

7.63159

1872

Book "F"

BOOK 1872

FIELD NOTES

OF THE ^{Re} SURVEY OF THE

West Boundary of

Tr. 18 Sec. 16 E.

1872-

1872

Of the Gila and Salt River Bas. Meridian,

AS SURVEYED BY

Edgar A. Dietrich, United States Deputy Surveyor,

Under his Contract No. 137, dated August 15, 1891/1905.

Survey commenced October 2, 1891/1905.

Survey completed October 5, 1891/1905.

Fred. Pagles, Chairman
Walter Percival, Chairman

Juan Sanchez, Moundman

Sipriana Villa, Axman

Manuel Salazar, Flagman

77 1B

BOOK 1872

INDEX DIAGRAM.

Township 18 S., Range 15 E.

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Meanders Page.....

WE, Fred Eagles and Walter Percival
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over 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 ^{re} survey of

the West Boundary of Twp. 18 S., Rg. 15 E.

Fred Eagles, Chainman.

Walter Percival, Chainman.

Subscribed and sworn to before me this 3rd
day of October, 1891905

W. G. Power



WE, Juan Sanchez and
do solemnly swear that ~~we~~ ^{me} will well and truly perform the duties of mound^amen in the establishment of corners, according to the instructions given ~~us~~ ^{me}, to the best of ~~our~~ ^{my} skill and ability, in the ^{re} survey of

the West Boundary of Twp. 18 S., Rg. 15 E.

Juan Sanchez, Moundman.

Subscribed and sworn to before me this 3rd
day of October, 1891905

W. G. Power



WE, Sipriana Villa and
do solemnly swear that ~~we~~ ^{me} will well and truly perform the duties of ax^amen in the establishment of corners and other duties, according to instructions given ~~us~~ ^{me}, to the best of ~~our~~ ^{my} skill and ability, in the ^{re} survey of

the West Boundary of Twp. 18 S., Rg. 15 E.

Sipriana Villa, Axman.

Subscribed and sworn to before me this 3rd
day of October, 1891905

W. G. Power



I, Mannel Salazar, 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 ^{re} survey of the West Boundary of Twp. 18 S., Rg. 15 E.

Mannel Salazar, Flagman.

Subscribed and sworn to before me this 3rd
day of October, 1891905

W. G. Power



Resurvey of the West Boundary of T. 18 S. R. 15 E.

Chains

October 2nd 1905: Knowing from previous surveys of the condition of the old surveys, I proceed before surveying T. 18 S. R. 15 E. to resurvey the W. Bdy. of T. 18 S. R. 15 E. After diligent search I find the old cor. of Tps. 17 & 18 S. Rs. 14 & 15 E., which is a stake with marks obliterated lying on the ground. I test position of cor. by old witness trees stumps. I reestablish cor. for two Tps. (Tps. 17 & 18 S. R. 14 E.) and set a quartz stone 18 x 8 x 5 ins., 12 ins. in ground marked with 6 notches on N., W. and S. edge; from which
 A mesquite, 8 ins. diam., brs. N. $104^{\circ} 0'$, 147 lbs. dist., marked T 17 S R 14 E S 36 N ?
 A mesquite, 8 ins. diam., brs. S. $75\frac{1}{2}^{\circ} W.$, 200 lbs. dist., marked T 18 S R 14 E S 1 B T

Survey commenced October 2, 1905, and executed with a *Jas. W. Queen & Co.* light mountain transit, No. 4607 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 lat. and decl. arcs. The instrument was examined, tested on the true meridian at Phoenix, found correct, and was approved by the Surveyor General for Arizona, September 15 1905.

I examine 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 Tps. 17 and 18 S. Rs. 14 and 15 E., latitude $31^{\circ} 54' N.$, longitude $111^{\circ} 51' W.$, I set off $31^{\circ} 54' N.$ on the lat. arc; $3^{\circ} 34' S.$ on the decl. arc; and at 3 h 35 m 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 my station. At 5 h 46 m p.m., l.m.t., by my watch, which is correct for l.m.t., I observe Polaris at eastern elongation, in accordance with the 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.

October 2, 1905.

October 3, 1905: At 8 h 37 m a.m., l.m.t., I lay off the azimuth of Polaris $1^{\circ} 25'$ to the W., and mark a point in the meridian thus determined, by cutting a small groove in the stone set October 2, 1905, on which the meridian falls 0.2 ins. west of the meridian determined by the solar.

At 8 h 49 m a.m., l.m.t., I set off $31^{\circ} 54' N.$ on the lat. arc; $3^{\circ} 51' S.$ on the decl. arc; and mark a point on the stone already set 5 chs. N. of my station; this mark falls 0.3 ins. W. of the meridian established by the Polaris observation.

The solar apparatus by p.m. and a.m. observations, defines positions for meridians, respectively about $0^{\circ} 11'$ east and $0^{\circ} 16'$ west of the meridian established by the Polaris observations; therefore, I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian, at 9 h 05 m a.m., is N. $13^{\circ} - 05'$ W.; the angle thus determined gives the mag. decl. $13^{\circ} - 05'$ E.

Continued

General and 1800' bearing from previous survey of the
 condition of the old survey, I proceed north
 the T. 18 S. R. 1 E. to the T. 18 S. R. 1 E. of T. 18 S. R.
 in E. After making a bearing of 110° 00' 00" and
 100' to the N. 100' 00' 00" which is a line
 main associated line on the ground. I set
 line of 100' by old witness from above.
 I establish corner for the T. 18 S. R. 1 E.
 and set a quarter section in a 1/4 section in a 1/4
 marked with a corner on E. V. and S. V. and
 A quarter section in a 1/4 section in a 1/4
 marked T. 18 S. R. 1 E. of T. 18 S. R. 1 E.
 A quarter section in a 1/4 section in a 1/4
 marked T. 18 S. R. 1 E. of T. 18 S. R. 1 E.

After commencing survey of T. 18 S. R. 1 E. and
 line of 100' by old witness from above.
 I establish corner for the T. 18 S. R. 1 E.
 and set a quarter section in a 1/4 section in a 1/4
 marked with a corner on E. V. and S. V. and
 A quarter section in a 1/4 section in a 1/4
 marked T. 18 S. R. 1 E. of T. 18 S. R. 1 E.
 A quarter section in a 1/4 section in a 1/4
 marked T. 18 S. R. 1 E. of T. 18 S. R. 1 E.

General and 1800' bearing from previous survey of the
 condition of the old survey, I proceed north
 the T. 18 S. R. 1 E. to the T. 18 S. R. 1 E. of T. 18 S. R.
 in E. After making a bearing of 110° 00' 00" and
 100' to the N. 100' 00' 00" which is a line
 main associated line on the ground. I set
 line of 100' by old witness from above.
 I establish corner for the T. 18 S. R. 1 E.
 and set a quarter section in a 1/4 section in a 1/4
 marked with a corner on E. V. and S. V. and
 A quarter section in a 1/4 section in a 1/4
 marked T. 18 S. R. 1 E. of T. 18 S. R. 1 E.
 A quarter section in a 1/4 section in a 1/4
 marked T. 18 S. R. 1 E. of T. 18 S. R. 1 E.

Resurvey of the West Boundary of T. 18 S. R. 15 E.

Chains
 12'
 10° 12' W
 16.39
 20.00
 39.99
 11.00
 17.00
 37.97

From this cor. the $\frac{1}{4}$ sec. cor. of sec. 1 T. 18 S. R. 14 E., bears S. $0^{\circ} 12' W.$
 Thence I run,
 S. $0^{\circ} 12' W.$ on E. bdy. of Sec. 1.
 Over level land, through dense tesotilla.
 Wash, 10 lks. wide, course N.W.
 Wash, 15 lks. wide, course N.W.
 I find faint evidence of old cor., and set a granite stone 18 x 8 x 8 ins., 12 ins. in ground for $\frac{1}{4}$ sec. cor. marked with $\frac{1}{4}$ on W. face, from which:
 A mesquite, 4 ins. diam., bears N. $74^{\circ} W.$, 72 lks. dist., marked $\frac{1}{4} S 1 2 ?$
 A mesquite, 6 ins. diam., brs. S. $19^{\circ} W.$, 200 lks. dist., marked $\frac{1}{4} S 1 2 ?$
 From the $\frac{1}{4}$ sec. cor. the cor. of secs. 1 and 12 on the E. bdy. T. 18 S. R. 14 E bears S. $0^{\circ} 00' W.$
 Therefore I run,
 S. $0^{\circ} 00' W.$ on E. bdy. of sec. 1.
 Wash, 20 lks. wide, course N.W.
 Wash, 20 lks. wide, course N.W.
 Cor. of secs. 1 and 12, T. 18 S. R. 14 E., which is an old stake lying on ground.
 I re-establish cor. as follows:
 Set a quartz stone 18 x 6 x 6 ins., 12 ins. in ground for cor. of secs. 1 and 12, T. 18 S. R. 14 E., marked with 1 notch on N. and 5 notches on S. edge, from which:
 A mesquite, 8 ins. diam., brs. S. $51^{\circ} W.$, 96 lks. dist., marked $\frac{1}{4} S 12 S 14 E S 12 S ?$
 A mesquite, 8 ins. diam., brs. N. $20^{\circ} W.$, 193 lks. dist., marked $\frac{1}{4} S 12 S 14 E S 1 2 ?$
 Land, level.
 Soil, gravelly, 2nd rate.
 Timber, none.
 Undergrowth, mesquite and tesotilla.

19.00
 21.50
 39.73

From this cor., the $\frac{1}{4}$ cor. of sec. 12 T. 18 S. R. 14 E. bears S. $0^{\circ} 15' W.$
 Therefore I run,
 S. $0^{\circ} 15' W.$ on E. bdy. of sec. 12.
 Over level land.
 Wash, 10 lks. wide, course N.W.
 Wash, 10 lks. wide, course N.W.
 I find faint evidence of old cor. and set a quartz stone 18 x 8 x 8 ins., 12 ins. in ground for $\frac{1}{4}$ sec. cor., marked with $\frac{1}{4}$ on W. face, from which:
 A mesquite, 4 ins. diam., brs. S. $16^{\circ} W.$, 178 lks. dist., marked $\frac{1}{4} S 12 S ?$
 A mesquite, 4 ins. diam., brs. N. $6^{\circ} W.$, 203 lks. dist., marked $\frac{1}{4} S 12 S ?$

October 3, 1905: At this cor. I set off $3^{\circ} 55' S.$ on the decl. arc, and at 11 h 56 m a.m., l.m.t., observe the sun on the meridian; the resulting lat. is $31^{\circ} 52' N.$, or within one minute of the proper latitude.
 From the $\frac{1}{4}$ cor., the cor. of secs. 12 and 13 T. 18 S. R. 14 E., bears S. $0^{\circ} 12' W.$

N 0' 12' W

	1901 1900 1902
From this report the following facts are gathered... It is found that... The following are the results... The committee has... It is recommended...	10.00 20.00 30.00
The following are the results... The committee has... It is recommended...	40.00 50.00 60.00
The following are the results... The committee has... It is recommended...	70.00 80.00 90.00
The following are the results... The committee has... It is recommended...	100.00 110.00 120.00
The following are the results... The committee has... It is recommended...	130.00 140.00 150.00
The following are the results... The committee has... It is recommended...	160.00 170.00 180.00
The following are the results... The committee has... It is recommended...	190.00 200.00 210.00
The following are the results... The committee has... It is recommended...	220.00 230.00 240.00
The following are the results... The committee has... It is recommended...	250.00 260.00 270.00
The following are the results... The committee has... It is recommended...	280.00 290.00 300.00

Resurvey of the West Boundary of T. 18 S. R. 15 E.

Chains

7.80
38.34

Therefor I run
 S. 0° - 12' W. on E. bdy. of sec. 12.
 Wash, 15 lks. wide, course N.W.
 Cor. of secs. 12 and 13, T. 18 S. R. 14 E., which is
 an old stake in a mound of stone, I reestablish cor.
 as follows:
 Set a quartz stone 18 x 8 x 8 ins., 12 ins. in ground
 for cor. of secs. 12 and 13, T. 18 S. R. 14 E., mark-
 ed with 2 notches on N. and 4 notches on S. edge,
 from which:
 A mesquite, 5 ins. diam., bears N. 60 3/4 W., 297 lks.
 dist., marked T 18 S R 14 E S 12 B T.
 A mesquite, 6 ins. diam., bears S. 58 1/4 W., 186 lks.
 dist., marked T 18 S R 14 E S 13 B T.
 Raise a mound of stone 2 ft. base 1 1/2 ft. high West of Cor
 Land, level.
 Soil, gravelly, 2nd rate.
 Timber, none.
 Undergrowth, dense tesotilla. *Oct. 3, 1905*

4.50
12.20
18.00
27.60
38.40
39.57

From this cor., the 1/4 cor. of sec. 13, T. 18 S. R.
 14 E., bears S. 1 - 25' E. *S 2° 30' E*

Therefor I run.
 S. 2 - 30' E. on E. bdy. of sec. 13.
 Over level land.
 Wash, 10 lks. wide, course N.W.
 Wash, 6 lks. wide, course N.W.
 Road, bears N.W. and S.E.
 Wash, 10 lks. wide, course N.W.
 Road, bears E. and W.

39.57

Faint evidence of old ^{1/4} cor. of sec. 13, T. 18 S. R. 14
 E., I reestablish 1/4 sec. cor. as follows:

Set a quartz stone 18 x 8 x 8 ins., 12 ins. in ground
 for 1/4 sec. cor., marked 1/4 on W. face, ~~from which~~
 and raise a mound of stone 2 ft. base 1 1/2 ft. high,
 W. of cor. From the cor:
 A palo verde, 5 ins. diam., bears S. 28 1/2 W., 93 lks.
 dist., marked 1/4 S 13 B T.

17.00
21.00
38.68

From this cor., the cor. of secs. 13 and 24 bears S.
 0 - 06' W.

Therefor I run.
 S. 0 - 06' W. on E. bdy. of sec. 13, T. 18 S. R. 14 E.

Wash, 15 lks. wide, course N.W.
 Wash, 10 lks. wide, course N.W.
 Faint evidence of old cor. of secs. 13 and 24, T. 18
 S. R. 14 E., and I reestablish cor. as follows:

Set a sand stone 18 x 6 x 6 ins., 12 ins. in ground
 for cor. of secs. 13 and 24, T. 18 S. R. 14 E., mark-
 ed with 3 notches on S. and 3 notches on N. edges,
 and ~~dig pits 18 x 18 x 12 ins., 12 ft. dist.,~~
 and raise a mound of earth 2 ft. base 1 1/2 ft. high
 at cor. From the cor.:-

October 4, At this point I set ~~up~~ ^{up} a ~~stake~~ ^{stake} 6 ins. diam., brs. N. 25° W., 10 lks. dist.,
 21° 25' N. E. S. 14 E. S. 13 B T
 are, and N. on the 14 E. S. 13 B T
 cor. and N. on the 14 E. S. 13 B T
 cor. of secs. 12 & 13 on the E. bdy. of sec. 12
 already set and described as

.....
 October 4; At this point I set ~~up~~ ^{up} a ~~stake~~ ^{stake} 6 ins. diam., brs. N. 25° W., 10 lks. dist.,
 decl. are; and at 11 h 55 m a.m., I set ~~up~~ ^{up} a ~~stake~~ ^{stake} 6 ins. diam., brs. N. 25° W., 10 lks. dist.,
 sun on the meridian; the resulting lat. is ~~or~~ ^{or} within 1° of the proper lat.

17.85

From this cor., 1/4 sec. cor. of sec. 24 T. 18 S. R. 14 E.,
 brs. S. 0° 06' W. Therefore I run
 S. 0° 06' W. on E. bdy. of sec. 24
 Road brs. S. & S.E.

BOOK 1872 3A

11.65

12.66

13.66

The first of these is the fact that the
 rate of interest on the loan is 10%
 per annum. This is a very high rate
 of interest, especially in view of the
 fact that the loan is for a long
 period of time. The second point is
 that the loan is for a fixed sum
 of money. This means that the
 borrower will have to pay back the
 same amount of money, regardless of
 whether the value of the asset has
 increased or decreased. This is a
 disadvantage of a fixed-sum loan.
 The third point is that the loan is
 for a fixed period of time. This
 means that the borrower will have to
 pay back the loan at a certain date,
 regardless of whether the value of the
 asset has increased or decreased.
 This is another disadvantage of a
 fixed-sum loan.

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 This is another disadvantage of a
 fixed-sum loan.

14.66

Resurvey of the West Boundary of T. 18 S. R. 15 E.

4

Chains.

23.00
29.22

Wash, 50 lbs. wide, course, N.W.
Wash, 40 lbs. wide, course, N.W.
Cor.point for $\frac{1}{4}$ sec.cor. fails in wash. Cor.point located by means

43.02

Set a quartz stone 18 x 6 x 6 ins., 18 ins. in ground, for witness cor. for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ on W. and V.S. on N. face; and raise a mound of stone 2 ft. base 14 ft. high W. of cor.
From the $\frac{1}{4}$ sec.cor. the cor. of secs. 24 & 25 on the E. Sdy. of T. 18 S. R. 14 E., brs. S. 6° 19' W.

24.00
29.43

Therefore, I run, S. 6° 19' W. on E. Sdy. of sec. 24.
Wash, 50 lbs. wide, course, N. W.
Find old stake lying on ground. *for cor. of secs. 24 and 25*
Set a quartz stone 18 x 6 x 6 ins., 18 ins. in ground, marked with 4 notches on N. and 2 notches on E. edge; dig pits 18 x 18 x 18 ins. N.W. & S.W. of cor., 54 ft. dist., and raise a mound of earth 24 ft. base 24 ft. high W. of cor.
Land, level.
Soil, gravelly, 2nd rate.
Timber, none.
Undergrowth, mesquite and teosilla.

October 4, 1905.

October 5; At 6 h 42 m a.m., l.m.t., I set off 31° 50' N. on the lat. arc; 6° 28' S. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 24 & 25 on the E. Sdy. of T. 18 S. R. 14 E., as already set and described by me.

From this cor. the $\frac{1}{4}$ sec.cor. of sec. 25 T. 18 S. R. 14 E., brs. S. 6° 14' W.

7.00
20.00
29.00

Therefore I run, S. 6° 14' W. on E. Sdy. of Sec. 25.
Wash, 10 lbs. wide, course, N.W.
Old road, brs. N.E. & S.W.
Faint evidence of old cor.
Set a sandstone 18 x 8 x 5 ins., 18 ins. in ground for $\frac{1}{4}$ sec.cor. of sec. 25 T. 18 S. R. 14 E., marked $\frac{1}{4}$ on W. face and raise a mound of stone 2 ft. base 14 ft. high W. of cor.

From this cor., cor. of secs. 25 & 26 T. 18 S. R. 14 E. brs. S. 6° 14' W.

25.21
40.01

Therefore I run, S. 6° 14' W. on E. Sdy. of sec. 25.
Wash, 50 lbs. wide, course, N.W.
Faint evidence of old cor.
Set a granite stone 18 x 5 x 5 ins., 18 ins. in ground for cor. of secs. 25 & 26, and raise a mound of stone 2 ft. base 14 ft. high W. of cor. From the cor.:-
A mesquite 5 ins. diam., brs. S. 40° W., 50 lbs. dist., marked $\frac{1}{4}$ on E. S. 14 E. S. 25 S. ?
No other bearing trees available.
Land, level.
Soil, gravelly, 2nd rate.
Timber, none.
Undergrowth, mesquite.

At this point, I set off 4° 41' S. on the decl. arc, and at 11 h 55 m a.m., l.m.t., observe the sun on the meridian, the resulting lat. is 31° 49' N., or within 1° of the proper lat.

October 5, 1905.

Section	Description	Area
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100

Resurvey of the West Boundary of T. 18 S. R. 14 E.

Chains

BOOK 1872

6.00
11.00
21.00
24.00
48.00

From this cor. the $\frac{1}{2}$ sec. cor. of sec. 36 T. 18 S. R. 14 E. brs. S $0^{\circ} 25' W$.
 Therefore I run,
 S. $0^{\circ} 25' W$, on E. Day. of Sec. 36.
 Read, brs. N. E. & S. W.
 Enter draw. *course west.*
 Leave draw.
 Old road, brs. N. W. & S. E.
 Set a sandstone 18 x 8 x 6 ins., 18 ins. in ground for $\frac{1}{2}$ sec. cor. of sec. 36 T. 18 S. R. 14 E., marked $\frac{1}{2}$ on W. face, and raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. From this cor. the E. cor. of Tps. 18 and 19 S., R. 14 E., brs. S. $0^{\circ} 21' W$.
 Therefore, I run,
 S. $0^{\circ} 21' W$, on the E. Day. of Sec. 36.
 Wash, 20 lbs. wide, course, N. W.
 Cor. of Tps. 18 & 19 S., R. 14 E., which is old mound of stone.
 Set a sandstone 18 x 8 x 6 ins., 18 ins. in ground for cor. of Tps. 18 & 19 S., R. 14 E., and raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. From the cor.:-
 A mesquite 6 ins. diam., brs. S. $63^{\circ} W$, 250 lbs. dist., marked T 18 S R 14 E S 1 E ?
 A mesquite 6 ins. diam., brs. N. $67^{\circ} W$, 305 lbs. dist., marked T 18 S R 14 E S 36 E ?
 Land, level.
 Soil, gravelly, 2nd rate.
 Timber, none.
 Undergrowth, none.

4.00
30.01

October 5, 1885.

General desc.

Edgar C. Dietrich
U. S. Deputy Surveyor.

<p>From the sale of the land and other property of the Government of the District of Columbia, for the year ending June 30, 1907, the following amounts were received:</p> <p>For the sale of land, \$10,000.00</p> <p>For the sale of other property, \$5,000.00</p> <p>Total, \$15,000.00</p>	<p>10,000.00</p> <p>5,000.00</p> <hr/> <p>15,000.00</p>
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U. S. DISTRICT COURT

GENERAL DESCRIPTION.

The West Boundary of Tp. 18 S., R. 15 E., runs over level and rolling country, through mesquite and tesota undergrowth.

There is no water along this line.

Edgar C. Dietrich
U.S. Deputy Surveyor.

DIRECTIONS.—1. Carry out the area in acres to three decimals, and all other calculations to two decimals only.
2. In balancing Lat. and Dep. do not obliterate or change the original figures.

Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink.

The corrections for balancing fallings should be proportional to the lengths of the lines.
3. In calculations of fallings take result to nearest hundredth. In calculations of N. and S. areas drop all after second decimal. Deputies are cautioned not to use tables that do not give results exact to

TABLE AND CALCULATIONS OF PORTION OF T.18S., R.15E., SURVEY NO. _____

No.	COURSE.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1	South boundary	242.90					242.90		
		11.28	11.28		07				
		40.02	40.02		33				
		79.70	79.70		22				
		39.48	39.48		14				
		80.00	80.00				33		
		39.57	39.56				82		
		39.14	39.13						
		39.73	39.73						
		37.97	37.97						
	39.90	39.90							
	32.99	32.99							
	402.53	402.53							
	79.90	79.90				8000			
	80.00	80.00							
	80.00	80.00							
	80.00	80.00							
	320.00	320.00							

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West
N 0° 21' to
N 0° 23' to
N 0° 14' to
N 0° 19' to
N 0° 06' to
N 1° 25' W
N 1° 11' W
N 0° 15' to
N 0° 9' to
N 0° 12' to
North
to East
S. 0-03 to
to West
S. 0-01 to
West
S. 0-02 to
Convergence
lines
Error in Latitudes
#2965
499.64
479.90
#2965
0.74
8.25
#0528
#0463
404.61
404.61
#0463
Error in Departure 0.43 ch

LIST OF NAMES.

A list of the names of the individuals employed by Edgar C. Dietrich
....., United States Deputy Surveyor, to assist in running, measuring, and
marking the lines and corners described in the foregoing field notes of the ^{re} survey of the West
Boundary of T² 18 S., R² 15 E.
showing the respective capacities in which they acted:

- Fred Eagles....., Chainman.
- Walter Percival....., Chainman.
- Juan Sanchez....., Moundman.
-, Moundman.
- Sipriana Villa....., Axman.
-, Axman.
- Mmanuel Salazar....., Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Edgar C. Dietrich
....., United States Deputy Surveyor, in ^{re} surveying all
those parts or portions of the West Boundary of T² 18 S.,
R² 15 E.

..... of the Gila and
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

- Fred Eagles ✓....., Chainman.
- Walter Percival ✓....., Chainman.
- Juan Sanchez ✓....., Moundman.
-, Moundman.
- Sipriana Villa....., Axman.
-, Axman.
- Mmanuel Salazar ✓....., Flagman.

Subscribed and sworn to before me this 20th
day of October....., ~~189~~ 1905

W. G. Power



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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Edgar C. Dietrich, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from M. S. Ingalls United States Surveyor General for Arizona, bearing date of the 15th day of August, 1905, 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 West Boundary of T. 18 S., R. 15 E.

of the Gila and 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; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Edgar C. Dietrich
United States Deputy Surveyor.

Subscribed by said Edgar C. Dietrich, and sworn to before me }
this 15th day of July 1906



Reverendale
W. Commissioner

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, May 2nd 1906

The foregoing field notes of the ^{re} survey of the West Boundary of T. 18 S., R. 15 E. of the Gila and Salt River Base & Meridian, in the territory of Arizona

executed by Edgar C. Dietrich, U.S. deputy surveyor under his contract No. 137, dated August 15, 1905, 189, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Mark 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.