

FIELD NOTES

OF THE SURVEY OF THE

Subdivision of Fract T. 24 S., R. 32 E.

Of the Gila and Salt River Base and Meridian,
Arizona.

In the State of _____

EXECUTED BY
William H. Elliott,

In the capacity of U. S. Surveyor _____, under instructions dated Oct. 6, 1911, ~~191~~,
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 August 24, 1912

Survey commenced Dec. 20, 1912. _____, 1912

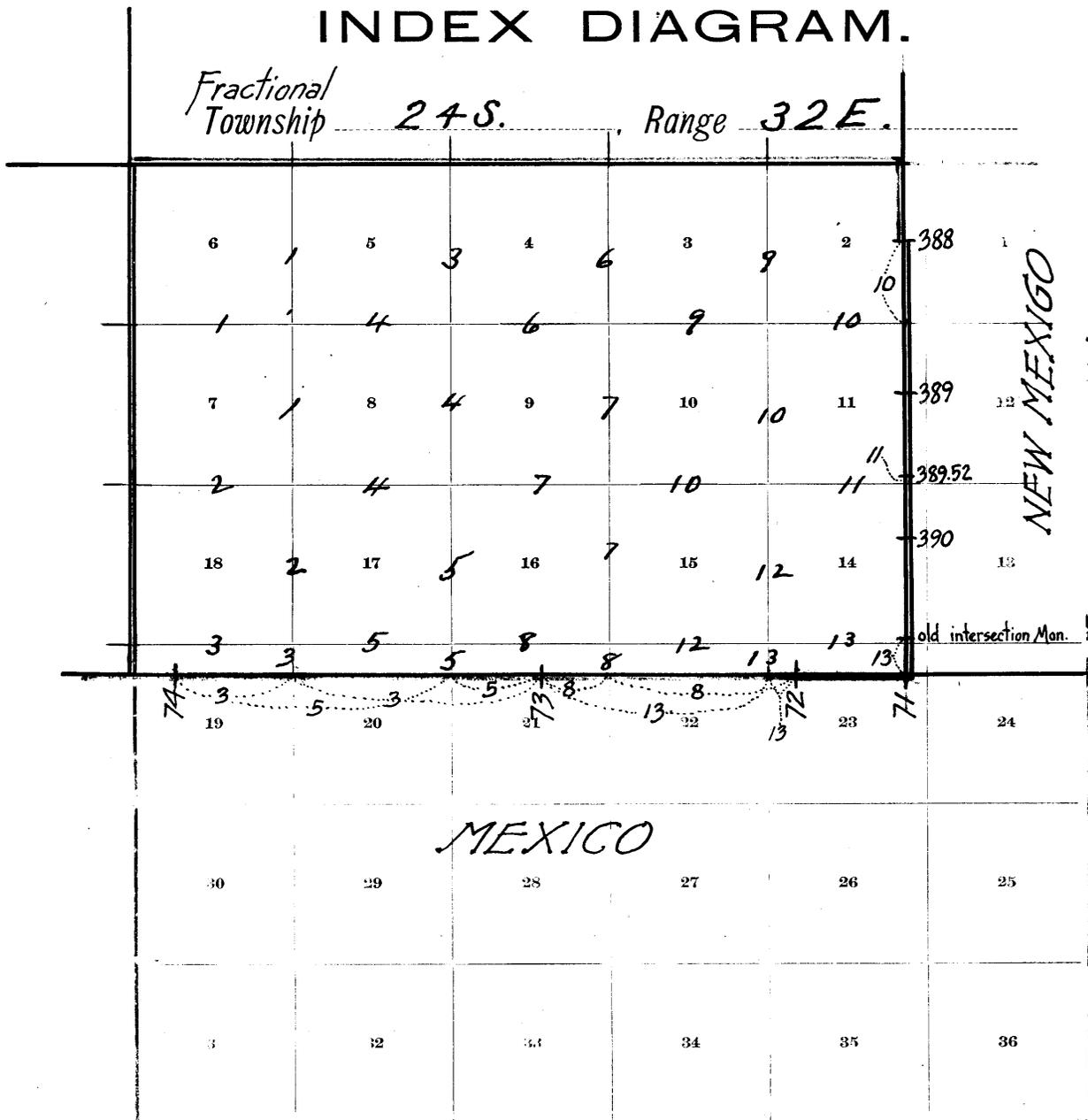
Survey completed Dec. 28, 1912. _____, 1912

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1A

BOOK 2486

INDEX DIAGRAM.

Fractional Township 24S. Range 32E.



— Book "A"
- - - Book "D"
· · · Book "G"

Chains.

Survey commenced Dec. 20, 1912, and executed with a Young & Sons light mountain transit No. 8492 with Smith patent solar attachment on side. The horizontal limb of the instrument reads to single minutes of arc by two verniers placed opposite to each other, which is also the least reading of the verniers of the latitude and declination arcs of the solar. Knowing from recent and repeated tests made on a true meridian established by observation of Polaris, that my instrument is in correct adjustment, I proceed as follows :-

At 8h a.m., l.m.t., at the cor. of secs. 5, 6, 31 & 32, on the north boundary of the Tp., as recently established by me, and heretofore described, in Book G

I set off $23^{\circ}23'$ S. on the decl. arc, and $31^{\circ}22\frac{1}{2}'$ N. on the lat. arc, and determine a meridian with the solar. thence I run, as per instructions,

S. $0^{\circ}1'$ W., bet. secs. 5 & 6.

Var. $13^{\circ}05'$ E.

Over mts. land, asc.

18.00 Ridge, brs. NNW. & SSE., thence along W. slope, asc.

33.00 Ridge, brs. SW. & ENE., desc. 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 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.

50.00 Desc. prec.

54.85 Gulch, 40 lks. wide, course W., asc. prec.

63.00 Asc. 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.

5, 6, 7 & 8, marked on brass cap,

T 24 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.;

raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, rolling, mts. Soil, 3rd rate, gravelly, stony, dry. Greasewood, mesquite, sage brush, cacti, fair grass.

West, on a random line, bet. secs. 6 & 7.

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

79.96 Intersect West bdy. of Tp. 5 lks. N. of cor. of secs. 1, 6, 7 & 12, recently estab. by Jesse B. Wright & described in Book D, whence I run, N. $89^{\circ}58'$ E., on a true line, bet. secs. 6 & 7.

Over heavily rolling land, asc. grad.

30.00 Foot of hill, brs. NNE. & SSW., 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 6 in N., and

S 7 in S. half,

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

79.96 To cor. of secs. 5, 6, 7 & 8, heretofore described.

Land, rolling, mts. Soil, 3rd rate, gravelly, stony, dry. Sage brush, mesquite, cacti, fair grass.

S. $0^{\circ}1'$ W., bet. secs. 7 & 8.

Over mts. land, asc. steep.

36.00 Top of hill, brs. ESE. & WNW., desc. steep.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 20 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 7 in W., and

S 8 in E. half;

Chains. 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 $23^{\circ}25\frac{1}{2}'$ S. on the decl.
 arc, and observe the sun on the meridian.
 The resulting lat. is $31^{\circ}21\frac{1}{2}'$ N.

79.00 Wash, 25 lks. wide, course SSW., asc.
 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 24 S R 32 E, in N. half,
 S 7 in NW.,
 S 8 in NE.,
 S 17 in SE., and
 S 18 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, gravelly, stony, dry.
 Sparse sage brush, cacti, greasewood, fair grass.

S. $89^{\circ}58'$ W., on a random line, bet. secs. 7 & 18.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect West bdy. of Tp. 7 lks. S. of cor. of secs. 7, 12, 13 &
 14, recently estab. by Jesse B. Wright & described, in Book D, whence I run,
 S. $89^{\circ}59'$ E., on a true line, bet. secs. 7 & 18.
 Over heavily rolling, broken land, through dense grease-
 wood, cacti, mesquite.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 24 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 7 in N., and
 S 18 in S. half;

raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
 72.20 Wash, 20 lks. wide, course S.
 78.50 Wash, 25 lks. wide, course SSW., asc.
 80.00 To cor. of secs. 7, 8, 17 & 18, heretofore described.
 Land, rolling, broken. Soil, 3rd rate, gravelly, stony.
 Sage brush, mesquite, cacti, greasewood, fair grass.
 Dec. 20, 1912.

Dec. 22, 1912.
 At 8h a.m., l.m.t., at the cor. above described,
 I set off $23^{\circ}23\frac{1}{2}'$ S. on the decl. arc, and $31^{\circ}21'$ N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 S. $0^{\circ}1'$ W., bet. secs. 17 & 18.
 Over heavily rolling, broken land, desc.

9.65 Wash, 30 lks. wide, course SW.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 24 ins. in
 the ground for $\frac{1}{4}$ sec. cor. Marked on brass cap, on
 $\frac{1}{4}$ 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.
 43.50 Wash, 30 lks. wide, course WSW.
 71.27 Road, brs. WNW. & ENE.
 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 24 S R 32 E, in N. half,
 S 17 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, rolling, mts., broken.
 Soil, 3rd rate, gravelly, stony, dry.
 Sage brush, greasewood, mesquite, cacti, good grass.

Chains.	N. 89°59' W., on a random line, bet. secs. 18 & 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect West bdy. of Tp. 2 lks. N. of cor. of secs. 13, 18, 19 & 24, recently estab. by Jesse B. Wright, & described in Book D, whence I run, East, on a true line, bet. secs. 18 & 19. Over rolling, broken land.
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 18 in N., and S 19 in S. half; from which, a cedar tree 6 ins. diam. brs. S. 17 $\frac{1}{2}$ ° E. 57 lks. dist., marked $\frac{1}{4}$ S 19 B T. No other trees available, raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.
46.90	Wash, 25 lks. wide, course SSW.
64.20	Road, brs. WSW. & ENE.
80.02	To cor. of secs. 17, 18, 19 & 20, hereinbefore described. Land, rolling, broken. Soil, 3rd rate, gravelly, dry, loose. Sage brush, greasewood, cacti, mesquite, few cedars.
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	S. 0° 1' W., bet. secs. 19 & 20. Over heavily rolling land.
12.15	Intersect International Boundary line between the United States and Republic of Mexico at a point whence, Mon. No. 74 on said line brs. N. 89°25' W. 59.35 chs. dist., which is an iron monument, marked and witnessed as described by the Surveyor-General. Mon. No. 73 on said line brs. S. 89°25' E. 128.80 chs. dist., which is a masonry monument, as described by the Surveyor-General. Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 19 & 20, marked on brass cap, ARI $\frac{1}{2}$, and T24 S R 32 E, in N., and CC, and MEX in S. half, S 19 in NW., and S 20 in NE. quad.; raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor. At this cor., at noon, I set off 23° 26' S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 31° 20' N. Land, rolling, Soil, 3rd rate, stony, gravelly.
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	Dec. 21, 1912. At 8h p.m., l.m.t., at the cor. of secs. 4, 5, 32 & 33, On the N. bdy. of the Tp., as recently established by me, and heretofore described, in Book G I set off 23° 23 $\frac{1}{2}$ ' S. on the decl. arc, and 31° 22 $\frac{1}{2}$ ' N. on the lat. arc, and determine a meridian with the solar. Thence I run,
	S. 0° 1' W., bet. secs. 4 & 5. Over heavily rolling land.
16.00	Wash, 40 lks. wide, course NW.
16.50	Road, brs. NW. & SE.
20.80	Wash, 80 lks. wide, course NW.
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 5 in W., and S 4 in E. half; raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
55.20	Road, brs. NNW. & SSE.
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 24 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.; raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor. Land, rolling, broken. Soil, 3rd rate, gravelly, loose, dry. Greasewood, cacti, fair grass.

Chains.

West, on a random line, bet. secs. 5 & 8.
 40.00 Set temp. $\frac{1}{4}$ sec. cor. hereinbefore described
 80.04 Intersect N. & S. line at cor. of secs. 5, 6, 7 & 8,
 whence I run,
 East, on a true line, bet. secs. 5 & 8.
 Over rolling land, asc.
 2.00 Ridge, brs. N. & S., desc. steep.
 19.80 Wash, 30 lks. wide, course NNE.
 35.50 Wash, 10 lks. wide, course NNE.
 40.02 Set an iron post 3 ft. long, 1 in. in diam. 12 ins. in
 the ground, in mound of stone, on bed-rock, for $\frac{1}{4}$ sec.
 cor., marked on brass cap,
 $\frac{1}{4}$ S 5 in N., and
 S 8 in S. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
 Cor. on top of low spur, brs. N. & S., desc.
 63.10 Wash, 10 lks. wide, course NNE.
 80.04 To cor. of secs. 4, 5, 8 & 9, hereinbefore described.
 Land, rolling, broken. Soil, 3rd rate, gravelly, dry,
 Sage brush, greasewood, mesquite, good grass.
 At this cor., at noon, I set off $23^{\circ}26'S$, on the decl.
 arc, and observe the sun on the meridian.
 The resulting lat. is $31^{\circ}22' N$.

S. ~~OP~~, 15 W., bet. secs. 8 & 9.
 Over broken, rolling land.
 33.50 Wash, 30 lks. wide, course ENE.
 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 W., and
 S 9 in E. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 45.00 Wash, 10 lks. wide, course ENE., asc.
 67.00 Spur, brs. ENE. & WSW., desc.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 8, 9, 16 & 17, marked on
 brass cap, T 24 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.
 Land, rolling, broken.
 Soil, 3rd rate, gravelly, dry, stony.
 Sage brush, greasewood, cacti, fair grass.

West, on a random line, bet. secs. 8 & 17.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.98 Intersect N. & S. line 5 lks. N. of cor. of secs. 7, 8, 17
 & 18, hereinbefore described, whence I run,
 N. $89^{\circ}58' E$., on a true line, bet. secs. 8 & 17.
 Over heavily rolling land.
 7.50 Wash, 10 lks. wide, course SSW.
 14.00 Wash, 20 lks. wide, course SW.
 27.10 Wash, 20 lks. wide, course SSW.
 34.15 Wash, 40 lks. wide, course SW.
 39.99 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;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
 48.00 Ridge, brs. NNW. & SSW., desc.
 77.00 Wash, 15 lks. wide, course USE. asc.
 79.98 To cor. of secs. 8, 9, 16 & 17, hereinbefore described.
 Land, rolling. Soil, 3rd rate, gravelly. Greasewood, fair grass.
 Dec. 27, 1912.

Chains.	Dec. 22, 1912.
	S. $0^{\circ} 1'$ W., bet. secs. 16 & 17.
	Over broken land, desc.
3.00	Wash, 15 lks. wide, course SE.
33.00	Wash, 30 lks. wide, course ESE.
40.00	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 17 in W., and S 16 in E. half, raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
51.40	Wash, 24 lks. wide, course E.
62.50	Wash, 10 lks. wide, course E.
76.00	Desc. limestone bluff, brs. E. & W.
76.50	Desc. steep.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 16, 17, 20 & 21, marked on brass cap, T 24 S R 32 E, in N. half; S 17 in NW., S 16 in NE., S 21 in SE., and S 20 in SW. quad.; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
	Land, rolling, broken. Soil, 3rd rate, gravelly, dry. Sage brush, greasewood, cacti, fair grass.
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	S. $89^{\circ} 58'$ W., on a random line, bet. secs. 17 & 20.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. & S. line 12 lks. S. of cor. of secs. 17, 18, 19 & 20, hereinbefore described , whence I run, S. $89^{\circ} 57'$ E., on a true line, bet. secs. 17 & 20. Over rolling, broken land.
25.00	Ridge, brs. NNE. & SSW., desc.
25.80	Road, brs. ESE. & WNW.
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 17 in N., and S 20 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
80.00	To cor. of secs. 16, 17, 20 & 21, hereinbefore described . Land, rolling, broken. Soil, 3rd rate, gravelly, dry. Greasewood, mesquite, cacti, sage brush, fair grass.
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	S. $0^{\circ} 1'$ W., bet. secs. 20 & 21.
	Over rolling land.
2.00	Wash, 15 lks. wide, course E.
8.00	Road, brs. E. & W.
12.86	Intersect International Bdy. line, at a point whence, Mon. No. 73 on said line brs. S. $89^{\circ} 25'$ E. 48.80 chs. dist., heretofore described. Mon. No. 74 on said line brs. N. $89^{\circ} 25'$ W. 139.35 chs. dist., heretofore described. Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 20, & 21, marked on brass cap, ARIZ, and T 24 S R 32 E, in N., C C, and MEX, in S. half, S 20 in NW., and S 21 in NE. quad.; Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
	Land, rolling, soil, 3rd rate, stony, gravelly.

Dec. 22, 1912.

Chains.

- Dec. 23, 1912.
 Stormy in forenoon.
 At 1h p.m., l.m.t., at the cor. of secs. 3, 4, 33 & 34,
 on the North bdy. of the Tp., as heretofore established
 and described by me, in Book "G"
 I set off $23^{\circ}25'$ S. on the decl. arc, and $31^{\circ}22\frac{1}{2}'$ N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 S. $0^{\circ}2'$ W., bet. secs. 3 & 4.
 Over broken land, desc. across head of wash
 5.00 Asc.
 10.00 Limestone ridge, brs. NW. & SE., desc. steep.
 25.00 Gulch, 30 lks. wide, course W., asc. steep.
 38.90 Spur, brs. E. & W., 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 4 in W., and
 S 3 in E. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 48.50 Gulch, 40 lks. wide, course WNW., asc.
 52.00 Low ridge, brs. E. & WNW., desc. grad.
 57.50 Road, brs. NW. & SE., head of wash, course W., asc. along
 E. slope.
 68.00 Ridge, brs. NNW. & SSE., desc.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 3, 4, 9 & 10, marked on
 brass cap, T 24 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.;
 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.
 Mesquite brush, cacti, greasewood, fair grass.
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- West, on a random line bet. secs. 4 & 9
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.98 Intersect N. & S. line 7 lks. N. of cor. of
 secs. 4, 5, 8 & 9, ~~hereinbefore described~~, whence I run,
 N. $89^{\circ}57'$ E., on a true line, bet. secs. 4 & 9.
 Over heavily rolling land, through dense greasewood and
 sage brush.
 12.95 Road, brs. SSE. & NNW.
 39.99 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 E. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
 Asc. grad. from cor.
 70.00 Asc. steep.
 79.98 To cor. of secs. 3, 4, 9 & 10, hereinbefore described.
 Land, rolling, mts., broken.
 Soil, 3rd rate, gravelly, stony, dry.
 Sage brush, greasewood, cacti, good grass.

Dec. 23, 1912

Chains.

	Dec. 24, 1912.
	At 8h a.m., l.m.t., at the cor. of secs. 3, 4, 9 & 10, ^{hereinbefore described}
	I set off $23^{\circ}22'$ S. on the decl. arc, and $31^{\circ}22'$ N. on the lat. arc, and determine a meridian with the solar.
	Thence I run,
	S. $0^{\circ}2'$ W., bet. secs. 9 & 10.
	Over mts. land, asc. grad.
6.00	Ridge, brs. E. & W., desc. grad.
12.00	Wash, 20 lks. wide, course SW., asc.
15.00	Ridge, brs. SW. & NE., desc.
30.00	Wash, 30 lks. wide, course W., asc. grad.
39.50	Top of spur, brs. E. & W., 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 W., and S 10 in E. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
47.50	Wash, 20 lks. wide, course SW., asc.
48.50	Spur, brs. NE. & SW., desc.
53.00	Wash, 10 lks. wide, course NW., asc.
67.00	Head of wash, course W.,
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 24 S R 32 E, in N. half, S 9 in NW., S 10 in NE., S 15 in SE., and S 16 in SW. quad.;
	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
	Land, rolling, mts., broken. Soil, 3rd rate, gravelly. Greasewood, cacti, sage brush, fair grass.
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	S. $89^{\circ}57'$ W., on a random line, bet. secs. 9 & 16.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. & S. line 5 lks. S. of cor. of secs. 8, 9, 16 & 17, hereinbefore described , whence I run, N. $89^{\circ}59'$ E., on a true line, bet. secs. 9 & 16.
	Over heavily rolling land.
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 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.
44.80	Wash, 60 lks. wide, course ESE.
58.20	Road, brs. N. & S.
77.10	Wash, 10 lks. wide, course SW., asc.
80.02	To cor. of secs. 9, 10, 15 & 16, hereinbefore described . Land, rolling, broken. Soil, 3rd rate, gravelly, dry. Mesquite, greasewood, cacti, fair grass.
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	S. $0^{\circ}2'$ W., bet. secs. 15 & 16.
	Over rolling land, desc. grad.
21.80	Road, brs. SE. & NW.
30.00	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 16 in W., and S 15 in E. half; 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 $23^{\circ}24'$ S. on the decl. arc, and observe the sun on the meridian.
	The resulting lat. is $31^{\circ}20\frac{1}{2}'$ N.

Chains.
 48.00 Top of hill, brs. E. & W., desc. steep.
 76.00 Desc. prec.
 78.00 Foot of bluff, enter Guadalupe Canyon, course E. & W.
 78.50 Road, brs. E. & W.
 79.50 Wash, 50 lks. wide, course WSW., asc.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 15,16,21 & 22, marked on brass cap, T 24 S R 32 E, in N. half, S 16 in NW., S 15 in NE., S 22 in SE., and S 21 in SW. quad.; from which, A cottonwood tree 18 ins. diam. brs. N. 59° E. 27 lks. dist., marked T 24 S R 32 E S 15 B T.
 An oak tree 12 ins. diam. brs. S. 6° E. 44 lks. dist., marked T 24 S R 32 E S 22 B T.
 An oak tree 12 ins. diam. brs. S. 32½° W. 57 lks. dist., marked T 24 S R 32 E S 21 B T.
 An oak tree 8 ins. diam. brs. N. 48½° W. 103 lks. dist., marked T 24 S R 32 E S 16 B T.
 Land, broken, mts. Soil, 3rd rate, stony.
 Mesquite, scrub oak, cacti, cottonwood in canyon.

40.00 S. 89°59' W., on a random line, bet. secs. 16 & 21. Set temp. ¼ sec. cor.
 79.96 Intersect N. & S. line 12 lks. S. of cor. of secs. 16,17,20 & 21, ~~hereinbefore described~~, whence I run, S. 89°56' E., on a true line, bet. secs. 16 & 21. Over rolling, broken land, desc.
 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 16 in N., and S 21 in S. half; raise a mound of stone 2 ft. base, 1½ ft. high N. of cor.
 50.00 Desc. steep.
 56.00 Wash, 40 lks. wide, course S.
 66.35 House of C.H. Cosper, brs. S. 11 chs. dist.
 76.50 Road, brs. WSW. & ENE.
 78.00 Wash, in Guadalupe Canyon, 100 lks. wide, course WSW., asc.
 79.96 To cor. of secs. 15,16,21 & 22, ~~hereinbefore described~~. Land, rolling, broken, mts. Soil, 3rd rate, gravelly, stony. Mesquite, greasewood, scrub oak, cacti, fair grass.

S. 0° 2' W., bet. secs. 21 & 22. Over mts. land, asc.
 0.22 Wire fence, brs. ENE. & WSW.
 3.00 Asc. from canyon.
 13.23 Intersect International Boundary Line, at a point whence, Mon. No. 73 on said line brs. S. 89°57' W. 31.16 chs. dist., heretofore described. Mon. No. 72 on said line brs. N. 89°57' E. 94.80 chs. dist., An iron monument as described by the Surveyor-General. Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 21 & 22, marked on brass cap, ARIZ, T 24 S R 32 E, in N., and CC, and MEX, in S. half, S 21 in NW., and S 22 in NE. quad.; raise a mound of stone 2 ft. base, 1½ ft. high N. of cor. Land, mts., broken. Soil, 3rd rate, stony, dry.

Dec. 24, 1912.

Chains.	
	Dec. 26, 1912.
	At 8h a.m., l.m.t., at the cor. of secs. 2, 3, 34 & 35, on the North bdy. of the Tp., as heretofore established and described by me in Book G,
	I set off $23^{\circ}19'S$. on the decl. arc, and $31^{\circ}22\frac{1}{2}'N$. on the lat. arc, and determine a meridian with the solar.
	Thence I run, S. $0^{\circ}2'$ W., bet. secs. 2 & 3.
	Over rolling land, desc.
1.50	Wash, 50 lks. wide, course SE., asc.
15.00	Ridge, brs. E. & W., desc.
28.00	Wash, 15 lks. wide, course E., asc.
32.00	Ridge, brs. E. & W., desc.
40.00	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 3 in W., and S 2 in E. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
59.00	Wash, 20 lks. wide, course ESE., asc.
61.00	Ridge, brs. E. & W., desc.
75.00	Wash, 14 lks. wide, course SE., asc.
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 24 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.; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, rolling, mts. Soil, 3rd rate stony. Greasewood, scrub oak, mesquite, cacti, fair grass.
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	West, on a random line, bet. secs. 3 & 10.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. & S. line 5 lks. S. of cor. of secs. 3, 4, 9 & 10, hereinbefore described , whence I run, S, $89^{\circ}58'$ E., on a true line, bet. secs. 3 & 10. Over rough, broken land, asc.
1.00	Ridge, brs. NNW. & SSE., desc. steep.
15.50	Gulch, 20 lks. wide, course SSE., thence over points of ridges.
19.00	Gulch, 30 lks. wide, course S. joins above gulch 1 bh. to S., asc. grad.
27.50	Limestone ridge, brs. N. & S., desc.
35.00	Wash, 25 lks. wide, course S., asc. steep.
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 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. At this cor., at noon, I set off $23^{\circ}21'S$. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $31^{\circ}22' N$.
44.00	Asc. prec. bluff.
45.10	Top of bluff, and ridge, brs. N. & S., desc. steep.
80.02	To cor. of secs. 2, 3, 10 & 11, hereinbefore described . Land, mts., broken. Soil, 3rd rate gravelly, stony. Scrub oak, greasewood, cacti, fair grass.

Chains.	East, bet. secs. 2 & 11. Over mts. land, desc.
3.50	Wash, 15 lks. wide, course SE.
7.90	Spur, brs. NW. & SE., desc. grad.
31.50	Wash, 30 lks. wide, course S., asc.
35.00	S. point of spur, brs. SSW. & NE., desc.
37.00	Wash, 15 lks. wide, course SSW., asc. steep.
40.00	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 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.
51.75	Ridge, brs. N. & SSW., desc.
65.00	Wash, 15 lks. wide, course WSW., asc.
70.84	Intersect East Boundary of Arizona at a point whence, the 388 mile cor. on said line, brs. North, 41.40 chs. a granite stone 17x13x9 ins. above ground, marked & witnessed as described by the Surv Genl. 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, and N M, in E., and T 24 STR 32 E, and ARIZ in W. 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., broken. Soil, 3rd rate, stony, gravelly. Scrub oak, cacti, fair grass.
	Dec. 26, 1912.
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	Dec 27, 1912. bet. secs. 10 & 11. (hereinbefore described)
	At 8h a.m., l.m.t., at the cor. of secs. 2, 3, 10 & 11, I set off $23^{\circ}16\frac{1}{2}'$ S. on the decl. arc, and $31^{\circ}22'$ N. on the lat. arc and determine a meridian with the solar. Thence I run, S. $0^{\circ}2'$ W., bet. secs. 10 & 11. Over mts. land, desc.
40.00	Set an iron post 3 ft. long, 1 in. in dia m. 26 ins. in the ground 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.
47.50	Wash, 10 lks. wide, course SSE., asc.
52.00	Spur, brs. NW. & SE., desc.
70.50	Wash, 30 lks. wide, course SE., asc.
80.00	Spur, brs. NNW. & SSE., Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 10, 11, 14 & 15, marked on brass cap, T 24 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. Land, rolling, stony, mts. Soil, 3rd rate, stony, gravelly, dry. Scrub oak, cacti, greasewood. fair grass.
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40.00	N. $89^{\circ}58'$ W., on a random line, bet. secs. 10 & 15. Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect N. & S. line 5 lks. S. of cor. of secs. 9, 10, 15 & 16, hereinbefore described , whence I run, S. $89^{\circ}56'$ E., on a true line, bet. secs. 10 & 15. Over mts. land, asc. steep.
3.00	Ridge, brs. N. & S., desc.
11.00	Wash, 10 lks. wide, course SSE., asc.
18.00	Spur, brs. NNE. & SSW., desc.

Chains.

- 24.30 Wash, 10 lks. wide, course SSE., asc.
 27.85 Ridge, brs. N. & S., desc.
 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 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. At this cor., at noon, I set off $23^{\circ}18\frac{1}{2}'$ S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $31^{\circ}21'$ N.
- 40.50 Wash, 25 lks. wide, course SSE., asc.
 46.00 Spur, brs. N. & S., desc.
 52.00 Wash, 10 lks. wide, course SSW., asc.
 63.80 Ridge, brs. NNW. & SSE., desc.
 75.80 Wash, 15 lks. wide, course SSE., asc.
 80.06 To cor. of secs. 10, 11, 14 & 15, hereinbefore described. Land, rolling, mts., broken. Soil, 3rd rate, gravelly, stony, dry. Sage brush, gressewood, fair grass.
-
- East, bet. secs. 11 & 14.
 Over mts. land, desc. steep.
- 4.00 Desc. prec.
 4.20 Foot of bluff, brs. N. & S., enter flat in draw.
 10.00 Wash, 25 lks. wide, course WSW.,
 12.50 Road, brs. NE. & SW.
 13.00 Same wash as above, course WNW.
 14.00 Same wash, course SW., asc.
 23.00 Wash, 10 lks. wide, course N.
 31.00 Spur, brs. N. & S., desc. grad.
 32.50 Wash, 15 lks. wide, course NE., 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 11 in N., and S 14 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
- 45.90 Ridge, brs. N. & S., desc. grad.
 House of Wesley Barnett brs. S. $49\frac{1}{4}^{\circ}$ E. about 16 chs. dist.
 House of B. J. Casson brs. S. $23^{\circ}40'$ W., about 35 chs. dist.
- 47.00 Desc. steep.
 65.00 Enter Guadalupe Canyon, course S., running water 5 chs. S.
 69.00 Road, brs. SSW. & NE.
 69.60 Wash, in Canyon, 70 lks. wide, course SSW.
 70.77 Intersect East Bdy. of Ariz. at a point whence, Mon. marked 389.52 brs. North, 5.36 chs. dist., which is a granite stone 48x20x50 ins. set firmly in the ground, marked and witnessed as described by the Surveyor-General.
 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, and N M, in E., and ARIZ, and T 24 S R 32 E, in W. half, S 11 in NW., and S 14 in SW. quad.; from which,
 An ash tree 10 ins. diam. brs. N. $19\frac{1}{2}^{\circ}$ W. 111 lks. dist. marked T 24 S R 32 E S 11 C C B T.
 A sycamore tree 14 ins. diam. brs. S. 80° W. 78 lks. dist., marked T 24 S R 32 E S 14 C C B T.
- Land, rolling, broken, mountainous.
 Soil, 3rd rate, stony, dry.
 Scrub oak, fair grass, few sycamore and ash trees in Canyon.

Dec. 27, 1912.

Chains.

Dec 28, 1912. (hereinafter described)
 At 8h a.m., l.m.t., at the cor. of secs. 10, 11, 14 & 15,
 I set off 23°14' S. on the decl. arc, and 31°21' N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 S. 0° 2' W., bet. secs. 14 & 15.
 Over mts., broken land, desc.
 16.10 Wash, 50 lks. wide, course SW.
 18.00 Road, brs. NE. & SW.
 25.00 Wire fence, brs. SE. & WSW.
 34.80 Wire fence, brs. E. & W.
 35.20 Road, brs. E. & W., in wash of Guadalupe Canyon, 100 lks.
 wide, course W., asc.
 37.35 Wire fence, brs. E. & W.
 40.00 Low ridge, brs. E. & W.
 Set an iron post 3 ft. long, 1 in. in diam. 10 ins. in
 the ground, on bed-rock, in mound of stone for ¼ sec.
 cor., marked on brass cap,
 ¼ S 15 in W., and
 S 14 in E. half;
 raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.
 44.00 Desc.
 55.00 Wash, 20 lks. wide, course NW., asc. steep.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 14, 15, 22 & 23, marked on
 brass cap, T 24 S R 32 E, in N. half,
 S 15 in NW.,
 S 14 in NE.,
 S 23 in SE., and
 S 22 in SW. quad.;
 raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.
 Land, mts., very broken.
 Soil, 3rd & 4th rate, gravelly, stony, dry.
 Scrub oak, greasewood, cacti, sparse grass.

40.00 N. 89°56' W., on a random line, bet. secs. 15 & 22.
 Set temp. ¼ sec. cor.
 80.04 Intersect N. & S. line 12 lks. N. of cor. of
 secs. 15, 16, 21 & 22, ~~hereinafter described~~, whence I run,
 N. 89°59' E., on a true line, bet. secs. 15 & 22.
 Over mts., broken land,
 1.00 Wire fence, brs. ENE. & WSW.
 3.00 Asc. from canyon.
 30.00 Running water in wash, 3 chs. to S.
 36.00 Asc. steep.
 40.02 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 15 in N., and
 S 22 in S. half;
 raise a mound of stone 2 ft. base, 1½ ft. high N. of cor.
 58.50 Top of N. side of peak, summit brs. 9 chs. S., desc.
 across head of gulch, to N.
 68.00 Asc. steep.
 78.00 Top of S. side of peak, summit is 2 chs. to N., desc. steep.
 80.04 To cor. of secs. 14, 15, 22 & 23, ~~hereinafter described~~
 Land, rolling, broken, rough, mts.
 Soil, 3rd rate, gravelly, stony, dry.
 Scrub oak, cacti, sparse grass.
 At this cor., at noon, I set off 23°15½' S. on the decl.
 arc, and observe the sun on the meridian.
 The resulting lat. is 31°20' N.

Land,
 East, bet. secs. 14 & 23.

Chains.

East, bet. secs. 14 & 23.
 Over mts. land, desc. steep.
 2.00 Gulch, 20 lks. wide, course N., asc. steep.
 20.00 Saddle in mountains, brs. N. & S., thence along S. slope,
 22.00 Desc.
 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 14 in N., and
 S 23 in S. half;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
 48.00 Ridge, brs. NNW. & SSE., desc. steep.
 55.00 Gulch, 30 lks. wide, course N., asc. steep.
 62.00 Spur, brs. NNW. & SSE., desc. steep.
 70.67 Intersect East Bdy. of Arizona at a point whence,
 The cor. as set for the Intersection of the E. Bdy. of
 Ariz. with International Boundary line, brs. North, 2.20
 Chs. dist., which is a granite stone ~~24x18x36~~ ins.
 above ground, marked and witnessed as described by the
 Surveyor-General.
 This monument has previously been found by me to be
 15.43 chs. N. of monument No. 71 of the International
 Boundary line.
 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for closing cor. of secs. 14 & 23, marked on
 brass cap, C C, and N M, on E., and
 ARIZ, T 24 S R 32 E, in W. half,
 S 14 in NW., and
 S 23 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.
 Scrub oak, cacti, greasewood, fair grass.

13.23 Sec. 21 W., bet. secs. 22 & 23.
 Over mts. land, desc. steep.
 Intersect International Bdy. line at a point whence,
 Mon. No. 72 on said line brs. N. $89^{\circ}57'E$. 14.76 chs.
 dist., as heretofore described.
 Mon. No. 73 on said brs. brs. S. $89^{\circ}57'W$. 111.20 chs.
 dist., as heretofore described.
 Set an iron post 3 ft. long, 2 ins. in diam. 10 ins. in
 the ground, on bed-rock, in mound of stone for closing
 cor. of secs. 22 & 23, marked on brass cap,
 CC, and MEX in S., and
 ARIZ, T 24 S R 32 E, in N. half,
 S 22 in NW., and
 S 23 in NE. quadrant,
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
 Land, mts. Soil, 3rd rate, stony, dry.
 Scrub oak, cacti, fair grass.

Dec. 28, 1912.

General Description.

Frac. T. 24 S., R. 32 E., as surveyed by me lies in a broken
 mountainous district, and contains but little land
 suited for agricultural purposes, but is mostly good
 grazing land.
 There is no timber in the Tp. of any commercial value.
 There are slight indications of mineral
 in places, but no developed mines were noted, only
 small prospect shafts.
 The following settlers are located in the Tp.,
 having improvements such as wells, dwelling houses,
 corrals, etc.,
 Wesley Barnett, and B.L. Casson, in sec. 14
 G.H. Cosper, in sec. 21. T. Estes, in sec. 15., and a
 family of Mexicans in sec. 2. *William C. E. Hill* U.S. Surveyor.
 Dec. 28, 1912.

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BOOK 2486

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 lines of frac'l. Township 24 South, Range 32 East,
of the Gila and Salt River Base and Meridian, Arizona,

executed by William H. Elliott, U. S. Surveyor,
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. Ingalls
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.