No 393

SURVEY & RESURVEY SUBS.

T. 21 N. R. 5 E.

BOOK 393

4-671

393

FIELD NOTES

GENERAL LAND OFFICE.

No 393

X

BOOK 393 No-393

Field Notes

of the survey & resurvey of the Subdivision Lines

of

Sections 32, 33, and 34

of

Township No. 2 N., Range No. 5 East,

of the

Gila and Salt River Base and Meridian,

in the

Territory of Arizona

as surveyed by

Carl R. Caudle and

Marvin Caudle

U. S. Deputy Surveyors

Under their Contract No. 97,

dated June 30, 1902, and Special Instructions

dated July 26, 1902 & February 24, 1904.

Survey Commenced March 18, 1904.

Survey Completed March 25, 1904.

2

Names and Dates of assistants

L. L. Steward, chainman

Herman Schulz, chainman

C. R. Caudle, acting flagman and chainman,

4—674.

Township No. 21 N. R. No. 5 E.

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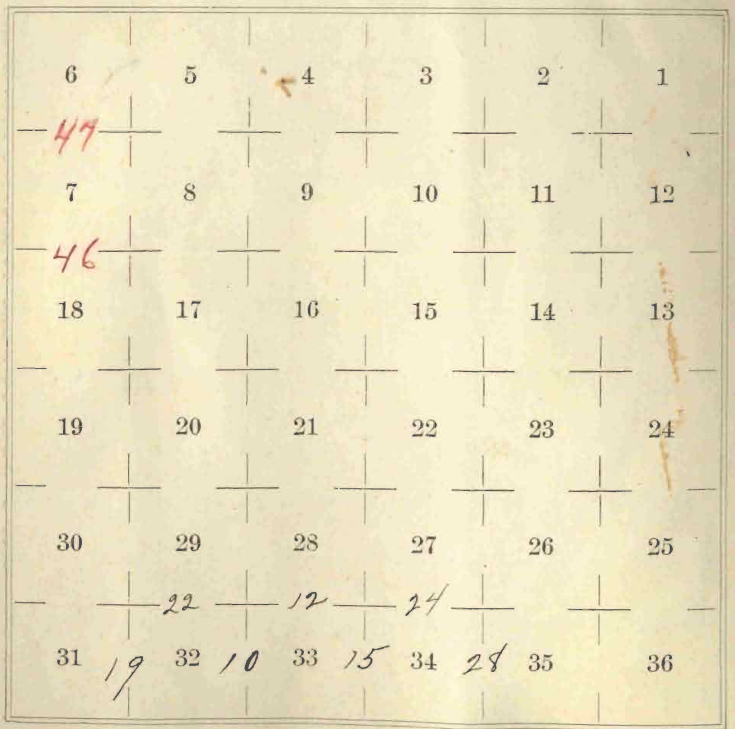

We, _____

and _____

do solemnly swear that we will well and truly perform the duties of flagman and 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 the _____

_____

_____

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_____

of the Gila and Salt River Base and Meridian, in the Territory of Arizona.

_____, Flagman.

_____, Axman.

_____, Axman.

_____, Axman.

Subscribed and sworn to before me this _____ day of _____, 190____

_____

Notary Public.

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PRELIMINARY OATHS OF ASSISTANTS.

We, L. L. Steward BOOK 393

and Herman Schultz

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 distance to all notable objects, and the true length 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 subdivisional lines of sections 32, 33, and 34, of T. 2 N., R. 5 E.

of the Gila and Salt River Base and Meridian, in the Territory of Arizona.

L. L. Steward, Chainman.

Herman Schultz, Chainman.

, Chainman.

, Chainman.

Subscribed and sworn to before me this 18th day of March, 1904.

Marion Sandle

[SEAL.] U.S. Deputy Surveyor ~~Notary Public.~~

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Subdivision of Sec. 2 T. N. R. 5 E.

Survey Commenced March 18, 1904
and executed with a W. & L. E. Gurley
light mountain transit (not
numbered) with solar attach-
ment and Jones patent Latitude arc.
The horizontal limb is
provided with two double
verniers placed opposite to
each other reading to single
minutes of arc; the vernier of
the declination arc reads to
30" of arc; and those of the
latitude are read respectively
to single minutes and
ten seconds of arc; the
instrument is also provided
with a vertical arc of 180°
the vernier of which reads
to 30" of arc.
The instrument was examined

tested on the true Meridian at Phoenix, found correct and was approved by the surveyor general for Arizona, Sept. 14, 1912.

I examine the adjustment of the instrument and correct the level and collimation errors; then to test the solar apparatus by comparing the results of observations on the sun, made during p.m. and a.m. hours with a meridian determined by observations on Polaris, I proceed as follows:

At the closing cor. of secs. 3 & 4, Tp. 20 N. R. 5 E., on the 6th St. Par. and S. Bdy. of T. 21 N. R. 5 E. I set off 0° 48' S. on the decl. arc;

BOOK 393
Subdivision of Tp. 21 N. R. 5 E.

35° 07' N. on the lat. arc, at 3h 30m p.m., Mst.,
and mark a point in the meridian thus determined by a tack in a plug set firmly in the ground 5.00 chs. N. of my station.

At 7h 35m p.m., Mst., I observed Polaris at western elongation, in accordance with the Manual of Instructions, and mark a point in the line thus determined by a tack on a plug set firmly in the ground 5.00 chs. N. of my station.

March 18, 1904

Latitude 35° 07' N., Longitude 110° 50' 30" W.

Mar. 19, 1904, At 7h a.m., I

Subdivision of T. 21 N. R 5 E.

Lay off the azimuth of Polaris 1° 28' to the East and mark a point in the true meridian thus determined by a tack in the plug already set 5.00 chs. N. of my station, which point coincides with the point determined with the solar.

At 8 h A.M., Greenwich Mean Time, I set off 60° 31½' S. on the declination arc, 35° 07' N. on the latitude arc, and determined a true meridian with the solar, which coincides with the meridian determined from the Polaris observation. The solar apparatus by Fauth

and a.m., observations defines positions for true meridian respectively coinciding with the true meridian determined by observation on Polaris; therefore I conclude the adjustments of the instrument are satisfactory

The magnetic bearing of the true meridian at 8h 10m a.m. is N. 15° 50' W.; the angle thus determined gives the mag. decl. 15° 50' E.

March. 19, 1904.

March, 20, 1904, Rainall day.

March 21 & 22, Engaged in completing surveys in Tp. 20 N. R. 5 E.

March. 23. 1904, Heavy snow storm.

Subdivision of Tp. 21 N. R. 5 E.

Statement of reasons for the resurvey of certain section lines in township 21 N. R. 5 E.

Upon completing the survey of the line bet. secs. 32 and 33, and the N. ½ of the line bet. secs. 33 & 34, these lines being the only ones remaining unsurveyed in the Tp. I find that the boundaries of secs. 32, 33, and 34, do not close within the allowable limits of error. I therefore make a complete resurvey of the W. N. and E. bdrs. of these sections.

1° BOOK 393
Subdivision of Tp. 21 N. R 5 E.

March 24, 1904. at 8h a.m. [illegible],
I set off 1° 26½' N. on the decl. arc;
35° 07' N. on the lat. arc;
and determine a true
meridian with the solar
at the standard cor. of secs.
32 and 33.
Thence I run,
N. 0° 17' E.
bet. secs. 32 & 33.
(Having previously determined
the bearing of this line)
Over rolling land through
heavy pine timber,
35.00 Drain, course S.E.
38.91 Fall 1 lk. W. of ¼ sec. cor.
previously established by me. I
destroy all trace of the
cor. and at

Subdivision of Sec. 21 N. R. 5E.

40.00 Set a limestone 20x12x5 ins., 15 ins. in the ground for 1/4 sec. cor. mkd. 1/4 on W. face and 33 on E. face; from which A Pine 22 ins. diam., bears N. 75° 30' W. 72 lks. dist., mkd. 1/4 S 32 B.T. A Pine 9 ins. diam., bears S. 77° E. 86 lks. dist., mkd. 1/4 S 33 B T

46.00 Ridge, bears E. & W.

75.00 Ridge, bears N.W. & S.E.

77.82 Intersect the cor. of secs. 28, 29, 32 and 33, previously reestablished by me as follows:

A Sandstone 20x12x10 ins., set in a mound of stone 2½ ft. base ½ ft. high, cannot set in ground, for cor. of secs. 28, 29, 32 & 33, mkd. with notch on S. and 4 notches on E. edge; from which A Pine 30 ins. diam., bears N. 22° 15' E. 58

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Subdivision of Tp. 21 N. R. 5 E.

lks. dist., ~~mkd. [illegible]~~

A Pine 30 ins. diam., bears S. 50° 45' E. 92

lks. dist., ~~mks. [illegible]~~

A Pine 30 ins. diam., bears S. 25° W. 65

lks. dist., ~~mks. [illegible]~~

A Pine 30 ins. diam., bears N. 59° W.

65 lks. dist., mkd. ~~T XVI N R V E XX I X~~

Tree mkd as des cribed by the Surv. Gen'l

Land, rolling,

Soil, stony, 3rd rate

Timber, Pine,

Heavily timbered land 77.82 chs.

N. 73° 30' E.

bet. secs. 28 & 33,

(Having previously retraced this)

Over rolling land, through

heavy Pine timber.

Descend from cor.

2.00 Foot descent of 30 ft.

Subdivision of Sec. 21 N. R. 5 E.

24.00 Flat Ravine, course S.E.

35.79 Intersect ¼ sec. cor., a post 4 ins. sq. greatly decayed, I reestablish the cor. at the same point as follows;

Set a limestone 15 x 12 x 5 ins., sunk in the ground for ¼ sec. cor. marked ¼ on N. face, from which

A Pine 34 ins. diam., bears N. 83° 30' E. 18 lks. dist., mkd. ½ S.

A Pine 26 ins. diam., bears N. 80° 20' W. 81 lks. dist., mkd. ½ S. I remark ½ S 28 BT

A Pine 23 ins. diam., bears S 54° 30' E. 89 lks. dist., mkd. ½ S 33 BT

The true course of this line is N. 73° 30' E. 35.79 chs.

Thence from Cor. N. 89° 30', E.

Subdivision of Sec. 21 N. R 5 E.

40.22 Fall 3½ lks. N. of the cor. of secs. 27, 28, 33 and 34. previously reestablished by me as follows:

A Limestone 24x14x12 ins., set in a mound of stone 3 ft. base 1½ ft. high. cannot set in ground, for cor. of secs. 27, 28, 33 & 34, marked with 1 notch on S. and 3 notches on E. edges; from which

A Pine 18 ins. diam., bears N. 10° 10' E. 70 lks. dist., ~~mkd T XX N R V E XXVII~~

A Pine 18 ins. diam., bears S. 2° E. 60 lks. dist., ~~mkd T XX N R V E XXIV~~

A Pine 19 ins. diam., bears S. 42° 20' W. 80 lks. dist., ~~mkd. T XX N R V E XXXII~~

A Pine 36 ins. diam., bears N. 30° 15' W. 135 lks. dist., ~~mkd. T XX N R V E XXVIII~~

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Subdivision of Tp. 21 N. R. 5 E.

Trees mkd as described by Surv. Genl.

The true course of this line is N. 89° 33' E. 40.22 chs.

Land, Rolling.

Soil, Stony 3rd rate, good grass.

Timber, pine.

Heavily timbered land, 76.01 chs.

March. 24. At this cor. I set off 1° 30' W. on the decl. arc; and at 0h 06. 4m p.m., L.A.T., observe the sun on the meridian; the resulting lat. is 35° 08' N.; which is about the proper lat.

South,

bet. secs. 33 and 34.

Over Rolling land, through heavy pine timber.

28.00 Descend bears E. & W.

30.65 Canyon 60 ft. deep. Course E.

Subdivision of Tp. 21 N. R. 3 E.

32.00 Top of ascent of 60 ft. bears E. & W.

39.86 Fall 3 lks. W. of the old ¼ sec. cor., previously reestablished by me as follows:

A sandstone 24 x 14 x 10 ins., set in a mound of stone 2½ ft. base, 1½ ft. high, cannot set in ground, for ¼ sec. cor. marked ¼ on W. face, and 34 on E. face; from which

A Pine 40 ins. diam., bears N. 60° 20' W. 92 lks. dist., mkd. ¼ S. I remark ¼ S 3 3 B T

A dead Pine 40 ins. diam., bears N. 10° W. 181 lks. dist., mkd. ¼ S

A mark w tree in sec. 34 as follows; N 63° 30' E

A Pine 16 ins. diam., bears N. 61° E. 269 lks. dist., mkd. ¼ S 3 4 B T

The true course of this ½ mile

is S. 0° 03' E. 39.86 chs.
Thence from Cor.
S. 0° 02' E.
on a true line between 33 & 34.
Over rolling land through
heavy pine timber.

13.50 Ravine, 20 ft. deep, course N. 60° E.
25.00 Ridge, bears E. & W.
39.00 Descend into Volunteer Canyon
bears E. & W.
43.75 Volunteer Canyon 200 ft. deep.
course W. ascend.
47.60 Spur, bears N.W. & S.E.
48.44 Intersect the 6th St. Par. N. and
S. Bdy. of the Tp. 5.02 chs. W.
of the St. cor. of secs. 33 & 34.
Which I change to refer to a cor. of
sec. 34 only. and change the mks.
on the N.W. Bearing tree to refs

Subdivision of Tp. 21 N. R. 5 E.

to sec. 34, instead of to sec. 33.

At point of intersection.

Set a limestone 15 X 10 X 5 ins.,

10 ins. in the ground for closing

cor. of secs. 33 and 34. mkd.

C C on N., with 3 grooves on

E. and W. faces; from which

A Pine 7 ins. diam, bears N. 62° E. 38

lks. dist, marked C C T 21 N R 5 E S 34 B T

A Spruce 12 ins. diam, bears N. 37° W. 36

lks. dist, marked C C T 21 N R 5 E S 33 B T

Land, rolling & mountainous.

Soil, sandy loam & stony 2nd

& 4th rate.

Timber, pine

Mts. or heavily timbered land

88. 30 chs.

March 24, 1904.

Subdivision of Tp. 21 N. R. 5 E.

March 25; at 9h 35m a.m., Smt.,
I set off 1° 50' E. on the decl.
and 35° 07' N. on the lat. and
and determined a true meridian
with the solar at the Standard
cor. of secs. 31 and 32, on the
S. Bdy. of the Tp.

Thence I run

N. 0° 53' E.

bet. secs. 31 & 32,

Note.- The line was run
inadvertently on the above bearing.
Over rolling broken land,
through heavy pine timber
and scattering oak brush.
Var. 15° E.

13.00 Descend. bears NE. & SW.
18.50 Canyon 100 ft. deep course SW.
24.50 Ridge 200 ft. high bears NE. & SW.

Subdivision of Tp. 21 N. R. 5 E.

34.80 Ravine 100 ft. deep, course S.W.

39.38 Fall 2 lks. W. of old ¼ sec. cor., a post 4 ins. sq. decayed. I reestablish the cor. at the same point as follows;

Set a limestone 18 x 12 x 6 ins., 12 ins. in the ground for ¼ sec. cor., mkd. ¼ on W. face; from which

A Pine 25 ins. diam., bears S 31° W E. 31 lks. dist., mkd. ¼ S 1 remark ¼ S 32 BT

No old bearing tree being found in sec. 31, I mark one as follows;

A Pine 16 ins. diam., bears S. 84° 10' W. 55 lks. dist., mkd. ¼ S 31 BT

The true course and length of this ½ mile is N. 0° 55' E. 39.38 ch.

Thence from cor.

Subdivision of T. 21 N. R 5 E.

North,

19.00 Ravine, 35 ft. deep, course S.W.

36.50 Ridge, bears N.E. & S.W.

39.77 Fall 12 lks. W. of the cor. of secs. 29, 30, 31, & 32, previously re-established by me as follows:

A sandstone 24 x 14 x 5 ins. set in a mound of stone 3 ft. base, 1½ ft. high, cannot set in ground, for cor. of secs. 29, 30, 31, & 32, marked with 1 notch on S. and 5 notches on E. edge; from which

A Pine 30 ins. diam., bears N. 11° 30' E. 84 lks. dist., as described by the Surveyor General mkd. ~~T XXI N R V E XXIX~~

An Oak 8 ins. diam., bears S. 11° 40' E. 54 lks. dist., mkd. T 21 N R 5 E S 32 B T (new B.T.)

An Oak 15 ins. diam., bears S. 57° 30' W. 29 lks. dist., as described by the Surveyor General mkd. ~~grown over~~.

A Pine 32 ins. diam., bears N. 22° 20' W.

Subdivision of Tp. 21 N. R. 5 E.

147 chs dist., on k'd. T 21 N R 5 E S 30 B T
(old B.T. remarked)
The true course of this east ½ mile
is N. 0°10' E. 39.77 chs.
Land, Mts and rolling,
Soil, stony, 4th rate.
Timber, pine.
Mts, heavily timbered land
79.15 chs.

East,

bet. secs. 29 & 32.

Over Mts. land, through heavy
pine timber.

4.00 Ridge, bears N.E. & S.W.
9.90 Ravine, course S.W.
17.00 Ridge bears N.E. & S.W.
26.00 Cattle trail bears N. & S.
30.00 Descend, bears N.E. & S.W.

Subdivision of T. 21 N. R. 5 E.

33.00 Foot descent of 30 ft. bears N. 75 W.

39.77 Fall 42 lks. N. of the 1/4 sec. cor. previously reestablished as follows; by me

A Limestone 28 x 12 x 10 ins., set in a mound of stone 3 ft. base, 2 ft. high, cannot set in ground, for 1/4 sec. cor. marked 1/4 on N. face, and 32 on S. face; from which

A Pine 35 ins. diam., bears N. 8° 50' E. as described by the Surv. Genl. 41 lks. dist., mkd. [illegible] (old BT)

A Pine 12 ins. diam., bears S. 12° 30' E. 35 as described by the Surv. Genl. lks. dist., mkd. [illegible] (old BT)

The true course of this 1/2 Mile is S. 89° 24' E. 39.77 chs.

Thence from Cor.

East,

Over rolling land through heavy pine timber.

Subdivision of Tp. 21 N. R 5 E.

39.87 Fall 89 lks. N. of old cor. previously described. The true corner of this ½ mile is S 88° 43' E. 39.88 ch. Land, Dnts. and rolling Soil, stony. & the rate. Timber, pine, Mts. or heavily timbered land 79.65 chs.

Note, - It being cloudy at noon no lat. obs. could be taken.

From the cor. of secs. 27, 28, 33, & 34, previously described I run East, bet. secs. 27 & 34. Over rolling land through

Subdivision of Sec. 21 N. R. 5 E.

heavy pine timber.

5.00 Drain course S. 75° E.

30.50 Descend bear N.E. & S.W.

36.00 Foot descent of 12 8 ft. bear N.E. & S.W.

38.80 Drain in bottom of Volunteer Canyon. Course S.W.

39.74 Fall 65 lks. S. of ¼ sec. cor. previously reestablished by me as follows;

A limestone 24 x 16 x 6 ins., set in a mound of stone 2 ft. base 1½ ft. high, cannot set in ground for ¼ sec. cor. marked ¼ on N. and 34 on S. face; from which

A Pine 26 ins. diam., bears N. 16° W. 101 lks. dist., ~~marked ¼ S~~ (old B.T.)

A Pine 24 ins. diam., bears S. 9° 45' W.

Subdivision of Tp. 21 N. R. 5 E.

138 lks. dist., mkd. ~~1/4 S.~~ (old BT)
Trees mkd as described by the Dist. Govt
The true course of this 1/2 mile
is N. 89° 04' E. 39.74 chs.
Thence from cor.
East.

1.00 Ascend, bears N.E. & S.W.
4.30 Top of ascent of 100 ft. bears N. & S.
7.30 Drain, course N.W.
16.00 Ravine, course N.W.
29.50 Ravine, 50 ft. deep, course N.
39.20 Fall 50 lks. S. of old cor. of
secs. 26, 27, 34, & 35, which
is a post 4 ins. sq., greatly
decayed. I reestablish the
cor. at the same point
as follows:
Set a malapais stone 15 x 10 x 5
ins., 10 ins. in the ground for
cor. of secs 26, 27, 34, & 35, marked

with 1 notch on S. and 2
notches on E. Edges; from which
A Pine 16 ins. diam, bears N. 23° 30' E.
65 lks. dist., ~~mkd. grown over.~~
A Pine 27 ins. diam, bears S. 89° 30' E. 78½°E
72 lks. dist., ~~mkd. T 21 N R 5 E S 34 B T~~
A Pine 27 ins. diam, bears S. 70° 30' W. 164
lks. dist, mkd. T 21 N R 5 E S 34 B T (Meas. B T)
A Pine 12 ins. diam, bears ~~N. 60° 30'~~ N. 65° 45' W. at 78 lks. dist,
Old trees mkd as described by the
~~mkd. grown over~~ Surv. Genl.
The true corner of this last ½
mile is N. 89° 16' E. 39.20 chs.
Land, Mountainous and
rolling.
Soil, stony & the rate.
Timber, pine.
Mts. or heavily timbered
land 78.94 chs.

Subdivision of Tp. 21 N. R 5 E.

S. 1° 27' E.

bet. secs. 34 & 35.

Over rolling land through heavy pine timber.

4.00 Spur bears E. & W.

21.00 Rocky Spur bears E & W.

40.22 Fall 6 lks. W. of 1/4 sec. cor. which is a post 4 ins sq. greatly decayed. I reestablish the cor. at the same point as follows:

Set a malapais stone 18 x 10 x 5 ins, 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, from which

A Pine 28 ins. diam., bears S. 17 10' E. 24 lks. dist, mkd. 1/4 S 35 B T

A Pine 17 ins. diam., bears ~~S 89 05' W.~~ N 89° 30' W. 23 lks. dist, mkd. 1/4 S 34 B T

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Subdivision of Tp. 21 N. R. 5 E. 29

The true course of this ½ mile is S. 1° 32' E. 40.22 chs.

Thence from Cor.

S. 0° 03' E.

37.00 Low ridge bears E. & W.

41.37 Fall 5 lks. W. of the standard cor. of secs. 34 & 35, which is a post set in a mound of stone marked as described by the survey or general. from which

A pine 18 ins. diam., bears N. 77° E. 33 chs dist., ~~marked T XX N R XE X S X~~

A Pine 24 ins. diam., bears N. 26° 30' W. 77 chs dist., ~~marked T XX N R XE X S X~~ trees marked as described by Surv Genl

The true course of this last ½ mile is S. 0° 07' E. 41.37 chs.

Land, rolling.

Soil, stony, 4th rate.

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Subdivision of T. 26. 21 N. R. 5 E.

Timber, Pine,

Heavily timbered land 81.59 ch.

March 25, 1904.

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Subdivision of Lot 2 in N. R. 5 E.

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Table of Latitudes

Boundaries

Line	Bearing	Distance Ls.	N.
W'ly Bdy.	N. 0°55'E.	39.38	39.37
	N. 0°10'E.	39.77	39.77
N'ly Bdy.	S. 89°24'E.	39.77	
	S. 88°43'E.	39.88	
E. Bdy.	S. 0°17'W.	77.82	
S. Bdy.	West	80.00	
Error in Latitude & Departure			
	Total.		79.14

Departures.

of Sec. 32, T. 21 N. R. 5 E.

S.	E.	W.	
	0.63		
	0.12		
0.42	39.77		
.89	39.87		
77.82		0.38	
		80.00	
.01		.01	
79.14	80.39	80.39	

Table of Latitudes

BOOK 393

Boundaries

Line	Bearing	Distance Chs.	N.
W. Bdy	N. 0° 17' E.	77.82	77.82
N. Bdy.	N. 73° 30' E.	35.79	10.16
	N 89° 33' E.	40.22	.32
E. Bdy.	S. 0° 03' E	39.86	
	S. 0° 02' E.	48.44	
S. Bdy.	West	74.98	
Error in Latitude & Departure - None			
	Totals		88.30

and Departures.

of Sec. 33, Tp. 21 N. R. 5 E.

S.	E.	W.	
	0.38		
	34.32		
	40.22		
39.86	.03		
48.44	.03		
		74.98	
88.30	74.98	74.98	

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BOOK 393

Table of Latitudes

Boundaries of

Line	Bearing	Distance Ln.	N.
W. Bdy.	N. 00° 02' W.	48.44	48.44
	N. 0° 03' W.	39.86	39.86
N. Bdy.	N. 89° 04' E.	39.74	.65
	N. 89° 16' E	39.20	.50
E. Bdy	S. 1° 32' E.	40.22	
	S. 0° 07' E.	41.37	
S. Bdy.	S. 89° 47' W.	40.03	
	West	35.05	
	South	~~7.88~~ 8.06	
	West	5.02	
Error in Latitude & Departure			~~16~~ 34
	Totals		~~89.61~~ 89.99

Sec. 34. Tp. 21 N. R. 5 E.

S.	E.	W.	
		.03	
		.03	
	39.73		
	39.20		
40.21	1.08		
41.37	.08		
.15		40.03	
		35.05	
8.06			
~~7.88~~			
		5.02	
	.07		
~~89.61~~ 89.79	80.16	80.16	

Subdivision of Tp. 2 N. R. 5 E.

General Descraption of lands in sections 32 33 and 34, Tp. 2 N. R. 5 E.

The lands in these sections, are rolling and mountainous, covered with heavy pine timber and a fair growth of grass. The soil is clay loam and stony and for agricultural purposes is generally fourth rate. It is chiefly valuable for grazing and timber.

There are no running streams or springs and no settlers or their improvements in these sections.

No mineral deposits of

Subdivision of Tp. 21 N. R. 5 E.

any kind were found.
The timber is a fair
variety of yellow pine
and is very valuable.

Monnie Gandle
U.S Deputy Surveyor

Carl R. Gandle
U.S. Deputy Surveyor

LIST OF NAMES

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A list of the names of the individuals employed by Marvin Coudle

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 sections 32, 33, and 34, of T. 21 N. R. 5 E.

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, showing the respective capacities in which they acted.

L. L. Steward, Chainman.

Herman Schulz, Chainman.

, Chainman.

, Chainman.

, Axman.

, Axman.

, Flagman.

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BOOK 393

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Marvin Goudle United States Deputy Surveyor, in surveying all those parts or portions of the Subdivisional lines of Sections 32, 33, and 34, of Tp. 21 N. R. 5 E.

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, as 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.

L L Howard, Chainman.

Vernon Schultz, Chainman.

_____, Chainman.

_____, Chainman.

_____, Axman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to before me this 25th day of March, 1904

[SEAL.]

Marvin Goudle
U. S. Deputy Surveyor ~~Notary Public.~~

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR. 42

I, Marvin Caudle, United States Deputy Surveyor, do solemnly swear that in pursuance of a contract received from Hugh A. Price, United States Surveyor-General for Arizona, bearing date of the 30th day of June, 1902, 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 Subdivisional lines of Sections 22, 33, and 34, of Tp. 2 N., R. 5 E.

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of the Gila and Salt River Base and Meridian, in the Territory of Arizona, as 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 perpetu-

42 A

ated in strict accordance with the Manual of Surveying Instructions, the special 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 TRUE 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.

Marvin Gaudle

BOOK 393 Carl M. Gaudle

U. S. Deputy Surveyor.

Subscribed and sworn to before me this 7th day of April, 190 4

D. M. Fenton

Clerk District Court for Second County Ariz

4890b150-8-02

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A P P R O V A L.

Office of the

United States Surveyor-General,

Phoenix, Arizona.

June 22 - 1904

The foregoing field notes of the survey ~~of~~ resurvey of the subs. lines, of sec's 32, 33 & 34 of T. 2 N. R 5 E of the Gila and Salt River Base and Meridian, in the Territory of Arizona, executed by Caudle & Caudle United States Deputy Surveyor, under his contract No. 97, dated June 30 1902, having been critically examined, and the necessary corrections and explanations made the said field notes, and the surveys they describe, are hreby approved.

U. S. Surveyor-General.

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Field Notes
of the

Resurvey of the lines
between Secs 6 and 7.
and 7 and 18

Township 7 North
Range No 5 East
of the
Gila and Salt River
Meridian
in the Territory of
Arizona
as surveyed by
Francis B Jacobs
U.S. Deputy Surveyor
under his contract No 17
Dated May 7th 1891

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Names of Assistants

God Thompson Chairman
Lee Bond Chairman

Subdivision T 21 N R 5 E

chains

From the cor. to secs.
7-12-13 and 18 on the
range line between Ranges
4 and 5 E. which is a
post set marked and
witnessed as described in
the field notes furnished
by the Surveyor General
I run
N 89° 54' E on a random
line bet secs 7 and 18
Var 15° 12' E

36.35 to the 1/4 sec. cor. a post
set marked and witnessed as
described in the field notes
furnished by the Surveyor
General brs North
5.70 chs. Thence
S 80° 39' W on a true line
bet secs 7 and 18

Subdivisions T. 7 N R 5 E

chains	
	Var 15° 17' E
8.50	Descend hill bs N and S
28.00	Bottom of hill
	Ascend
32.00	Top of low flat ridge
36.79	Cor to secs. 7-12-13 and 18
	Land hilly and rocky
	Soil 3rd rate
	Timber Pine and Oak

From the cor. to secs 1-6-7 and 12. T. 7 N bet Rs. 4 and 5. E. I run East on a random line bet secs 6 and 7.

Var 15° 17' E

I could find no 1/4 sec cor. I also ran N 89°-55' E from the old cor. to secs 1-6-7 and 12

Subdivisions T. 21 N. R. 5 E.

chains

Var 15° 12' E
and could find no
1/4 Sec. cor.

75.88 Intersect N and S sec. line
9.40 chs S. of cor to secs
5-6-7 and 8.
Thence I run
S 82° 53' W on a true
line but secs 6 and 7
Var 15° 12' E
Ascend along the
North slope of mountain
covered with oak and pine

35-00 Top of Volcanic hill
Descend

40-00 Set post 4 ft long 4 ins diam
4 ins in the ground for 1/4 sec
Cor Marked 1/4 S on N side
and raised mound of stone
1 1/2 ft high 3 ft base around
post. From which —

Subdivisions T 7 N. R 5 E

Meas

A Pine 14 ins diam brs N 72° 40' E
185 lks dist Marked 1/4 S B.T.
A Pine 18 ins diam brs S 5-15' E
65 lks dist Marked 1/4 S B.T.
76.48 Cor. to Secs 1-6-7- and-12
Land rough Mountainous
Soil rocky 4th rate
Timber Pine and Oak

April 28th 1892

Francis B Jacobs
U S Deputy Surveyor

BOOK 393

U. S. Surveyor-General's Office,

TUCSON, A. T., Nov 16 1892

The foregoing Field Notes of the Surveys of Subdivision Fractional Tps 21. N. R 5. E.

Of the Gila and Salt River Meridian in Arizona executed by Francis B. Jacobs U. S. Deputy Surveyor, under his contract dated May 25th 1891 having been critically examined, the necessary corrections and explanations made, the said Field Notes and the surveys they describe are hereby approved.

Royal T. Johnson

U. S. Surveyor-General
for the Territory of Arizona.