

*Rec'd. Aug. 14
1906*

*Book 2048
July 24/07
77*

4-679.

Book 'D'

2048

BOOK 2048

FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION

OF

TOWNSHIP 23 SOUTH,

RANGE 24 EAST

and

Mineral Segregation Therein

2048

2048

2048

Of the **GILA, & SALT RIVER** BASE & *Meridian,*

Territory of Arizona.

AS SURVEYED BY

Philip Contzen, United States Deputy Surveyor,

Under his Contract No. **138**, dated **April 12, 1906**, 190

Survey commenced **July 1,** 190**6**

Survey completed **July 3,** 190**6**

6-151

2048

987A

BOOK 2048

NAMES AND DUTIES OF ASSISTANTS.

Arthur Pogue, Chairman,

Harry Mallory, Chairman

Louis Renaud, Moundman,

L. C. Millar, Axman,

H. B. Milliken, Flagman.

79¹⁸

INDEX DIAGRAM.

BOOK 2048

Fract'l Township 23 South, Range 24-East

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BOOK 2048

PRELIMINARY OATHS OF ASSISTANTS.

WE, Arthur Poque and Harry Mallory
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

portion of subdivisions of T. 23 S. R. 24 E

Arthur Poque, Chainman.
Harry Mallory, Chainman.

Subscribed and sworn to before me this 30th
day of June, 1906



W. G. Power

WE, Louis Renaud 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 ^{me} ~~us~~, to the best of ^{my} ~~our~~ skill and ability, in the survey of

portion of subdivisions of T. 23 S. R. 24 E

Louis Renaud, Moundman.
Moundman.

Subscribed and sworn to before me this 30th
day of June, 1906



W. G. Power

WE, L. C. Millar 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} ~~us~~, to the best of ^{my} ~~our~~ skill and ability, in the survey of

portion of subdivisions of T. 23 S. R. 24 E

L. C. Millar, Axman.
Axman.

Subscribed and sworn to before me this 30th
day of June, 1906



W. G. Power

I, H. B. Milliken, 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

portion of subdivisions of T. 23 S. R. 24 E

H. B. Milliken, Flagman.

Subscribed and sworn to before me this 30th
day of June, 1906



W. G. Power

Survey commenced July 1, 1906, and executed with a Young & Sons light mountain transit No. 5609 with Smith's 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 on June 25, 1906.

I examined the adjustments of the transit, and correct the level and collimation errors, 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, 2, 35 and 36, on the south bdy of Tp. 23 South, Range 24 East, lat. $31^{\circ} 22' 30''$ N.; long. $109^{\circ} 52' 4''$ W. I set off $31^{\circ} 22' 30''$ on the lat. arc; and $23^{\circ} 9' 1''$ N. on the decl. arc, at 5 h., 3 m., p.m., l.m.t., determine with a solar a meridian and mark a point thereof, on a stone set firmly in the ground, 5 chs. N. of the cor.

July 1, 1906.

July 2, 1906: At 12 h., 52 m., a.m., I observe Polaris at eastern elongation in accordance with the manual of Instruction and mark a point in the line thus determined on a peg driven in the ground 5 chs. N. of my station. At 6 h., 45 m., l.m.t., I lay off on the azimuth of Polaris $1^{\circ} 24'$ to the W., and mark the meridian thus determined by cutting a small groove in the stone set July 1, on which the meridian falls 0.3 ins. E. of the mark determined by the solar. At 7 h. 3 m., l.m.t., I set off $31^{\circ} 22'$ N. on the lat. arc and $23^{\circ} 7' 1''$ N. on the decl. arc, and determine a meridian which falls 0.2 ins. east of the meridian established by the Polaris observation. The solar apparatus by the p.m. and a.m. observations defines the positions for meridians $16''$ West and $11''$ East of the meridian established by Polaris observations. Therefore I conclude that the adjustments of the instruments are satisfactory.

The magnetic bearing of the true meridian at 7 h. 10 m., a.m. is $12^{\circ} 30'$ W. The angle gives the magnetic declination $12^{\circ} 30'$ E.

Subdivision of Fractional T. 23 South, Range 24 East.

chains	From cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the township, I run $N70^{\circ}1'W$
	North bet. secs. 35 and 36.
	Ascending over rolling land, through dense brush.
	Road bears E. and W.
	Draw 2.00 chs. wide course S.E.
38.00	Wire fence bears N.W. and S.E. Leave brush bears N.W. and S.E.
40.00	Set a sandstone, 18 X 6 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.
40.80	Old railroad grade, now used as dam for reservoir, brs. NW & SE.
41.40	Bottom of grade; ascend over dry bed of reservoir.
48.00	House about 6.00 chs. east, <i>uninhabited, owned by Warren Realty & Dev. Co.</i>
49.50	House about 6.00 chs. east, <i>uninhabited, owned by Warren Realty & Dev. Co.</i>
53.90	Old road bears N.W. and S.E. Leave reservoir. Enter dense brush.
57.50	Road bears N.E. and S.W.
57.55	Ditch bears N.E. and S.W.
72.05	Road bears N.W. and S.E. Leave dense brush.
77.20	Road bears N.E. and S.W.
80.00	Set a limestone 18 X 6 X 6 ins., 12 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked with 1 notch on the S. and E. edges; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Pits impracticable.
	Land gently rolling and level.
	Soil, stony and gravelly; 3rd and 4th rate.
	No timber.
	Underbrush; camiso, mesquite and cacti.
	Land covered with brush 56.15 chs.
	<hr/>
	$N60^{\circ}11'W$ bet. secs. 26 and 25.
	Ascending over rolling land, through scattering brush.
5.85	Road bears E. and W.
9.00	House 8.00 chs. W, <i>uninhabited, owned by Portage Lake & Bishop Dev. Co.</i>
10.00	House 8.00 chs. W, <i>burned down, owned by Portage Lake & Bishop Dev. Co.</i>
36.20	Wash 10 lks. wide course S.W. Begin steep ascent over mountainous land.
40.00	Point for $\frac{1}{4}$ sec. cor. falls on limestone ledge 6 X 5 X 1 ins., above ground at exact point for cor., marked X with $\frac{1}{4}$ on W. for $\frac{1}{4}$ sec. cor., and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of X. Pits impracticable.
	At this point I discontinue survey on account of mountainous land.
	Land, rolling and level.
	Soil, gravelly and stony; 4th rate.
	Brush, camiso, mesquite and cacti.
	Mountainous land, 3.80 chs.
	<hr/>
	From the cor. of secs. 2, 3, 34 and 35 on the S. bdy. as described by the Surveyor General. I run $N70^{\circ}11'W$ bet. secs. 35 and 34.
	Over almost level land. Ascending through scattering brush.
300	Ditch bears N.E. and S.W.
21.80	Railroad track; branch of the El Paso & Southwestern bears S.W. and N.E.
20.00	House bears 6.00 chs. W. owned by J. B. Smith.
58.00	Road bears N.E. and S.W.
40.00	$\frac{1}{4}$ sec. cor. falls at cor. of fence.
	Set a limestone 18 X 6 X 6 ins., 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face and raised a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
61.8	Enter dense brush.
59.90	Railroad track; branch of the El Paso and Southwestern brs. S.W. and N.E.
20.00	Road bears N.E. and S.W.
	Set a limestone 18 X 8 X 6 ins., 12 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, marked with 1 notch on the S. and 2 notches on the E. edges, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
	Land, nearly level.
	Soil, gravelly and stony; 3rd and 4th rate.
	Brush, undergrowth 40.00 chs.
	July 1st 1911 cor. 1 set at $33^{\circ} 4' N.$ on the d...

Subdivision of fractional T. 23 South, R. 24 East.

chains.

and at 12 h. 3 m. ^{am} l.m.t., observe the sun on the meridian; the resulting lat. is 31° 23' .7

Inspection shows that cor. No. 5 of the Bolivar Lode ^{347.71} 1918 has been destroyed. Therefore I proceed to establish theoretical position of same,

I proceed to Cor. No. 6 and run South 2° 26' E.

10.53 To trades for Cor. No. 5.

Thence I run North 44° 13' E.

22.73 To cor. No. 4.

All stakes wrongly marked for cor. numbers.

East on a random line bet. secs. 26 and 35.

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

80.04 Intersect N. and S. line 9 lks. N. of cor. of secs. 25, 26, 35 and 36.

Thence I run

N. 89° 56' W. on true line bet. secs. 26 and 35.

Over rolling and level land, through scattering brush.

24.20 Road bears N.W. and S.E.

31.10 Irrigation ditch bears N.W. and S.E. *Course N.W.*

35.30 Intersect line between cor. No. 4 and No. 5 of Bolivar Lode Survey 1918 at a point from which Cor. No. 4 bears N. 44° 13' E. 16.31 chs.

Set a limestone 16 X 10 X 4 ins., 11 ins. in the ground, marked C C on E., 1918 on W., 26 on N. and 35 on S faces. and raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.

39.60 Intersect line 5 and 6 of the Bolivar lode, Survey 1918 at a point from which Cor. No. 6 bears N. 2° 26' W. 6.31 chs.

Set a limestone 18 X 10 X 6 ins., 12 ins. in the ground, marked C C on W., 1918 on E., 26 on N. and 35 on S. faces.

40.02 Set a limestone 16 X 12 X 8 ins., 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face and raised a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor. Pits impracticable.

53.20 Shaft 10 lks. S.

53.40 Shaft 10 lks. S.

~~55.50 Cor. No. 5 of Hot Stuff Lode, Sur. No. 1918 is about 1.00 ch. N.~~

54.90 Old road grade bears N.W. and S.E.

55.25 Irrigation ditch bears N.E. and S.W. *Course N.E.*

58.10 Road bears N.W. and S.E.

63.40 Road bears N.W. and S.E.

66.25 Road bears N.W. and S.E.

71.90 Old railroad grade bears N.W. and S.E.

75.00 Middle of single track of the El Paso and Southwestern R. R. bears N. and S.

75.40 Road bears N. and S.

80.04 The cor. of secs. 26, 27, 34 and 35.

Land, level and rolling.

Soil, gravelly and stony; 3rd and 4th rate.

Underbrush, mesquite, amaranth and cacti.

N. 10° 1' W bet. secs. 26 and 27.

Ascending.

6.10 Road bears N.E. and S.W.

13.20 Road bears N.W. and S.E.

13.20 Center of single track of the El Paso & Southwestern R. R. bears N.W. and S.E.

26.00 Dry wash 40 lks. wide course S.W.

34.80 Dry wash 20 lks. wide course E.S.E.

38.04 Intersect line bet. cor. Nos. 3 and 4 of Gap Lode Survey No. 1873, at a point from which Cor. No. 3 bears S. 41° 43' E. 80 lks. dist.

Subdivision of Fractional T. 23 South, R. 24 East.

chains

Set a limestone 18 X 10 X 6 ins., 12 ins. in the ground, marked $\frac{1}{4}$ sec. cor. of sec. 26, 27, and Survey 1873, marked C.C. on S., 1873 on N., 26 on E., and 27 on W. faces and raise a mound of stone 2 ft. base, 1 1/2 ft. high S. of cor. Pits impracticable.
 Land, level and rolling.
 Soil, stony and gravelly; 3rd and 4th rate.
 I discontinue survey on account of mountainous land.
 From this corner U.S.L.M. No. 1872 bears 12° 05' W.
 Therefore I run
 N. 12° 05' W.
 Over mountainous land, ascending.
 To U.S.L.M. No. 1872.

32.42

From the cor. of secs. 3, 4, 33 and 34 on the S. bdy. as described by the Surveyor General. I run
 N. bet. secs. 33 and 34.

29.20

36.00

Over almost level land; ascending through dense brush.
 Road bears N.W. and S.E.
 Shaft 10 lks. E., and shaft 10 lks. W.

40.00

Set a limestone 18 X 6 X 6 ins., 12 ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face, and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.

54.30

57.00

64.25

75.20

80.00

Telegraph line bears N.W. and S.E.
 Road bears N.W. and S.E.
 Road bears E. and W.
 Shaft on line.

Set a limestone 18 X 10 X 8 ins., 12 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, marked with 1 notch on the S. and 3 notches on the east edges; and raise a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.
 Land, almost level.
 Soil, gravelly and stony; 3rd and 4th rate.
 Underbrush; mesquite, amiso and cacti.
 Dense undergrowth 80.00 chs.

July 2, 1906.

July 3, 1906: At 7 h., a.m., l.m.t., I set off 31° 25' 17" on the lat. arc; and 23° 2' 11" on the decl. arc and determine a true meridian with the solar at the cor. of secs. 27, 28, 33 and 34, previously described.

40.00

80.02

Thence I run
 East on a random line bet. secs. 27 and 34.
 Set temp. 1/4 sec. cor.
 Intersect the N. and S. line 9 lks. S. of cor. of secs. 26, 27, 33 and 34.
 Thence I run
 S. 89° 56' W. on a true line bet. secs. 27 and 34.
 Over rolling ground

16.00

24.00

40.00

Road bears N.E. and S.W.
 Dry wash 60 lks. wide course S.W.
 Set a limestone 16 X 10 X 6 ins., 14 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face and raise a mound of stone 2 ft. base, 1 1/2 ft. high, N. of cor. Pits impracticable.

50.00

55.00

80.02

House bears 10 chs. S. owned by James M. Brude.
 Road bears S.E. and N.W.
 The cor. of secs. 27, 28, 33 and 34, previously described.
 Land, rolling.
 Soil, stony and gravelly; 3rd and 4th rate.
 Underbrush, mesquite, amiso and cacti.
 Dense undergrowth 80.02 chs.

Inspection shows Cor. No. 1 of the Germany Loan to be destroyed by the railroad grading, therefore I proceed to locate theoretical position of same and proceed to Cor. No. 4 of Mile Pass, Survey No. 1808.
 Thence I run
 N. 30° 27' E.

Subdivision of Fractional T. 23 South, R. 34 East.

chains	
9.09	Set a temp cor. for cor. No. 3 Mule Pass, which is identical with Cor. No. 1 of Germany Lode, Survey 1743. Thence I run
21.36	N. 77° 44' E. To Cor. No. 4 of Germany Lode Survey 1743. ----- N. bet. secs. 27 and 28. Ascending through dense undergrowth.
15.90	Road bears E. and W.
40.00	Set a limestone 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.
44.35	Set a limestone 18 X 10 X 8 ins., 12 ins. in the ground for W.C. to C.C. on Germany Lode Survey No. 1743, marked C C on S, W.C. on top, 1743 on N; and 27 on E, 28 on W. face. Raise a mound of stone 2 ft. high, 1 $\frac{1}{2}$ ft. base, S. of cor.
44.45	Road bears E. and W. Leave undergrowth.
45.95	Intersect line 1-4 of Germany lode at a point from which Cor. No. 1 bears S. 77° 44' W., 71 lks. dist. Said point falls in railroad embankment where permanent cor. could not be set. I discontinue survey on account of mountainous land. Land, Almost level. Soil, stony and gravelly; 3rd and 4th rate. Undergrowth, mesquite, camise and cacti. Dense undergrowth 44.45 chs.
	----- From cor. of secs. 4, 5, 32 and 33 on the S. bdy. <i>as described in the Survey or General</i> N. bet. secs. 32 and 33 <i>No 280</i> Ascending over rolling land, through dense undergrowth.
40.00	Set a limestone 16 X 10 X 8 ins., 10 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.
65.60	Road bears N.E. and S.W.
77.50	Road bears N.E. and S.W.
78.35	Telegraph line bears N.E. and S.W.
80.00	Set a limestone 18 X 8 X 6 ins., 12 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, marked 1 notch on the S. and 4 notches on the E. edges, and raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, rolling and level. Soil, stony and gravelly; 3rd and 4th rate. Underbrush, camise and cacti. Dense undergrowth, 80.00 chs. July 3, 1906: At this cor. I set off on the decl. arc 23° 0' N; and at 12 h., n. noon, m. t., observe the sun on the meridian, the resulting lat is 31° 23' 7"
40.00	East on a random line bet. secs. 28 and 32.
79.96	Set temp. $\frac{1}{4}$ sec. cor. Intersect the N. and S. line 63 lks. N. of cor. of sec. 32, 33, 34 and 35. Thence I run N. 89° 58' W. on a true line bet. secs. 28 and 35. Through dense undergrowth over almost level land.
18.40	Road bears N.W. and S.E.
18.50	Draw 60 lks. wide course S.; Leave dense underbrush
21.00	Slaughter house and corral bears 1 of <i>lks. owned by W. Akers</i>
27.70	Telephone line course S.E.
31.00	Cor. No. 1 of Germany Lode Survey No. 1743 bears N. 8° E. 1.35 chs.
39.00	Road bears N.W. and S.E. Enter graded street of Don Luis Townsite. (4th St.)
39.98	Set a limestone 18 X 10 X 8 ins., 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, and raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.

No 2 W

Subdivision of Fractional Township 23 South, Range 24 East.

chains.
54.75
60.00
64.00
65.75
75.73
77.35
78.80
79.96

N.W. cor. of the 6th and Barbour Sts., Don Luis Townsite, bears 20 lks. N.
Center of graded street.
Adobe house bears 30 lks. N. *uninhabited.*
Telegraph line bears N.E. and S.W.
Road bears N.E. and S.W.
Road bears N.E. and S.W.
Telegraph line bears N.E. and S.W.
The cor. of secs. 28, 29, 32 and 32³³ previously described.
Land, rolling and level.
Soil, gravelly and stony; 3rd and 4th rate.
Undergrowth; mesquite, amiso and cacti.
Dense undergrowth 18.50 chs.

9.08

Inspection shows that Cors. No. 1 and 2 of the Elisa Lode Survey No. 1824 are destroyed. I proceed to retrace from Cor. No. 4 said lines to determine their theoretical position.

From this Cor. No. 4 I run
N. 68° 36' E.

To Cor. No. 3.

Thence I run

S. 15° 15' W.

8.53

To traces of cor. No. 2, where I establish temporary corner.

Thence I run

S. 70° 01' W.

23.38

To traces for cor. No. 1, where I establish temp. cor. Through dense brush 23.38 chs.

49.99

N.W. bet. secs. 28 and 29.

Ascending through dense brush.

14.77

N. W. cor. of 7th St. and Frederick St., Don Luis Townsite, bears East 1.35 chs.

15.31

Road bears N.E. and S.W.

21.00

Road bears E. and W.

25.20

Road bears E. and W.

25.80

Railroad grade bears N.E. and S.W.

27.10

Road bears E. and W.

32.25

Intersect line 1-2 of the Elisa Lode Survey No. 1824 at a point from which the position of Cor. No. 2 brs. N. 80° 01' E., 8.60 chs. dist.

Set a limestone 16 X 12 X 10 ins., 1D ins, in the ground, for closing corner of secs. 28 and 29 and the Elisa Lode marked C C on S., 1824 on N., 28 on E., and 29 on W. faces; and raised a mound of stone 2 ft. base, 1 1/2 ft. high, S. of cor.. Pits impracticable.

40.00

Cor. point falls on patented ground.

Discontinue survey north on account of mountainous land.

General Description. July 3, 1906.

The part of this township surveyed by me is mountainous on the East and North, rolling and level on the South and West. The El Paso & Southwestern R. R. crosses secs. 26, 27, 34 and 35. The town of Don Luis is located in secs. 28 and 32. There are settlers in Secs. 26, 29, 34 and 36. This township is situated in the southern part of the Warren Mining District. The soil is 3rd and 4th rate, rocky and gravelly. It is fairly well covered with undergrowth, consisting of amiso, mesquite and cacti.

Philip Contzen

U. S. Deputy Surveyor

For red ink corrections see depy's letter of Nov. 1, 1907

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Philip Contzen

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 portions of subdivisions of T. 23 S. R. 24 E. showing the respective capacities in which they acted:

Arthur Pogue, Chainman.

Harry Malloy, Chainman.

Louis Renaud, Moundman.

L.C. Millar, Axman.

H.B. Milliken, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Philip Contzen

United States Deputy Surveyor, in surveying all those parts or portions of the subdivisions of T. 23 S. R. 24 E.

of the Gila & Salt River Base & 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

Arthur Pogue, Chainman. ✓

Harry Malloy, Chainman. ✓

Louis Renaud, Moundman. ✓

L.C. Millar, Axman. ✓

H.B. Milliken, Flagman. ✓

Subscribed and sworn to before me this 11th day of August, 1906

W. G. Power



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Philip Coutzen 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 12 day of April, 1906, 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 subdivisions of T 23 S. R. 24 E

of the Gila & Salt River Base & 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.

Philip Coutzen
United States Deputy Surveyor.

Subscribed by said Philip Coutzen, and sworn to before me }
this 11th day of August, 1906



Allan Jaynes
CLERK U. S. DISTRICT COURT FOR
FIRST JUDICIAL DISTRICT, ARIZONA.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, AZ, July 15th, 1907.

The foregoing field notes of the survey of the subdivisional lines of T 23 S. R. 24 E, of the Gila and Salt River Base and Meridian, Territory of Arizona.

executed by Philip Coutzen, U.S. deputy surveyor under his contract No. 138, dated April 12th, 1906, 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 Book "A", has been correctly copied from the original notes on file in this office.

United States Surveyor General.