

3473

4-679

BOOK 3473

FIELD NOTES

OF ~~THE SURVEY OF~~ THE
Extension Survey and Independent
Resurvey of

Subdivision Lines

in

TOWNSHIP 5 SOUTH RANGE 6 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 Special 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 Group~~

Topographer in Charge of Indian Surveys
~~No. , which were approved by the Commissioner of the General Land~~

~~Office, , 191 , and Assignment Instructions dated , 191~~

Survey commenced January 20, 1911

Survey completed November 10, 1919

1A

BOOK 3473

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Subdivision of fracl. T 5 S., R 6 E.

Chains

The NE.cor. of this township is in Lat. $33^{\circ}02'N.$, Long. $111^{\circ}41'W.$

Survey commenced January 20, 1911, by Guy P harrington, U.S. Surveyor, and executed with Young & Sons light mountain transits Nos. 8388 and 8394, with solar attachments. The horizontal limbs are 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.

January 20, 1911, At 9 a.m., l.m.t., set off $33^{\circ}02'$ on the lat arc., $20^{\circ}13\frac{1}{2}'S.$ 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 $0^{\circ}01'E.$ on true line bet. secs. 1 and 2.

Over mountainous country, ascending NE. slope to base of mountain.

24.00 Wash, course NF.

35.00 Wash, course NE.

36.00 Base of mountain. Thence up rocky steep slope.

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

$\frac{1}{4}$ S 2 in W half
S 1 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.

53.00 Summit of ridge on E. slope.

Thence along E. side of mountain, descending slightly to

60.00 Where I begin ascent to ridge.

69.30 Summit of ridge on E. slope. Thence descend SE. slope

74.00 Gulch, course SE.

76.50 Top of low ridge, bears E. and W.

80.00 Set an iron post 26 ins. in the ground for cor. of secs.

Subdivision of frac1 T 5 S., R 6 E.

Chains

1,2,11,and 12,with brass cap stamped.

T5S S1 in NE.quadrant
 R6E S12 in SE.quadrant
 S11 in SW.quadrant
 S2 in NW.quadrant
 5 notches on S.and 1 on E.edges
 1911 in S.

Build a mound of stone 2½ ft. base, 1½ ft. high W.of cor.
 Cor. in shallow gulch,course NE.

Land,gently rising slope to foot of mountain,then broken
 rocky mountain slope.

Soil stony 3 rd. rate.

Scattering chaparral on gradual slope.

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. ¼ sec. cor.,bet. secs. 1 and 12.

80.24 Fall 40 lks. N.of the cor. of secs. 1,6,7,and 12 on E.bdy.
 of Tp.

Thence I run

N 89°43'W. on a true line bet. secs. 1 and 12.

Over broken,rocky,mountainous land,descending steep W.slope.

6.50 Base of descent,bears N. and S.

Thence over bottom of gulch

16.00 Begin ascent to ridge,bears N. and S.

33.25 Summit of ridge,bears N. and S. Thence descend.

38.25 Base of descent in gulch, course S.;Begin ascent.

39.50 Top of ascent on low ridge,bears N. and S. desc.

40.12 Set an iron post 26 ins. in the ground for ¼ sec. cor.,
 bet. secs.1 and 12,with brass cap stamped

¼ S1 in N.half
 1911 S12 in S.half

Build a mound of stone 2½ ft. base, 1½ ft. high N.of cor.

48.00 Base of descent in gulch,course S. Begin ascent

52.50 Top of low ridge,bears N. and S. Thence descend.

54.00 Bottom of gulch,course SE. Begin ascent,bears N. and S.

Subdivision of frac1. T 5 S., R 6 E.

Chains

67.00 Top of ascent on ridge, bears N. and S. Begin descent

75.50 Base of descent in gulch, course S. Begin ascent.

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

Land very broken and mountainous.

Soil stony 3 rd. rate.

From the 1/4 sec. cor. bet. secs. 1 and 12 I run

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

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

80.04 Intersect the 1/4 sec. cor. bet. secs. 1 and 36.

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

S89°43'E. on a random line through the middle of sec. 1

40.08 Fall 14 lks. S. of temp. center 1/4 sec. cor.

80.16 Fall 32 lks. S. 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, 2 lks. N. of the temp. cor.)

Thence I run

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

Over gently rolling land, gradually ascending.

20.50 Wash, course N.

26.20 Wash, course N.

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

C 1/4 S1 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 N 10°E.

47.75 Wash, course N.

50.00 Wash, course N 10°E

56.00 Wash course N 20°E.

68.50 Base of ridge on NE. side of mountain. Begin ascent.

Subdivision of frac1 T 5 S., R 6 E.

Chains

70.00

Top of ascent on ridge, brs N. and S. Begin descent.

78.40

Base of descent in gulch, course N. Begin ascent.

80.16

(40.08) The $\frac{1}{4}$ sec. cor. bet. secs. 1 and 2.

Land, gradually rising slope and broken rocky ground.

Soil 3 rd. rate.

Chaparral and sage brush and some palo verde.

 Returning to the $\frac{1}{4}$ sec. cor. bet. secs. 1 and 36 on N. bdy.
of Tp.

Thence I run

South on a true line, through the middle of sec. 1

Ascending broken slope near the base of mountain.

34.00

Wash, course NE.

40.02

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

50.00

Begin precipitous ascent of mountain, bears NE. and SW.

74.00

Top of ascent on ridge, bears N 80° W. and S 80° E.

80.04

(40.02) The $\frac{1}{4}$ sec. cor. bet. secs. 1 and 12.

Land broken and mountainous.

Soil stony 3 rd. rate.

Scattering brush of chaparral.

 January 20, 1911. At the cor. of secs. 1, 2, 11, and 12., I
set off 20° 12' S. on the decl arc, and at apparent
noon observe the sun on the meridian, the resulting
lat. is 33° 01' N., the proper lat.

Thence I run

S 0° 01' E on a true line bet. secs. 11 and 12., the cor. of
secs. 11 and 12 on S. bdy. of Reservation being plain-
ly visible

Descend steep rocky SE. slope of mountain

20.00

Base of descent in gulch, course S 20° W., Thence begin
ascent to ridge, bears NE. and SW.

32.50

Top of ascent on SW. point of ridge. Begin descent.

34.50

Base of descent at foot of mountain.

Subdivision of fract. T 5 S., R 6 E.

Chains 40.00	Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor. bet. secs. 11 and 12, with brass cap stamped $\frac{1}{4}$ S11 in W. half S12 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.
62.00	Wash, course S 20° W.
67.75	Wash, course S 20° W.
72.00	Wash, course SW.
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 S12 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.
84.50	Wash, course SW.
88.50	Wash, course SW.
102.00	Wash, course SW.
109.03	The cor. of secs. 11 and 12 on S. bdy. of the Gila River Indian Reservation. Land rocky and broken gradual slope. Soil, 3 rd. rate. Chaparral and sage brush, palo verde and palo fierro.

From the $\frac{1}{4}$ sec. cor, bet. secs. 1 and 12 I run South on a random line through the middle of sec 12.

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

80.00 Set temp. $\frac{1}{4}$ sec. cor. of sec. 12.

109.72 Intersect the $\frac{1}{4}$ sec. cor. of sec. 12 on the S. bdy. of the Gila River Indian Reservation.

Subdivision of fract. T 5 S., R 6 E.

Chains	From the $\frac{1}{4}$ sec. cor. bet. secs. 11 and 12, I run S $89^{\circ}43'$ E. on a random line, through the middle of sec. 12.
40.00	Fall 9 lks. S. of temp. center $\frac{1}{4}$ sec. cor.
80.00	Fall 18 lks. S. of the $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12 on E. bdy. of Tp. (Point for center $\frac{1}{4}$ sec. cor. is, therefore at temp. cor) Thence I run N $89^{\circ}51'$ W. on a true line through the middle of sec. 12. Over mountainous land.
2.00	Low rocky ridge, bears N. and S.
24.00	Road bears NE. and SW.
33.00	Wash, course S.
40.00	Set an iron post 26 ins. in the ground for center $\frac{1}{4}$ sec. cor. of sec. 12, with brass cap stamped C. $\frac{1}{4}$ S 12 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.
60.00	Wash, course S.
63.00	Wash course S.
74.00	Wash course S.
80.00	The $\frac{1}{4}$ sec. cor. of secs. 11 and 12. Land gently rolling and mountainous. Soil 2nd. and 3rd. rate. Chaparral and sage brush.
	Returning to the $\frac{1}{4}$ sec. cor. bet. secs. 1 and 12, thence I run South on a true line through the middle of sec 12 Descending steep S. slope of mountain.
10.50	Base of steep slope, at foot of mountain, bears E. and W. Thence gradual descent
20.00	Wash, course S 20° E

Subdivision of fracl. T 5 S., R 6 E.

Chains	
32.00	Wash, course S 30° E.
40.00	The center $\frac{1}{4}$ sec. cor. of sec. 12.
54.00	Wash, course SE.
55.00	Road, bears N 30° E. and S 30° W.
60.00	Wash, course S 70° W.
70.00	Wash, course W.
71.50	Wash, course W.
74.50	Wash, course W.
80.00	Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 12, with brass cap stamped
	$\frac{1}{4}$ S12 1911
	Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $\frac{3}{8}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
80.25	Wash, course W.
100.00	Base of ridge, bears E. and W. Begin ascent.
105.00	Top of ascent on W. point of ridge.. Begin descent.
109.72	Base of descent and $\frac{1}{4}$ sec. cor. of sec. 12 on S. bdy. of Gila Indian Reservation.
	Land, gently rolling and broken.
	Soil stony 3 rd. rate.
	Chaparral and sage brush and some palo verde.
January 21, 1911. At 9 a.m., l.m.t., I set off 33° 02' on the lat arc, 20° 01' S. on the decl arc, and determine a meridian with the solar at the cor. of secs. 2, 3, 34, and 35 on N. bdy. of Tp.	
	Thence I run
	S 0° 01' E. bet. secs. 2 and 3.
	Over rocky broken country, descending steep slope.
1.00	Base of descent in gulch, course E. Thence across rocky gulch.

Subdivision of fract. T 5 S , R 6 E.

Chains
 3.00 Begin ascent to small hill.
 5.50 Top of ascent on small rocky hill. Begin descent.
 10.00 Base of descent, thence down gradual slope
 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.

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.

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

T 5 S., S2 in NE. quadrant
 R 6 E., S11 in SE. quadrant
 S10 in SW. quadrant.
 S3 in NW. quadrant
 1911 in S.

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

A palo verde 12 ins. in diam. bears S22 $\frac{1}{2}$ °E 79 lks. dist. mkd. T5S., R6E., S11 BT.

Land gently rolling and broken.

Soil stony 3 rd. rate.

Scattering mesquite and palo verde, chaparral and sage brush.

From the cor. of secs. 2, 3, 10, and 11 I run

East on a random line bet. secs. 2 and 11.

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

79.90 Fall 40 lks. S. of the cor. of secs. 1, 2, 11, and 12.

Thence I run

S 89°43'W. on a true line bet. secs. 2 and 11.

Over exceedingly rough broken country, ascending steep rocky slope of mountain.

Subdivision of fracl. T 5 S., R 6 E.

Chains	
10.50	Top of ascent on summit of mountain, bears N. and S. Begin descent.
15.00	Gulch, course S.
17.00	Top of ridge, bears N. and S.. Thence descend steep slope
24.00	Base of steep slope. Thence along NW. side of ridge bearing SW.
36.25	Begin steep descent.
39.95	Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor. bet. secs. 2 and 11., with brass cap stamped $\frac{1}{4}$ S2 in N. half 1911 S11 in S. half Build a mound of stone $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
47.50	Base of descent at foot of mountain, bears N. and S.
54.00	Top of small Knoll.
79.90	The cor. of secs. 2, 3, 10, and 11. Land, rocky and mountainous, and gently rolling. Scattered palo verde, chaparral, and sage brush.
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	From the $\frac{1}{4}$ sec. cor. bet. secs. 2 and 11 I run N $0^{\circ}01'$ W. on a random line through the middle of sec. 2.
40.00	Set temp center $\frac{1}{4}$ sec. cor.
79.90	Fall 14 lks. E. of the $\frac{1}{4}$ sec. cor. bet. secs. 2 and 35 on N. bdy. of Tp. Move temp. center $\frac{1}{4}$ sec. cor. 7 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.
40.00	Fall 16 lks. S. of temp. center $\frac{1}{4}$ sec. cor.
80.00	Fall 24 lks. S. of the $\frac{1}{4}$ sec. cor. bet. secs. 1 and 2. (Point for center $\frac{1}{4}$ sec. cor. is therefore, 4 lks. $S0^{\circ}07'E$ of temp. cor.) Thence I run S $89^{\circ}50'$ W. on a true line through the middle of sec. 2. Over rocky mountain slope, ascending N. slope
20.00	Top of ascent on N. slope of ridge, bears N. and S.

Subdivision of fracl. T 5 S., R 6 E.

Chains	
	Begin descent.
40.00	Set an iron post 26 ins. in the ground for the center $\frac{1}{4}$ sec. cor. of sec. 2., with brass cap stamped C $\frac{1}{4}$ S2 1911
	Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
55.00	Base of descent at foot of mountain, bears NE. and SW.
80.00	(40.00) The $\frac{1}{4}$ sec. cor. bet. secs. 2 and 3. Land very rough and mountainous. Scattering palo verde, sage brush, mesquite, and chaparral.
	Returning to the $\frac{1}{4}$ sec. cor. bet. secs. 2 and 35 on N. bdy. of Tp., thence I run S $0^{\circ}07'E.$ on a true line, through the middle of sec. 2. Over broken land.
10.00	Begin precipitous ascent, bears E. and W.
13.50	Top of ridge bears NW. and SE.. Thence descend.
16.00	Gulch, course W.
20.00	Top of ridge, bears NW. and SE.
30.00	Gulch, course NW.
39.94	The center $\frac{1}{4}$ sec. cor. of sec. 2.
45.50	Ridge, bears E. and W.
56.00	Gulch, course W.
69.50	Ridge, bears E. and W.
77.00	Gulch, course W.
79.90	(39.96) The $\frac{1}{4}$ sec. cor. bet. secs. 2 and 11. Land broken and mountainous. Soil stony 3rd. rate.
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	From the cor. of secs. 2, 3, 10, and 11, I run S $0^{\circ}01'E.$ on a true line bet. secs. 10 and 11. Over gently rolling land, through brush. The cor. of secs. 10 and 11 is plainly visible on the S. bdy. of the Reservation.

Subdivision of fract. T 5 S., R 6 E.

Chains	
4.00	Wash course S 80°W.
8.00	Wash, course S 80°W.
12.00	Wash, course S 80°W.
20.20	Wash, course S 80°W.
36.00	Wash, course S 80°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 ins. N. and S. of post $\frac{3}{4}$ ft. dist., and raise a mound of earth $\frac{3}{8}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
41.00	Wash, course S 80°W.
52.00	Wash, course S 80°W.
56.00	Wash, course S 80°W.
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 $\frac{1}{4}$ S10 in W half S11 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 $\frac{3}{8}$ ft. base, $1\frac{1}{2}$ ft. high W of cor.
89.50	Wash, course S 60°W.
96.00	Road, bears NW. and SE.
104.00	Wash, course S 60°W.
107.75	Intersect the cor. of secs. 10 and 11 on S. bdy. of the Gila River Indian Reservation. Land, gently rolling, non-irrigable. Soil sandy 2nd. rate. Open brush of chaparral, sage and scattered mesquite, palo fierro. and palo verde.

Subdivision of fracl. T 5 S., R 6 E.

Chains	
	From the $\frac{1}{4}$ sec. cor. bet. secs. 2 and 11 I run
	S $0^{\circ}01'E.$ on a random line through the middle of sec. 11.
40.00	Set temp. center $\frac{1}{4}$ sec. cor.
80.00	Set temp. $\frac{1}{4}$ sec. cor.
108.48	Intersect the $\frac{1}{4}$ sec. cor. of sec. 11, on S. bdy. of Reservation
	From the N. $\frac{1}{4}$ sec. cor. of secs. 10 and 11 I run
	N $89^{\circ}43'E.$ on a random line, through the middle of sec. 11.
39.98	Fall 14 lks. N. of temp. center $\frac{1}{4}$ sec. cor.
80.02	Fall 16 lks. N. of the $\frac{1}{4}$ sec. cor. bet. secs. 11 and 12. (Point for the center $\frac{1}{4}$ sec. cor. is, therefore 6 lks. N $0^{\circ}01'$ W. of temp. center $\frac{1}{4}$ sec. cor.)
	Thence I run
	S $89^{\circ}50'W.$ on a true line, through the middle of sec. 11. Over gently rolling land, through open brush.
36.00	Wash, course S. from N.
40.04	Set an iron post 26 ins. in the ground for the center $\frac{1}{4}$ sec. cor. of sec. 11, with brass cap stamped
	C $\frac{1}{4}$ S11 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.
49.00	Wash, course SW.
51.00	Top of ridge, bears, N. and S. Thence descend.
53.50	Base of descent, bears N. and S.
69.00	Wash, course SW. from the NE.
78.25	Wash, course S. from N.
80.02	(39.98) The $\frac{1}{4}$ sec. cor. bet. secs. 10 and 11. Soil sandy 2nd. rate Land, broken, mountain, non-irrigable. Open brush of chaparral, sage, scattered, mesquite, palo verde, 80.02 chs.

Subdivision of frac1. T 5 S., R 6 E.

Chains

Returning to the $\frac{1}{4}$ sec.cor. bet. secs.2 and 11,thence I run S 0°01'E.on a true line through the middle of sec.11.

Over broken mountainous land,through open growth of brush

16.00 Bed of deep gulch,course W.

39.94 The center $\frac{1}{4}$ sec. cor.of sec. 11.

58.50 Wash,course SW.from NE.

60.75 Wash,course S70°W. from E.

70.00 Wash,course SW.from E.

72.10 Wash,course SW. from N70°E.

79.50 Wash,course W.from E.

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

$\frac{1}{4}$ S11 1911

Dig pits 18x18x12 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.

94.50 Wash,course SW.from E.

108.48 The $\frac{1}{4}$ sec. cor. of sec. 11 on S. bdy.of Reservation. Land,broken and mountainous.

Soil stony 74.14 chs.,sandy 2nd. and 3rd. rate.

Open brush of chaparral,sage,scattered mesquite,palo verde., palo fierro,and scattered greasewood,108.48 chs.

January 22,1911; At 9 a.m.,l.mt. I set off $33^{\circ}01\frac{1}{2}'$ on the lat. arc, $19^{\circ}51'S$.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 gently rolling desert,through brush.

23.55 Road,bears N45°W. and S 45°E.

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

$\frac{1}{4}$ S4 in W half
S3 in E half
1911 in S from which

Subdivision of fracl. T 5 S., R 6 E.

Chains

- A palo fierro, 6 ins. in diam. bears $N64\frac{1}{2}^{\circ}E$. 57 lks. dist.,
mkd. $\frac{1}{4}$ S3 BT
- Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist., and
raise a mound of earth $3\frac{3}{8}$ ft. base, $1\frac{1}{2}$ ft. high W.
of cor.
- 80.00 Set an iron post 26 ins. in the ground for cor. of secs.
3, 4, 9, and 10., marked on brass cap
- T5S S3 in NE quadrant.
R6E S10 in SE quadrant
S9 in SW quadrant
S4 in NW quadrant.
5 notches on Sand 3 on E edges
1911 in S. from which
- A palo fierro 10 ins. in diam. bears $S55\frac{1}{2}^{\circ}E$. 364 lks. dist.
marked T5S., R6E., S10 BT.
- A palo fierro 14 ins. in diam., bears $N74\frac{1}{2}^{\circ}W$. 252 lks. dist.,
marked T5S., R6E., S4 BT.
- Dig pits 18x18x12 ins. in each sec, $5\frac{1}{2}$ ft. dist., and raise
a mound of earth 4 ft. base, 2 ft. high W. of cor.
- Land gently rolling and non-irrigable.
- Soil sandy, 2nd. rate.
- Open brush of chapparral, sage, palo verde, palo fierro,
scattered mesquite, and greasewood 80.00chs.
-
- 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.
- 80.14 Fall 18 lks. N. of the cor. of secs. 2, 3, 10, and 11.
Thence I run
 $N 89^{\circ}52'W$. on a true line bet. secs. 3 and 10.
Over gently rolling land, through open brush.
- 6.00 Wash, course W. thence line follows along bed of same.
- 9.00 Wash swings to NW.
- 14.00 Same wash, course SE.
- 18.00 Wash, course W. Thence line follows bed of same.
- 38.00 Wash swings to NW.

Subdivision of frac1 T 5 S., R 6 E.

Chains	
40.07	Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor. bet. secs. 3 and 10., with brass cap stamped
	$\frac{1}{4}$ S3 in N half 1911 S10 in S half
	Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist. and raise a mound of earth $\frac{3}{8}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.; Cor in middle of old road, bears N. and S.
42.00	Road bears NW. and SE.
45.00	Wash, course N.
52.00	Wash, course NW.
56.00	Wash, course NW.
64.00	Wash, course N60°W.
77.00	Wash, course N60°W.
80.14	The cor. of secs. 3, 4, 9, and 10.
	Land gently rolling and non-agricultural. Soil sandy 2 nd. rate. Open brush of chaparral, sage, palo verde, palo fierro, scattered mesquite, and greasewood. 80.14 chs.
	From the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34 on N. bdy. of Tp. I run
	S 0°01'E. on a random line through the middle of sec. 3.
40.00	Set temp. center $\frac{1}{4}$ sec. cor.
80.00	Intersect the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 10.
	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.
39.97	Fall 10 lks. N. of temp. center $\frac{1}{4}$ sec. cor.
79.94	Fall 12 lks. N. of the $\frac{1}{4}$ sec. cor. bet. secs. 2 and 3.
	(Point for center $\frac{1}{4}$ sec. cor. is, therefore, 4 lks. N0°01'W of temp. cor.)
	Thence I run N 89°55'W. on a true line through the middle of sec. 3. Over gently rolling land, through brush.

Subdivision of fracl. T 5 S., R 6 E.

Chains	
19.00	Wash, course NW..
22.00	Same wash, course SW.
24.00	Same wash, course NW.
37.00	Same wash, course N60°W.
39.97	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.
44.00	Road, bears N20°W. and S 20°E.
50.30	Wash, course NW.
66.00	Road, bears NW. and SE.
71.50	Wash, course N 60°W.
79.94	(39.97) The $\frac{1}{4}$ sec. cor. bet. secs. 3 and 4. Land gently rolling, non-irrigable. Soil sandy 2 nd. rate. Open brush of chaparral, sage, palo verde, palo verde, palo fierro, scattered, mesquite, and greasewood, 79.94 chs.
	Returning to the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34 on N. bdy. of Tp., thence I run S 0°01'E. on a true line, through the middle of sec. 3. Over gently rolling land, through brush.
8.00	Wash, course NW.
16.00	Wash, course N 60°W.
26.00	Wash, course N 60°W.
33.00	Wash, course N 60°W.
37.00	Wash, course N 60°W.
39.96	The center $\frac{1}{4}$ sec. cor. of sec. 3.
48.00	Wash, course NW.
52.00	Wash, course NW.
56.00	Wash, course NW.
58.00	Wash, course NW.

Subdivision of fracl. T 5 S., R 6 E.

Chains

66.20 Wash, course N 80°W.

80.00 (40.04) The 1/4 sec. cor. bet. secs. 3 and 10.

Land gently rolling, non-irrigable desert.

Soil sandy 2 nd. rate.

Open brush of chaparral, sage, palo verde, palo fierro, scattering mesquite and greasewood, 80.00 chs.

January 22, 1911. At the cor. of secs. 3, 4, 9, and 10, I set off 19°49'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.

From the cor. of secs. 3, 4, 9, and 10 I run S 0°02'E. on a random line bet. secs. 9 and 10.

108.05 Intersect the cor. of secs. 9 and 10 on S. bdy. of the Reservation.

Returning to the cor. of secs. 3, 4, 9, and 10, thence I run S 0°02'E. on a true line bet. secs. 9 and 10.

Over gently rolling desert land, through open growth of brush.

20.30 Base of ascent bears N. and S.

28.30 Ridge, bears E. and W.; Main ridge, slopes to E.

35.55 Base of rocky spur to E.

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. Cor. on rocky slope

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

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

Subdivision of fract. T 5 S., R 6 E.

Chains	<p>Dig pits 18x18x12 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.</p>
108.05	<p>Intersect the cor. of secs. 9 and 10 on S. bdy. of the Gila River Indian Reservation.</p> <p>Land gently rolling, non-irrigable desert.</p> <p>Soil stony and sandy 3rd. rate.</p> <p>Open brush of chaparral, sage, palo verde, palo fierro, scattered mesquite and greasewood, full distance.</p>
<p>From the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 10, I run S $0^{\circ}02'E.$ on a random line through sec. 10.</p>	
40.00	Set temp. center $\frac{1}{4}$ sec. cor.
80.00	Set temp. $\frac{1}{4}$ sec. cor.
107.80	<p>Intersect the $\frac{1}{4}$ sec. cor. of sec. 10, on S. bdy. of the Gila River Indian Reservation.</p> <p>From the N. $\frac{1}{4}$ sec. cor. of secs. 9 and 10 I run S $89^{\circ}52'E.$ on a random line, through the middle of sec. 10</p>
40.02	Fall 4 lks. N. of temp. center $\frac{1}{4}$ sec. cor.
80.02	<p>Fall 2 lks. N. of the $\frac{1}{4}$ sec. cor. of secs. 10 and 11</p> <p>(Point for center $\frac{1}{4}$ sec. cor., is therefore, 3 lks. N. $0^{\circ}02'W.$ of temp. cor.)</p> <p>Thence I run N $89^{\circ}51'W.$ on a true line, through the middle of sec. 10.</p> <p>Over broken mountainous land, through scattered brush.</p>
8.00	Wash, course NW.
25.00	Road, bears NW. and SE.
40.00	Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 10, with brass cap stamped
<p>C $\frac{1}{4}$ S10 1911</p>	
56.00	Build a mound of stone 2 ft. base, $.1\frac{1}{2}$ ft. high N. of cor. Begin ascent of E. slope of mountain.
70.00	Top of ascent of mountain, bears N. and S.

Subdivision of fracl. T 5 S., R 6 E.

Chains
80.02

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

Land broken and mountainous.

Soil rocky 3 rd. rate.

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

Returning to the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 10, I run S $0^{\circ}02'E.$ on a true line through the middle of sec. 10. Over broken mountainous land, through open brush.

3.20 Road, bears N $70^{\circ}W.$ and S $70^{\circ}E.$

7.20 Wash, course N $20^{\circ}W.$

10.00 Wash, course N $70^{\circ}W.$

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

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 3 ft. dist. and raise a mound of earth $\frac{3}{8}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

92.20 Base of E. slope of high ridge, bears E. and W.

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

Land broken and mountainous.

Soil stony 3 rd. rate.

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

January 23, 1911. At 9 a.m., l.m.t. I set off $33^{\circ}01\frac{1}{2}'$ on the lat. arc., $19^{\circ}35'S.$ 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.

Subdivision of fracl. T 5 S., R 6 E.

Chains

Over broken mountainous land, through open brush.

1.50 Enter wash, course N 30°W.

3.00 Leave wash, course N. from S 30°E.

13.00 Enter wash, course N 10°E.

15.00 Leave wash course N. from S 10°W.

18.00 Re-enter same wash, course N20°W.

20.00 Leave same wash, course N. from S 20°E.

32.00 Re-enter same wash, course N 20°E.

34.00 Leave same wash, course N. from S 20°W.

37.00 Re-enter same wash, course N 15°W.

39.00 Leave same wash, course N. from S 15°E

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 3 ft. dist.,
and raise a mound of earth $\frac{3}{8}$ ft. base, $1\frac{1}{2}$ ft. high
W. of cor.

A palo verde 8 ins. in diam. bears N 53°E. 112 lks. dist.
mkd. $\frac{1}{4}$ S 4 BT.

A palo verde 10 ins. in diam., bears N 23 $\frac{1}{2}$ °W 104 lks. dist.
mkd. $\frac{1}{4}$ S 5 BT.

43.50 Wash, course N45°E.

63.00 Cross rocky point of E. slope of spur, bears E. and W.

71.00 Wash, course N 80°E.

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
R6E S9 in SE quadrant
S8 in SW quadrant
S5 in NW quadrant
5 notches on S. and 4 on E. edges
1911 in S. from which

A palo verde 8 ins. in diam. bears N81°E. 215 lks. dist.,
mkd. T5S., R6E., S4 BT.

A palo verde 6 ins. in diam. bears S68°W. 203 lks. dist.

Subdivision of fracl. T 5 S., R 6 E.

Chains

marked T5S.,R6E.,S8 BT.

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 broken and mountainous.

Soil stony 3 rd. rate.

Open growth of sage, chaparral, palo verde, palo fierro, and scattered cactus. 80.00 chs.

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. 1/4 sec. cor.

79.98 Fall 2 lks. N. of the cor. of secs. 3, 4, 9, and 10.

Thence I run

N89°59'W. on a true line bet. secs. 4 and 9.

Over broken mountainous land, through open brush.

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

1/4 S4 in N half
1911 S9 in S. half

A palo verde 8 ins. in diam. bears N23°W. 121 lks. dist. mkd. 1/4 S4 BT.

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

46.50 Casa Grande road bears N7°E., and S 7°W.

53.75 Road bears N30°E. and S 30°W.

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

Land broken and mountainous.

Soil gravelly 3 rd. rate.

Open growth of chaparral, sage, palo verde, palo fierro, and scattered mesquite and cactus, 79.98 chs.

Subdivision of fracl. T 5 S., R 6 E.

Chains	
	From the $\frac{1}{4}$ sec. cor. of secs. 4 and 33 on N. bdy. of Tp. I run
	S $0^{\circ}2'$ 'E. on a random line through the middle of sec. 4.
40.00	Set temp. center $\frac{1}{4}$ sec. cor.
79.95	Fall 12 lks. E. of the $\frac{1}{4}$ sec. cor. bet. secs. 4 and 9. Move temp. center $\frac{1}{4}$ sec. cor. 6 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.
39.98	Fall 4 lks. N. of temp. center $\frac{1}{4}$ sec. cor.
80.00	Fall 2 lks. S. of the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 4. (Point for center $\frac{1}{4}$ sec. cor. is therefore 5 lks. $N0^{\circ}03'E$ of temp. cor.)
	Thence I run
	S $89^{\circ}59'W$. on a true line through the middle of sec. 4. Over rolling land, through open brush.
40.02	Set an iron post 26 ins. in the ground for the center $\frac{1}{4}$ sec. cor. of sec. 4, with brass cap stamped C $\frac{1}{4}$ S4., 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.
43.00	Main Casa Grande road, bears N $7^{\circ}E$., and S $7^{\circ}W$.
79.00	Bed of wash, course N $45^{\circ}W$.
80.00	(39.98) The $\frac{1}{4}$ sec. cor. bet. secs. 4 and 5. Land rolling desert, non-irrigable. Soil gravelly, 2nd. and 3rd. rate. Open growth of chaparral, sage, palo verde, palo fierro, full distance.
	Returning to the $\frac{1}{4}$ sec. cor. bet. secs. 4 and 33, on N. bdy. of Tp., Thence I run
	S $0^{\circ}03'W$. on a true line through the middle of sec. 4. Over rolling land through open brush.

Subdivision of fracl. T 5 S., R 6 E.

Chains

- 3.50 Wash, course N 70°W.
- 14.00 Casa Grande road, bears N7°E. and S 7°W.
- 39.95 The center ¼ sec. cor. of sec. 4.
- 79.95 (40.00) The ¼ sec. cor. bet. secs. 4 and 9.

Land, rolling desert.

Soil gravelly, 3rd. rate.

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

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

A flag at the cor. of secs. 8 and 9 on S.bdy. of Reservation is visible.

Over rolling desert, through open brush.

- 14.50 Road, bears N80°E. and S80°W.

- 40.00 Set an iron post 26 ins. in the ground for ¼ sec. cor., bet. secs. 8 and 9. with brass cap stamped

¼ S8 in W half
 S9 in E half
 1911 in S

A palo verde 8 ins. in diam. bears S79½°E. 212 lks. dist., mkd. ¼ S9 BT.

A palo verde 8 ins. in diam. bears S2¼°W. 61 lks. dist. mkd. ¼ S8 BT.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth ¾ ft. base, 1½ ft. high W. of cor.

- 80.00 Set an iron post 26 ins. in the ground for ¼ sec. cor., bet. secs. 8 and 9., with brass cap stamped

¼ S 8 in W half
 S 9 in E half
 1911 in S

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth ¾ ft. base, 1½ ft. high

Subdivision of fract. T 5 S., R 6 E.

Chains	W. of cor.
107.20	Road, bears N 70° E., and S 70° W.
107.78	Intersect the cor. of secs. 8 and 9. on S. bdy. of the (Gila Indian Reservation. Land, rolling desert, non-irrigable. Soil sandy and gravelly 3 rd. rate. Open growth of sage, chaparral, palo verde, palo fierro, full distance.
	From the $\frac{1}{4}$ sec. cor. bet. secs. 4 and 9 I run S 0° 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.
108.00	Intersect the $\frac{1}{4}$ 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° 59' E. on a random line through the middle of sec. 9
39.93	Fall 9 lks. N. of temp. center $\frac{1}{4}$ sec. cor.
79.92	Fall 2 lks. N. of the $\frac{1}{4}$ sec. cor. bet. secs. 9 and 10. (Point for center $\frac{1}{4}$ sec. cor is therefore, 8 lks. N 0° 02' W. of temp. center $\frac{1}{4}$ sec. cor)
	Thence I run N 89° 58' W. on a true line, through the middle of sec. 9. Over rolling and mountainous land, through open brush.
2.00	Wash, course S.
11.00	Begin ascent of E. slope of ridge.
17.80	Summit of ridge bears N. and S., Thence over face of S. s slope.
19.00	Head of gulch on S. slope, course E.
20.20	Middle of gulch, course S.
39.99	Set an iron post 26 ins. in the ground for the center $\frac{1}{4}$ sec. cor. of sec. 9, with brass cap stamped

Subdivision of frac1. T 5 S., R 6 E

Chains

C ¼ S9 1911

Build a mound of stone 2 ft. base, 1½ ft. high N. of cor.

42.50 Summit of rocky butte, thence descend. bears N. and S.

45.00 Base of descent, bears N. and S.

52.00 Main Casa Grande road, bears N7°E. and S7°W.

79.92 (39.95) The ¼ sec. cor. bet. secs. 8 and 9.

Land broken and mountainous.

Soil stony 3 rd. rate.

Open chaparral, sage, palo verde, palo fierro, with scattered mesquite, and cactus, full distance.

January 23, 1911. At the ¼ sec. cor. bet. secs. 4 and 9, I set off 19° 34'S. on the decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is 33° 01', which is the correct lat.

From the ¼ sec. cor. bet. secs. 4 and 9 I run S 0° 02'E. on a true line, through the middle of sec. 9. Over broken mountainous land through open brush, descending rocky slope.

28.00 Base of rocky slope bears E. and W.

31.85 Large artificial mound of rock, 3x3x3 ft., probably built by Indians.

34.50 Top of ridge, bears N80°E. and S80°W.

39.00 Ridge, bears N75°E. and S75°W.

39.92 The center ¼ sec. cor. of sec. 9.

51.00 Ridge, bears N15°E. and S15°W.

60.00 Ridge, bears S5°E. and N5°W. Thence descend.

64.00 Base of ridge, bears NW. and SE.

80.00 Set an iron post 26 ins. in the ground for ¼ sec. cor. of sec. 9. with brass cap stamped

¼ S9 1911 from which

A palo verde 6 ins. in diam. bears S 41½°E. 109 lks. dist., mkd. ¼ S 9 BT.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist., and

Subdivision of fract. T 5 S., R 6 E.

Chains
108.00 raise a mound of earth $\frac{3}{8}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
The $\frac{1}{4}$ sec. cor. of sec. 9 on S. bdy. of the Gila River
Indian Reservation.
Land broken and mountainous.
Soil sandy and stony 3 rd. rate.
Open growth of chaparral, palo verde, palo fierro, mesquite
and cactus, full distance.

January 24. 1911. At 9 a.m., l.m.t. I set off $33^{\circ}01\frac{1}{2}'$ on the
lat arc, $19^{\circ}21'S$. on the decl arc, and determine a me-
ridian with the solar at the cor. of secs. 5, 6, 31, and
32 on N. bdy. of Tp.

Thence I run

S $0^{\circ}03'E$. bet. secs. 5 and 6.

Over broken mountainous land, through open brush.

18.00 Wash, course N $45^{\circ}E$.

40.00 Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor. bet.
secs. 5, and 6, with brass cap stamped

$\frac{1}{4}$ S6 in W half
S5 in E half
1911 in S. from which

A palo verde 6 ins. in diam. bears N $22\frac{3}{4}^{\circ}E$. 246 lks. dist.,
mkd. $\frac{1}{4}$ S5 BT.

A palo verde 12 ins. in diam. bears N $87\frac{1}{2}^{\circ}W$. 152 lks. dist.,
mkd. $\frac{1}{4}$ S6 BT.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.,
and raise a mound of earth $\frac{3}{8}$ ft. base, $1\frac{1}{2}$ ft
high W. of cor.

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

T5S S5 in NE quadrant
R6E S8 in SE quadrant
S7 in SW quadrant
S6 in NW quadrant
1911 in S, with
5 notches on E and S edges,

Subdivision of fracl. T 5 S., R 6 E.

Chains

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

Land broken and mountainous.

Soil stony. 3 rd. rate..

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

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.

79.94 Fall 4 lks. S. of the cor. of secs. 4, 5, 8, and 9.

Thence I run

S $89^{\circ}58'$ W. on a true line bet. secs. 5 and 8.

Over rolling, land, through open brush.

6.50 Enter wash, course N 45° E.

8.00 Leave wash, course N. from S 45° W.

32.00 Wash, course N 30° E.

39.97 Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor. bet. secs. 5 and 8., with brass cap stamped.

$\frac{1}{4}$ S5 in N half
1911 S8 in S half from which

A palo verde 10 ins. in diam. bears S $32\frac{1}{2}^{\circ}$ E. 144 lks. dist., mkd. $\frac{1}{4}$ S8 BT.

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

79.94 The cor. of sec. 5, 6, 7, and 8.

Land, rolling desert.

Soil sandy and gravelly 2 nd. rate.

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

Subdivision of frac1. T 5 S., R 6 E.

Chains	<p>From tje $\frac{1}{4}$ sec. cor. bet. secs. 5 and 32 on N. bdy. of Tp.</p> <p>I run</p> <p>S $0^{\circ}02'E$ on a random line through the middle of sec. 5</p> <p>40.00 Set temp. center $\frac{1}{4}$ sec. cor.</p> <p>79.99 Fall 4 lks. W. of the $\frac{1}{4}$ sec. cor. bet. secs. 5 and 8. Move temp. center $\frac{1}{4}$ sec. cor. 2 lks. East.</p> <p>From the $\frac{1}{4}$ sec. cor. bet. secs. 5 and 6 I run</p> <p>East on a random line through the middle of sec. 5.</p> <p>40.01 Intersect the temp. center $\frac{1}{4}$ sec. cor.</p> <p>80.00 Fall 4 lks. S. of the $\frac{1}{4}$ sec. cor. bet. secs. 4 and 5. (Point for center $\frac{1}{4}$ sec. cor. is therefore. 2 lks. N $0^{\circ}04'$ W. of temp. center $\frac{1}{4}$ sec. cor.)</p> <p>Thence I run</p> <p>S $89^{\circ}58'W$. on a true line through the middle of sec. 5 Over broken and mountainous land, through open brush.</p> <p>39.99 Set an iron post 26 ins. in the ground for the center $\frac{1}{4}$ sec. cor. of sec. 5., with brass cap stamped</p> <p style="text-align: center;">C $\frac{1}{4}$ S5 1911 from which</p> <p>A palo verde 6 ins. in diam. bears S $74\frac{1}{2}^{\circ}W$. 86 lks. dist., mkd. C $\frac{1}{4}$ S8 BT</p> <p>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.</p> <p>42.00 Summit of small round butte.</p> <p>56.00 Begin ascent of ridge, bears N. and S.</p> <p>59.00 Ridge, bears N. and S. Thence descend.</p> <p>61.00 Base of descent, bears N. and S.</p> <p>67.00 Wash, course N $20^{\circ}E$.</p> <p>80.00 (40.01) The $\frac{1}{4}$ sec. cor. bet. secs. 5 and 6.</p> <p>Land broken and mountainous: Soil, sandy and stony, 3rd. rate. Open growth of chaparral, sage, palo verde, palo fierro, and mesquite, full distance.</p>
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Subdivision of fracl. T 5 S., R 6 E.

Chains

Returning to the $\frac{1}{4}$ sec. cor. bet. secs. 5 and 32 on N. bdy. of Tp., thence

I run

S $0^{\circ} 04' E.$ on true line, through the middle of sec. 5.

Over broken mountainous land, through open brush.

39.98 The center $\frac{1}{4}$ sec. cor. of sec. 5.

67.00 Wash, course N $70^{\circ} E.$

79.99 (40.01) The $\frac{1}{4}$ sec. cor. bet. secs. 5 and 8.

Land broken and mountainous.

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

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

January 24, 1911. At the cor. of secs. 5, 6, 7, and 8., I set off $19^{\circ} 19' S.$ on the decl. arc., and at apparent noon observe the sun on the meridian.; the resulting lat is $33^{\circ} 01'$ which is correct.

From the cor. of secs. 5, 6, 7, and 8, I run

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

Over broken and mountainous land, through open brush.

A flag at the $\frac{1}{4}$ sec. cor. of sec. 7 is plainly visible.

26.00 Wash, course N $60^{\circ} E.$

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, from which

A palo verde 8 ins. in diam. bears N $3^{\circ} E.$ 163 lks. dist., mkd. $\frac{1}{4}$ S. 8 BT.

A palo verde 6 ins. in diam. bears N $12\frac{1}{2}^{\circ} W.$ 168 lks. dist. mkd. $\frac{1}{4}$ S7 BT.

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 fract. T 5 S., R 6 E.

Chains	
60.50	Wash, course N 65° E.
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 $\frac{3}{8}$ ft. base, $\frac{1}{2}$ ft. high W. of cor.
108.80	Intersect the cor. of secs. 7 and 8 on S. bdy. of the Gila River Indian Reservation.
	Land broken and mountainous.
	Soil stony 3 rd. rate.
	Open brush of sage, chaparral, palo verde, palo fierro, and scattered mesquite and cactus, full distance.
	<hr/>
	From the $\frac{1}{4}$ sec. cor. bet. secs. 5 and 8. I run S 0° 0' 2" 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.
108.28	Intersect the $\frac{1}{4}$ sec. cor. of sec. 8 on S. bdy. of Gila River Indian Reservation.
	From the N. $\frac{1}{4}$ sec. cor. bet. secs. 7 and 8. I run N 89° 58' E. on a random line through the middle of sec. 8.
40.02	Fall 1 lk. N. of temp. center $\frac{1}{4}$ sec. cor.
79.96	Fall 2 lks. N. of the $\frac{1}{4}$ sec. cor. bet. secs. 8 and 9. (Point for center $\frac{1}{4}$ sec. cor. is therefore at temp. cor.)
	Thence I run
	S 89° 59' W. on a true line through the middle of sec. 8.
20.50	Over broken mts. land Road, bears N10° E. and S10° W.
39.94	Set an iron post 26 ins. in the ground for center $\frac{1}{4}$ sec. cor. of sec. 8, with brass cap stamped

Subdivision of fracl. T 5 S., R 6 E.

Chains

A palo verde, 8 ins. in diam. bears N14 $\frac{1}{2}$ ^oW. 172 lks. dist.,
mkd. C $\frac{1}{4}$ S8 BT.

A palo verde 10 ins. in diam. bears S82^oE., 40 lks. dist.,
mkd. C $\frac{1}{4}$ S8 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.

41.00 Wash, course N45^oE.

79.96 (40.02) The $\frac{1}{4}$ sec. cor. bet. secs 7 and 8.

Land rolling and broken desert.

Soil sandy and gravelly 2 nd. rate.

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

Returning to the $\frac{1}{4}$ sec. cor. bet. secs. 5 and 8, thence
I run

S 0^o02'E. on a true line through the middle of sec. 8.

Through open brush.

10.00 Wash, course N80^oE.

38.00 Wash, course N45^oE.

40.00 The center $\frac{1}{4}$ sec. cor. of sec. 8.

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

C $\frac{1}{4}$ S8 1911

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.,
and raise a mound of earth $\frac{3}{8}$ ft. base, $1\frac{1}{2}$ ft. high
W of cor.

108.28 Intersect the $\frac{1}{4}$ sec. cor. of sec. 8 on S. bdy. of the Gila
Indian Reservation.

Land rolling desert.

Soil sandy and gravelly 2 nd. rate.

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

Subdivision of fractl. T 5 S., R 6 E

Chains

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 $\frac{1}{4}$ sec. cor.

79.60 Fall 9 lks. S of the cor. of secs. 1,6,7, and 12 on W. bdy.
of Tp.

Thence I run

S $89^{\circ}56'E$. on a true line bet. secs. 6 and 7.

Over rolling broken land, through brush.

24.60 Wash, course $N60^{\circ}E$.

37.10 Wash, course $N45^{\circ}E$.

39.60 Set an iron post 26 ins. in the ground for $\frac{1}{4}$ sec. cor. bet.
secs. 6 and 7, with brass cap stamped

$\frac{1}{4}$ S6 in N half
1911 S7 in S half from which

A palo verde 8 ins. in diam. bears $N7\frac{1}{2}^{\circ}W$. 148 lks. dist.,
markd. $\frac{1}{4}$ S6 BT.

A palo verde 6 ins. in diam. bears $S27\frac{1}{2}^{\circ}W$. 48 lks. dist.,
mkd. $\frac{1}{4}$ S7 BT.

Dig pits 18x18x12 ins. E. and W. of post $\frac{1}{2}$ ft. dist., and
raise a mound of earth $\frac{3}{8}$ ft. base, $1\frac{1}{2}$ ft. high
N. of cor.

47.60 Low wash, course NE.

54.60 Wash, course $N45^{\circ}E$.

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

Land rolling and broken.

Soil sandy and stony 2 nd. rate.

Open growth of sage, chaparral, palo verde, palo fierro,
and scattered mesquite, full mile

January 25, 1911. At 9 a.m., l.m.t., $33^{\circ}01\frac{1}{2}'$ on the lat. arc,
 $19^{\circ}08'S$. on the decl. arc, and determine a meridian
with the solar at the $\frac{1}{4}$ sec. cor, bet. secs. 6 and 31
on N. bdy. of Tp.

Thence I run

Subdivision of fract. T 5 S., R 6 E.

Chains	S 0°03' E on a random line through the middle of sec.6.
40.00	Set temp.center $\frac{1}{4}$ sec. cor
80.04	Fall 4 lks. W of the $\frac{1}{4}$ sec. cor. bet. secs. 6 and 7. Move temp.center $\frac{1}{4}$ sec. cor. 2 lks. E.
	From the $\frac{1}{4}$ sec. cor. bet. secs.5 and 6 I run West on a random line through the middle of sec.6.
39.96	Fall 5 lks. S.of temp. center $\frac{1}{4}$ sec. cor.
79.52	Fall 2 lks. S.of the $\frac{1}{4}$ sec. cor. bet. secs. 1 and 6.on W. bdy. of Tp. (Point for center $\frac{1}{4}$ sec. cor. is therefore 4 lks.S0°05'E. of temp cor.) Thence,I run S 89°59'E.on a true line through the middle of sec. 6. Over rolling land, through open brush.
39.56	Set an iron post 26 ins. in the ground for center $\frac{1}{4}$ sec. cor.of sec. 6,with brass cap stamped C $\frac{1}{4}$ S6 1911.,from which A palo verde 10 ins. in diam. bears N48 $\frac{1}{2}$ °E.281 lks dist., mkd. C $\frac{1}{4}$ S6 BT A palo verde 6 ins. in diam.bears S43°W.190 lks. dist., mkd. C $\frac{1}{4}$ S6 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.
56.00	wash course N45°E.
61.50	Rocky ridge, bears N. and S.
79.52	(39.96) The $\frac{1}{4}$ sec. cor. bet. secs. 5 and 6. Land rolling and broken. Soil gravelly and sandy 2 nd. rate. Open growth of chaparral,sage, palo verde,palo fierro, and scattered mesquite,full distance. Returning to the $\frac{1}{4}$ sec. cor. of sec. 6 and 31 on N.bdy. of Tp.,thence I run

Subdivision of fracl. T 5 S., R 6 E.

Chains

- S $0^{\circ}05'E.$ on a true line through the middle of sec. 6.
Over rolling land, through open brush, ascending ridge.
- 18.00 Wash, course NE.
- 40.04 The center $\frac{1}{4}$ sec. cor. of sec. 6.
- 56.50 Low ridge, bears $N45^{\circ}E.$ and $S45^{\circ}W.$
- 77.00 Wash, course $N45^{\circ}E.$
- 80.04 (40.00) The $\frac{1}{4}$ sec. cor. bet. secs. 6 and 7.
Land rolling and mountainous.
Soil gravelly and rocky $\frac{3}{4}$ rd. rate.
Open brush of sage, chaparral, palo verde, palo fierro, full distance.
-
- 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.
- 109.00 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 $89^{\circ}56'W.$ on a random line through the middle of sec. 7.
- 40.00 Fall 1 lk. N. of temp. center $\frac{1}{4}$ sec. cor.
- 79.67 Fall 2 lks. N. of the $\frac{1}{4}$ sec. cor. of secs. 7 and 12 on W. bdy.
of Tp.
(Point for center $\frac{1}{4}$ sec. cor is, therefore at temp. cor.)
Thence I run
S $89^{\circ}57'E.$ on a true line through the middle of sec. 7.
Over rolling land, through brush.
- 39.67 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., from which
A palo verde 6 ins. in diam. bears $S42^{\circ}W.$ 140 lks. dist.,
mkd. C $\frac{1}{4}$ S7 BT.
Dig pits 18x18x12 ins. E, S, and W. $\frac{3}{4}$ ft. and N. of post 7 ft.

Subdivision of fracl. T 5 S., R 6 E.

Chains.

dist., and raise a mound of earth 4 ft. base, 2 ft. high
N. of cor.

79.67 (40.00) The $\frac{1}{4}$ sec. cor. bet. secs. 7 and 8.

Land gently rolling.

Soil gravelly, 2 nd. rate.

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

Returning to the $\frac{1}{4}$ sec. cor. bet. secs. 6 and 7, thence
I run

S 0°03'E. on a true line, through the middle of sec 7.

Over rolling, land, through open brush.

9.77 Wash, course N65°E.

30.27 Wash, course N85°E.

40.00 The center $\frac{1}{4}$ sec. cor. of sec. 7.

79.00 Wash, course N65°E.

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

$\frac{1}{4}$ S7 1911., from which

A palo verde 10 ins. in diam. bears N53 $\frac{3}{4}$ °W. 97 lks. dist.,
mkd. $\frac{1}{4}$ S 7 BT.

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

Land rolling and broken

Soil gravelly, 3 rd. rate.

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

January 25, 1911

GENERAL DESCRIPTION

This township consists of broken mountainous land.

The soil is stony, 3 rd. rate.

The entire township is covered with scattered brush of
palo verde, chaparral, greasewood, and palo fierro.

Subdivision of fracl. T 5 S., R 6 E.

Chains

Considerable prospecting has been done and several mining claims staked out, but none have received patents. There seems to be considerable indication of copper deposits.

The township is worthless for agriculture.

Guy P. Harrington

U.S. Surveyor.

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List of Assistants;

Earl G Harrington..... Instrumentman.

Hugh M Neighbour..... " " "

Myron E Hays..... Chainman

Archie J Strane.... " "

A.O. Stinson.... " "

E.W. Hoagland..... " "

Fred J Bergener..... Moundman

J.W. Rodgers..... " "

Mike Cavanaugh..... Axeman

John X Miller..... " "

Clifford Mc. Laughlin " "

E.L. Nye..... " "

Arthur Hicks..... " "

Louis G Hurst..... Flagman

Chas Hoebeke " "

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

I hereby certify that the survey of the subdivision lines in T. 5 S., R. 6 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. Drummond

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 4 columns: NAME, PERIOD OF SERVICE (BEGUN, ENDED), CAPACITY. The table contains multiple rows for recording assistant data.

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

U. S. Surveyor.

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BOOK 2473

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 oath 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 29, 1920

The foregoing field notes of the survey of subdivision lines in T. 5 S., R. 6 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 Tallman

~~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 the Gila River Ind. Res'n, Ariz., has been correctly copied from the original notes on file in this office.

[Signature]

[Signature]

[Signature]

~~U.S. Surveyor General~~
Commissioner of the General Land Office