

Book A

G. L. C. letter "E" April 25, 1913 2379

MAR 13 1912

# FIELD NOTES

OF THE SURVEY OF THE

BOOK 2379

North and West Boundaries of T5P. R 10 E.

Of the Glad R. Meridian,

In the State of Territory of Arizona

EXECUTED BY

William A. Elliott

In the capacity of U. S. Surveyor, under instructions dated August 25, 1910, issued by the United States Surveyor General to govern surveys included in Group No. 7, which were approved by the Commissioner of the General Land Office, Sept. 9, 1910, pursuant to authority contained in the Act of Congress dated June 25, 1910 and March 4, 1911.

Survey commenced March 18, 1911

Survey completed March 27, 1911

BOOK 2379

# INDEX DIAGRAM.

Township 5 D., Range 10 E.

	4	4	3	3	2	1
7	6	5	4	3	2	1
7	7	8	9	10	11	12
6	18	17	16	15	14	13
6	19	20	21	22	23	24
5	30	29	28	27	26	25
5	31	32	33	34	35	36
	X	A	3	4	2	X

BOOK 2379

# INDEX DIAGRAM.

Township 55., Range 10E.

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page \_\_\_\_\_

PRELIMINARY OATHS OF ASSISTANTS.

WE, Walter S. Ingalls and Wallace R. Bond  
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the East-boundary and resurvey of the West and North boundary T. 5 S., R. 10 E.

Walter S. Ingalls, Chairman.  
Wallace R. Bond, Chairman.

Subscribed and sworn to before me this 8<sup>th</sup>  
day of March, 1911



Geo W. Muntz  
Notary Public

WE, Albert Smith and \_\_\_\_\_  
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of the East-boundary and resurvey of the West and North boundary T. 5 S., R. 10 E.

Albert Smith, Moundman.  
\_\_\_\_\_, Moundman.

Subscribed and sworn to before me this 8<sup>th</sup>  
day of March, 1911



Geo W. Muntz  
Notary Public

WE, \_\_\_\_\_ and \_\_\_\_\_  
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of \_\_\_\_\_

\_\_\_\_\_, Axman.  
\_\_\_\_\_, Axman.

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 19\_\_\_\_



I, John J. Haggard, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of the East-boundary and resurvey of the West and North boundary T. 5 S., R. 10 E.

John J. Haggard, Flagman.

Subscribed and sworn to before me this 8<sup>th</sup>  
day of March, 1911



Geo W. Muntz  
Notary Public

## Resurvey of the South Bdy. of Township 4 South, Range 10 E. 1.

Chains.

The determination of the cor. of Ts. 4 & 5 S., Rs. 9 & 10 E.

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A point in a ditch at the N. edge of bridge has been used as the cor. for many years. From this point I run east but find no signs of old cors. for a distance of 6 miles, there finding the corner of Ts. 4 and 5 S., Rs. 10 and 11 E., plainly marked and firmly set 2 chs. S. of my point for 6 miles.

After careful search and failing to find any trace of corners for a distance of 6 miles N., 5 miles S., or 3 miles W. of point in ditch, and this point being in the proper place as per field notes showing the location of claims of Blair Hill D'Armes, in secs. 36 and 31, I assume this as the proper cor. for Ts. 4 and 5 S., Rs. 9 and 10 E. As the point falls in an irrigating ditch, and liable to be destroyed in cleaning or enlarging the ditch, I set a W.C. 42 lks. E. of the point for true cor. as follows:

Set a charred mesquite post,  $3\frac{1}{2}$  ft. long, 4 ins. sq., 30 ins. in the ground, with quart of charcoal, scribed,

W C T 4 S S 31 on NE.;

R 10 E S 6 on SE.,

T 5 S S 1 on SW., and

R. 9 E S 36 on NW. face, with 6 notches on each edge.

As pits would be in the line of travel, I dispense with same.

A mesquite tree 10 ins. in diam., bears S.  $2^{\circ}15'W$ . 46 lks. dist., scribed W C T 5 S R 10 E S 6 B T.

The steeple on the court house in Florence bears N.  $84^{\circ}49'W$ .

The flag pole on school house in Florence bears N.  $72^{\circ}04'W$ .

W. end of Superstition Mountains bears N.  $11^{\circ}18'W$ .

Monument on Poston Hill bears S.  $53^{\circ}28'W$ .

S. edge of S. one of Gila buttes, bears N.  $71^{\circ}31'E$ .

SE. cor. of Administration Bldg. at penitentiary brs. S.  $36^{\circ}29'W$ .

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Survey commenced March 18, 1911, and executed with a Young and Sons' solar transit No. 8480. The instrument was examined on the true meridian, at Phoenix, March 6, 1911, tested and found correct. I further test the instrument at camp, which is located in the W. central part of sec. 6, this township, as follows:

At 4h. p.m., l.m.t., March 18, at station, I set off  $33^{\circ}01\frac{1}{2}'$  N. on the lat. arc;  $1^{\circ}04\frac{1}{2}'S$ . on the decl. arc, and mark the meridian thus determined with the solar, by a tack driven in a stake, firmly driven in the ground 5 chs. N. of my station.

At 7h. 42m. p.m., l.m.t., at station, I observe Polaris at Western elongation, in accordance with instructions in the Manual, and mark the line thus determined, by a tack driven in a wooden peg, set in the ground, 5 chs. N. of my station.

March 19: At 6h. 30m. a.m., l.m.t., I lay off the angle of Polaris,  $1^{\circ}23\frac{1}{2}'E$ ., and mark the meridian thus determined by a tack in the stake set last evening, on which the meridian falls 0.2" W. of mark determined by the solar.

At 7h. a.m., l.m.t., I set off  $33^{\circ}01\frac{1}{2}'N$ . on the lat. arc;  $0^{\circ}48'S$ . on the decl. arc, and mark the meridian thus determined with the solar, by a tack driven in a stake already set, 5 chs. N. of my station; this mark falls 0.3 ins. W. of meridian established by Polaris observation. The solar apparatus by p.m. and a.m. observations

## 2. Resurvey South bdy. of Township 4 South Range 10 East.

Chains.

defines positions for meridian about  $0^{\circ}16'W$ , and  $0^{\circ}11'$  E. of the meridian established by Polaris observation; therefore, I conclude that the adjustments of the instrument are satisfactory. The magnetic bearing of the meridian at 7h.a.m. is  $N.13^{\circ}47'W$ ; the angle thus determined gives the mag. decl. as  $13^{\circ}47'E$ .

March 21: At the true point for the cor. of Tps. 4 and 5 S., Rs. 9 and 10 E., hereinbefore described, at 7h. 30m., a.m., l.m.t., I set off  $33^{\circ}02'N$  on the lat. arc;  $0^{\circ}1'S$  on the decl. arc, and determine a true meridian with the solar.

Thence I run,

East, on a random line, but am unable to find any of the old sec. or  $\frac{1}{4}$  sec. cors.

At 6 miles, the cor. of Tps. 4 and 5 S., Rs. 10 and 11 E., marked and witnessed as described by the Surveyor General, brs. S 2.00 chs.

Thence I run,

$N.89^{\circ}46'W$ , on the S. bdy. of sec. 36.

Over rolling land, through dense brush.

8.20 Wash, 18 lks. wide, course NW.

40.00 Set a charred ironwood post 3 ft. long, 3 ins. sq., 24 ins. in the ground for  $\frac{1}{4}$  sec. cor., scribed  $\frac{1}{4}$  S 36 on N. face; dig pits  $18 \times 18 \times 12$  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.

43.25 Trail, NW. and SE.

48.95 Wash, 100 lks. wide, course SW.

57.85 Same wash, course  $N.80^{\circ}W$ .

79.00 Wash, 100 lks. wide, course NW.

80.00 Set a charred ironwood post,  $3\frac{1}{2}$  ft. long, 4 ins. square, 30 ins. in the ground for cor. of secs. 35 and 36, E. 4 S., R 10 E., scribed  
T 4 S S 36 on NE., and  
R 10 E S 35 on NW. face, with 1 notch on E., and 5 notches on W. edges; dig pits  $24 \times 24 \times 12$  ins. in each sec. 6 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Land, rolling.

Soil, a very shallow gravelly loam, 3rd rate.

Timber, ironwood and palo verde. Greasewood brush.

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At this cor. at 12h. 8m. a.m., l.m.t., I set off  $0^{\circ}2'N$  on the decl. arc, and observe the sun on the meridian; the resulting lat. is  $33^{\circ}02'N$ .  
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$N.89^{\circ}46'W$  on the S. bdy. of sec. 35.

Over rolling land, through thick brush.

17.90 Wash, 40 lks. wide, course NW.

38.00 Wash, 40 lks. wide, course NW.

40.00 Set a charred ironwood post, 3 ft. long, 4 ins. sq., 24 ins. in the ground, with quart of charcoal, for  $\frac{1}{4}$  sec. cor., scribed  $\frac{1}{4}$  S 35 on N. face; dig pits  $18 \times 18 \times 12$  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.

71.15 Wash, 25 lks. wide, course NW.

80.00 Set a charred ironwood post; 3 ft. long, 5 ins. square, 24 ins. in the ground, with quart of charcoal for cor. of secs. 34 and 35, scribed,  
T 4 S S 35 on NE., and  
R 10 E S 34 on NW. face, with 2 notches on E. and 4 notches on W. edge; dig pits  $24 \times 24 \times 12$  ins. in each sec. 6 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Land, rolling.

Soil, 6 ins. of gravelly loam to hard pan, 3rd rate.

Timber, ironwood and palo verde.

## Resurvey of South Edy. of Township 4 South, Range 10 East.

Chains

Greasewood brush.

March 21, 1911.

March 22: At 8 a.m., I set off  $0^{\circ}23'N.$  on the decl. arc;  $33^{\circ}02'N.$  on the lat. arc, and observe the sun on the meridian.

Thence I run,

$N.89^{\circ}46'W.$  on S. bdy. sec. 34.

Over rolling land, through thick brush.

10.65 Wash, 100 lks. wide, course NW.

20.25 Wash, 50 lks. wide, course  $N.10^{\circ}E.$

30.90 Wash, 100 lks. wide, course  $N.10^{\circ}E.$

40.00 Set a charred ironwood post 3 ft. long, 3 ins. sq., 24 ins. in the ground, with quart of charcoal for  $\frac{1}{4}$  sec. cor., scribed,

$\frac{1}{4}$  S 34 on N. face; 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.

45.60 Wash, 100 lks. wide, course  $N.10^{\circ}E.$

60.40 Wash, 80 lks. wide, course N.

80.00 Set a charred ironwood post  $3\frac{1}{2}$  ft. long, 4 ins. sq., 30 ins. in the ground, with quart of charcoal, for cor. of secs. 33 and 34, T 4 S, R 10 E, scribed, T 4 S, S 34 on NE., and R 10 E S 33 on NW. face, with 3 notches on E. and W. edges.

An ironwood tree, 12 ins. in diam., brs.  $N.68^{\circ}30'W.$

63 lks. dist., scribed T 4 S R 10 E S 33 B T.

No other tree available. Dig pits 24x24x12 ins.

in each sec. 6 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Land, rolling.

Soil, 6 ins. gravelly loam to hardpan; 3rd rate.

Timber, ironwood and palo verde.

Greasewood brush.

$N.89^{\circ}46'W.$  on S. bdy. sec. 33.

Over rolling land, through thick brush.

30.80 Wash, 40 lks. wide, course NW.

40.00 Set a charred ironwood post, 3 ft. long, 4 ins. square, 24 ins. in the ground for  $\frac{1}{4}$  sec. cor., scribed  $\frac{1}{4}$  S 33 on N. face; 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.

50.55 Wash, 30 lks. wide, course NW.

61.80 Wash, 40 lks. wide, course NW.

69.40 Road to Kelvin and Mammoth,  $N.80^{\circ}W.$  and  $S.80^{\circ}E.$

80.00 Set a charred ironwood post  $3\frac{1}{2}$  ft. long, 4 ins. sq., 30 ins. in the ground, with quart of charcoal, for cor. of secs. 32 and 33, T 4 S, R 10 E, scribed, T 4 S S 33 on NE. face, and R 10 E S 32 on NW. face, with 4 notches on E. and 2 notches on W. edge; dig pits 24x24x12 ins. in each sec. 6 ft. dist., and raise a mound of earth 4 ft. base and 2 ft. high, N. of cor.

Land, rolling.

Soil, gravelly loam, 2nd rate.

Timber, ironwood and palo verde.

Greasewood brush.

At this cor. at 12h. 7m. p.m., l.m.t., I set off  $0^{\circ}26'N.$  on the decl. arc; and observe the sun on the meridian; the resulting lat. is  $33^{\circ}02'N.$

4. Resurvey South Bdy. of Township 4 South, Range 10 East.

Chains.

N.89°46'W. on S.bdy.sec.32.  
 Over rolling land, through thick brush.  
 5.80 Road, NW.and SE.  
 23.35 Wash, 40 lks.wide, course NW.  
 40.00 Set a charred ironwood post 3 ft.long, 4 ins.square, 24  
 ins. in the ground, with quart of charcoal, for  $\frac{1}{4}$  sec.  
 cor., scribed  $\frac{1}{4}$  S 32 on N.face; 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.  
 60.00 Wash, 100 lks.wide, course NW.  
 66.40 Wash, 50 lks.wide, course NW.  
 80.00 Set a charred ironwood post  $3\frac{1}{2}$  ft. long, 4 ins. in diam.,  
 24 ins. in the ground, with quart of charcoal for  
 cor.of secs. 31 and 32, T 4 S R 10 E., scribed,  
 T 4 S S 32 on NE., and  
 R 10 E S 31 on NW. faces; with 5 notches on E. and  
 1 notch on W.edge; dig pits 24x24x12 ins. in each  
 sec.6 ft. dist., and raise a mound of earth 4 ft. base,  
 2 ft. high, N, of cor.  
 Land, rolling.  
 Soil, gravelly loam, 2nd rate.  
 Timber, mesquite, ironwood and palo verde.  
 Greasewood brush.

N.89°46'W. on S.bdy.sec. 31.  
 Over rolling land, through thick brush.  
 2.00 Wash, 100 lks.wide, course NW.  
 40.00 Set a charred ironwood post, 3 ft. long, 4 ins. in diam.,  
 24 ins. in the ground for  $\frac{1}{4}$  sec.cor., scribed  
 $\frac{1}{4}$  S 31 on N.face; 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.  
 47.05 Ditch, S. 42°15' W.  
 48.90 Road, N.42°15' W., and S.42° 15'E.  
 76.80 Ditch, course S.  
 79.58 Witness corner of Tps. 4 and 5 S., Rs.9 and 10 E., herein-  
 before described.  
 80.00 True point for cor. of Ts. 4 and 5 S., Rs.9 and 10 E.  
 Land, nearly level.  
 Soil, gravelly loam; 2nd rate.  
 Timber, mesquite, ironwood and palo verde.  
 Greasewood brush.

March 22, 1911.



Resurvey of the West Bdy. Township 5 South, Range 10 East. 5.  
Chains.

March 23, 1911: At 7h.a.m., l.m.t., I set off 33°02'N. on the lat.arc; 0°46½'N. on the decl.arc, and determine a true meridian with the solar at the true point for the cor.of Tps.4 and 5 S., Rs.9 and 10 E.heretofore described.

Thence I run, South, on a random line, setting temp. ¼ sec. and sec.cors. at 40 chs. and 80 chs. respectively. After careful search along the line, I fail to find any trace of cors. At 6m. 2 chs., the Std.cor. of Ts.5 S., Rs.9 and 10 E. brs. 7 chs. west, said corner post being badly decayed, but the pits and marks on post are plainly discernible. I reestablish the corner in the same place by setting a charred ironwood post 3½ ft.long, 4 ins.sq., 30 ins. in the ground, for Std. cor. of Ts. 5 S., Rs.9 and 10 E., scribed,

S C T 5 S on N.,  
R 10 E, S 31 on E., and  
R 9 E S 36 on W.face, with 6 notches on N., E. and W. faces; dig pits, 30x24x12 ins. crosswise on each line, E.and W. 4 ft., and N.of post 8 ft. dist.; raise a mound of earth 5 ft.base, 2½ ft. high, N.of cor.

March 23, 1911.

March 24: At 7h. 30m. a.m., l.m.t., I set off 32°56½'N. on the lat.arc; 1°10'N. on the decl.arc, and determine a true meridian with the solar at the cor.of Ts.5 S., Rs. 9 and 10 E.

Thence I run, N.0°50'E., on a true line, bet. secs.31 and 36. Var.13°47'E.

Over level land, through thick brush.

40.16½ Set a charred ironwood post, 3 ft. long, 4 ins.square, 24 ins. in the ground, for ¼ sec.cor., scribed, ¼ S 31 on W., and S 36 on E.face; dig pits 18x18x12 ins. N.and S.of post 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W.of cor.

79.00 Wash, 100 lks.wide, course NW.

80.33 Set a charred ironwood post, 3½ ft. long, 4 ins. sq., 30 ins. in the ground, for cor.of secs.25,30,31 and 36, scribed, T 5 S S 30 in NE., R 10 E S 31 in SE., S 36 in SW., and R 9 E S 25 on NW.face, with 5 notches on N. and 1 notch on S.edge; dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W.of cor.

Land, level.  
Soil, gravelly loam, 2nd rate.  
Mesquite, ironwood and palo verde.  
Greasewood brush.

N.0°50'E., bet. secs.25 and 30.

Over level land, through thick brush.

40.16½ Set a charred mesquite post, 3 ft. long, 4 ins.sq., 24 i ins. in the ground for ¼ sec.cor., scribed ¼ S 25 on W., and S 30 on E.face; dig pits 18x18x12 ins. N.and S.of post 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W.of cor.

43.25 Wash, 1 ch. wide, course N.80°W.

53.00 Road, Florence to Tucson, brs. N.15°W. and S.15° E.

80.33 Set a charred ironwood post 3½ ft. long, 4 ins.sq., 30

## 6. Resurvey West bdy. of Township 5 South. Range 10 East.

Chains.

ins. in the ground for cor. of secs. 19, 24, 25 and 30, scribed,  
 T 5 S, S 19 in NE.,  
 R 10 E S 30 in SE.,  
 S 25 in SW., and  
 R 9 E S 24 in NW. face, with 4 notches in N. and 2 notches on S. edges; dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

An ironwood tree, 14 ins. in diam., bears N. 78° E., 45 lks. dist., scribed T 5 S R. 10 E S 19 B T.  
 An ironwood tree, 12 ins. in diam., bears N. 74° W., 176 lks. dist., scribed T 5 S R 9 E S 24 B T.

Land, level.

Soil, gravelly loam; 2nd rate.

Mesquite, ironwood and palo verde.

Greasewood brush.

- N. 0° 50' E., bet. secs. 19 and 24.  
 Over level land, through thick brush.
- 13.30 Road, brs. NW. and SE.  
 40.16½ Set a charred mesquite post, 3 ft. long, 4 ins. sq., 24 ins. in the ground for ¼ sec. cor., scribed  
 ¼ S 24 in W., and  
 S 19 on E. face; dig pits 18x18x12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.
- 80.33 Set a charred mesquite post 3½ ft. long, 4 ins. sq., 30 ins. in the ground for cor. of secs. 13, 18, 19 and 24, scribed  
 T 5 S S 18 in NE.,  
 R 10 E S 19 in SE.,  
 S 24 in SW. and  
 R 9 E S 13 on NW. face, with 3 notches on N. and 3 notches on S. edges; dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
- Land, level.  
 Soil, gravelly loam, 2nd rate.  
 Ironwood, mesquite and palo verde timber. Greasewood brush.
- At this cor. I set off 1° 13½' N. on the lat. arc, and at 12h. 6½m., I observe the sun on the meridian; the resulting lat. is 32° 59' N.

- N. 0° 50' E., bet. secs. 13 and 18.  
 Over level land, through thick brush.
- 8.90 Road, NW. and SE.  
 40.16½ Set a charred mesquite post, 3 ft. long, 4 ins. sq., 24 ins. in the ground for ¼ sec. cor., scribed,  
 ¼ S 13 on W., and  
 S 18 on E. face; dig pits 18x18x12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 40.80 Wash, 70 lks. wide, course NW.  
 62.35 Road, NW. and SE.  
 80.33 Set a charred mesquite post, 3½ ft. long, 4 ins. sq., 30 ins. in the ground for cor. of secs. 7, 12, 13 and 18, scribed,  
 T 5 S S 7 on NE.,  
 R 10 E S 18 on SE.,  
 S 13 on SW., and  
 R 9 E S 12 on NW. face; with 2 notches on N. and 4 notches on S. edges; dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
- Land, level.

Resurvey of West bdy. Township 5 South, Range 10 East.

7.

Chains.

Soil, gravelly loam, 2nd rate.  
Ironwood, mesquite and palo verde.  
Greasewood brush.

- 1.40 N.0°50'E., bet. secs.7 and 12.  
Road, brs.NW.and SE.
- 3.98 Telephone line, brs.NW. and SE.
- 40.16½ Set a charred screw bean post, 3 ft. long, 4 ins.sq., 24 ins. in the ground for ¼ sec.cor., scribed, ¼ S 12 on W., and S 7 on E.face; dig pits 18x18x12 ins. N.and S.of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high,W.of cor.
- 80.33 Set a charred mesquite post,3½ ft. long, 4 ins. sq.,30 ins. in the ground for cor.of secs.1,6,7 and 12,scribed, T 5 S S 6 on NE., R 10 E S 7 on SE., S 12 on SW., and R 9 E, S 1 on NW.face, with 1 notch on N. and 5 notches on S.edges; dig pits 18x18x12 ins. in each sec.5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W.of cor.
- Land, level.  
Soil, gravelly loam, 2nd rate.  
Mesquite, ironwood and palo verde.  
Greasewood brush.

- N.0°50' E., bet. secs. 1 and 6.  
Over level land, through thick brush.
- 30.90 Ditch, flows SW.
- 40.16½ Set a charred mesquite post, 3 ft. long, 4 ins. sq., 24 ins. in the ground for ¼ sec.cor., scribed ¼ S 1 on W., and S 6 on E.face; dig pits 18x18x12 ins. N.and S.of post 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high,W.of cor.
- 80.33 The true point for the cor. of Ts.4 and 5 S., Rs.9 and 10 E., heretofore described.
- Land, slightly rolling.  
Soil, gravelly loam, 2nd rate.  
Mesquite and ironwood.  
Greasewood brush.

March 24, 1911.

GENERAL DESCRIPTION.

North Boundary: The east part of this line is cut by many ridges trending to the NW., and covered with a growth of palo verde, ironwood and mesquite, and greasewood brush. The soil is a gravelly loam, mixed with many rocks, 4th rate.

The west part is nearly level, with the same character of vegetation, and also a fairly good crop of forage grass in the rainy season.

The west boundary is nearly level, with drainage to the NW., and produces a good forage grass in the wet season. Palo verde, ironwood and mesquite with greasewood brush. The only water on this land is what was in the canal.

*William H. Elliott*  
U. S. Surveyor.

LIST OF NAMES.

A list of the names of the individuals employed by William H. Elliott

, United States ~~Deputy~~ Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of *the East*

*boundary and resurvey of the West and North boundary T. 5 S., R. 10 E.* showing the respective capacities in which they acted:

- Walter S. Ingalls, Chainman.
- Wallace R. Bond, Chainman.
- Albert Smith, Moundman.
- , Moundman.
- , Axman.
- , Axman.
- John J. Haggard, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted William H. Elliott

, United States ~~Deputy~~ Surveyor, in surveying all those parts or portions of the *East boundary and resurvey of the West and North boundaries T. 5 S., R. 10 E.*

of the *T. 5 S., R. 10 E.* meridian, *Trinity* of *Oregon*, which are represented in the foregoing field notes as having been surveyed 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 surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for *Oregon*

- Walter S. Ingalls*, Chainman.
- Wallace R. Bond*, Chainman.
- Albert K. Smith*, Moundman.
- , Moundman.
- , Axman.
- , Axman.
- , Flagman.

Subscribed and sworn to before me this *21st* day of *Sept*, 19*11*

*Geo W Mints*  
Notary Public



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, William H. Elliott United States ~~Deputy~~ Surveyor, do solemnly swear that, in pursuance of <sup>instructions</sup> a contract received from Frank S. Ingalls United States Surveyor General for Arizona, bearing date of the August 25, 1910 ~~and March 11, 1911~~, 1911, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Arizona, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of North, East and West Boundaries T. 5 S., R. 10 E.

of the G. S. R. meridian, in the County of Arizona, which are represented in the foregoing field notes as having been surveyed 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 United States Surveyor General for Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

William H. Elliott  
United States ~~Deputy~~ Surveyor.

Subscribed by said William H. Elliott and sworn to before me }  
this 28th day of October, 1911



Frank S. Ingalls  
United States Surveyor General

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Re  
The foregoing field notes of the survey of the North and West Boundaries of T. 5 S., R. 10 E., G. S. R. Meridian, Arizona,

executed by William H. Elliott under his ~~contract~~ No. 2, dated August 25, 1910, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank S. Ingalls  
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, has been correctly copied from the original notes on file in this office.

\_\_\_\_\_  
United States Surveyor General.