

3472

4-679

FIELD NOTES

OF ~~THE SURVEY~~ THE EXTENSION SURVEY AND
INDEPENDENT RESURVEY OF

Subdivision Lines

in

TOWNSHIP 5 SOUTH., RANGE 5 EAST

Within the Gila River Indian Reservation

Of the Gila & Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Guy P. Harrington

In the capacity of U. S. Surveyor, under instructions dated Oct. 11, 1910,
Commissioner of the General Land Office to A.F. Dunnington
issued by the ~~United States Surveyor General to govern surveys included in~~
Topographer in Charge of Indian Surveys.
~~Group No.~~, which were approved by the Commissioner of the General Land
Office, 1911

Survey commenced February 10, 1911

Survey completed November 7, 1911

1472

INDEX DIAGRAM.

Township 5 South, Range 5 East.

31	32	30	24	17	10
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Subdivision of fracl. T 5 S., R 5 E.

Chains

The NE. cor. of this township is in Lat 33°02'N., Long. 111°47'W.

Survey commenced February 10, 1911, by Guy P Harrington, U.S. Surveyor, and executed with a Young & Sons light mountain transit No. 8388 with solar attachment. The horizontal limb, being provided with two double verniers, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The iron posts used in this survey are 3 ft. long, 1 in. in diameter, filled with cement, and fitted with brass caps.

February 10, 1911. At 9 a.m., l.m.t. I set off 33°01 1/2' on the lat. arc, 14°31 1/2'S. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 1, 2, 35, and 36, on N. bdy. of Tp.

Thence I run

S 0°01'E. bet. secs. 1 and 2.

Over broken mountainous land, through open brush.

10.00 Beginn ascent of low ridge, bears E. and W.

19.75 Summit of low ridge, bears NW. and SE. thence descend S. slope.

26.20 Wash course W at base, of ridge., thence begin ascent of NW. slope.

34.00 Top of ascent bears E. and W.

35.00 Begin descent of SW. slope.

40.00 Set an iron post 26 ins. in the ground for 1/4 sec. cor. bet. secs. 1 and 2., with brass cap stamped.

1/4 S 2 in W half
S 1 in E half
1911 in S

Build a mound of stone 2 1/2 ft. base, 1 1/2 ft. high W. of cor. Cor. on S. slope.

43.75 Wash at base of ridge, course S70°W.

45.00 Wash, course W.

Subdivision of fracl. T 5 S., R 5 E.

Chains

- 48.50 Begin ascent of NW.slope of ridge.
- 58.75 Top of ridge, bears NE. and SW.. Thence descend.
- 60.00 Wash course W.
- 61.50 Wash, course N80°W., base of descent, thence ascend.
- 65.20 Top of ridge, bears NW. and SE., thence along SW.slope.
- 80.00 Set an iron post 26 ins. in the ground for cor. of secs.
1, 2, 11, and 12, with brass cap stamped
- T 5 S S1 in NE. quadrant
R 5 E S12 in SE quadrant
S11 in SW quadrant
S2 in NW quadrant
- 1 notch on E., and 5 notches on S edges
1911 in S.
- Build a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor.
Land broken and mountainous.
Soil stony 3 rd. rate.
Open brush of palo verde, palo fierro, chaparral, and sage,
full distance.
-
- From the cor. of secs. 1, 2, 11, and 12, I run
East on a random line bet. secs. 1 and 12.
- 40.00 Set temp. 1/4 sec. cor. bet. secs. 1 and 12.
- 79.92 Intersect the cor. of secs. 1, 6, 7, and 12 on E. bdy. of Tp.
Thence I run
West on a true line bet. secs. 1 and 12.
Over broken mountainous land, through open growth of brush.
- 0.30 Enter wash from N70°W., bears along line.
- 2.50 Leave wash, course S 70°E.
- 32.50 Wash, course S70°E.
- 38.20 Wash, course S20°E.
- 39.96 Set an iron post 26 ins. in the ground for 1/4 sec. cor. bet.
secs. 1 and 12., with brass cap stamped.

Subdivision of frac1. T 5 S., R 5 E.

Chains

1/4 S 1 in N.half
1911 S 12 in S half

Dig pits 18x18x12 ins.E. and W. of post 3 ft. dist., and raise a mound of earth 3 ft. base, 1 1/2 ft. high N.of cor.

46.50 Wash, course S.

56.50 Wash, course S.

63.90 Wash, course S. from N70°W.

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

Land, broken and mountainous.

Soil stony 3 rd. rate.

Open brush of chaparral, palo verde, palo fierro and cactus full distance.

From the 1/4 sec. cor. bet. secs. 1 and 36 on N. bdy. of Tp., I run

S 0°01'E. on a random line, through the middle of sec. 1

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

79.97 Fall 14 lks. E. of the 1/4 sec. cor. bet. secs. 1 and 12.

Move temp. center 1/4 sec. cor 7 lks. W.

From the 1/4 sec. cor. bet. secs. 1 and 2 ., I run

East on a random line through the middle of sec. 1.

39.97 Fall 3 lks. S. of temp. center 1/4 sec. cor.

80.02 Fall 6 lks. N. of the 1/4 sec. cor. bet. secs. 1 and 6 on E bdy. of Tp.

(Point for center 1/4 sec. cor, is therefore, 6 lks. S0°05'W. of temp. cor.)

Thence I run

N 89°57'W. on a true line through the middle of sec. 1

Over broken mountainous land, through open brush.

17.75 Wash, course N.

18.50 Begin broken ascent of mountain, bears N. and S.

40.05 Set an iron post 26 ins. in the ground for center 1/4 sec. cor. of sec. 1, with brass cap stamped

Subdivision of fract. T 5 S., R 5 E.

Chains

O $\frac{1}{4}$ S1 1911

- Build a mound of stone $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
- 45.50 Wash, course N.
- 60.50 Top of ridge, bears N. and S; This ridge forms the summit of highest peak in vicinity.
- 80.02 (39.97) The $\frac{1}{4}$ sec. cor. bet. secs. 1 and 2.
Land broken and mountainous.
Soil stony $\frac{3}{4}$ rd. rate.
Open growth of palo verde, palo fierro, chaparral, sage, and cactus.
- Returning to the $\frac{1}{4}$ sec. cor. bet. secs. 1 and 36 on N. bdy. of Tp., thence I run
S $0^{\circ}05'$ W. on a true line, through the middle of sec. 1
Over broken mountainous land, through open brush.
- 19.75 Wash, course NW.
- 26.00 Wash, course N 20° E.
- 27.00 Begin ascent of N. slope of ridge, bears E. and W.
- 40.06 The center $\frac{1}{4}$ sec. cor.
- 50.00 Top of ridge, bears E. and W.
- 62.50 Wash, course E.
- 65.70 Wash, course S 10° E.
- 79.97 (39.91) The $\frac{1}{4}$ sec. cor. bet. secs. 1 and 12.
Land broken and mountainous.
Soil sandy and gravelly $\frac{3}{4}$ rd. rate.
Open brush of palo verde, palo fierro, chaparral and cactus, full distance

February 10, 1911., At the cor. of secs. 1, 2, 11, and 12, I set off $14^{\circ}29\frac{1}{2}'$ S. on the decl. arc, and at apparent noon observe the sun on the meridian.; the resulting latitude is $33^{\circ}01'$., which is correct.

From the cor. of secs. 1, 2, 11, and 12

Subdivision of fragl. T 5 S., R 5 E.

Chains

I run

S 0°01'E. on a random line bet. secs. 11 and 12.

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

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

109.20 Fall $\frac{1}{2}$ lks. W. of the cor. of secs. 11 and 12 on S. bdy. of
Reservation

Returning to the cor. of secs. 1, 2, 11, and 12, thence I run

S 0°02'E. on a true line bet. secs. 11 and 12.

Over broken mountainous land, through open brush.

0.75 Wash, course W. Thence begin ascent of low ridge, bears E.
and W.

4.00 Summit of ridge, bears E. and W., thence descend.

8.00 Base of descent, bears E. and W.

14.00 Wash, course N10°W.

26.10 Wash, course W.

40.00 Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of
secs. 11 and 12, with brass cap stamped

$\frac{1}{4}$ S11 in W half
S12 in E half
1911 in S

Dig pits 18x18x12 ins. N. and S. of post $\frac{1}{2}$ ft. dist., and
raise a mound of earth, $\frac{3}{4}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

41.25 Wash, course N40°W.

46.20 Wash, course, NW.

48.00 Wash, course NW. thence begin rocky and abrupt ascent of N.
slope.

67.90 Top of ridge, bears NE. and SW., thence descend.

76.20 Wash at base of ridge, course E.

80.00 Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor.,
bet. secs. 11 and 12, with brass cap stamped

$\frac{1}{4}$ S 11 in W half
S 12 in E half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post $\frac{1}{2}$ ft. dist., and
raise a mound of earth $\frac{3}{4}$ ft. base, $1\frac{1}{2}$ ft. high W. of

Subdivision of fracl. T 5 S., R 5 E.

Chains	cor.
	A palo verde 8 ins. in diam. bears S27½°E.85 lks. dist., mkd. ¼ S12 BT.
89.50	Wash, course NE.
97.25	Wash, course E.
98.00	Wash, course E.
109.20	The cor. of secs. 11 and 12 on S.bdy. of the Gila River Indian Reservation.
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	From the ¼ sec. cor. bet. secs. 1 and 12, I run S 0°01'E. on a random line, through the middle of sec. 12
40.00	Set temp. center ¼ sec. cor.
80.00	Set temp. ¼ sec. cor.
109.10	Intersect the ¼ sec. cor. of sec. 12 on S.bdy. of the Reservation.
	From the N. ¼ sec. cor. bet. secs. 11 and 12, I run East on a random line, through the middle of sec. 12.
39.96	Fall 2 lks. S. of temp. center ¼ sec. cor.
79.96	Fall 4 lks. S. of the ¼ sec. cor. bet. secs. 7 and 12 on E. bdy. of Tp.
	(Point for center ¼ sec. cor., is therefore at temp cor.) Thence I run S 89°58'W. on a true line, through the middle of sec. 12. Over broken and mountainous land.
1.80	Wash, course SW.
12.00	Wash, course S10°W.
40.00	Set an iron post 26 ins. in the ground for center ¼ sec. cor. of sec. 12, with brass cap stamped
	C ¼ S12 1911
	Dig pits 18x18x12 ins. E, S, and W. ½ ft. and N. of post 7 ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high N. of cor.
44.00	Wash, course S10°W.

Subdivision of fracl. T 5 S., R 5 E.

Chains

- 64.10 Wash, course N.
- 66.50 Wash, course N.
- 68.75 Wash, course N.
- 71.00 Wash, course N.
- 79.96 (39.96) The $\frac{1}{4}$ sec. cor. bet. secs. 11 and 12.
 Land broken and mountainous.
 Soil sandy and stony $\frac{3}{4}$ rd. rate.
 Open brush of palo verde, palo fierro, mesquite, chaparral,
 and scattered cactus, full distance.

 Returning to the $\frac{1}{4}$ sec. cor bet. secs. 1 and 12, thence
 I run
 S 0°01'E. on a true line through the middle of sec. 12.
 Over broken mountainous land, through open brush.
- 4.20 Wash, course S10°E.
- 14.10 Wash, course S70°E.
- 21.10 Wash, course S80°E.
- 22.25 Wash, course S80°E.
- 40.00 The center $\frac{1}{4}$ sec. cor. of sec. 12.
- 73.25 Wash, course E.
- 75.50 Wash, course E.
- 80.00 Set an iron post 26. ins. in the ground for $\frac{1}{4}$ sec. cor. of
 sec. 12, with brass cap stamped

 $\frac{1}{4}$ S 12 1911

 Dig pits 18x18x12 ins. N. and S. of post $\frac{3}{4}$ ft. dist., and
 raise a mound of earth $\frac{3}{4}$ ft. base, $1\frac{1}{2}$ ft. high W. of
 cor .
- 96.00 Wash, course N80°E.
- 98.20 Wash, course E.
- 109.10 The $\frac{1}{4}$ sec. cor. of sec. 12 on S. bdy of the Gila Indian
 Reservation.

 Land broken and mountainous.
 Soil sandy and gravelly $\frac{3}{4}$ rd. rate.
 Open growth of brush of palo verde, palo fierro, chaparral,
 sage, and mesquite, full distance.

SUBDIVISION OF TRACT, T 5 S., R 5 E.

Chains

February 11, 1911. At 9 a.m., l.m.t. I set off $33^{\circ}01\frac{1}{2}'$ on the lat. arc., $14^{\circ}12\frac{1}{2}'$ S. on the decl. arc and determine a meridian with the solar at the cor. of secs. 2, 3, 4, and 35 on N.bdy. of Tp.

Thence I run

S $0^{\circ}01'E$. bet. secs. 2 and 3.

Over rolling and broken land, through open growth of brush.

14.00 Wash, course NW.

18.00 Wash, course NE.

24.00 Road, bears NE. and SW.

30.00 Road, bears NE. and SW.

31.00 Wash, course NW.

40.00 Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor. bet. secs. 2 and 3., with brass cap stamped

$\frac{1}{4}$ S3 in W half
S2 in E half
1911 in S. from which

A palo verde 16 ins. in diam. bears $S57\frac{1}{2}^{\circ}W$. 72 lks. dist.,
mkd. $\frac{1}{4}$ S3 BT

Dig pits $18 \times 18 \times 12$ ins. N. and 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.

Land becomes more mountainous.

68.00 Summit of ridge or spur, bears $N60^{\circ}W$., and $S60^{\circ}E$.

73.30 Summit of spur bears E.

80.00 Set an iron post 26 ins. in the ground for cor. of secs. 2, 3, 10, and 11., with brass cap stamped

T5S S2 in NE quadrant
R5E S11 in SE quadrant.
S10 in SW quadrant
S3 in NW quadrant
1911 in S
2 notches on E. and 5 notches on S.
edges.

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

Land rolling and mountainous.

Subdivision of fract. T 5 S., R 5 E.

Chains	<p>Soil sandy, and stony $\frac{1}{2}$ rd. rate. Open brush of palo verde, palo fierro, chaparral, and sage, full distance.</p>
40.00	<p>From the cor. of secs. 2, 3, 10, and 11, I run East on a random line bet. secs. 2 and 11. Set temp. $\frac{1}{4}$ sec. cor.</p>
80.20	<p>Fall 6 lks. S. of the cor. of secs. 1, 2, 11, and 12. Thence, I run S $89^{\circ}57'$ W. on a true line bet. secs. 2 and 11. Over stony broken land, through scattered brush.</p>
1.00	<p>Wash, course SW.</p>
10.00	<p>Same wash, course W. from SE., thence line bears along wash.</p>
13.00	<p>Leave wash, course NW.</p>
24.00	<p>Wash, course NE. Thence begin ascent of steep rocky SE. slope of mountain.</p>
33.00	<p>Top of ascent, bears N. and S. thence begin descent of SW. slope.</p>
40.10	<p>Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor. bet. secs. 2 and 11, with brass cap stamped</p>
	<p>$\frac{1}{4}$ S2 in N half 1911 S11 in S. half</p>
	<p>Build a mound of stone $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.</p>
	<p>Cor. at base of descent.</p>
40.50	<p>Wash, course SW</p>
42.50	<p>Wash, course SW.</p>
50.00	<p>Same wash, course NW., thence ascend.</p>
54.00	<p>Top of small rocky spur, bears N. and S., thence descend.</p>
56.00	<p>Wash, course N., thence ascend, rocky E. slope.</p>
62.00	<p>Summit of small rocky ridge, bears N. and S. thence descend.</p>
71.00	<p>Deep, gulch, course N 60° W. thence begin ascent of E. slope.</p>
75.00	<p>Top of ascent bears N. and S., thence over rolling and</p>

Subdivision of fracl. T 5 S., R 5 E

Chains	broken NW., slope.
80.20	The cor. of secs. 2, 3, 10, and 11. Land broken and mountainous. Soil stony 3 rd. rate. Open growth of palo verde, palo fierro, chaparral, sage, and mesquite, and scattered cactus, 80.20 che.
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	From the $\frac{1}{4}$ sec. cor. bet. secs. 2 and 3 on N. bdy. of Tp., I run S 0°01'E. on a random line through the middle of sec. 2
40.00	Set temp center $\frac{1}{4}$ sec. cor.
80.00	Fall 6 lks. E. of the $\frac{1}{4}$ sec. cor. bet. secs. 2 and 11. Move temp. center $\frac{1}{4}$ sec. cor 3 lks. W.
	From the $\frac{1}{4}$ sec. cor. bet. secs .2 and 3 . I run East on a random line through the middle of sec. 2.
40.08	Fall 8 lks. N. of temp center $\frac{1}{4}$ sec. cor.
80.14	Fall 6 lks. N. of the $\frac{1}{4}$ sec. cor. bet secs. 1 and 2. (Point for center $\frac{1}{4}$ sec. cor. is therefore 5 lks. N0°02'E of temp. center $\frac{1}{4}$ sec. cor.) Thence I run N 89°57'W. on a true line through the middle of sec. 2 Over broken, rolling and mountainous land, through open brush ascending.
1.00	Top of small ridge, bears N. and S., thence begin descent of rocky west slope.
4.00	Enter wash, course W. from SE.
10.00	Leave wash, course NW.
12.00	Wash, course NW.
16.00	Wash, course N60°W.
18.00	Large wash, course NW.
33.00	Wash, course NW.
37.00	Wash, course N.
40.06	Set an iron post 26 ins. in the ground for the center $\frac{1}{4}$ of sec 2 sec. cor., with brass cap stamped

Subdivision of frac. T 5 S., R 5 E.

Chains

C $\frac{1}{4}$ S2 1911 from which
 A palo verde 8 ins. in diam. bears S68 $\frac{1}{2}$ °E. 39 lks. dist.,
 mkd. C $\frac{1}{4}$ S2 BT
 Dig pits 18x18x12 ins. E, S, and W. 3 ft. and N. of post 7 ft.
 dist., and raise a mound of earth 4 ft. base, 2 ft.
 high N. of cor.

80.14 (40.08) The $\frac{1}{4}$ sec. cor. bet. secs. 2 and 3.
 Land broken and mountainous.
 Soil stony 3 rd. rate.
 Open brush of palo verde, palo fierro, chaparral, and
 scattered cactus, full distance.

Returning to the $\frac{1}{4}$ sec. cor. bet. secs. 2 and 35 on N. bdy.
 of Tp., thence I run
 S 0°02'W. on a true line through the middle of sec. 2.
 Over broken mountainous land, through open brush.

10.00 Wash, course NW.
 30.00 Wash, course N30°W.
 39.95 The center $\frac{1}{4}$ sec. cor. of sec. 2.
 50.00 Enter land more broken and rocky.
 59.80 Wash, course NW.
 64.00 Begin ascent of rocky ridge, bears NE. and SW.
 66.25 Top of ridge, bears E. and W., thence descend.
 70.00 Wash course W. thence ascend.
 75.50 Summit of small spur bears NW. and SE., thence descend.
 76.50 Deep gulch, course NW.
 77.50 Summit of ridge, bears E. and W. thence descend.
 80.00 (40.05) The $\frac{1}{4}$ sec. cor. bet. secs. 2 and 11.
 Land, broken and mountainous.
 Soil sandy and stony 3 rd. rate.
 Open brush of palo verde, palo fierro, chaparral and
 scattered cactus, full distance.

February 11, 1911, At the cor. of secs. 2, 3, 10, and 11,

Subdivision of fract. T 5 S., R 5 E.

Chains	I set off $21^{\circ}52'S$. on the decl. arc, and at apparent noon observe the sun on the meridian.; the resulting lat. is $33^{\circ}01'$, which is the proper lat.

	From the cor. of secs. 2, 3, 10, and 11, I run
	S $0^{\circ}01'E$. bet. secs. 10 and 11 on a random line.
40.00	Set temp $\frac{1}{4}$ sec. cor.
80.00	Set temp $\frac{1}{4}$ sec. cor.
109.40	Fall $\frac{1}{2}$ lks. W. of the cor. of secs. 10 and 11 on S. bdy. of the Gila River Indian Reservation.
	Returning to the cor. of secs. 2, 3, 10, and 11., I run
	S $0^{\circ}02'E$. on a true line bet. secs. 10 and 11.
	Over broken and mountainous land, through open brush, ascending.
2.00	Top of small spur bears E. and W.
6.00	Wash, course W.
15.00	wash, course W.
30.00	wash, course W.
34.00	wash. course W.
40.00	Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor. bet. secs. 10 and 11, with brass cap stamped
	$\frac{1}{4}$ S10 in W half S11 in E. half 1911 in S.
	Dig pits 18x18x12 in s. and S. of post $\frac{1}{2}$ ft. dist., and raise a mound of earth, $\frac{3}{4}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
43.00	Wash, course N 60° W.
44.00	Road, bears NW. and SE.
45.00	Deep wash, course NW.
48.00	Deep, wash, course NW.
54.00	Deep wash, course NW.
80.00	Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor. bet. secs. 10 and 11, with brass cap stamped

Subdivision of fract. T 5 S., R 5 E.

Chains	
	<p style="text-align: center;"> $\frac{1}{4}$ S10 in W half S11 in E half 1911 in S. </p> <p>Build a mound of stone $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.</p> <p>109.40 The cor. of secs. 10 and 11 in S. bdy. of the Gila River Indian Reservation.</p> <p>Land broken and mountainous.</p> <p>Soil stony $\frac{1}{2}$ rd. rate.</p> <p>Open growth palo verde, palo fierro, chaparral, sage, and mesquite, full distance.</p>
	<p>From the $\frac{1}{4}$ sec. cor. bet. secs. 2 and 11, I run</p> <p>S $0^{\circ}01'E$. on a random line through the middle of sec. 11</p> <p>40.00 Set temp center $\frac{1}{4}$ sec. cor..</p> <p>80.00 Set temp. $\frac{1}{4}$ sec. cor.</p> <p>109.31 Fall $\frac{1}{2}$ lks. E. of the $\frac{1}{4}$ sec. cor. of sec. 11 on the S. bdy. of the Gila River Indian Reservation.</p> <p>Move temp. center $\frac{1}{4}$ sec. cor. 1 lk. W.</p> <p>Move temp. $\frac{1}{4}$ sec. cor. sec. 11, 2 lks. W.</p> <p>From the N. $\frac{1}{4}$ sec. cor. bet. secs. 10 and 11, I run</p> <p>N $89^{\circ}57'E$. on a random line through the middle of sec. 11</p> <p>39.98 Fall 9 lks. N. of temp. center $\frac{1}{4}$ sec. cor.</p> <p>79.96 Fall 10 lks. N. of the $\frac{1}{4}$ sec. cor. bet. secs. 11 and 12. (Point for center $\frac{1}{4}$ sec. cor. is therefore 4 lks. N. of temp. cor.)</p> <p>Thence I run</p> <p>N $89^{\circ}59'W$. on a true line through the middle of sec. 11</p> <p>Over broken and mountainous land, through open brush descending</p> <p>26.00 Deep wash, course S $60^{\circ}W$.</p> <p>31.00 Wash. course S.</p> <p>39.98 Set an iron post 26 ins. in the ground for center $\frac{1}{4}$ sec. cor. of sec. 11, with brass cap stamped</p>

Subdivision of fracl. T 5 S., R 5 E.

Chains	
	Dig pits 18x18x12 ins. E,S, and W. 3 ft. and N. of post 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high N. of cor.*
42.00	Wash, course SW.
47.00	Wash, course S20°E.
55.00	Wash, course N20°W.
57.00	Same wash course SW.
62.00	S. point of spur bears to N.
68.00	Descend over face of S. slope
79.96	(39.98) The $\frac{1}{4}$ sec. cor. bet. secs. 10 and 11.
	Land broken and mountainous.
	Soil stony 3 rd. rate.
	Open brush of chaparral, palo verde, palo fierro, 79.96 chs.
	Returning to the $\frac{1}{4}$ sec. cor. bet. secs. 2 and 11, thence I
	run
	South on a true line, through the middle of sec. 11.
	Over broken and mountainous land, through open brush.
0.10	Wash, course W., thence ascending
9.00	Top of ascent, thence descend into deep wash
9.50	Deep wash, course W.
12.00	Deep wash, course W. thence ascend.
15.50	Top of ridge, bears E. and W., thence begin descent.
18.00	Wash, course E. thence along E. slope
21.00	Head of wash, course E.
23.00	Top of ridge, bears NW. and SE., thence begin descent
	of SW. slope.
27.00	Wash, course SE.
39.00	Wash, course W. from N.
39.96	The center $\frac{1}{4}$ sec. cor. of sec. 11.
49.00	Deep wash, course N60°W.
80.00	Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor.
	of sec. 11, with brass cap stamped

Subdivision of fracl. T 5 S., R 5 E.

Chains

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist. and raise a mound of earth 3/2 ft. base, 1 1/2 ft. high W. of cor.

109.31

The 1/4 sec. cor. of sec. 11 on S. bdy. of the Gila Indian Reservation.

Land broken and mountainous.

Soil stony 3 rd. rate.

Open brush of palo verde, palo fierro, chaparral, and scattered cactus, full distance.

February 13, 1911. At 9 a.m., l.m.t. I set off 33° 01' on the lat arc, 13° 33' S. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 3, 4, 33, and 34, on N. bdy. of Tp.

Thence, I run

S 0° 02' E. bet. secs. 3 and 4.

Over rolling mountainous land, through open brush.

13.00 Wash, course NW., thence ascend.

20.00 Summit of rocky ridge, bears N60° E. and S60° W. thence desc.

21.00 Wash, course E., Thence ascend N. slope of ridge.

28.00 Summit of ridge, bears N60° W. and S60° E. Thence descend broken SE. slope.

30.00 Base of descent.; wash, course W., thence over broken rocky land.

40.00 Set an iron post 26 ins. in the ground for the 1/4 sec. cor. bet. secs. 3 and 4., with brass cap stamped.

1/4 S 4 in W half
S 3 in E. half
1911 in S

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth 3/2 ft. base, 1 1/2 ft. high W. of cor.

41.00 Wash, course W.

43.00 Wash, course W.

Subdivision of fracl. T 5 S., R 5 E.

Chains	
52.00	Wash, course W.
59.00	Wash, course SW.
64.00	Wash, course SW.
67.00	Road, well travelled, bears NW. and SE.
80.00	Set an iron post 26 ins. in the ground for cor. of secs. 3, 4, 9, and 10, with brass cap stamped
	T5S S3 in NE. quadrant R5E S10 in SE quadrant S9 in SW quadrant S4 in NW quadrant 1911 in S 3 notches on E. and 5 notches on S edges
	Dig pits 18x18x12 ins. in each sec. $\frac{5}{8}$ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
	Land broken and mountainous.
	Soil stony 3 rd. rate.
	Open growth of brush of palo verde, palo fierro, chaparral, and scattered cactus, full distance.
	From the cor. of secs. 3, 4, 9, and 10, I run East on a random line bet. secs. 3 and 10.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.92	Fall 2 lks. S. of the cor. of secs. 2, 3, 10, and 11. Thence I run S 89° 59' W. on a true line bet. secs. 3 and 10. Over broken mountainous land, through open growth of brush.
10.30	Road, bears N. and S.
10.70	Wash, course NE.
16.00	Same wash, course S60° E. thence ascend.
21.00	Summit of ridge, bears NW. and SE.
29.50	Wash, course NW.
35.00	Wash, course NW.
39.96	Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor. bet. secs. 3 and 10, with brass cap stamped

Subdivision of fracl. T5S.,R5E

Chains	
	<p style="text-align: center;"> $\frac{1}{4}$ S $\frac{3}{4}$ in N half 1911 S10 in S half </p> <p> Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $\frac{3}{4}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor. </p>
45.00	Road, bears N60°E. and SW.
53.00	Wash from N60°E to SW.
56.00	Wash, course S.
70.00	Small wash, course SW.
73.00	Road bears NW. and SE.
79.92	The cor. of secs. 3, 4, 9, and 10.
	Land broken and mountainous.
	Soil stony 3 rd. rate.
	Open brush of palo verde, palo fierro, and chaparral 79.92 chs.

	<p>From the $\frac{1}{4}$ sec. cor. bet. secs. 3 and $\frac{3}{4}$ on N. bdy. of Tp. I run S 0°01'E. on a random line, through the middle of sec. 3</p>
40.00	Set temp center $\frac{1}{4}$ sec. cor.
80.03	Fall 10 lks. E. of the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 10. Move temp. center $\frac{1}{4}$ sec. cor. 5 lks. W.
	<p>From the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 4, I run East on a random line through the middle of sec. 3.</p>
40.04	Fall 4 lks. S. of temp. center $\frac{1}{4}$ sec. cor.
80.02	Fall 4 lks. S. of the $\frac{1}{4}$ sec. cor. bet. secs. 2 and 3. (Point for center $\frac{1}{4}$ sec. cor. is, therefore, 2 lks. S0°03'W. of temp. center $\frac{1}{4}$ sec. cor.)
	Thence I run S 89°58'W. on a true line, through the middle of sec. 3 Over broken, mountainous land, through open brush.
2.00	Wash, course NW.
6.00	Wash, course NW.
8.00	Road, bears NE. and SW.

Subdivision of fracl. T 5 S., R 5 E.

Chains	
10.00	Wash, course NE.
11.00	Road, bears NE. and SW.
13.00	Road, bears NW. and S.
27.00	Wash, course NE.
39.98	Set an iron post 26 ins. in the ground for center $\frac{1}{4}$ sec. cor. of sec. 3., with brass cap stamped C $\frac{1}{4}$ S3 1911 Dig pits 18X18X12 ins. E, S, and W., 3 ft. and N. of post 7 ft. dist. and raise a mound of earth 4 ft. base. 2 ft. high N. of cor.
56.00	Summit of round rocky butte.
76.00	Wash, course SW.
78.00	Wash, course SW.
80.02	(40.04) The $\frac{1}{4}$ sec. cor. bet. secs. 3 and 4. Land mountainous and broken. Soil, stony, 3 rd. rate. Open brush of palo verde, palo fierro, and chaparral 80.02 chs. Returning to the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34 on N. bdy. of Tp., thence I run S 0°03'W. on a true line through the middle of sec. 3. Over broken mountainous land, through open brush.
8.00	Wash, course E.
16.00	Wash, course E.
24.00	Wash, course NE.
29.00	Wash, course N80°E.
40.02	The center $\frac{1}{4}$ sec. cor. of sec. 3.
40.60	Wash, course SE.
64.00	Wash, course SW.
74.00	Wash, course SW.
76.00	Wash, course SW.
76.70	Road bears N60°E. and S60°W.
80.03	(40.01) The $\frac{1}{4}$ sec. cor bet. secs. 3 and 10.

Subdivision of frac1. T 5 S., R 5 E.

Chains

Land broken and mountainous.

Soil stony 3 rd. rate.

Open growth of palo verde, palo fierro, and chaparral

80.03 chs.

February 13, 1911. At the cor. of secs. 3, 4, 9, and 10, I set off 13° 31' S. on the decl. arc, and at apparent noon, observe the sun on the meridian.; the resulting lat is 33° 01', which is the proper lat.

Thence I run

S 0° 02' E. on a random line bet. secs. 9 and 10.

40.00 Set temp 1/4 sec. cor.

80.00 Set temp 1/4 sec. cor.

109.52 Fall 6 lks. E. of the cor. of secs. 9 and 10 on S. bdy. of the Gila River Indian Reservation

Returning to the cor. of secs. 3, 4, 9, and 10, I run South on a true line bet. secs. 9 and 10.

Over broken mountainous land, through open brush.

10.00 Deep wash, course W.

20.20 Wash, course S60° W.

24.00 Wash, course W.

24.44 Road, bears N60° E. and S 60° W.

40.00 Set an iron post 26 ins. in the ground for 1/4 sec. cor. bet. secs. 9 and 10. with brass cap stamped

1/4 S9 in W half
S10 in E half
1911 in S

Build a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor.

41.00 Wash, course NW., ascending gradual slope.

68..00 Summit of low ridge, bears E. and W.. thence descend gradual slope.

71.00 Wash, course E., thence ascend .

73.00 Summit of low ridge, bears E. and W.

Subdivision of fracl. T 5 S., R 5 E.

Chains	
76.00	Wash, course E.
80.00	Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor. bet. secs. 9 and 10. with brass cap stamped.
	$\frac{1}{4}$ S9 in W half S10 in E half 1911 in S.
	Dig pits 18x18x12 ins. N. and S. of post $\frac{1}{2}$ ft. dist., and raise a mound of earth $\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
80.20	Wash course NE, thence ascend NE. slope.
85.35	Summit of ascent bears NE. and SW., thence along broken slope.
92.00	Begin descent of SE. slope
109.52	The cor. of secs. 9 and 10 on S. bdy. of the Gila River Indian Reservation
	Land broken and mountainous.
	Soil sandy and stony $\frac{3}{4}$ rd. rate.
	Open brush of palo verde, palo fierro, chaparral, and scattered cactus, full distance.
<hr/>	
	From the $\frac{1}{4}$ sec. cor. bet. secs. 9 and 10., I run
	S $0^{\circ}01'E$. on a random line through the middle of sec. 10
40.00	Set temp. center $\frac{1}{4}$ sec. cor.
80.00	Set temp. $\frac{1}{4}$ sec. cor.
109.42	Fall $\frac{3}{4}$ lks. E. of the $\frac{1}{4}$ sec. cor. of secs. 10 in S. bdy. of the Gila River Indian Reservation.
	Move temp. center $\frac{1}{4}$ sec. cor. 1 lk. W.
	Move temp $\frac{1}{4}$ sec. cor. 2 lks. W.
	From the N. $\frac{1}{4}$ sec. cor. bet. secs. 9 and 10, I run
	N $89^{\circ}59'E$. on a random line through the middle of sec. 10
39.92	Fall 1 lk. S. of temp. center $\frac{1}{4}$ sec. cor.
79.86	Fall 2 lks. S. of the $\frac{1}{4}$ sec. cor. bet. secs. 10 and 11. (Point for center $\frac{1}{4}$ sec. cor., is therefore at temp. cor.)

Subdivision of frac1.T 5 S.,R 5 E.

Chains

Thence I run

S 89°58'W. on a true line through the middle of sec.10
Over broken mountainous land, through open brush.

1.86 Road, bears NW. and SE.

10.00 Wash, course N60°W.

17.00 Wash, course NW.

23.00 Wash, course NW.

34.00 Leave mountainous land, enter more gently rolling land.

39.94 Set an iron post 26 ins. in the ground for the center $\frac{1}{4}$
sec. cor. of sec. 10, with brass cap stamped

C $\frac{1}{4}$ S10 1911

Dig pits 18x18x12 ins. E,S, and W., 3 ft. and N. of post 7 ft.
dist. and raise a mound of earth 4 ft. base, 2 ft. h
high N. of cor.

54.00 Main travelled road, bears NW. and SE.

56.00 Wash, course NW.

72.00 Wash, course N.

79.86 (39.92) The $\frac{1}{4}$ sec. cor. bet. secs. 9 and 10.

Land broken and mountainous and gently rolling.

Soil stony 3 rd. rate., sandy 2 nd. rate.

Open brush, palo verde, palo fierro, chaparral, full dist.

Returning to the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 10, thence
I run

South on a true line through the middle of sec. 10

Over broken mountainous land,, through open brush of palo
verde., palo fierro, and chaparral, ascending N. slope

4.20 Summit of ridge, bears E. and W. thence descend.

6.00 Wash, course SW.

8,00 Wash, course NW., thence ascend N. slope.

14.00 Summit of ridge, bears E. and W., thence descend.

20.00 Base of descent, thence over gently rolling land.

30.00 Deep wash, course S60°W.

40.00 The center $\frac{1}{4}$ sec. cor. of sec. 10

Subdivision of frac. T 5 S., R 5 E.

Chains

67.00 Deep wash, course W.

80.00 Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 10, with brass cap stamped

$\frac{1}{4}$ S10 1911

Dig pits 18x18x12 ins. N. and S. of post $\frac{3}{4}$ ft. dist., and raise a mound of earth $\frac{3}{4}$ ft. base. $1\frac{1}{2}$ ft. high W of cor.

109.42 The $\frac{1}{4}$ sec. cor. of sec. 10 on S. bdy of the Gila River Indian Reservation.

Land rolling and mountainous.

Soil sandy, and stony $\frac{3}{4}$ rd. rate.

Open brush of palo verde, palo fierro, chaparral and scattered cactus, full distance.

February 14, 1911. At 9 a.m., l.m.t. I set off $33^{\circ}01\frac{1}{2}'$ on the lat. arc., $15^{\circ}12\frac{1}{2}'$ S. on the decl. arc., and determine a meridian with the solar at the cor. of secs. 4, 5, 32, and 33. on N. bdy. of Tp.

Thence I run

S $0^{\circ}02'$ E. bet. secs. 4 and 5.

Over gently rolling desert, through open growth of brush.

3.00 Road bears NE. and SW.

10.00 Deep wash, course N 60° W.

17.00 Wash, course N 60° W.

25.50 Wash, course N 60° W.

40.00 Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor. bet. secs. 4 and 5., with brass cap stamped

$\frac{1}{4}$ S5 in W half
S4 in E half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post $\frac{3}{4}$ ft. dist., and raise a mound of earth $\frac{3}{4}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

57.00 Road bears N 60° W. and S 60° E.

Subdivision of fract. T 5 S., R 5 E.

Chains

- 61.00 Wash, course W.
 68.00 Wash, course NW.
 78.00 Small wash, course NW.
 80.00 Set an iron post 26 ins. in the ground for cor. of secs.
 4, 5, 8, and 9. with brass cap stamped

T5S S4 in NE. quadrant
 R5E S9 in SE quadrant
 S8 in SW quadrant
 S5 in NW quadrant

1911 in S
 4 notches on E and 5 notches on S.
 edges, from which

A palo fierro 6 ins. in diam. bears N69 $\frac{1}{2}$ °E 167 lks. dist.
 marked T5S., R5E., S4 BT.

Dig pits 18x18x12 ins. in each sec. $\frac{5}{2}$ ft. dist. and
 raise a mound of earth 4 ft. base, 2 ft. high W. of
 cor.

Land gently rolling desert.

Soil sandy and gravelly 2 nd. rate.

Open growth of palo verde, palo fierro, chaparral, and
 scattering mesquite, full distance.

- From the cor. of secs. 4, 5, 8, and 9, I run
 East on a random line bet. secs. 4 and 9.
 40.00 Set temp $\frac{1}{4}$ sec. cor.
 80.02 Fall 4 lks. N. of the cor. of secs. 3, 4, 9, and 10.
 Thence I run
 N 89°58'W. on a true line bet. secs. 4 and 9.
 Overgently rolling desert, through open brush
 40.01 Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor.
 bet. secs. 4 and 9., with brass cap stamped

$\frac{1}{4}$ S4 in N half
 1911 S9 in S half

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

Subdivision of fract. T 5 S., R 5 E.

Chains

N. of cor.

59.00 Top of ridge, bears N. and S., thence over more broken land.

78.00 Wash, course NW. from N80°E.

80.02 The cor. of secs. 4, 5, 8, and 9.

Land gently rolling and rolling desert.

Soil sandy and gravelly 2 nd. rate.

Open brush of palo verde, palo fierro, chaparral, and scattered mesquite., full distance.

From the $\frac{1}{4}$ sec. cor. bet. secs. 4 and 53 on N. bdy. of Tp. I run

S 0°02'E on a random line through the middle of sec. 4

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

80.02 Fall 6 lks. E. of the $\frac{1}{4}$ sec. cor. bet. secs. 4 and 9.

Move temp. center $\frac{1}{4}$ sec. cor 3 lks. W.

From the $\frac{1}{4}$ sec. cor. bet. secs. 4 and 5 I run

East on a random line through the middle of sec. 4.

40.02 Fall 2 lks. S. of temp. center $\frac{1}{4}$ sec. cor.

80.03 Fall 2 lks. N. of the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 4.

(Point for center $\frac{1}{4}$ sec. cor. is therefore 3 lks. S0°01'W. of temp. center $\frac{1}{4}$ sec. cor.)

Thence I run

N 89°59'W. on a true line through the middle of sec. 4 .

Over rolling and broken desert land, through open brush.

4.00 Wash, course N60°W.

14.00 Road, bears N30°W. and S30°E.

15.00 Wash, course N30°W.

17.60 Low ridge, bears N. and S.

28.00 Wash, course NW.

38.00 Wash, course N60°W.

40.01 Set an iron post 26 ins. in the ground for the center $\frac{1}{4}$ sec. cor. of sec. 4, with brass cap stamped

Subdivision of fracl. T 5 S., R 5 E

Chains	
	<p style="text-align: center;">C $\frac{1}{4}$ S4 1911</p> <p>Dig pits 18x18x12 ins. E, S, and W. $\frac{1}{2}$ ft., and N. of post 7 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high N. of cor.</p>
80.03	<p>(40.02) The $\frac{1}{4}$ sec. cor. bet. secs. 4 and 5.</p> <p>Land rolling and broken.</p> <p>Soil sandy and stony 2 nd. and 3 rd. rate.</p> <p>Open growth of palo verde, palo fierro, chaparral and scattered mesquite and cactus, full distance.</p>
<hr/> <p>Returning to the $\frac{1}{4}$ sec. cor. bet. secs. 4 and 33, on N. bdy. of Tp., thence I run</p>	
	<p>S 0°01'W. on a true line through the middle of sec. 4.</p> <p>Over rolling and broken desert land, through open brush.</p>
39.50	Wash, course W.
40.03	The center $\frac{1}{4}$ sec. cor. of sec. 4.
66.00	Wash, course SW.
74.00	Wash, course S60°W.
80.02	<p>(39.99) The $\frac{1}{4}$ sec. cor. bet. secs. 4 and 9.</p> <p>Land rolling and broken desert.</p> <p>Soil, sandy and gravelly, 3 rd. rate.</p> <p>Open brush of palo verde, palo fierro, chaparral, and scattered cactus, full distance.</p>
<hr/> <p>February 14, 1911., At the cor. of secs. 4, 5, 8, and 9, I set off 13°10' S. on the decl. arc, and at apparent noon, observe the sun on the meridian.; the resulting latitude is 33°01', which is the proper lat.</p>	
<hr/> <p>From the cor. of secs. 4, 5, 8, and 9, I run</p> <p>S 0°02'E. on a random line bet. secs. 8 and 9.</p>	
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Set temp. $\frac{1}{4}$ sec. cor.
109.80	Intersect the cor. common to secs. 8 and 9 on the S. bdy.

Subdivision of frac1. T 5 S., R 5 E

Chains

of the Gila River Indian Reservation.

Returning to the cor. of secs. 4, 5, 8, and 9, Thence I run S 0°02'E. on a true line bet. secs. 8 and 9.

Over rolling and broken desert, through open brush.

22.50 Summit of low ridge, bears E. and W.

38.00 Enter wide wash or gulch, course S., from N60°E.

40.00 Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor. bet. secs. 8 and 9, with brass cap stamped

$\frac{1}{4}$ S8 in W half
S9 in E half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post $\frac{3}{4}$ ft. dist. and raise a mound of earth, $\frac{3}{4}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

From this $\frac{1}{4}$ sec. cor., A palo fierro 16 ins. in diam. brs.

S60 $\frac{1}{2}$ °W. 170 lks. dist., mkd. $\frac{1}{4}$ S8 BT

41.50 Leave wash, course S60°W., ascending vertical 4 ft. cut bank.

66.00 Wash, course SW.

72.00 Wash, course SW.

79.00 Wash, course SW.

80.00 Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor bet. secs. 8 and 9., with brass cap stamped

$\frac{1}{4}$ S8 in W half
S9 in E half
1911 in S.

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

96.00 Wash, course SW.

98.00 Wash, course SW.

109.80 Cor. common to secs. 8 and 9, on S. bdy. of the Gila River Indian Reservation.

Land, rolling and broken.

Soil sandy and stony $\frac{3}{4}$ rd. rate.

Open brush of palo verde, palo fierro, chaparral, and scattered mesquite and cactus, full distance.

Subdivision of fracl. T 5 S., R 5 E

Chains	From the $\frac{1}{4}$ sec. cor. bet. secs. 4 and 9, I run S $0^{\circ}02'E.$ on a random line through the middle of sec. 9.
40.00	Set temp. center $\frac{1}{4}$ sec. cor.
80.00	Set temp. $\frac{1}{4}$ sec. cor.
108.53	Intersect the witness cor. to the $\frac{1}{4}$ sec. cor. of sec. 9 on the S. bdy. of the Gila River Indian Reservation.
109.83	Intersect true point for $\frac{1}{4}$ sec. cor. of sec. 9 on S. bdy. of the Reservation
	From the N. $\frac{1}{4}$ sec. cor. bet. secs. 8 and 9, I run S $89^{\circ}58'E.$ on a random line through the middle of sec. 9.
40.03	Fall 2 lks. N. of temp. center $\frac{1}{4}$ sec. cor.
80.04	Fall 02 lks. N. of the $\frac{1}{4}$ sec. cor. bet. secs. 9 and 10 (Point for center $\frac{1}{4}$ sec. cor is, therefore, 1 lk. N $0^{\circ}02'W.$ of temp. cor.)
	Thence I run N $89^{\circ}57'W.$ on a true line, through the middle of sec. 9. Over rolling and broken land, through open brush.
2.00	Wash, course NW.
4.00	Wash, course NW.
10.00	Summit of low ridge, bears N. and S.
14.00	Wash, course NW.
21.50	Wash, course NW.
23.00	Wash, course NW.
35.00	Wash, course NW.
40.01	Set an iron post 26 ins. in the ground for center $\frac{1}{4}$ sec. cor. of sec. 9, with brass cap stamped C $\frac{1}{4}$ S9 1911
	Dig pits 18x18x12 ins. E, S, and W. 3 ft. and N. of post 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high N. of cor.
44.00	Wash, course NW.
74.00	Wash, course N $60^{\circ}W.$
79.00	Descend vertical 4 ft. cut bank.; enter wash, course S $60^{\circ}W.$
80.04	(40.03) The $\frac{1}{4}$ sec. cor. bet. secs. 8 and 9. Land rolling and broken desert. Soil sandy and gravelly 2 nd. rate.

Subdivision of fracl. T 5 S., R 5 E

Chains	<p>Open brush of palo verde, palo fierro, chaparral, and scattered mesquite and cactus, full distance.</p> <hr/> <p>Returning to the $\frac{1}{4}$ sec. cor. bet. secs. 4 and 9, thence I run S $0^{\circ}02'$ E on a true line, through the middle of sec. 9. Over rolling broken prairie.</p> <p>11.50 Summit of low ridge, bears E. and W.</p> <p>16.00 Wash, course SW.</p> <p>24.00 Wash, course SW.</p> <p>26.00 Wash, course SW.</p> <p>30.00 Road, bears E. and W.</p> <p>39.99 The center $\frac{1}{4}$ sec. cor. of sec. 9.</p> <p>42.00 Wash, course W.</p> <p>59.00 Wash, course NW.</p> <p>62.00 Wash, course N60°W.</p> <p>64.00 Begin ascent of N. slope of ridge, bears E. and W.</p> <p>76.60 Top of ascent, thence over fall of E. slope.</p> <p>80.00 Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 9, with brass cap stamped $\frac{1}{4}$ S9 1911 Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $\frac{3}{4}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor. Cor. on E. slope of ridge, bears W.</p> <p>80.50 Slope rounds over to N., thence ascend.</p> <p>82.00 Summit of ridge, bears E. and W., thence descend S. slope.</p> <p>89.00 Base of descent in bed of wash, course S60°W.</p> <p>91.00 Wash, course NW., thence ascend NW. slope.</p> <p>95.00 Summit of ridge, bears E. and W., thence descend along SW. slope</p> <p>99.00 Slope changes to SE.</p> <p>108.53 The witness cor. to the $\frac{1}{4}$ sec. cor. on the S. bdy. of the Gila River Indian Reservation</p> <p>109.83 The true point for the $\frac{1}{4}$ sec. cor. of sec. 9 on the S. bdy. of the Reservation Land rolling and broken. Soil sandy and gravelly 2nd. and 3rd. rate.</p>
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Subdivision of frac1 T 5 S., R 5 E.

Chains

Open brush of palo verde, palo fierro, and chaparral, also scattered cactus and mesquite, full distance.

February 15, 1911. At 9 a.m., l.m.t., I set off 33° 01' on the lat. arc, 12° 52' S. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 5, 6, 31, and 32, on N. bdy. of Tp.

Thence I run

S 0° 03' E. bet. secs. 5 and 6.

Over rolling land, through open brush

16.00 Wash, course W.

19.60 Wash, course W.

27.00 Road, bears, NE. and SW.

40.00 Set an iron post 26' ins. in the ground for 1/4 sec. cor. bet. secs. 5 and 6, with brass cap stamped

1/4 S6 in W. half
S5 in E half
1911 in S

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth 3/4 ft. base, 1 1/2 ft. high W. of cor.

67.00 Wash, course W.

80.00 Set an iron post 26 ins. in the ground for cor. of secs. 5, 6, 7, and 8, with brass cap stamped.

T5S S5 in NE. quadrant
R5E S8 in SE quadrant
S7 in SW quadrant
S6 in NW quadrant
1911 in S
5 notches on E. and S. edges.

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Land rolling desert.

Soil sandy and gravelly 2nd. rate.

Open growth of palo verde, palo fierro and chaparral, full distance.

Subdivision of fracl. T 5 S., R 5 E.

Chains

From the cor. of secs. 5, 6, 7, and 8, I run
East on a random line bet. secs. 5 and 8.

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

80.00 Intersect the cor. of secs. 4, 5, 8, and 9.

Thence I run

West on a true line bet. secs. 5 and 8.

Over gently rolling desert.

9.00 Road, bears N. and S.

40.00 Set an iron post 2 6 ins. in the ground for $\frac{1}{4}$ sec. cor.
bet. secs. 5 and 8, with brass cap stamped

$\frac{1}{4}$ S 5 in N. half
1911 S 8 in S. half

Dig pits 18x18x12 ins. E. and W. of post $\frac{1}{2}$ ft. dist.,
and raise a mound of earth, $\frac{1}{2}$ ft. base, $\frac{1}{4}$ ft. high
N. of cor.

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

Land gently rolling desert.

Soil, sandy and gravelly, 2nd. rate.

Open brush of palo verde, palo fierro, and chaparral, full
distance.

From the $\frac{1}{4}$ sec. cor. bet. secs. 5 and $\frac{1}{2}$ on N. bdy. of Tp.

I run

S $0^{\circ}02'$ E. on a random line, through the middle of sec. 5.

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

80.02 Fall 16 lks. E. of the $\frac{1}{4}$ sec. cor. bet. secs. 5 and 8.

Move temp. center $\frac{1}{4}$ sec. cor. 8 lks. W.

From the $\frac{1}{4}$ sec. cor. bet. secs. 5 and 6, I run

East on a random line, through the middle of sec. 5

39.99 Intersect the temp. center $\frac{1}{4}$ sec. cor.

79.98 Fall 6 lks. N. of the $\frac{1}{4}$ sec. cor. bet. secs. 4 and 5.

(Point for center $\frac{1}{4}$ sec. cor. is therefore $\frac{1}{2}$ lks. S $0^{\circ}05'$ W.
of temp. cor.)

Subdivision of fracl. T 5 S., R 5 E.

Chains	
	Thence I run N 89° 57' W. on a true line through the middle of sec. 5. Over gently rolling land, through open brush.
4.00	Road, bears N. and S.
39.99	Set an iron post 2 6ins. in the ground for center ¼ sec. cor. of sec. 5, with brass cap stamped. G ¼ S5 1911 Build a mound of stone 2½ ft. base, 1½ ft. high N. of cor.
79.98	(39.99) The ¼ sec. cor. bet. secs. 5 and 6. Land gently rolling desert. Soil, sandy and gravelly, 2 nd. rate. Open brush of palo verde, palo fierro, and chaparral, full distance. Returning to the ¼ sec. cor. bet. secs. 5 and 6 on N. bdy. of Tp., thence I run. S 0° 05' W. on a true line through the middle of sec. 5. Over broken and rolling land, through open brush.
18.00	Summit of divide, bears E. and W.
40.03	The center ¼ sec. cor. of sec. 5.
46.40	Deep wash, course N60° W.
49.00	Deep wash, course N60° W.
80.02	(39.99) The ¼ sec. cor. bet. secs. 5 and 8. Land rolling and broken desert. Soil sandy and gravelly 2 nd. rate. Open brush of palo verde, palo fierro, and chaparral and mesquite, full distance.
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	From the cor. of secs. 5, 6, 7, and 8, I run West on a random line bet. secs. 6 and 7.
40.00	Set temp. ¼ sec. cor.
80.46	Fall 12 lks. S. of the cor. of secs. 6 and 7 on W. bdy. of Td. thence I run

Subdivision of fracl. T 5 S., R 5 E

Chains	<p>S 89° 55' E. on a true line bet. secs. 6 and 7. Over rolling desert land, through open brush.</p>
40.46	<p>Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor. bet. secs. 6 and 7., with brass cap stamped</p> <p style="text-align: center;">$\frac{1}{4}$ S 6 in N. half 1911 S 7 in S. half</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $\frac{3}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.</p>
46.00	Road, bears NE. and SW.
54.00	Begin ascent of hill on W. slope.
63.00	Summit of hill bears N. and S., thence descend.
66.00	Deep wash, course SW., thence ascend
70.00	Summit of ascent, bears N. and S. thence descend.
78.00	Base, of descent bears N. and S., thence over level and gently rolling land.
80.46	<p>The cor. of secs. 5, 6, 7, and 8.</p> <p>Land, rolling and gently rolling desert.</p> <p>Soil sandy and gravelly, 2 nd. rate.</p> <p>Open brush of palo verde, palo fierro, and chaparral, full distance.</p> <p>-----</p> <p>February 15, 1911. At the $\frac{1}{4}$ sec. cor. bet. secs. 6 and 31, on N. bdy. of Tp., I set off 12° 50' S. on the decl. arc, and at apparent noon, observe the sun on the meridian.; the resulting lat. is 33° 01$\frac{1}{2}$' which is the proper lat.</p> <p>-----</p> <p>From the $\frac{1}{4}$ sec. cor. bet. secs. 6 and 31 on N. bdy. of Tp. I run</p> <p>S 0° 03' E. on a random line through the middle of sec. 6.</p>
40.00	Set temp. center $\frac{1}{4}$ sec. cor.
80.08	Intersect the $\frac{1}{4}$ sec. cor. bet. secs. 6 and 7.
	From the $\frac{1}{4}$ sec. cor. bet. secs. 5 and 6., I run

Subdivision of fract. T 5 S., R 5 E

Chains	West on a random line through the middle of sec. 6.
39.95	Fall 10 lks. S. of temp. center $\frac{1}{4}$ sec. cor.
80.29	Fall 14 lks. S. of the $\frac{1}{4}$ sec. cor. of sec. 6. on W. bdy. of Tp. (Point for center $\frac{1}{4}$ sec. cor. is therefore, 3 lks. $S0^{\circ}03'E.$ of temp. cor.)
	Thence I run
	S $89^{\circ}54'E.$ on a true line, through the middle of sec. 6. Over gently rolling desert land, through open brush.
36.29	Wash, course N $30^{\circ}E.$
40.34	Set an iron post 26 ins. in the ground for center $\frac{1}{4}$ sec. cor. of sec. 6, with brass cap stamped
	O $\frac{1}{4}$ S6 1911
	Dig pits 18x18x12 ins. E, S, and W. 3 ft., and N. of post 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high N. of cor.
49.28	Wash, course N $60^{\circ}W.$
69.28	Road, bears NE. and SW.
80.29	(39.95) The $\frac{1}{4}$ sec. cor. bet. secs. 5 and 6. Land gently rolling desert. Soil sandy and gravelly, 2 nd. rate. Open brush of palo verde, palo fierro, and chaparral, full distance.
	Returning to the $\frac{1}{4}$ sec. cor. bet. secs. 6 and 31, thence
	I run
	S $0^{\circ}03'E.$ on a true line through the middle of sec. 6. Over gently rolling desert, through open brush.
34.00	Wash, course NW.
40.03	The center $\frac{1}{4}$ sec. cor. of sec. 6.
48.00	Begin ascent of low ridge, bears E. and W.
54.00	Wash, course NW.
56.00	Summit of ascent bears E. and W.
69.16	Top of rocky mound, thence descend over S. slope.
74.00	Base of descent, bears E. and W.

~~Subdivision of land. T 5 S., R 5 E.~~

Chains

75.00 Wash, course W.

80.08 (40.05) The $\frac{1}{4}$ sec. cor. of secs. 6 and 7.

Land gently rolling desert.

Soil sandy and gravelly 2 nd. rate.

Open brush of palo verde, palo fierro, and chaparral, full distance.

February 16, 1911. At 9 a.m., l.m.t. I set off $33^{\circ}01'$ on the lat. arc, $12^{\circ}52'S$. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 5, 6, 7, and 8.

Thence I run

S $0^{\circ}03'E$. on a random line bet. secs. 7 and 8.

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

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

110.01 Intersect the cor. of secs. 7 and 8 on S. bdy. of the Gila River Indian Reservation

Returning to the cor. of secs. 5, 6, 7, and 8, thence I run S $0^{\circ}03'E$. on a true line bet. secs. 7 and 8.

Over gently rolling desert land, through open brush.

15.00 Wash, course S $60^{\circ}W$.

18.00 Wash, course S $60^{\circ}W$.

20.00 Begin ascent of N. slope of ridge.

27.00 Top of ridge, bears E. and W., thence descend.

34.00 Base of descent, bears E and W.

40.00 Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor., bet. secs. 7 and 8, with brass cap stamped

$\frac{1}{4}$ S7 in W half
S8 in E half
1911 in S

Dig pits 18x18x12 ins. N. and S. of post $\frac{3}{4}$ ft. dist., and raise a mound of earth $\frac{3}{4}$ ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.

Subdivision of fracl. T 5 S., R 5 E.

Chains	
62.50	Wash, course S 60°W.
80.00	Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor., bet. secs. 7 and 8., with brass cap stamped $\frac{1}{4}$ S7 in W half S8 in E half 1911 in S
	Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist. and raise a mound of earth $\frac{3}{4}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
82.00	Wash, course NW.
93.00	Wash, course SW.
110.01	The cor. of secs. 7 and 8 on S. bdy. of the Gila River Indian Reservation . Land broken and rolling. Soil, sandy and gravelly, 2nd. rate. Open brush of palo verde, palo fierro, and chaparral, full distance.
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	From the $\frac{1}{4}$ sec. cor. bet. secs. 7 and 8, I run S 0°02'E. on a random line, through the middle of sec. 8.
40.00	Set temp. center $\frac{1}{4}$ sec. cor.
80.00	Set temp. $\frac{1}{4}$ sec. cor.
109.94	Fall 10 lks. E. of the $\frac{1}{4}$ sec. cor. of sec. 8 on S. bdy. of the Gila River Indian Reservation. Move temp. center $\frac{1}{4}$ sec. cor. 4 lks. W. Move temp. $\frac{1}{4}$ sec. cor. 8 lks. W.
	From the N. $\frac{1}{4}$ sec. cor. bet. secs. 7 and 8, I run East on a random line through the middle of sec. 8.
40.00	Fall 4 lks. N. of temp. center $\frac{1}{4}$ sec. cor.
80.03	Intersect the $\frac{1}{4}$ sec. cor. bet. secs. 8 and 9. (Point for center $\frac{1}{4}$ sec. cor. is therefore 4 lks. N0°01'E. of temp. cor.)
	Thence I run west on a true line through the middle of sec. 8. Over rolling desert through open brush.

Chains	Subdi
10.00	Road, bears N 50° E. and S 30° W.
16.00	Begin ascent, bears N. and S.
34.00	Top of ascent, bears N. and S., thence along face of S. slope.
40.03	Set an iron post 26 ins. in the ground for center $\frac{1}{4}$ sec. cor. of sec. 8, with brass cap stamped.
	G $\frac{1}{4}$ S8 1911
	Build a mound of stone 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.
44.00	Begin descent of W. slope.
54.00	Wash, course SW.
58.00	Base of descent, thence begin ascent, bears N. and S.
66.50	Top of ascent, bears N. and S., thence descend.
72.00	Base of descent, bears N. and S.
80.03	(40.00) The $\frac{1}{4}$ sec. cor. bet. secs. 7 and 8. Land gently rolling desert. Soil sandy and gravelly 2 nd. rate. Open brush of palo verde, palo fierro, and chaparral, full distance.
	Returning to the $\frac{1}{4}$ sec. cor. bet. secs. 5 and 8, thence I run S 0° 01' W. on a true line through the middle of sec. 8. Over rolling desert, through open brush
16.40	Wash, course S 60° W.
28.00	Begin ascent of N. slope of hill.
34.00	Summit of hill bears E. and W.
39.96	The center $\frac{1}{4}$ sec. cor. of sec. 8. thence descend.
43.00	Base of descent, bears E and W.
64.00	Wash, course S 60° W.
79.50	Wash, course SW.
80.00	Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 8, with brass cap stamped
	$\frac{1}{4}$ S8 1911
	Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $\frac{3}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high W.

Subdivision of frac. T 5 S., R 5 E.

Chains

of cor.

109.94 The $\frac{1}{4}$ sec. cor. of sec. 8 on the S. bdy. of the Gila River Indian Reservation.

Land, rolling desert.

Soil sandy, and gravelly 2 nd. rate.

Open brush of palo verde, palo fierro, and chaparral, full distance.

February 16, 1911. At the $\frac{1}{4}$ sec. cor. bet. secs. 6 and 7, I set off $12^{\circ}29'$ S. on the decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is $33^{\circ}01'$, which is nearly correct.

From the $\frac{1}{4}$ sec. cor. bet. secs. 6 and 7, I run $S 0^{\circ}03'E.$ on a random line through the middle of sec. 7.

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

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

110.11 Intersect the $\frac{1}{4}$ sec. cor. of sec. 7. on S. bdy. of the Gila River Indian Reservation

From the N. $\frac{1}{4}$ sec. cor. bet. secs. 7 and 8, I run $N 89^{\circ}55'W.$ on a random line, through the middle of sec. 7.

40.00 Intersect the temp. center $\frac{1}{4}$ sec. cor.

91.66 Intersect the $\frac{1}{4}$ sec. cor. of sec. 7 on W. bdy. of the Gila River Indian Reservation

(Point for center $\frac{1}{4}$ sec. cor. is therefore, at temp. cor)

Thence I run

$S 89^{\circ}55'E.$ on a true line through the middle of sec. 7

47.02 Main road, bears N. and S.

51.02 Road, bears N. and S.

51.66 Set an iron post 26 ins. in the ground for center $\frac{1}{4}$ sec. cor. of sec. 7, with brass cap stamped

C $\frac{1}{4}$ S7 1911

Dig pits 18x18x12 ins E, S, and W. 3 ft. and N. of post 7 ft.

Subdivision of fracl. T 5 S., R 5 E

Chains	dist., and raise a mound of earth, 4 ft. base, 2 ft. high N. of cor.
91.66	(40.00) The $\frac{1}{4}$ sec. cor. bet. secs. 7 and 8. Land gently rolling desert. Soil sandy and gravelly 2 nd. rate. Open brush of palo verde, palo fierro, and chaparral, full distance.
	Returning to the $\frac{1}{4}$ sec. cor. bet. secs. 6 and 7, thence I run S $0^{\circ}05'$ E. on a true line through the middle of sec. 7 Over gently rolling land.
22.00	Road, bears N 30° E. and S 30° W.
40.03	The center $\frac{1}{4}$ sec. cor. of sec. 7.
48.00	Wash, course W.
70.00	Low ridge, bears E. and W.
80.00	Set an iron post 26 ins. in the ground for the $\frac{1}{4}$ sec. cor. of sec. 7, with brass cap stamped $\frac{1}{4}$ S7 1911 Dig pits 18x18x12 ins. N. and S. of post $\frac{1}{2}$ ft. dist., and raise a mound of earth $\frac{3}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
88.00	Top of small ridge, bears E. and W.
110.11	The $\frac{1}{4}$ sec. cor. of sec. 7 on the S. bdy. of the Gila River Indian Reservation. Land gently rolling desert. Soil, sandy and gravelly, 2 nd. rate. Open brush of palo verde, palo fierro, and chaparral, full distance.

GENERAL DESCRIPTION

This township consists entirely of broken mountainous land. The soil is stony and gravelly 2 nd. rate. Considerable prospecting for mineral has been done and

~~Subdivision of fractional T 5 S., R 5 E.~~

a number of small shafts were observed. None of the land has been patented as mineral claims however. The township is worthless for agriculture.

Guy P Harrington

U.S. Surveyor.

LIST OF ASSISTANTS.

- Hugh M Neighbour Instrumentman.
- A.O. Stinson..... Chainman.
- E.W. Hoagland..... Chainman.
- J.W. Rodgers..... Moundman.
- Louis G Hurst..... Flagman.
- Arthur Hicks..... Axeman.
- Elmer L Nye..... Axeman.

Washington, D.C., *June 17,* 1915.

I hereby certify that the survey of the subdivision lines of T. 5 S., R. 5 E., within the Gila River Indian Reservation, Arizona, was made under my supervision and direction, and to the best of my knowledge and belief the field work was executed in strict accordance with the instructions given me dated Oct. 11, 1910, and the Manual of Surveying Instructions, and that these field notes are a correct representation thereof.

A. F. Drumright

Topographer in Charge of
Indian Surveys.

CERTIFICATE OF ASSISTANTS.

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability, _____, U. S. Surveyor, during the periods and in the capacities stated opposite our several signatures, in surveying all those parts or portions of _____

For oaths of assistants see Book "B" (township exteriors and reservation boundary)

of the _____ Meridian, in the State of _____ which are represented in the foregoing field notes as having been executed by him, and under his direction; and that said survey has been, in all respects, to the best of our knowledge and belief, well and faithfully executed.

Table with columns: NAME, PERIOD OF SERVICE (BEGUN, ENDED), CAPACITY. Includes a row with mirrored text: 'Assistant (begin)'

Subscribed and certified to before me on the dates of the final service as shown above.

U. S. Surveyor.

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BOOK 3472

FINAL OATH OF UNITED STATES SURVEYOR.

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 _____

For oaths of U. S. Surveyor, see Book "B"
(township exteriors and reservation boundary)

_____ 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 COMMISSIONER OF THE GENERAL LAND OFFICE
OFFICE OF THE UNITED STATES SURVEYOR GENERAL

Washington, D. C., *Sept. 1*, 1920

The foregoing field notes of the survey of **subdivision lines in T. 5 S., R. 5 E., within the Gila River Indian Reservation, Arizona,**

executed by **Guy P. Harrington, U.S. Surveyor,** under direction of **A.F. Dunnington Topographer in Charge of Indian Surveys** under his special instructions dated **Oct. 11,** 1910, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(signed) Clay Walker
U.S. Surveyor General.
Commissioner of the General Land Office

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.

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

Commissioner of the General Land Office