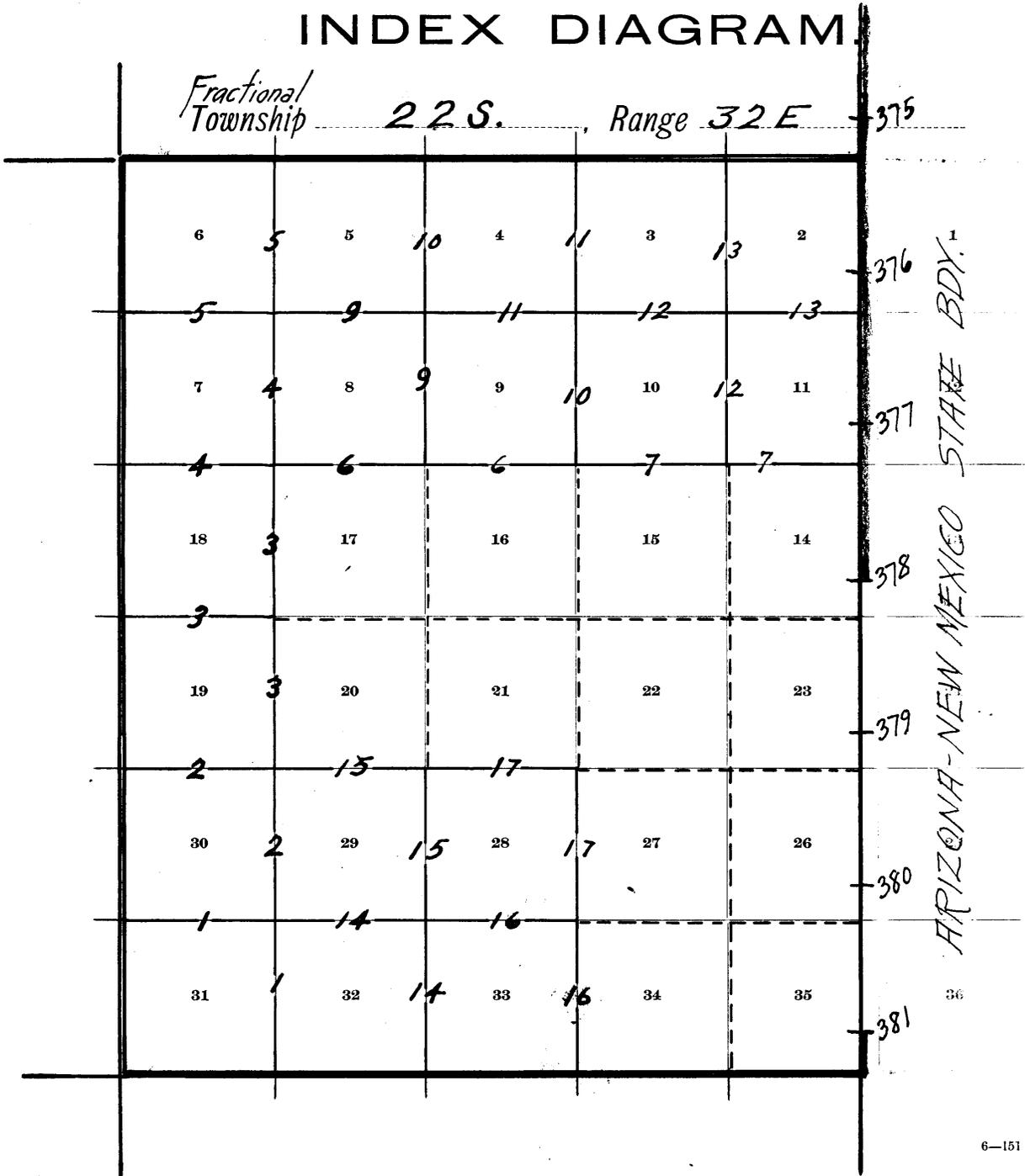
Congress dated Aug. 24, 1912

Survey commenced Nov. 9, 1912, 191

Survey completed Nov. 22, 1912, 191

BOOK 2479

INDEX DIAGRAM



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- This Book
- Unsurveyed.
- Book "A"
- Book "D"

Subdivision of ^{Frac.} T 22 S., R. 32 E.

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Chains.	
	<p>Survey commenced Nov. 9, 1912, and executed jointly by Jesse B. Wright, and William H. Elliott, U.S. Surveyors, Wright using transit No. 8145, and Elliott using transit No. 8496, both made by Young & Son's, with Smith parent solar attachments on side. The plates of the instruments reading to 1' of arc by two double verniers placed opposite to each other, which is also the least reading of the verniers of the latitude and declination arcs.</p> <p>Having tested all the adjustments of the transit and solar attachments, and knowing from recent and repeated tests made on a true meridian established by observation of Polaris that all parts of the instruments are in correct adjustment, we proceed as follows:</p> <p>Nov. 9, 1912. Jesse B. Wright.</p> <p>At 8h a.m., l.m.t., at the cor. of secs. 5, 6, 31 & 32, as recently established by me, and described in Book D, lat. $31^{\circ}27'50''$ N., long. $109^{\circ}06'47''$ W., I set off $16^{\circ}50\frac{1}{2}'$ S. on the decl. arc, and $31^{\circ}28'$ N. on the lat. arc, and determine a meridian with the solar. Thence I run, as per instructions,</p> <p>N. $0^{\circ}1'$ E., bet. secs. 31 & 32.</p> <p>Over mts. land, asc. grad. along SE. slope.</p>
30.00	Asc. steep ESE. slope.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 31 in W., and S 32 in E. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. No bearings available, pits impracticable.
	Asc. grad. from cor.
44.00	Ridge, brs. SSW. & NNE., thence along near top of same.
66.00	Desc. steep, NW. slope.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 29, 30, 31 & 32, marked on brass cap, T 22 S R 32 E, in N. half, S 30 in NW., S 29 in NE., S 32 in SE., and S 31 in SW. quad.; from which, An oak tree 14 ins. diam. brs. S. $4\frac{1}{4}^{\circ}$ E. 163 lks. dist., marked T 22 S R 32 E S 32 B T. No other bearings available, pits impracticable. Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
	Land, mts.
	Soil, 3rd rate, stony.
	No timber, few oaks, scrub oak, cacti, fair grass.
	West, on a random line, bet. secs. 30 & 31.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect West bdy. of Tp. 5 lks. N. of cor. of secs. 25, 30, 31 & 36, recently estab. by me, & described in Book D, whence I run, N. $89^{\circ}58'$ E., on a true line, bet. secs. 30 & 31.
	Over rolling, grassy land, .
39.98	Set an iron post 3 ft. long, 1 in. in diam. 10 ins. in the ground, on bed-rock, in mound of stone for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 30 in N., and S 31 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
65.00	Top of low spur, brs. SE. & NW., desc. grad.
70.00	Asc. grad. along N. side of spur.
77.00	Gulch, 10 lks. wide, near head, course NNW.
79.96	To cor. of secs. 29, 30, 31 & 32, heretofore described. Land, rolling, mts. Soil, 3rd rate, gravelly, stony, dry. No timber, scrub oak, cacti, good grass.

Chains.	
	N. 0° 1' E., bet. secs. 29 & 30. Over mts. land, asc. steep.
6.80	Spur, brs. WSW. & ENE., desc. steep.
22.00	Foot of steep slope, brs. NE. & SW., desc. grad.
23.55	Road, brs. WSW. & E., in turn.
24.00	Wash, 40 lks. wide, course W., asc. grad.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 30 in W., and S 29 in E. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
42.00	Rocky ridge, brs. E. & W., desc. along WNW. slope.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 19, 20, 29 & 30, marked on brass cap, T 22 S, R 32 E, in N, half, S 19 in NW., S 20 in NE., S 29 in SE., and S 30 in SW. quad.; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, mts., broken. Soil, 3rd rate, stony, gravelly. Scrub oak, cacti, good grass. At this cor., at noon, I set off 16°55' S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 31°29 $\frac{1}{2}$ ' N., which is within 1' of the calculated latitude.
	S. 89°58' W., on a random line, bet. secs. 19 & 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect West bdy. of Tps. 2 lks. N. of cor. of secs. 25, 30, 19 & 24, recently estab. by me & described in Book D, whence I run, N. 89°57' E., on a true line, bet. secs. 19 & 30. Over rolling land.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 19 in N., and S 30 in S. half; raise a mound of stone 2 ft. base. $1\frac{1}{2}$ ft. high N. of cor. Asc. from cor.
60.00	Knoll, brs. N. & S., desc.
63.00	Asc. steep W. slope of mountains.
80.00	To cor. of secs. 19, 20, 29 & 30, hereinbefore described. Land, rolling, mts. Soil, 3rd rate, gravelly, dry, stony. Scrub oak, cacti, good grass.

Nov. 9, 1912.

Chains.

- Nov. 11, 1912. (hereinbefore described)
 At 8h a.m., l.m.t., at the cor. of secs. 19, 20, 29 & 30,
 I set off, $17^{\circ}23\frac{1}{2}'$ S. on the decl. arc, and $31^{\circ}29\frac{1}{2}'$ N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 N. $0^{\circ}1'$ E., bet. secs. 19 & 20.
 Over mts. land, along steep W. slope.
 6.00 Desc. steep NW. slope.
 15.00 Gulch, 50 lks. wide, course W., asc. steep.
 28.00 Spur, brs. E. & W., desc. steep.
 39.00 Gulch, 60 lks. wide, course W., asc. steep.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 19 in W., and
 S 20 in E. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 55.00 Ridge, brs. E. & W., desc.
 79.00 Wash, 40 lks. wide, course W., asc. grad.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 17, 18, 19 & 20, marked on
 brass cap, T 22 S R 32 E, in N. half,
 S 18 in NW.,
 S 17 in NE.,
 S 20 in SE., and
 S 19 in SW. quad.;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 Land, mts.
 Soil, 3rd rate, stony, dry, loose.
 Sparse scrub oak, cacti, fair grass.
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- 40.00 S. $89^{\circ}57'$ W., on a random line, bet. secs. 18 & 19.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect West bdy. of Tp. 5 lks. S. of cor. of
 sec. 13, 18, 19 & 24, recently estab. by me & described in Book D, whence I run,
 N. $89^{\circ}59'$ E., on a true line, bet. secs. 18 & 19.
 Over rolling, grassy land, asc. gently
 40.02 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 18 in N., and
 S 19 in S. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 45.00 Wash, 40 lks. wide, course WNW.
 80.04 To cor. of secs. 17, 18, 19 & 20, hereinbefore described.
 Land, rolling.
 Soil, 3rd rate, sandy, gravelly, dry.
 Sparse scrub oak, cacti, fine grass.
 At this cor., at noon, I set off $17^{\circ}28\frac{1}{2}'$ S. on the decl.
 arc, and observe the sun on the meridian.
 The resulting lat. is $31^{\circ}30\frac{1}{2}'$ N.
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- N. $0^{\circ}1'$ E., bet. secs. 17 & 18.
 Over heavily rolling land, asc.
 25.00 Spur, brs. SW. & NE., desc. grad.
 35.00 Wash, 40 lks. wide, course SW., asc.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 18 in W., and
 S 17 in E. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 Asc. steep from cor.
 59.00 Ridge, brs. W. & E., desc. grad.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 7, 8, 17 & 18, marked on
 brass cap, T 22 S R 32 E, in N. half,

Chains.

	<p>S 7 in NW., S 8 in NE., S 17 in SE., and S 18 in SW. quad.;</p> <p>raise a mound of stone 2 ft. base, 1½ ft. high W. of cor. Land, mts., broken. Soil, 3rd rate, gravelly, stony. Sparse scrub oak, mesquite, cacti, fair grass.</p>
40.00	S. 89°59' W., on a random line, bet. secs. 7 & 18. Set temp. ¼ sec. cor.
80.00	Intersect West bdy. of Tp. 2 lks. S. of cor. of secs. 7, 12, 13 & 18, recently estab. by me & described in Book D, whence I run, East, on a true line, bet. secs. 7 & 18. Over stony, grassy, rolling land.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 10 ins. in the ground in mound of stone for ¼ sec. cor., marked on brass cap, ¼ S 7 in N., and S 18 in S. half; raise a mound of stone 2 ft. base, 1½ ft. high N. of cor.
50.00	Asc. along N. side of ridge to W.
80.00	To cor. of secs. 7, 8, 17 & 18, hereinbefore described. Land, rolling, mts. Soil, 3rd rate, gravelly, stony. Sparse undergrowth, fine grass. Nov. 11, 1912. Jesse B. Wright.
	Nov. 12, 1912. William H. Elliott. At 8h a.m., l.m.t., at the cor. of secs. 7, 8, 17 & 18, above described, I set off, 17°40½' S. on the decl. arc, and 31°31½' N. on the lat. arc, and determine a meridian with the solar. Thence I run, N. 0° 1' E., bet. secs. 7 & 8. Over broken, mts. land, desc.
2.50	Gulch, 30 lks. wide, course SW., asc. steep.
25.00	Ridge, brs. NW. & SE., desc. grad.
30.00	Desc. steep.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap, ¼ S 7 in W., and S 8 in E. half; raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.
53.00	Gulch, 20 lks. wide, course WNW., asc. steep.
68.00	West point of ridge, brs. W. & E., desc. steep.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 8 ins. in the ground to bed-rock, in mound of stone for cor. of secs. 5, 6, 7 & 8, marked on brass cap, T 22 S R 32 E, in N. half, S 6 in NW., S 5 in NE., S 8 in SE., and S 7 in SW. quad.; from which, An oak tree 12 ins. diam. brs. N. 36½° E. 16 lks. dist., marked T 22 S R 32 E S 5 B T. An oak tree 14 ins. diam. brs. S. 36° E. 43 lks. dist., marked T 22 S R 32 E S 8 B T. An oak tree 14 ins. diam. brs. S. 50¾° W. 64 lks. dist., marked T 22 S R 32 E S 7 B T. An oak tree 12 ins. diam. brs. N. 32¼° W. 88 lks. dist., marked T 22 S R 32 E S 6 B T. Land, mts., broken. Soil, 3rd rate, stony, dry. Oak, scrub oak, cacti, good grass.

Subdivision of ^{Frac.} T. 22 S., R. 32 E.

Chains.	
	West, on a random line, bet. secs. 6 & 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect West Bdy. of Tp. 5 lks. S. of cor. of secs. 1, 6, 7 & 12, recently established, by Jesse B. Wright, & described in Book "D" whence I run, S. $89^{\circ}58'$ E., on a true line, bet. secs. 6 & 7.
	Over rolling land, asc.
24.00	Wash, 10 lks. wide, course NW., asc. grad.
40.02	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 6 in N., and S 7 in S. half;
80.04	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor. To cor. of secs. 5, 6, 7 & 8, hereinbefore described
	Land, rolling, mts.
	Soil, 3rd rate, gravelly, stony, dry.
	Sparse scrub oak, cacti, good grass.
	At this cor., at noon, I set off $17^{\circ}45'$ S. on the decl. arc, and observe the sun on the meridian. the resulting lat. is $31^{\circ}32'$ N.
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	N. $0^{\circ} 1'$ E., on a random line, bet. secs. 5 & 6.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
70.04	Intersect North bdy. of Tp. 2 lks. E. of cor. of secs. 5, 6, 31, & 32, recently estab. by Jesse B. Wright & described in Book "D", whence I run, South, on a true line, bet. secs. 5 & 6.
	Over mts. land, asc.
5.00	Gulch, 50 lks. wide, course NW., asc. steep.
21.00	Ridge, brs. WNW. & ESE., desc. steep.
28.75	Gulch, 30 lks. wide, course W., asc.
30.04	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 6 in W., and S 5 in E. half;
	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
38.00	Ridge, brs. W. & E., desc. steep.
47.50	Desc. grad., cross head of draw, course W.
50.00	Asc.
53.40	Ridge, brs. W. & E., desc. steep.
65.00	Gulch, 24 lks. wide, course W., asc.
70.04	To cor. of secs. 5, 6, 7 & 8, hereinbefore described
	Land, mts., broken.
	Soil, 3rd rate, stony, dry.
	Few oaks in gulches, scrub oak, cacti, fair grass.
	Nov. 12, 1912. William H. Elliott.

Chains.	<p>Nov. 12, 1912. Jesse B. Wright, A preliminary examination of the centre of T. 22 S., R. 32 E. develops the fact that there are no settlers located therein, and that the land is extremely rough and mountainous, being worthless for grazing or agricultural purposes, and practically unsurveyable. Therefore I eliminate a portion of this Tp. from my surveys.</p> <p>Nov. 12, 1912. At 9h a.m., l.m.t., at the cor. of secs. 7, 8, 17 & 18, as recently ^{recently} established by me & hereinbefore ^{hereinbefore} described, I set off $17^{\circ}42\frac{1}{2}'$ S. on the decl. arc, and $31^{\circ}31\frac{1}{2}'$ N. on the lat. arc, and determine a meridian with the solar. Thence I run, on sectional base line, East, bet. secs. 8 & 17. Over mts. land, asc. steep. 21.00 Ridge, brs. NW. & SE., desc. steep. 39.00 Gulch, 24 lks. wide, course NNW., asc. prec. 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 8 in N., and S 17 in S. half; from which, An oak tree 14 ins. diam. brs. N. $15\frac{1}{2}^{\circ}$ E. 25 lks. dist., marked $\frac{1}{4}$ S 8 B T. An oak tree 12 ins. diam. brs. S. 88° W. 21 lks. dist., marked $\frac{1}{4}$ S 17 B T.</p> <p>44.00 Along N. side of ridge. 76.00 Ridge, brs. N. & SW., in turn, desc. steep. 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 12 ins. in the ground, in mound of stone for cor. of secs. 8, 9, 16 & 17, marked on brass cap, T 22 S R 32 E, in N. half, S 8 in NW., S 9 in NE., S 16 in SE., and S 17 in SW. quad.; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. No trees available. Land, mts., rough. Soil, 3rd rate, stony, dry. Scattering oaks, juniper, cedar, scrub oak, cacti. At this cor., at noon, I set off $17^{\circ}45'$ S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $31^{\circ}31\frac{1}{2}'$ N.</p> <hr/> <p>East, bet. secs. 9 & 16. Over mts. land, desc. 6.00 Gulch, 25 lks. wide, course N., asc. steep. 20.00 Spur, brs. N. & S., desc. steep. 27.00 Broad draw, on top of plateau, course NW., asc. 34.00 Spur, brs. N. & SSW., in turn of same, desc. grad. 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 9 in N., and S 16 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor. Desc. steep from cor. 48.00 Gulch, 30 lks. wide, course NW., asc. steep. 60.00 Ridge, brs. N. & S., and desc. on spur from same to E. 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 9, 10, 15 & 16, marked on brass cap, T 22 S R 32 E, in N. half, S 9 in NW., S 10 in NE., S 15 in SE., & S 16 in SW. quad.; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, mts., rough. Soil, 3rd rate, stony. Few oak trees. Nov. 12, 1912.</p>
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Chains.

Nov. 13, 1912.

~~hereinbefore~~ described

At 8h a.m., l.m.t., at the cor. of secs. 9, 10, 15 & 16,
I set off $17^{\circ}57'$ S. on the decl. arc, and $31^{\circ}31\frac{1}{2}'$ N. on
the lat. arc, and determine a meridian with the solar.

Thence I run,

East, bet. secs. 10 & 15.

Over very rough, mountainous land, desc. prec.

14.00 Canyon 4 chs. wide, course NNE., asc. prec.

22.00 Spur, brs. NNE. & SSW., desc. prec.

30.00 Canyon, 2 chs. wide, course NNW., asc. prec.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 12 ins. in
the ground, in mound of stone for $\frac{1}{4}$ sec. cor., marked on
brass cap, $\frac{1}{4}$ S 10 in N., and
S 15 in S. half;

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

41.00 Ridge, brs. NNW. & SSE., desc. prec.

51.00 Canyon 2 chs. wide, course NNW., asc. prec.

58.00 Ridge, brs. N. & S., desc. prec.

65.00 Canyon, 5 chs. wide, course N., asc. prec.

79.50 Top of high granite ridge, brs. N. & S., immense vertical
granite pillars on same extending to N. & S. for
about 20 chs., desc. abruptly.

80.00 Set an iron post 3 ft. long, 2 ins. in diam., on bed-rock
in mound of stone, for cor. of secs. 10, 11, 14 & 15,
marked on brass cap,

T 22 S R 32 E, in N. half,

S 10 in NW.,

S 11 in NE.,

S 14 in SE., and

S 15 in SW. quad.;

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

This corner is set between a crevice of granite ledge,
firmly in mound of stone, it being impracticable to
set same on any line in the ground in any direction
from the cor. No trees available.

At this cor., at noon, a fierce wind is blowing, making
it impracticable to make an observation for latitude
at this point.

East, bet. secs. 11 & 14.

Over rough mts. land, desc. prec.

11.00 Canyon, S. fork of Skeleton Canyon, 3 chs. wide, course
NNW., asc. prec.

32.00 Asc. grad. along N. side of rocky spur, through dense
scrub oak, manzanita, pinon, with great difficulty.

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

$\frac{1}{4}$ S 11 in N., and

S 14 in S. half; from which,

A pinon tree 10 ins. diam. brs. N. 81° E. 21 lks. dist.,
marked $\frac{1}{4}$ S 11 B T.

A pinon tree 8 ins. diam. brs. S. 42° W. 31 lks. dist.,
marked $\frac{1}{4}$ S 14 B T.

Desc. NE. slope.

46.00 Canyon, 2 chs. wide, course NW., asc. steep.

53.00 Top of mountain ridge, divide, brs. N. & S.

Desc. grad. over broken plateau.

70.00 Intersect East Boundary of Arizona 20.50 chs. S. of

377 mile cor., as re-established by me, & described in Book "A",

Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
the ground for closing cor. of secs. 11 & 14, marked on
brass cap, C C E. of centre,

ARIZ, T 22 S R 32 E, in W., and N.M. in E. half,
S 11 in NW., and S 14 in SW. quad. from which,

Chains.

An oak tree 10 ins. diam. brs. N. $36\frac{1}{2}$ ° W. 26 lks. dist.,
marked T 22 S R 32 E S 11 CC B T.

A juniper tree 14 ins. diam. brs. S. $53\frac{1}{2}$ ° W. 28 lks. dist.,
marked T 22 S R 32 E S 14 CC B T.

Land, mts., very rough.

Soil, 3rd rate, stony.

Oak, juniper, pinon, scrub oak, manzanita.

Nov. 13, 1912.

Jesse B. Wright.

Subdivision of ^{Frac.} T. 22 S., R. 32 E.

Chains.	William H. Elliott, <u>hereinbefore described</u>
	Nov. 13, 1912.
	At 8h a.m., l.m.t., at the cor. of secs. 8, 9, 16 & 17,
	I set off 17°57' S. on the decl. arc, and 31°31½' N. on
	the lat. arc, and determine a meridian with the solar.
	Hence I run,
	N. 0° 1' E., bet. secs. 8 & 9.
40.00	Over mts. land, along E. side of ridge, desc. grad.
	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
	the ground for ¼ sec. cor., marked on brass cap,
	¼ S 8 in W., and
	S 9 in E. half; from which,
	An oak tree 12 ins. diam. brs. N. 29½° E. 64 lks. dist.,
	marked ¼ S 9 B T.
	An oak tree 20 ins. diam. brs. N. 12° W. 36 lks. dist.,
	Marked ¼ S 8 B T.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
	the ground, for cor. of secs. 4, 5, 8 & 9, marked on
	brass cap, T 22 S R 32 E, in N. half,
	S 5 in NW.,
	S 4 in NE.,
	S 9 in SE., and
	S 8 in SW. quad.; from which,
	An oak tree 6 ins. diam. brs. N. 2½° E. 67 lks. dist.,
	marked T 22 S R 32 E S 4 B T.
	An oak tree 12 ins. diam. brs. S. 73° E. 80 lks. dist.,
	marked T 22 S R 32 E S 9 B T.
	No other trees in limits.
	raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.
	Land, mts.
	Soil, 3rd rate, gravelly, dry, stony.
	Scattering oak, cacti, scrub oak, fair grass.
40.00	West, on a random line, bet. secs. 5 & 8.
79.96	Set temp. ¼ sec. cor.
	Intersect N. and S. line . 9 lks. N. of
	cor. of secs. 5, 6, 7 & 8, <u>hereinbefore described</u> , whence I run,
	N. 89°56' E., on a true line, bet. secs. 5 & 8.
	Over mts. land, desc. grad. along N. side of spur.
12.00	Gulch, 40 lks. wide, course WNW., asc. steep.
29.10	Ridge, brs. NNW. & S., in turn off same, desc. grad.
39.98	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
	the ground for ¼ sec. cor., marked on brass cap,
	¼ S 5 in N., and
	S 8 in S. half;
	raise a mound of stone 2 ft. base, 1½ ft. high N. of cor.
53.00	Gulch, 25 lks. wide, course N., asc. steep.
57.00	Ridge, brs. N. & S., desc.
61.00	Gulch, 20 lks. wide, course NNW., asc.
73.60	Ridge, brs. N. & S., desc.
79.96	To cor. of secs. 4, 5, 8 & 9, <u>hereinbefore described</u> .
	At this cor., at noon, a high gale is blowing, making it
	impracticable to make an accurate observation for
	latitude at this corner,
	Land, mts., broken.
	Soil, 3rd rate, stony, dry.
	Few oaks, scrub oak, cacti, good grass.
40.00	N. 0° 1' E., on a random line, bet. secs. 4 & 5.
69.96	Set temp. ¼ sec. cor.,
	Intersect N. bdy. of Tp. at cor. of secs. 4, 5, 32 & 33,
	recently estab. by Jesse B. Wright, & described in Book D, whence I run,
	S. 0° 1' W., on a true line, bet. secs. 4 & 5.
	Over mts. land, ascend.
8.00	Ridge, brs. NW. & SE., desc. prec.

Chains.

15.00 Gulch, 150 lks. wide, course WNW., asc. steep.
 26.00 Top of steep slope, S. rim of gulch, brs. NW. & SE.,
 asc. grad.
 29.96 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 5 in W., and
 S 4 in E. half; and
 raise a mound of stone 2 ft. base. $1\frac{1}{2}$ ft. high W. of cor.
 36.00 Spur, brs. ENE. & WSW., desc. steep.
 50.00 Desc. prec.
 55.00 Gulch, 50 lks. wide, 200 ft. deep, course NW., asc. prec.
 69.96 To cor. of secs. 4, 5, 8 & 9, hereinbefore described.
 Land, mts., broken.
 Soil, 3rd rate, stony, dry.
 Few oak trees, scrub oak, cacti, fair grass.
 Nov. 13, 1912.

Nov. 14, 1912. hereinbefore described
 At 8h a.m., l.m.t., at the cor. of secs. 9, 10, 15 & 16,
 I set off $18^{\circ}13'$ S. on the decl. arc, and $31^{\circ}31\frac{1}{2}'$ N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 N. $0^{\circ}2'$ E., bet. secs. 9 & 10.
 Over mts. land, desc.
 7.00 Head of draw, course NE., asc.
 13.00 Spur, brs. NE. & SW., desc. prec.
 18.00 Gulch, 30 lks. wide, course NE., asc.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 9 in W., and
 S 10 in E. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 41.00 Asc. prec.
 60.50 Asc. grad.
 64.00 Ridge, brs. NE. & SW., desc. steep.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 12 ins. in
 the ground in mound of stone for cor. of secs.
 3, 4, 9 & 10, marked on brass cap,
 T 22 S R 32 E, in N. half,
 S 4 in NW.,
 S 3 in NE.,
 S 10 in SE., and
 S 9 in SW. quad.; from which,
 An oak tree 10 ins. diam. brs. N. 27° E. 89 lks. dist.,
 marked T 22 S R 32 E S 3 B T.
 An oak tree 12 ins. diam. brs. S. $21\frac{3}{4}^{\circ}$ E. 50 lks. dist.,
 marked T 22 S R 32 E S 10 B T.
 An oak tree 8 ins. diam. brs. S. $9\frac{1}{2}^{\circ}$ W. 118 lks. dist.,
 marked T 22 S R 32 E S 9 B T.
 An oak tree 8 ins. diam. brs. N. 42° W. 41 lks. dist.,
 marked T 22 S R 32 E S 4 B T.
 Land, mts., broken.
 Soil, 3rd rate, stony. gravelly, dry.
 Scattering oak, scrub oak, juniper, cacti, good grass.

Chains.	West, on a random line, bet. secs. 4 & 9 .
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect N. & S. line 9 lks. S. of cor. of secs. 4, 5, 8 & 9, hereinbefore described , whence I run, S. $89^{\circ}56'$ E., on a true line, bet. secs. 4 & 9. Over mts. land, desc.
4.30	Gulch, 30 lks. wide, course N., asc. steep.
17.00	Top of S. point of spur, brs. N. & S., desc. prec.
23.00	Gulch, 30 lks. wide, course SSW., asc. prec.
32.00	Asc. steep.
40.03	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 4 in N., and S 9 in S. half ; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor. from which, An oak tree 8 ins. diam. brs. N. 2° E. 5 lks. dist., marked $\frac{1}{4}$ S 4 B T. An oak tree 12 ins. diam. brs. S. 16° E. 126 lks. dist., marked $\frac{1}{4}$ S 9 B T.
42.00	Ridge, brs. NNW. & SSE., desc. steep.
76.00	Gulch, 25 lks. wide, course NNE., asc.
80.06	To cor. of secs. 3, 4, 9 & 10, hereinbefore described . Land, rolling, mts., rough. Soil, 3rd rate, stony, dry. Few oak trees, scrub oak, cacti, good grass. At this cor., at noon, I set off $18^{\circ}16\frac{1}{2}'$ S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $31^{\circ}32'$ N.
	N. $0^{\circ} 2'$ E., on a random line, bet. secs. 3 & 4.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
70.00	Intersect N. bdy. of Tp. at cor. of secs. 3, 4, 33 & 34, recently established by Jesse B. Wright & described in Book D , whence I run, S. $0^{\circ} 2'$ W., on a true line, bet. secs. 3 & 4. Over mts. land, desc. steep.
12.00	Gulch, 50 lks. wide, course ENE., asc. steep.
30.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 4 in W., and S 3 in E. half; , and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
30.50	Ridge, brs. NE. & SW., desc. steep.
42.00	Cross head of gulch, course ENE., asc.
52.50	Ridge, brs. WSW. & ENE., desc. steep.
65.00	Gulch, 25 lks. wide, course ENE., asc. prec.
66.50	Asc. grad.
70.00	To cor. of secs. 3, 4, 9 & 10, hereinbefore described . Land, mts., broken. Soil, 3rd rate, gravelly, stony, dry. Few oaks in canyons, scrub oak, cacti, fair grass. Nov. 14, 1912.

Chains.

- Nov. 15, 1912. (hereinbefore described)
 At 8h a.m., l.m.t., at the cor. of secs. 10, 11, 14 & 15,
 I set off $18^{\circ}28'S.$ on the decl. arc, and $31^{\circ}31\frac{1}{2}'N.$ on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 N. $0^{\circ}2'E.$, bet. secs. 10 & 11.
 Over rough granite ledges and pillars, on crest of
 ridge, to N.
 8.00 Foot of granite pinnacle 50 ft. high, asc. abrupt.
 9.50 Top of pinnacle, apex of high peak on N. end of ridge.
 desc. abrupt.
 10.00 Foot of pinnacle, desc. prec. N. slope of peak.
 29.00 S. Fork of Skeleton Canyon, 150 lks. wide, course WNW.,
 asc. steep.
 40.00 Top of spur, brs. W. & E.,
 Set an iron post 3 ft. long, 1 in. in diam. 6 ins. in
 the ground on bed-rock, in mound of stone for $\frac{1}{4}$ sec.
 cor., marked on brass cap,
 $\frac{1}{4}$ S 10 in W., and
 S 11 in E. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 40.50 desc. steep.
 51.00 Gulch, 40 lks. wide, course W., asc. steep.
 61.00 Spur, brs. W. & E., desc. over broken land, through
 sparse oak and pinon, dense scrub oak.
 80.00 Set an iron post 3 ft. long. 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 2, 3, 10 & 11, marked on
 brass cap, T 22 S R 32 E, in N. half,
 S 3 in NW.,
 S 2 in NE.,
 S 11 in SE., and
 S 10 in SW. quad.;
 No trees available, pits impracticable.
 Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 At this cor., at noon, I set off $18^{\circ}32'S.$ on the decl.
 arc, and observe the sun on the meridian.
 The resulting lat. is $31^{\circ}32'N.$
-
- West, on a random line, bet. secs. 3 & 10.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.94 Intersect N. & S. line 12 lks. S. of cor. of
 Secs. 3, 4, 9 & 10, ~~hereinbefore described~~, whence I run,
 S. $89^{\circ}55'E.$, on a true line, bet. secs. 3 & 10.
 Over rough, broken, mts. land, asc.
 16.00 Spur, brs. SW. & NE., desc. prec.
 36.50 Gulch, 150 lks. wide, course NE., asc.
 39.97 Spur, brs. N. & S., near N. end.
 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 3 in N., and
 S 10 in S. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
 41.00 Desc.
 46.50 Gulch, 150 lks. wide, course NW., S. fork of Skeleton
 Canyon, asc. over broken land, through dense scrub oak.
 60.00 Asc. steep NW. slope.
 79.94 To cor. of secs. 2, 3, 10 & 11, ~~hereinbefore described~~.
 Land, mts., rough.
 Soil, 3rd rate, stony, gravelly, dry.
 Few oak trees in canyons, scrub oak, fair grass.
 Nov. 15, 1912.

Subdivision of ^{Erag.} T. 22 S., R. 32 E.

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Chains.

- Nov. 16, 1912. (hereinafter described)
 At 8h a.m., l.m.t., at the cor. of secs. 2, 3, 10 & 11.
 I set off $18^{\circ}43'$ S. on the decl. arc and $31^{\circ}32'$ N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 East, bet. secs. 2 & 11.
 Over mts. land, asc. steep NW. slope, through dense
 scrub oak, granite ledges.
- 15.90 Granite ledge, brs. NE. & SW., asc. prec.
 17.50 Ridge, brs. N. & S., low gap in same 2 chs. to N., desc.
 prec.
- 23.00 Gulch, 30 lks. wide, course S., asc. prec. SW. slope.
 32.00 Spur, brs. S. & N., desc. prec. SE. slope.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 2 in N., and
 S 11 in S. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
- 41.00 Head of gulch, course SW., asc. steep.
 52.15 Top of high ridge, divide, brs. N. & S., desc. steep.
 60.00 Gulch, 50 lks. wide, course ESE., near head, asc.
 69.95 Intersect East Boundary of Arizona, 20.45 chs. S. of
 376 mile cor. described by Jesse B. Wright
 in Book "A"
 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for closing cor. of secs. 2 & 11, marked on
 brass cap, C C, E. of centre
 ARIZ, T 22 S R 32 E, in W., and
 N M, in E. half,
 S 2 in NW., and
 S 11 in SW. quad.;
- raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 Land, mts., very rough.
 Soil, 4th rate, stony, dry.
 Scattering oak, pinon, scrub oak, cacti, sparse grass.
 At this cor. at noon, a high gale is blowing, making it
 impracticable to make an accurate observation for
 latitude.
-
- 40.00 N. $0^{\circ} 2'$ E., on a random line, bet. secs. 2 & 3.
 Set temp. $\frac{1}{4}$ sec. cor.
 70.10 Intersect N. bdy. of Tp. 5 lks. W. of cor. of secs. 2, 3, 34 & 35
 recently established by Jesse B. Wright & described in Book D, whence I run,
 S. $0^{\circ} 4'$ W., on a true line, bet. secs. 2 & 3.
 Over mts. land, desc. prec.
- 4.00 Gulch, 50 lks. wide, course W., asc. steep N. slope,
 through dense scrub oak, pinon, over loose granite
 gravel and stone.
- 23.00 Asc. prec. N. slope.
 30.10 Point for $\frac{1}{4}$ sec. cor. falls on perishable ground on
 N. side of bluff.
- 37.00 Top of high granite ridge, brs. W. & E.
 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground in mound of stone for witness cor. to $\frac{1}{4}$ sec.
 cor., marked on brass cap,
 W C $\frac{1}{4}$ in N. half, N. of centre,
 S 2 in SE., and
 S 3 in SW. quad.; from which,
 A pinon tree 10 ins. diam. brs. N. 50° E. 34 lks. dist.,
 marked $\frac{1}{4}$ S 2 W C B T.
 A pinon tree 10 ins. diam. brs. S. 80° W. 4 lks. dist.,
 marked $\frac{1}{4}$ S 3 W C B T.
- Desc. steep SW. slope from cor.
- 47.00 Gulch, 40 lks. wide, course W., asc. prec.
 55.00 Spur, brs. E. & W., desc. prec.
 62.00 Gulch, 40 lks. wide, course W., asc. prec.
 70.10 To cor. of secs. 2, 3, 10 & 11, (hereinafter described)
 Land, mts. Soil, 3rd rate, stony. Oak, pinon. Nov. 16, 1912.

Chains.

	Nov. 19, 1912. At 8h a.m., l.m.t., at the cor. of secs. 4, 5, 32 & 33 on the S. bdy. of the Tp., recently estab. by Jesse B. Wright & described in Book D I set off $19^{\circ}26\frac{1}{2}'$ S. on the decl. arc, and $31^{\circ}28'$ N. on the lat. arc, and determine a meridian with the solar. Thence I run, N. $0^{\circ}1'$ E., bet. secs. 32 & 33. Over mts. land, asc. steep S. slope.
13.00	Ridge, brs. W. & E., desc. prec. N. slope.
33.00	Desc. grad.
38.00	Road, brs. E. & W.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 32 in W., and S 33 in E. half; from which, An oak tree 12 ins. diam. brs. S. 75° E. 40 lks. dist., marked $\frac{1}{4}$ S 33 B T. An oak tree 10 ins. diam. brs. S. 75° W. 120 lks. dist., marked $\frac{1}{4}$ S 32 B T.
41.00	Cottonwood creek, (dry) 60 lks. wide, course W., turns to SW. at 5 chs. to W., asc.
58.00	Ridge, brs. E. & W., desc.
65.00	Gulch, 20 lks. wide, course WNW., asc.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 10 ins. in the ground in mound of stone for cor. of secs. 28, 29, 32 & 33, marked on brass cap, T 22 S R 32 E, in N. half, S 29 in NW., S 28 in NE., S 33 in SE., and S 32 in SW. quad.; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, mts., broken. Soil, 3rd rate, stony, dry. Few oaks in canyon, scrub oak, cacti, fair grass.
	West, on a random line, bet. secs. 29 & 32.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. & S. line 2 lks. N. of cor. of secs. 29, 30, 31 & 32, hereinbefore described , whence I run, N. $89^{\circ}59'$ E., on a true line, bet. secs. 29 & 32. Over mts. land, asc. steep.
10.00	Ridge, brs. S. & NNW., in turn.
11.50	Desc. steep.
30.00	Foot of steep descent, thence along N. slope of low rocky spur.
40.02	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 N., and S 32 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
42.90	Road, brs. WNW. & SE., asc. over low ridges.
77.00	Wash, 20 lks. wide, course SW., asc.
80.04	To cor. of secs. 28, 29, 32 & 33, hereinbefore described . At this cor., at noon, I set off $19^{\circ}30'$ S. on the decl. arc and observe the sun on the meridian. The resulting lat. is $31^{\circ}28\frac{1}{2}'$ N. Land, mts., broken. Soil, 3rd rate, stony, gravelly, dry. No timber, scrub oak, cacti, good grass.

Frac.
Subdivision of T. 22 S., R. 32 E.

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Chains.	
	N. 0° 1' E., bet. secs. 28 & 29. Over mts. land, asc. steep.
5.00	Top of W. side of peak, apex of peak is 15 chs. E., desc. NW. slope.
20.00	Gulch, 30 lks. wide, course WSW., asc. grad.
35.00	W. end of hill, brs. NE. & SW., desc.
38.50	Gulch, 20 lks. wide, course SSW.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 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; from which, an oak tree 16 ins. diam. brs. S. 6° E. 25 lks. dist., marked $\frac{1}{4}$ S 28 B T. An oak tree 16 ins. diam. brs. N. 5 $\frac{1}{2}$ ° W. 46 lks. dist., marked $\frac{1}{4}$ S 29 B T. Asc. SE. slope of hill.
53.00	Desc. NE. slope of hill.
56.50	Gulch, 20 lks. wide, course ESE., asc. steep.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 26 ins. in the ground, in mound of stone for cor. of secs. 20, 21, 28 & 29, marked on brass cap, T 22 S R 32 E, in N. half, S 20 in NW., S 21 in NE., S 28 in SE., and S 29 in SW. quad. ; raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor. Land, mts., broken. Soil, 3rd rate, stony. No timber, scrub oak, cacti, sparse grass. Nov. 19, 1912.
	Nov. 20, 1912. (hereinbefore described)
	At 8h a.m., l.m.t., at the cor. of secs. 20, 21, 28 & 29, I set off 19° 40' S. on the decl. arc, and 31° 29 $\frac{1}{2}$ ' N. on the lat. arc, and determine a meridian with the solar. Thence I run, S. 89° 59' W., on a random line, bet. secs. 20 & 29.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. & S. line 2 lks. N. of cor. of secs. 19, 20, 29 & 30, hereinbefore described, whence I run, N. 89° 58' E., on a true line, bet. secs. 20 & 29. Over mts. land, asc. steep.
5.00	Ridge, brs. S. & NE., desc. steep.
20.00	Gulch, 24 lks. wide, course SSE., asc. steep.
30.00	Top of S. point of ridge, brs. SW. & NE., desc. steep.
36.00	Gulch, 20 lks. wide, course S., asc. prec.
40.01	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 20 in N., and S 29 in S. half; raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.
58.00	Asc. steep.
62.00	Asc. grad. along S. slope.
80.02	To cor. of secs. 20, 21, 28 & 29, hereinbefore described. Land, mts., rough. Soil, 3rd rate, stony, dry. No timber, scrub oak, cacti, fair grass.

Chains.

- At 2h p.m., l.m.t., at the cor. of secs. 3, 4, 33 & 34, on the S. bdy. of the Tp., recently estab. by Jesse B. Wright & described in Book "D" I set off $19^{\circ}44\frac{1}{2}'$ S. on the decl. arc, and $31^{\circ}28'$ N. on the lat. arc, and determine a meridian with the solar. Thence I run,
- N. $0^{\circ}2'$ E., bet. secs. 33 & 34.
Over mts. land, desc. steep.
- 15.00 Gulch, 50 lks. wide, course WNW., asc. steep, very rough granite ledges and boulders.
- 36.00 Ridge, brs. NE. & SW., desc. steep.
- 40.00 Set an iron post $\frac{3}{4}$ ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 33 in W., and S 34 in E. half; from which,
An oak tree 12 ins. diam. brs. N. $21\frac{1}{2}^{\circ}$ E. 77 lks. dist., marked $\frac{1}{4}$ S 34 B T.
An oak tree 10 ins. diam. brs. S. 15° W. 87 lks. dist., marked $\frac{1}{4}$ S 33 B T.
- 50.00 Gulch, 25 lks. wide, course SW., asc. steep.
- 58.00 Spur, brs. E. & W., desc.
- 75.00 Gulch, 30 lks. wide, course W., asc. steep.
- 80.00 Set an iron post $\frac{3}{4}$ ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 27, 28, 33 & 34, marked on brass cap, T 22 S R 32 E, in N. half,
S 28 in NW.,
S 27 in NE.,
S 34 in SE., and
S 33 in SW. quad.;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
Land, mts., very broken and rough.
Soil, 3rd rate, stony, dry.
Few oak trees in gulches, scrub oak, cacti, sparse grass.
Nov. 20, 1912.
-
- Nov. 21, 1912. (hereinbefore described)
At 8h a.m., l.m.t., at the cor. of secs. 27, 28, 33 & 34, I set off $19^{\circ}54'$ S. on the decl. arc, and $31^{\circ}28\frac{1}{2}'$ N. on the lat. arc, and determine a meridian with the solar. Thence I run,
West, on a random line, bet. secs. 28 & 33.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.92 Intersect N. & S. line 5 lks. N. of cor. of secs. 28, 29, 32 & 33, hereinbefore described, whence I run, N. $89^{\circ}58'$ E., on a true line, bet. secs. 28 & 33.
Over mts. land, asc. along S. side of peak.
- 18.50 Top of S. side of Peak, apex is N. about 5 chs. dist., Desc. SE. slope.
- 19.00 House of Dave McDonald brs. S. $26\frac{1}{2}^{\circ}$ E., about 39 chs. dist.
- 21.20 Wire fence, brs. SSE. & NNW.
- 39.98 Set an iron post $\frac{3}{4}$ ft. long, 1 in. in diam. 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;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
- 43.20 Gulch, 40 lks. wide, course SSW.
- 44.00 Asc. prec. over granite bluffs.
- 48.25 Top of bluff, brs. NE. & SW.
Asc. along SW. slope.
- 79.92 To cor. of secs. 27, 28, 33 & 34, hereinbefore described.
Land, mts., broken.
Soil, 3rd rate, stony, dry, gravelly.
Few oak trees in canyons, scrub oak, cacti, sparse grass.
At this cor., at noon, I set off $19^{\circ}57'$ S. on the decl. arc, and observe the sun on the meridian.
The resulting lat. is $31^{\circ}28\frac{1}{2}'$ N.

Subdivision of ^{Frac.} T. 22 S., R. 32 E.

Chains.

N. 0° 2' E., bet. secs. 27 & 28.
 Over mts. land, asc. steep.
 22.00 Ridge, brs. W. & SSE., desc. prec.
 32.00 Gulch, 50 lks. wide, course WSW., asc. grad.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 28 in W., and
 S 27 in E. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 49.50 Fence, brs. E. & W.
 60.00 Wash, 20 lks. wide, course SW., Asc. steep.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 21, 22, 27 & 28, marked on
 brass cap, T 22 S R 32 E, in N. half,
 S 21 in NW.,
 S 22 in NE.,
 S 27 in SE., and
 S 28 in SW. quad.;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 Land, mts., broken.
 Soil, 3rd rate, stony.
 Scrub oak, cacti, sparse grass. Nov. 21, 1912.

Nov. 22, 1912. (hereinbefore described)

At 2h p.m., l.m.t., at the cor. of secs. 21, 22, 27 & 28,
 I set off 20° 11' S. on the decl. arc, and 31° 29 $\frac{1}{2}$ ' N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 S. 89° 58' W., on a random line, bet. secs. 21 & 28.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Intersect N. & S. line 12 lks. S. of cor. of secs. 20, 21,
 28 & 29, ~~hereinbefore described~~, whence I run,
 S. 89° 57' E., on a true line, bet. secs. 21 & 28.
 Over mts. land, desc. grad.
 10.00 Desc. prec.
 26.25 Gulch, 30 lks. wide, course SE., asc. prec.
 31.50 Top of SE. point of ridge, brs. SE. & NW., desc. prec.
 39.00 Gulch, 30 lks. wide, course S., asc. steep.
 39.98 Set an iron post 3 ft. long, 1 in. in diam. 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; from which,
 an oak tree 18 ins. diam. brs. N. 72 $\frac{1}{2}$ ° W. 35 lks. dist.,
 marked $\frac{1}{4}$ S 21 B T.
 An oak tree 6 ins. diam. brs. S. 1 $\frac{1}{2}$ ° E. 42 lks. dist.,
 marked $\frac{1}{4}$ S 28 B T.
 79.96 To cor. of secs. 21, 22, 27 & 28, ~~hereinbefore described~~.
 Land, mts., broken.
 Soil, 3rd rate, stony, dry.
 Few oak trees in canyons, scrub oak, cacti, fair grass.
 William H. Elliott.

General Description.

The remaining sections of this Tp. cover a very rough mountainous country, practically unsurveyable, and as no settlers are located therein, and the land being worthless for grazing or agricultural purposes, we discontinue the subdivision of the Tp.
 The portion surveyed is in general mountainous and rough, and is of little value except for grazing purposes. Dave McDonald and W.M. McDonald have located in NW. $\frac{1}{4}$ of sec. 33, and SW. $\frac{1}{4}$ of sec. 32, respectively, and have substantial improvements, such as dwellings wind mills, corrals, etc. No other settlers are located in the Tp. There is no living water in the Tp., nor any timber of commercial value.

Nov. 22, 1912.

Jose B. Wright
William H. Elliott
 U. S. Surveyors.

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FOR FINAL OATH OF UNITED STATES SURVEYOR.

See Book "C."

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, Ariz., *Jan. 26*, 1914.

The foregoing field notes of the survey of _____
Subdivision of fractional Township 22 South, Range 32 East,
of the Gila and Salt River Base and Meridian, Arizona,

executed by ~~his~~ ^{their} Jesse B. Wright and William H. Elliott, U.S. Surveyors, under ~~his~~ special instructions dated October 6, _____, 1911, 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. Lygall

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.~~