

2245

Book D.

BOOK 2245

# FIELD NOTES

OF THE SURVEY OF THE

Subdivision lines of Tp. 8 N. Rg. 2 E.

2245

2245

Of the Gila and Salt River Meridian,

Territory of Arizona.

AS SURVEYED BY

Alfred N. Oliver, United States Deputy Surveyor,

Under his Contract No. 161, dated January 5, 1910., 190

Survey commenced June 2, 1910., 190

Survey completed June 4, 1910, 190

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JUL 25 1910 2245

Accepted G. L. O. letter 2-1  
July 27, 1912.

707  
1A

NAMES AND DUTIES OF ASSISTANTS.

BOOK 2245

Len Hall

Chainman

A. E. Lyon

Chainman

H. T. Hartwell

Axman

R. A. Coombs

Flagman

748

1B

BOOK 2245

INDEX DIAGRAM.

Township 8 N., Range 2 E

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BOOK 2245

PRELIMINARY OATHS OF ASSISTANTS.

WE, Len Hall and A. E. Lyon  
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 subdivision lines of Tp. 8 N. Rg. 2 E.

Len Hall, Chainman.  
A. E. Lyon, Chainman.

Subscribed and sworn to before me this 2nd.  
day of June, 1910., 190



Alfred N. Oliver  
U.S. Deputy Surveyor

WE, \_\_\_\_\_ 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 \_\_\_\_\_

\_\_\_\_\_, Moundman.  
\_\_\_\_\_, Moundman.

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 190



WE, I, H. T. Hartwell 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 me to the best of my skill and ability, in the survey of the subdivision lines of Tp. 8 N. Rg. 2 E.

H. T. Hartwell, Axman.  
\_\_\_\_\_, Axman.

Subscribed and sworn to before me this 2nd.  
day of June, 1910, 190



Alfred N. Oliver  
U.S. Deputy Surveyor

I, R. A. Coombs, 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 subdivision lines of Tp. 8 N. Rg. 2 E.

R. A. Coombs, Flagman.

Subscribed and sworn to before me this 2nd.  
day of June, 1910, 190



Alfred N. Oliver  
U.S. Deputy Surveyor

No notary available without loss of time and great expense.

Subdivision of Tp. 8 N, Rg. 2 E.

Chains.

Survey commenced June 2, 1910, and executed with an A. Lietz Co. light mountain transit, No. 5631, with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs. the instrument was examined, tested on the true meridian at Phoenix, found correct, and was approved by the surveyor general for Arizona

I examine the adjustments of the transit, and find them correct; then, to test the solar apparatus, by comparing its indications, resulting from solar observations made during a.m., and p.m., hours, with a meridian determined by observations on Polaris, I proceed as follows:  
At the cor. of secs. 1, 6, 7 and 12 on the E. bdy. of the township, which has been previously described; latitude  $34^{\circ} 03\frac{1}{2}'$  N., longitude  $112^{\circ} 05' 52''$  W.; I set off  $34^{\circ} 03\frac{1}{2}'$  N. on the lat. arc;  $22^{\circ} 12'$  N. on the decl. arc; and at 5h. 00m. p.m., l.m.t., determine with the solar a meridian and mark a point thereof, on a stone firmly set in the ground, 5 chs. N. of the cor.

June 2, 1910

June 3: At 2h. 47m. a.m. by my watch, which has correct l.m.t., I observe Polaris at eastern elongation, in accordance with Manual of Instructions, and mark a point in the line thus determined, on a peg driven in the ground, 5 chs. N. of my station.

At 6 a.m., l.m.t., I lay off the azimuth of Polaris,  $1^{\circ} 25'$  to the west, and mark the meridian thus determined by cutting a small groove in the stone set June 2, on which the meridian coincides with the mark determined by the solar.

At 7h. 00m. a.m., l.m.t., I set off  $34^{\circ} 03\frac{1}{2}'$  N. on the lat. arc;  $22^{\circ} 16\frac{1}{2}'$  N. on the decl. arc; and mark a point in the meridian determined with the solar, by a cross on the stone already set 5 chs. N. of my station; this mark coincides with the meridian established by the Polaris observation.

The solar apparatus, by p.m., and a.m., observations defines positions for meridians, respectively, which coincide with the meridian established by the Polaris observation; Therefore, I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian, at 7h. 15m. a.m., is N.  $14^{\circ} 30'$  W.; the angle thus determined gives the mag. decl.  $14^{\circ} 30'$  E.

From the cor. of secs. 1, 6, 7 and 12 on the E. boundary of the township

I now run

West bet. secs. 1 and 12

Descending along N. W. slope, over loose rocks, through dense brush.

24.00  
27.00  
40.00  
  
  
49.65  
58.20  
61.70  
66.00  
77.50

Cross drain 6 lks. wide course N. W.  
Cross drain 7 lks. wide course N. W.  
Set a malpais stone 20 x 8 x 6 ins. 15 ins. in the ground for  $\frac{1}{4}$  sec. cor.; marked  $\frac{1}{4}$  on N. face; from which  
A mesquite 7 ins. diam., bears S.  $20\frac{1}{2}^{\circ}$  E. 134  
lks. dist., marked  $\frac{1}{4}$  S12BT.  
A paloverde 5 ins. diam., bears N.  $55\frac{1}{4}^{\circ}$  W. 190  
lks. dist., marked  $\frac{1}{4}$  S1BT.  
Cross wash 25 lks. wide course N. W.  
Cross wash 20 lks. wide course N. W. ascend.  
Cross wash 75 lks. wide course N.  
Ridge bears N. W. and S. E.  
Cross drain 7 lks. wide course N. W.

## Subdivision of Tp. 8 N. Rg. 2 E.

Chains  
80.00

Set a malpais stone 20 x 10 x 10 ins. 15 ins. in the ground for cor. of secs. 1, 2, 11 and 12, marked with 5 notches on S. and 1 notch on E. edges; from which

A mesquite 6 ins. diam., bears N.  $12\frac{1}{4}^{\circ}$  E. 144 lks. dist., marked T8NR2ES1BT

A mesquite 6 ins. diam., bears S.  $27\frac{1}{2}^{\circ}$  E. 73 lks. dist., marked T8NR2ES12BT.

A paloverde 4 ins. diam., bears S.  $59\frac{1}{4}^{\circ}$  W. 98 lks. dist., marked T8NR2ES11BT.

A mesquite 4 ins. diam., bears N.  $17\frac{3}{4}^{\circ}$  W. 160 lks. dist., marked T8NR2ES2BT.

Land, mountainous and rolling and covered with loose rocks.

Soil, rocky; 4th. rate.

No timber.

Undergrowth, greasewood, paloverde and mesquite.

Mountainous land and land covered with dense undergrowth and loose rocks, exceptionally difficult to survey 80.00 chs.

N.  $0^{\circ}$  01' W. bet. secs. 1 and 2

Over rolling land, covered with loose rocks, through dense brush.

8.40 Cross drain 7 lks. wide course N. W.

10.60 Cross wash 35 lks. wide course N. W.

14.00 Cross wash 15 lks. wide course S. W.

23.00 Ridge bears E. and W.

38.00 Cross wash 50 lks. wide course W.

40.00 Set a malpais stone 18 x 10 x 4 ins. 12 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on W. face; from which

A paloverde 5 ins. diam., bears S.  $13\frac{1}{2}^{\circ}$  E. 35 lks. dist., marked  $\frac{1}{4}$ S1BT.

A paloverde 5 ins. diam., bears N.  $30\frac{3}{4}^{\circ}$  W. 125 lks. dist., marked  $\frac{1}{4}$ S2BT.

49.00 Cross wash 30 lks. wide course N. W.

58.71 Intersect Second Standard Parallel North 5.19 chs. W. of the standard cor. of secs. 35 and 36, and set a malpais stone 20 x 10 x 12 ins. 15 ins. in the ground for closing cor. of secs. 1 and 2, marked CC on S. with 1 groove on E. and 5 grooves on W. faces; and raise a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high, S. of cor. Pits impracticable.

Land, rolling and covered with loose rocks.

Soil, rocky; 4th. rate.

No timber.

Undergrowth, greasewood, paloverde and mesquite.

Land covered with dense undergrowth and loose rocks, exceptionally difficult to survey 58.71 chs.

June 3: At this cor. I set off  $22^{\circ} 17'$  N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is  $34^{\circ} 04\frac{1}{2}'$  N.

West bet. secs. 2 and 11

Over rolling land through dense brush, over loose rocks.

12.60 Cross wash 25 lks. wide course N. W.

17.10 Cross wash 15 lks. wide course N. W.

23.20 Cross wash 15 lks. wide course N. W.

27.00 Cross wash 30 lks. wide course N. W.

31.00 Ridge bears N. and S.

40.00 Set a malpais stone 20 x 8 x 8 ins. 15 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face; from which

A paloverde 6 ins. diam., bears N.  $23\frac{1}{2}^{\circ}$  E. 146 lks. dist., marked  $\frac{1}{4}$ S2BT.

A paloverde 4 ins. diam., bears S.  $12\frac{3}{4}^{\circ}$  E. 52 lks. dist., marked  $\frac{1}{4}$ S11BT.

43.20 Cross wash 25 lks. wide course N.

## Subdivision of Tp. 8 N. Rg. 2 E.

Chains.	
51.30	Cross ridge bears N. and S.
78.50	Ridge bears N. and S.
80.00	Set a malpais stone 20 x 8 x 4 ins. 15 ins. in the ground for cor. of secs. 2, 3, 10 and 11, marked with 5 notches on S. and 2 notches on E. edges; from which A mesquite 6 ins. diam., bears N. $47\frac{1}{4}^{\circ}$ E. 123 lks. dist., marked T8NR2ES2BT. A mesquite 4 ins. diam., bears N. $58^{\circ}$ W. 85 lks. dist., marked T8NR2ES3BT. No other bearings available. Raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, rolling and covered with loose rocks. Soil, rocky; 4th. rate. No timber. Undergrowth, mesquite, paloverde and greasewood. Land covered with dense undergrowth and loose rocks; exceptionally difficult to survey 80.00 chs.
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	N. $0^{\circ} 01'$ W. bet. secs. 2 and 3 Over level land covered with loose rocks, through dense brush.
7.00	Descend N. E. slope.
34.80	Cross wash 30 lks. wide course N. W.
40.00	Set a granite stone 18 x 8 x 6 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; from which A mesquite 8 ins. diam., bears N. $12\frac{3}{4}^{\circ}$ W. 109 lks. dist., marked $\frac{1}{4}$ S3BT. A mesquite 6 ins. diam., bears S. $41\frac{1}{2}^{\circ}$ E. 229 lks. dist., marked $\frac{1}{4}$ S2BT.
	Windmill bears N. $51^{\circ} 38'$ W. from $\frac{1}{4}$ sec. cor.
41.80	Cross wash 20 lks. wide course N. W. ascend.
47.00	Ridge bears E. and W. descend.
58.78	Intersect Second Standard Parallel North 5.13 chs. W. of the standard cor. of secs. 34 and 35, and set a malpais stone 18 x 8 x 5 ins. 12 ins. in the ground for closing cor. of secs. 2 and 3, marked CC on S. with 2 grooves on E. and 4 grooves on W. faces; from which A mesquite 4 ins. diam., bears S. $53\frac{3}{4}^{\circ}$ E. 180 lks. dist., marked CCT8NR2ES2BT. A mesquite 4 ins. diam., bears S. $30^{\circ}$ W. 124 lks. dist., marked CCT8NR2ES3BT. From this cor. windmill bears S. $84^{\circ} 40'$ W. Land, rolling and mountainous, and covered with loose rocks. Soil, rocky; 4th. rate. No timber. Undergrowth, mesquite, greasewood and paloverde. Mountainous alnd and land covered with dense undergrowth and loose rocks, exceptionally difficult to survey 58.78 chs.
	June 3, 1910.
	<hr/>
	June 4: At 7h. 00m. a.m., l.m.t., I set off $34^{\circ} 03\frac{1}{2}'$ N. on the lat. arc; $22^{\circ} 24'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 2, 3, 10 and 11 Thence I run West bet, secs. 3 and 10
23.25	Descending over loose rocks, through dense undergrowth. Cross wash 20 lks. wide course N. W. and over rolling land.
35.80	Road Phoenix to Prescott bears N. E. and S. W.
40.00	Set a malpais stone 20 x 8 x 4 ins. 15 ins. in the

Subdivision of Tp. 8 N. Rg. 2 E.

Chains.	ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; from which A paloverde 6 ins. diam., bears N. $17^{\circ}$ E. 74 lks. dist., marked $\frac{1}{4}$ S3BT. A paloverde 8 ins diam., bears S. $51\frac{3}{4}^{\circ}$ W. 56 lks. dist., marked $\frac{1}{4}$ S10BT.
46.70	Cross wash 20 lks. wide course N. E.
51.10	Cross wash 20 lks. wide course N. E.
54.10	Cross road bears N. W. and S. E.
72.00	Ridge bears N. and S.
80.00	Set a malpais stone 20 x 8 x 8 ins. 15 ins. in the ground for cor. of secs. 3, 4, 9 and 10, marked with 5 notches on S. and 3 notches on E. edges; from which A paloverde 6 ins. diam., bears N. $19\frac{1}{4}^{\circ}$ E. 59 lks. dist., marked T8NR2ES3BT. A mesquite 10 ins. diam., bears S. $23\frac{1}{4}^{\circ}$ E. 176 lks. dist., marked T8NR2ES10BT. A mesquite 5 ins. diam., bears S. $60\frac{1}{2}^{\circ}$ W. 152 lks. dist., marked T8NR2ES9BT. A mesquite 5 ins. diam., bears N. $36\frac{1}{4}^{\circ}$ W. 198 lks. dist., marked T8NR2ES4BT. Land, mountainous and rolling and covered with loose rocks. Soil, rocky; 4th. rate. No timber. Undergrowth, greasewood, paloverde and mesquite. Mountainous land and land covered with dense undergrowth and loose rocks, exceptionally difficult to survey 80.00 chs.
20.00	N. $0^{\circ}$ $02'$ W. bet. secs. 3 and 4. Descending over loose rocks, through dense brush. Cross wash 20 lks. wide course S. W. and over rolling land.
29.60	Cross road bears N. E. and S. W.
39.73	Cross road bears N. W. and S. E.
40.00	Set a malpais stone 20 x 6 x 4 ins. 15 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; from which A paloverde 4 ins. diam. bears N. $81^{\circ}$ W. 99 lks. dist., marked $\frac{1}{4}$ S4BT. A paloverde 4 ins. diam., bears S. $59\frac{1}{4}^{\circ}$ E. 170 lks. dist., marked $\frac{1}{4}$ S3BT.
48.10	Wright's house bears S. $86^{\circ}$ $10'$ W.
51.80	Left bank of Agua Fria River dry. course W.
55.00	Right bank of Agua Fria River.
55.45	Cross fence bears E. and W.
58.64	Intersect Second Standard Parallel North 5.09 chs. W. of the standard cor. of secs. 33 and 34, and set a malpais stone 20 x 8 x 8 ins. 15 ins. in the ground for closing cor. of secs. 3 and 4, marked CC on S. with 3 grooves on E. and W. faces; from which A mesquite 6 ins. diam., bears S. $52\frac{3}{4}^{\circ}$ E. 158 lks. dist., marked CCT8NR2ES3BT. A mesquite 6 ins. diam., bears S. $11^{\circ}$ W. 121 lks. dist., marked CCT8NR2ES4BT. Land, mountainous and rolling and covered with loose rocks. Soil, rocky; 4th. rate. No timber. Undergrowth, mesquite, paloverde and greasewood. Mountainous land and land covered with dense undergrowth and loose rocks, exceptionally difficult to survey 58.64 chs. June 4: at this cor. I set off $23^{\circ}$ $24\frac{1}{2}'$ N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $34^{\circ}$ $04\frac{1}{2}'$ N.



## Subdivision of Tp. 8 N. Rg. 2 E.

Chains.	West bet. secs. 4 and 9
5.35	Descending over loose rocks, through dense brush.
11.15	Cross wash 10 lks. wide course N.
15.17	Wright's house bears N. 9° 06' W.
35.00	Gallows frame Kay mine bears N. 30° 10' W.
38.00	Left bank of Agua Fria River, dry, course S. W.
40.00	Right bank of Agua Fria River.
	Set a quartz stone 18 x 8 x 8 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; from which
	A paloverde 5 ins. diam., bears S. 55 $\frac{1}{2}$ ° W. 65 lks. dist., marked $\frac{1}{4}$ S9BT
	A paloverde 5 ins. diam., bears N. 71° W. 57 lks; dist., marked $\frac{1}{4}$ S4BT.
40.99	Gallows frame Kay mine bears N. 44° 15' E.
48.00	Ridge bears N. and S.
51.75	Cross wash 20 lks. wide course S. W.
57.00	Cross ridge bears N. and S.
61.30	Cross wash 15 lks. wide course S.
64.20	Ridge bears N. and S.
66.25	Cross wash 15 lks. wide course S. E.
73.00	Ridge bears N. and S.
75.70	Cross drain 6 lks. wide course S.
80.00	Set a slate stone 20 x 8 x 8 ins. 15 ins. in the ground for cor. of secs. 4, 5, 8 and 9; marked with 5 notches on S. and 4 notches on E. edges; from which
	A paloverde 6 ins. diam., bears N. 24° E. 79 lks. dist., marked T8NR2ES4BT.
	An ironwood 5 ins. diam., bears S. 21 $\frac{1}{4}$ ° W. 80 lks. dist., marked T8NR2ES8BT.
	An ironwood 6 ins. diam., bears N. 34° W. 105 lks. dist., marked T8NR2ES5BT.
	No other bearing available. Raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
	Land, rolling and mountainous and covered with loose rock.
	Soil, rocky; 4th. rate.
	No timber.
	Undergrowth, mesquite, greasewood and paloverde.
	Mountainous land and land covered with loose rock and dense undergrowth, exceptionally difficult to survey, 80.00 chs.
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	N. 0° 02' W. bet. secs. 4 and 5
	Ascending steep slope, over loose rocks, through dense brush.
4.50	Ridge bears E. and W. and descend
8.30	Cross wash 30 lks. wide course S. E. ascend.
14.00	Cross drain 7 lks. wide course S. E.
17.45	Ridge bears E. and W. descend.
21.60	Cross wash 20 lks. wide course S. E. ascend.
25.35	Ridge bears E. and W.
33.20	Ridge bears E. and W. descend.
40.00	Set a slate stone 18 x 8 x 6 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
58.90	Intersect Second Standard Parallel North 5.10 chs. W. of the standard cor. of secs. 32 and 33, and set a Schist stone 20 x 16 x 6 ins. 15 ins. in the ground for closing cor. of secs. 4 and 5; marked CC on S. with 4 grooves on E and 2 grooves on W. faces; from which
	A paloverde 4 ins. diam., bears S. 62° E. 47 lks. dist., marked CCT8NR2ES4BT.
	No other bearing available. Raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, S. of cor. Pits impracticable.
	Land, mountainous and covered with loose rocks.
	Soil, rocky; 4th. rate.
	No timber.
	Undergrowth, mesquite, paloverde and greasewood.

Subdivision of Tp. 8 N. Rg. 2 E.

Chains. Mountainous land and land covered with dense undergrowth and loose rocks, exceptionally difficult to survey 58.90 chs.

June 4, 1910.

GENERAL DESCRIPTION.

This township is rough and mountainous, and the soil rocky excepting small pieces on the Agua Fria River which runs through the western part of the township and carries water during the wet season. There is no timber in the township. There is one settler in sec. 3 and one in sec. 4. The lines run over all the agricultural and grazing land in the township.

*Alfred N. Oliver*  
U. S. Deputy Surveyor.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

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LIST OF NAMES.

BOOK 2245

A list of the names of the individuals employed by **Alfred N. Oliver**

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 subdivision lines of Tp. 8 N. Rg. 2 E.**

showing the respective capacities in which they acted:

**Len Hall** Chainman.

**A. E. Lyon** Chainman.

Moundman.

Moundman.

**H. T. Hartwell** Arman.

Arman.

**R. A. Coombs** Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted **Alfred N. Oliver**

United States Deputy Surveyor, in surveying all those parts or portions of the **the subdivision lines of Tp. 8 N. Rg. 2 E.**

of the **Gila and Salt River** meridian, **Territory** of **Arizona**, 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 **Arizona**

*Len Hall* Chainman.  
*A. E. Lyon* Chainman.  
Moundman.

*H. T. Hartwell* Arman.

*R. A. Coombs* Flagman.

Subscribed and sworn to before me this **4th** day of **June, 1910.**, 190

*Alfred N. Oliver*  
U.S. Deputy Surveyor.



No notary available without loss of time and great expense

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BOOK 2245

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Alfred N. Oliver, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Frank S. Ingalls United States Surveyor General for Arizona, bearing date of the 5th day of January, 1910, 190  , 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 the subdivision lines of Tp. 8 N. Rg. 2 E.

..... of the Gila and Salt River meridian, in the Territory 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.

Alfred N. Oliver  
United States Deputy Surveyor.

Subscribed by said Alfred N. Oliver, and sworn to before me }  
this 26th day of July, 1900

Frank S. Ingalls  
U.S. Surveyor General



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Thomas Craig, July 11, 1901

The foregoing field notes of the survey of a portion of the subdivided lines of Tp. 8 N. Rg. 2 E. Gila and Salt River Base and Meridian, Arizona.

executed by Alfred N. Oliver U.S. Deputy Surveyor under his contract No. 161, dated January 5, 1910, 190  , 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.